

Appendix M

Proposed DSD Detention Tanks Summary and Calculations

REBUILD BY DESIGN - HUDSON RIVER PROJECT

50074974

7/27/2016

WRG/ZE/MA



ROW GREEN/GREY INFRASTRUCTURE SUBSURFACE DETENTION TANKS STORAGE VOLUME SUMMARY

TANK COUNT	TANK ID	Type	LOCATION	TANK DIMENSIONS				VOLUME		
				LENGTH (FT)	WIDTH (FT)	DEPTH (FT)	SELECTED DEPTH (FT)	(CF)	(CM)	(Gal)
1	T3-OBS	GREEN_GREY_TANK	OBSERVER HWY / JEFFERSON ST	20.0	5.0	4.5	4.5	450.0	12.75	3,368.79
2	T5-OBS	GREY_TANK	OBSERVER HWY / MADISON ST	20.0	5.0	5.5	5.5	550.0	15.59	4,117.42
3	T7-OBS	GREY_TANK	OBSERVER HWY / JACKSON ST	20.0	5.0	4.5	4.5	450.0	12.75	3,368.79
4	T1-NEW	GREEN_GREY_TANK	NEWARK ST / WILLOW AVE	20.0	5.0	6.0	6.0	600.0	17.00	4,491.73
5	T6-NEW	GREY_TANK	NEWARK ST / MONROE ST	20.0	5.0	4.5	4.5	450.0	12.75	3,368.79
6	T2-2ST	GREEN_GREY_TANK	2ND ST / JACKSON ST	16.0	5.0	8.0	8.0	640.0	18.14	4,791.17
7	T3-3ST	GREEN_GREY_TANK	3RD ST / JEFFERSON ST & ADAMS ST	16.0	5.0	6.5	6.5	520.0	14.74	3,892.83
8	T2-4ST	GREEN_GREY_TANK	4TH ST / GRAND ST & CLINTON ST	14.0	5.0	4.0	4.0	280.0	7.93	2,096.14
9	T3-4ST	GREY_TANK	4TH ST / ADAMS STREET	15.0	5.0	4.5	4.5	337.5	9.56	2,526.60
10	T4-4ST	GREEN_GREY_TANK	4TH ST / MONROE ST & MADISON ST	18.0	5.0	8.5	8.5	765.0	21.68	5,726.95
11	T6-4ST	GREEN_GREY_TANK	5TH ST / MADISON ST	17.0	5.0	4.5	4.5	382.5	10.84	2,863.48
12	T2-5ST	GREEN_GREY_TANK	5TH ST / ADAMS ST	17.0	5.0	4.5	4.5	382.5	10.84	2,863.48
13	T4-5ST	GREEN_GREY_TANK	5TH ST / MADISON STREET	20.0	5.0	5.5	5.5	550.0	15.59	4,117.42
14	T5-5ST	GREY_TANK	5TH ST / JACKSON STREET	20.0	4.0	7.5	7.5	600.0	17.00	4,491.73
15	T6-5ST	CURB_BUMPOUT_TANKS	5TH ST / MONROE STREET	20.0	5.0	9.5	9.5	950.0	26.92	7,111.90
16	T7-5ST	GREY_TANK	5TH ST / JACKSON STREET	12.0	5.0	7.5	7.5	450.0	12.75	3,368.79
17	T1-6ST	GREEN_GREY_TANK	6TH ST / ADAMS ST & GRAND ST	16.0	5.0	6.5	6.5	520.0	14.74	3,892.83
18	T2-6ST	GREEN_GREY_TANK	6TH ST / MADISON ST & JEFFERSON ST	20.0	5.0	4.5	4.5	450.0	12.75	3,368.79
19	T3-6ST	GREEN_GREY_TANK	6TH ST / MADISON ST	15.0	5.0	5.5	5.5	412.5	11.69	3,088.06
20	T4-6ST	GREY_TANK	6TH ST / MONROE ST	20.0	4.0	9.0	9.0	720.0	20.40	5,390.07
21	T1-7ST	GREEN_GREY_TANK	7TH ST / MONROE ST	20.0	5.0	5.5	5.5	550.0	15.59	4,117.42
22	T2-7ST	GREEN_GREY_TANK	7TH ST / HARRISON ST & JACKSON ST	20.0	5.0	7.0	7.0	700.0	19.84	5,240.35
23	T5-9ST	GREEN_GREY_TANK	9TH ST / GRAND ST	16.0	5.0	6.0	6.0	480.0	13.60	3,593.38
24	T1-HAR	GREEN_GREY_TANK	HARRISON ST / 6TH ST	11.0	5.0	4.0	4.0	220.0	6.23	1,646.97
25	T2-JAC	GREEN_GREY_TANK	JACKSON ST / 7TH ST	10.0	5.0	4.0	4.0	200.0	5.67	1,497.24
26	T3-JAC	GREY_TANK	JACKSON ST / 6TH ST	20.0	5.0	6.0	6.0	600.0	17.00	4,491.73
27	T5-JAC	GREY_TANK	JACKSON ST / 4TH ST	20.0	5.0	7.5	7.5	750.0	21.25	5,614.66
28	T2-MON	GREEN_GREY_TANK	MONROE ST /11TH ST	11.0	5.0	4.5	4.5	247.5	7.01	1,852.84
29	T6-MON	CURB_BUMPOUT_TANKS	MONROE ST / 7TH ST	20.0	5.0	6.5	6.5	650.0	18.42	4,866.04
30	T7-MON	GREEN_GREY_TANK	MONROE ST /7TH ST	20.0	5.0	7.0	7.0	700.0	19.84	5,240.35
31	T8-MAD	GREEN_GREY_TANK	MADISON ST /11TH ST	11.0	5.0	4.5	4.5	247.5	7.01	1,852.84
32	T9-MAD	GREEN_GREY_TANK	MADISON ST /11TH ST	16.0	5.0	5.0	5.0	400.0	11.34	2,994.48
33	T10-MAD	GREEN_GREY_TANK	MADISON ST /10TH ST	10.0	5.0	4.5	4.5	225.0	6.38	1,684.40
34	T11-MAD	GREEN_GREY_TANK	MADISON ST / 9TH ST	10.0	5.0	6.5	6.5	325.0	9.21	2,433.02
35	T15-MAD	GREEN_GREY_TANK	MADISON ST / 5TH & 6TH ST	20.0	5.0	7.0	7.0	700.0	19.84	5,240.35
36	T16-MAD	GREEN_GREY_TANK	MADISON ST / 5TH & 6TH ST	13.0	5.0	6.0	6.0	390.0	11.05	2,919.62
37	T5-JEF	GREEN_GREY_TANK	JEFFERSON ST / 11TH ST	15.0	5.0	6.5	6.5	487.5	13.82	3,649.53
38	T6-JEF	GREEN_GREY_TANK	JEFFERSON ST / 9TH ST	20.0	5.0	5.5	5.5	550.0	15.59	4,117.42
39	T7-JEF	GREEN_GREY_TANK	JEFFERSON ST / 3RD ST	20.0	5.0	6.0	6.0	600.0	17.00	4,491.73
40	T8-JEF	GREEN_GREY_TANK	JEFFERSON ST / 1ST & 2ND ST	20.0	5.0	4.5	4.5	450.0	12.75	3,368.79
41	T3-ADM	GREEN_GREY_TANK	ADAMS ST / 11TH ST	20.0	5.0	5.0	5.0	500.0	14.17	3,743.10
42	T6-ADM	GREEN_GREY_TANK	ADAMS ST / 11TH ST	12.0	5.0	4.0	4.0	240.0	6.80	1,796.69
43	T8-ADM	GREEN_GREY_TANK	ADAMS ST / 5TH ST	17.0	5.0	5.0	5.0	425.0	12.04	3,181.64
44	T9-ADM	GREEN_GREY_TANK	ADAMS ST / 3RD ST	20.0	5.0	7.0	7.0	700.0	19.84	5,240.35
45	T3-GND	GREEN_GREY_TANK	GRAND ST / 8TH & 9TH ST	10.0	5.0	6.0	6.0	300.0	8.50	2,245.86
46	T4-GND	GREEN_GREY_TANK	GRAND ST / 8TH ST	20.0	5.0	4.0	4.0	400.0	11.34	2,994.48
47	T5-GND	GREEN_GREY_TANK	GRAND ST / 7TH ST	20.0	5.0	6.5	6.5	650.0	18.42	4,866.04
48	T6-GND	GREEN_GREY_TANK	GRAND ST / 6TH ST	15.0	5.0	5.0	5.0	375.0	10.63	2,807.33
49	T2-BLM	GREEN_GREY_TANK	BLOOMFIELD ST / 4TH ST	15.0	5.0	6.5	6.5	487.5	13.82	3,649.53
50	T1-GAR	GREY_TANK	GARDEN ST / 4TH ST	20.0	5.0	7.0	7.0	700.0	19.84	5,240.35
51	TD1-4ST	GREEN_GREY_TANK	4TH ST / GRAND ST & CLINTON ST	12	5.0	4	4.0	240.0	6.80	1,796.69
52	TD1-WIL	GREEN_GREY_TANK	WILLOW ST / 4TH ST	20	5	4.5	4.5	450.0	12.75	3,368.79
53	TD12-13ST	GREEN_GREY_TANK	13TH ST / JACKSON STREET	18	5	7	7.0	630.0	17.85	4,716.31
54	TD14-CLA	GREEN_GREY_TANK	CLINTON ST / 4TH ST	20	5	5	5.0	500.0	14.17	3,743.10
55	TD23-CLA	GREEN_GREY_TANK	CLINTON ST / 6TH ST	18	5	4.5	4.5	405.0	11.48	3,031.91
56	TD25-WIL	GREEN_GREY_TANK	WILLOW ST / 16TH ST	16	5	4	4.0	320.0	9.07	2,395.59
57	TD30-CLA	GREEN_GREY_TANK	CLINTON ST / 8TH ST	18	5	4	4.0	360.0	10.20	2,695.04
58	TD31-CLA	GREEN_GREY_TANK	CLINTON ST / 12TH ST	12	5	5.5	5.5	330.0	9.35	2,470.45
59	TD4-OBS	GREEN_GREY_TANK	OBS HWY / WILLOW ST	20	5	7	7.0	700.0	19.84	5,240.35
60	TD6-WIL	GREEN_GREY_TANK	WILLOW ST / 5TH ST	20	5	4.5	4.5	450.0	12.75	3,368.79
61	TD8-GAR	GREEN_GREY_TANK	GARDEN ST / OBS HWY	11	5	5	5.0	275.0	7.79	2,058.71
	TOTAL VOLUME									219,869.97

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T3-OBS
STREET LOCATION: OBSERVER HWY / JEFFERSON ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	13.9

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H1-OB-081	4.84	-3.02	H1-OB-080A	4.64	-3.36	4'-0"x8'-0" BR	38.7	0.009

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM TANK TO CROSS	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
16"	12	25.7	4	0.52	2"	-0.81	17"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
H1-OB-080A	4.64	0	-3.36	37.8	4.64	-2.98	0.97	2.67	4.5	20'x5'x4.5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter
- Assumed 4' UW depth

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.98	-0.91	0	0
0.5	-2.48	-0.76	50	1.42
1.0	-1.98	-0.60	100	2.83
1.5	-1.48	-0.45	150	4.25
2.0	-0.98	-0.30	200	5.67
2.5	-0.48	-0.15	250	7.08
3.0	0.02	0.01	300	8.50
3.5	0.52	0.16	350	9.92
4.0	1.02	0.31	400	11.34
4.5	1.52	0.46	450	12.75

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T5-OBS
STREET LOCATION: OBSERVER HWY / MADISON ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	11.9

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-OB-101	3.97	-4.79	H1-OB-100	3.97	-4.67	30" BR	86.1	-0.001

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO CROSS	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
6"	14	16	4	-0.17	4"	-0.67	35"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T5-OBS	3.97	40.1	-4.73	30.1	3.97	-4.42	0.30	2.67	5.5	20'x5'x5.5'

Notes:

- Tank pipe connection assumed to be 1% minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-4.42	-1.35	0	0
0.5	-3.92	-1.20	50	1.42
1.0	-3.42	-1.04	100	2.83
1.5	-2.92	-0.89	150	4.25
2.0	-2.42	-0.74	200	5.67
2.5	-1.92	-0.59	250	7.08
3.0	-1.42	-0.43	300	8.50
3.5	-0.92	-0.28	350	9.92
4.0	-0.42	-0.13	400	11.34
4.5	0.08	0.02	450	12.75
5.0	0.58	0.18	500	14.17
5.5	1.08	0.33	550	15.59

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T7-OBS
STREET LOCATION: OBSERVER HWY / JACKSON ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	8.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-OB-122A	3.08	-3.78	H1-OB-122	4.9	-2.93	2'-6"x3'-9" BR	258.3	-0.003

UTILITY CROSSINGS

WATER MAIN								SANITARY SEWER MAIN						
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET	SIZE/ MATERIAL	DIS FROM MH TO CROSS	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARAN CE	CLEARANCE W/OUTLET
6"	20.6	11	4	0.36	5"	-0.14	21"	12"	9.7	22	8	-3.53	50"	6"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM D/S MH	INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T7-OBS	4.57	47.4	-3.09	31.6	4.57	-2.77	0.90	2.67	4.5	20'x5'x4.5'

REMARKS

- Based on NHSA the street sewer main has a negative slope.

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.77	-0.84	0	0
0.5	-2.27	-0.69	50	1.42
1.0	-1.77	-0.54	100	2.83
1.5	-1.27	-0.39	150	4.25
2.0	-0.77	-0.23	200	5.67
2.5	-0.27	-0.08	250	7.08
3.0	0.23	0.07	300	8.50
3.5	0.73	0.22	350	9.92
4.0	1.23	0.38	400	11.34
4.5	1.73	0.53	450	12.75

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T1-NEW
STREET LOCATION: NEWARK ST / WILLOW AVE

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	10.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-W1-018	2.99	-4.1	H1-NE-003	3.15	-6.29	3'-6"X4'-0" BR	58.4	0.038

UTILY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO CROSS	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
12"	11	24.7	4	-0.96	3"	-1.96	39"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
H1-NE-003	3.15	0	-6.29	9.3	3.33	-5.84	-0.34	2.67	6.0	20'x5'x6'
MH-T1-NEW	3.33	35.6	-5.93							

REMARKS

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-5.84	-1.78	0	0
0.5	-5.34	-1.63	50	1.42
1.0	-4.84	-1.48	100	2.83
1.5	-4.34	-1.32	150	4.25
2.0	-3.84	-1.17	200	5.67
2.5	-3.34	-1.02	250	7.08
3.0	-2.84	-0.87	300	8.50
3.5	-2.34	-0.71	350	9.92
4.0	-1.84	-0.56	400	11.34
4.5	-1.34	-0.41	450	12.75
5.0	-0.84	-0.26	500	14.17
5.5	-0.34	-0.10	550	15.59
6.0	0.16	0.05	600	17.00

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
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Prepared by: WRG
Checked by:



TANK ID # T6-NEW
STREET LOCATION: NEWARK ST / MONROE ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	8.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-NE-029B	5	-1.1	H1-NE-029A	5.65	-3.36	30" VCP	67.7	0.033

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO CROSS	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
16"	9.5	13.6	4	1.24	3"	-0.10	13"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T6-NEW	5.33	33.2	-2.25	23.0	5.33	-2.02	1.66	2.67	4.5	20'x5'x4.5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.02	-0.62	0	0
0.5	-1.52	-0.46	50	1.42
1.0	-1.02	-0.31	100	2.83
1.5	-0.52	-0.16	150	4.25
2.0	-0.02	-0.01	200	5.67
2.5	0.48	0.15	250	7.08
3.0	0.98	0.30	300	8.50
3.5	1.48	0.45	350	9.92
4.0	1.98	0.60	400	11.34
4.5	2.48	0.76	450	12.75

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
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Prepared by: WRG
Checked by:



TANK ID # T2-2ST
STREET LOCATION: 2ND ST / JACKSON ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
16.0	5.0	11.4

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-JA-034	3.87	-8.43	H1-JA-033	4.07	-5.56	2'-6"X3'-9" CONC	27.8	-0.103

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO CROSS	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
8"	9.3	41.4	4	-0.15	2"	-0.81	65"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T2-2STB	3.94	17.4	-7.36	8.0	4.20	-6.77	0.53	2.67	8.0	16'x5'x8'
MH-T2-2STA	4.20	50.7	-6.85							

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-6.77	-2.06	0	0
0.5	-6.27	-1.91	40	1.13
1.0	-5.77	-1.76	80	2.27
1.5	-5.27	-1.61	120	3.40
2.0	-4.77	-1.45	160	4.53
2.5	-4.27	-1.30	200	5.67
3.0	-3.77	-1.15	240	6.80
3.5	-3.27	-1.00	280	7.93
4.0	-2.77	-0.84	320	9.07
4.5	-2.27	-0.69	360	10.20
5.0	-1.77	-0.54	400	11.34
5.5	-1.27	-0.39	440	12.47
6.0	-0.77	-0.23	480	13.60
6.5	-0.27	-0.08	520	14.74
7.0	0.23	0.07	560	15.87
7.5	0.73	0.22	600	17.00
8.0	1.23	0.38	640	18.14

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T3-3ST
STREET LOCATION: 3RD ST / JEFFERSON ST & ADAMS ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
16.0	5.0	11.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-03-170A	3.58	-3.77	H1-03-170	3.84	-6.13	48" BR	57.6	0.041

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
12"	7.7	8.3	4	-0.27	4"	-1.27	42"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM D/S MH	INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T3-3ST	3.81	7.7	-5.81	16.0	3.81	-5.65	0.14	2.67	6.5	16'x5'x6.5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-5.65	-1.72	0	0
0.5	-5.15	-1.57	40	1.13
1.0	-4.65	-1.42	80	2.27
1.5	-4.15	-1.27	120	3.40
2.0	-3.65	-1.11	160	4.53
2.5	-3.15	-0.96	200	5.67
3.0	-2.65	-0.81	240	6.80
3.5	-2.15	-0.66	280	7.93
4.0	-1.65	-0.50	320	9.07
4.5	-1.15	-0.35	360	10.20
5.0	-0.65	-0.20	400	11.34
5.5	-0.15	-0.05	440	12.47
6.0	0.35	0.11	480	13.60
6.5	0.85	0.26	520	14.74

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T2-4ST
STREET LOCATION: 4TH ST / GRAND ST & CLINTON ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
14.0	5.0	15.6

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H3-CL-015B	5.54	-3.12	H1-CL-036	4.17	-2.71	2'-0"X3'-0" WD	149.1	-0.003

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
6"	9	28.2	4	0.61	-3"	0.11	22"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T2-4STB	4.45	30	-2.79	37.0	4.70	-2.10	1.03	2.67	4.0	14'x5'x4'
MH-T2-4STA	4.70	50.8	-2.28							

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.10	-0.64	0	0
0.5	-1.60	-0.49	35	0.99
1.0	-1.10	-0.34	70	1.98
1.5	-0.60	-0.18	105	2.98
2.0	-0.10	-0.03	140	3.97
2.5	0.40	0.12	175	4.96
3.0	0.90	0.27	210	5.95
3.5	1.40	0.43	245	6.94
4.0	1.90	0.58	280	7.93

Notes:

- Tank pipe connection assumed to be 1% minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T3-4ST
STREET LOCATION: 4TH ST / ADAMS STREET

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
15.0	5.0	11.9

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-AD-040	5.02	-2.54	H1-AD-039	4.66	-2.95	2'-6"X3'-9" BR	112.1	0.004

UTILY CROSSINGS

WATER MAIN					
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW
N/A					N/A

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T3-4STB	4.78	37.1	-2.81	6.5	4.98	-2.35	1.31	2.67	4.5	15'x5'x4.5'
MH-T3-4STA	4.98	40.4	-2.41							

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M³)
0.0	-2.35	-0.72	0	0
0.5	-1.85	-0.56	37.5	1.06
1.0	-1.35	-0.41	75	2.13
1.5	-0.85	-0.26	112.5	3.19
2.0	-0.35	-0.11	150	4.25
2.5	0.15	0.05	187.5	5.31
3.0	0.65	0.20	225	6.38
3.5	1.15	0.35	262.5	7.44
4.0	1.65	0.50	300	8.50
4.5	2.15	0.66	337.5	9.56

Notes:
- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T4-4ST
STREET LOCATION: 4TH ST / MONROE ST & MADISON ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
18.0	5.0	10.6

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H1-MA-039	4.51	-3.26	H1-MA-038	3.38	-8.76	2'6"X3'9" BR	126.7	0.043

UTILITY CROSSINGS														
WATER MAIN (3 UW Crossings!)														
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET	SIZE/ MATERIAL	DIS FROM MH TO CROSS	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CLEARANCE W/OUTLET
6"	5.3	16.1	4	-0.35	3"	-0.85	72"	8"	2.9	44.3	4	-0.57	-1"	78"
								12"	17.9	29.3	4	-0.72	3"	76"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH (FT)	TANK TOP OF CLEANOUT	OUTLET INVERT	OVERFLOW INVERT	RISER/SLAB (FT)	TANK DEPTH (FT)	TANK DIMENSIONS
STR. ID#	RIM	DIST. FROM MH	D/S INVERT							
MH-T4-4STA	3.46	9.2	-8.36	21.4	3.70	-7.67	0.03	2.67	8.5	18'x5'x8.5'
MH-T4-4STB	3.70	47.2	-7.89							

Notes:
- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-7.67	-2.34	0	0
0.5	-7.17	-2.19	45	1.28
1.0	-6.67	-2.03	90	2.55
1.5	-6.17	-1.88	135	3.83
2.0	-5.67	-1.73	180	5.10
2.5	-5.17	-1.58	225	6.38
3.0	-4.67	-1.43	270	7.65
3.5	-4.17	-1.27	315	8.93
4.0	-3.67	-1.12	360	10.20
4.5	-3.17	-0.97	405	11.48
5.0	-2.67	-0.82	450	12.75
5.5	-2.17	-0.66	495	14.03
6.0	-1.67	-0.51	540	15.30
6.5	-1.17	-0.36	585	16.58
7.0	-0.67	-0.21	630	17.85
7.5	-0.17	-0.05	675	19.13
8.0	0.33	0.10	720	20.40
8.5	0.83	0.25	765	21.68

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T6-4ST
STREET LOCATION: 5TH ST / MADISON ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
17.0	5.0	10.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H1-MA-140A	5.58	-0.6	H1-HA-140	4.03	-3.62	15" VCP	133.8	0.023

UTILITY CROSSINGS

WATER MAIN					
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW
N/A					N/A

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T6-4ST	4.27	20.9	-3.15	23.0	4.27	-2.92	0.60	2.67	4.5	17'x5'x4.5'

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.92	-0.89	0	0
0.5	-2.42	-0.74	42.5	1.20
1.0	-1.92	-0.58	85	2.41
1.5	-1.42	-0.43	127.5	3.61
2.0	-0.92	-0.28	170	4.82
2.5	-0.42	-0.13	212.5	6.02
3.0	0.08	0.02	255	7.23
3.5	0.58	0.18	297.5	8.43
4.0	1.08	0.33	340	9.64
4.5	1.58	0.48	382.5	10.84

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T2-5ST
STREET LOCATION: 5TH ST / ADAMS ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
17.0	5.0	11.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-AD-043	5.34	-2.68	H1-AD-042	5.38	-2.6	2'-6"X3'-9" BR	97.5	-0.001

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
8"	7.6	36.5	4	1.28	1"	0.62	26"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T2-5STA	5.36	50.1	-2.64	16.4	5.58	-2.04	1.91	2.67	4.5	17'x5'x4.5'
MH-T2-5STB	5.58	44.2	-2.20							

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.04	-0.62	0	0
0.5	-1.54	-0.47	42.5	1.20
1.0	-1.04	-0.32	85	2.41
1.5	-0.54	-0.16	127.5	3.61
2.0	-0.04	-0.01	170	4.82
2.5	0.46	0.14	212.5	6.02
3.0	0.96	0.29	255	7.23
3.5	1.46	0.45	297.5	8.43
4.0	1.96	0.60	340	9.64
4.5	2.46	0.75	382.5	10.84

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T4-5ST
STREET LOCATION: 5TH ST / MADISON STREET

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	10.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-MA-042	4.88	-3.8	H1-MA-041	4.49	-4.38	2'-6"X3'-9" BR	73.7	0.008

UTILITY CROSSINGS							
WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
16"	9.9	32.7	4	0.52	2"	-0.82	27"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH (FT)	TANK TOP OF CLEANOUT	OUTLET INVERT	OVERFLOW INVERT	RISER/SLAB (FT)	TANK DEPTH (FT)	TANK DIMENSIONS
STR. ID#	RIM	DIST. FROM MH	D/S INVERT							
MH-T4-5STB	4.61	23.6	-4.19	13.0	4.83	-3.63	1.16	2.67	5.5	20'x5'x5.5'
MH-T4-5STA	4.83	43	-3.76							

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-3.63	-1.11	0	0
0.5	-3.13	-0.96	50	1.42
1.0	-2.63	-0.80	100	2.83
1.5	-2.13	-0.65	150	4.25
2.0	-1.63	-0.50	200	5.67
2.5	-1.13	-0.35	250	7.08
3.0	-0.63	-0.19	300	8.50
3.5	-0.13	-0.04	350	9.92
4.0	0.37	0.11	400	11.34
4.5	0.87	0.26	450	12.75
5.0	1.37	0.42	500	14.17
5.5	1.87	0.57	550	15.59

Notes:
- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T5-5ST
STREET LOCATION: 5TH ST / JACKSON STREET

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	4.0	7.6

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H4-JA-002	4.00	-2.36	H1-JA-046	3.81	-10.63	3'-6"X4'-0" BR	193	0.043

UTILY CROSSINGS							
WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
8"	9.3	27.9	4	-0.19	2"	-0.86	66"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T5-5STB	3.90	93	-6.64	13.0	4.09	-6.14	0.42	2.67	7.5	20'x4'x7.5'
MH-T5-5STA	4.09	37	-6.27							

Notes:
- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-6.14	-1.87	0	0
0.5	-5.64	-1.72	40	1.13
1.0	-5.14	-1.57	80	2.27
1.5	-4.64	-1.42	120	3.40
2.0	-4.14	-1.26	160	4.53
2.5	-3.64	-1.11	200	5.67
3.0	-3.14	-0.96	240	6.80
3.5	-2.64	-0.81	280	7.93
4.0	-2.14	-0.65	320	9.07
4.5	-1.64	-0.50	360	10.20
5.0	-1.14	-0.35	400	11.34
5.5	-0.64	-0.20	440	12.47
6.0	-0.14	-0.04	480	13.60
6.5	0.36	0.11	520	14.74
7.0	0.86	0.26	560	15.87
7.5	1.36	0.41	600	17.00

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T6-5ST
STREET LOCATION: 5TH ST / MONROE STREET

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	8.8

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H1-MO-048	3.9	-5.98	H1-MO-047	4.13	-8.41	4'-0"X5'-0" WD	21.3	0.114

UTILITY CROSSINGS

WATER MAIN					
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW
N/A					N/A

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
N/A	4.13	0	-8.41	8.0	4.41	-7.77	0.74	2.67	9.5	20'x5'x9.5'
MH-T6-5ST	4.41	56	-7.85							

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-7.77	-2.37	0	0
0.5	-7.27	-2.22	50	1.42
1.0	-6.77	-2.06	100	2.83
1.5	-6.27	-1.91	150	4.25
2.0	-5.77	-1.76	200	5.67
2.5	-5.27	-1.61	250	7.08
3.0	-4.77	-1.45	300	8.50
3.5	-4.27	-1.30	350	9.92
4.0	-3.77	-1.15	400	11.34
4.5	-3.27	-1.00	450	12.75
5.0	-2.77	-0.84	500	14.17
5.5	-2.27	-0.69	550	15.59
6.0	-1.77	-0.54	600	17.00
6.5	-1.27	-0.39	650	18.42
7.0	-0.77	-0.23	700	19.84
7.5	-0.27	-0.08	750	21.25
8.0	0.23	0.07	800	22.67
8.5	0.73	0.22	850	24.09
9.0	1.23	0.38	900	25.50

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T7-5ST
STREET LOCATION: 5TH ST / JACKSON STREET

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
12.0	5.0	8.7

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H4-JA-002	4.00	-2.36	H1-JA-046	3.81	-10.63	3'-6"X4'-0" BR	193	0.043

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
8"	9.3	27.9	4	-0.19	2"	-0.86	56"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T5-5STB	3.90	93	-6.64	17.0	4.09	-6.10	0.42	2.67	7.5	12x5'x7.5'
MH-T5-5STA	4.09	37	-6.27							

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-6.10	-1.86	0	0
0.5	-5.60	-1.71	30	0.85
1.0	-5.10	-1.56	60	1.70
1.5	-4.60	-1.40	90	2.55
2.0	-4.10	-1.25	120	3.40
2.5	-3.60	-1.10	150	4.25
3.0	-3.10	-0.95	180	5.10
3.5	-2.60	-0.79	210	5.95
4.0	-2.10	-0.64	240	6.80
4.5	-1.60	-0.49	270	7.65
5.0	-1.10	-0.34	300	8.50
5.5	-0.60	-0.18	330	9.35
6.0	-0.10	-0.03	360	10.20
6.5	0.40	0.12	390	11.05
7.0	0.90	0.27	420	11.90
7.5	1.40	0.43	450	12.75

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T1-6ST
STREET LOCATION: 6TH ST / ADAMS ST & GRAND ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
16.0	5.0	15.5

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-GR-048	4.99	-2.66	H1-GR-047	5.62	-4.58	3'-0"X3'-6" BR	47	0.041

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
8"	16	56.8	4	1.46	1"	0.79	51"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
H1-GR-047	5.62	0	-4.58	18.0	5.99	-3.67	2.32	2.67	6.5	16'x5'x6.5'
MH-T1-6STA	5.99	73	-3.85							

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-3.67	-1.12	0	0
0.5	-3.17	-0.97	40	1.13
1.0	-2.67	-0.81	80	2.27
1.5	-2.17	-0.66	120	3.40
2.0	-1.67	-0.51	160	4.53
2.5	-1.17	-0.36	200	5.67
3.0	-0.67	-0.20	240	6.80
3.5	-0.17	-0.05	280	7.93
4.0	0.33	0.10	320	9.07
4.5	0.83	0.25	360	10.20
5.0	1.33	0.41	400	11.34
5.5	1.83	0.56	440	12.47
6.0	2.33	0.71	480	13.60
6.5	2.83	0.86	520	14.74

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T2-6ST
STREET LOCATION: 6TH ST / MADISON ST & JEFFERSON ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	13.3

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H1-JE-050	4.99	-2.95	H1-JE-049	4.26	-3.41	42" BR	55.1	0.008

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
8"	6.7	12.9	4	0.83	3"	0.16	19"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T2-6STB	4.53	20.4	-3.24	20.0	4.89	-2.32	1.22	2.67	4.5	20'x5'x4.5'
MH-T2-6STA	4.89	72.4	-2.52							

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.32	-0.71	0	0
0.5	-1.82	-0.55	50	1.42
1.0	-1.32	-0.40	100	2.83
1.5	-0.82	-0.25	150	4.25
2.0	-0.32	-0.10	200	5.67
2.5	0.18	0.06	250	7.08
3.0	0.68	0.21	300	8.50
3.5	1.18	0.36	350	9.92
4.0	1.68	0.51	400	11.34
4.5	2.18	0.67	450	12.75

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T3-6ST
STREET LOCATION: 6TH ST / MADISON ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
15.0	5.0	11.9

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H1-MA-048	4.79	-4.03	H1-MA-047	4.76	-4.13	2'-6"X3'-9" BR	82.4	0.001

UTILITY CROSSINGS

WATER MAIN (4 UW Crossings!)														
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET	SIZE/ MATERIAL	DIS FROM MH TO CROSS	DIS FROM	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CLEARANCE W/OUTLET
16"	11.1	56.1	4	0.67	1"	-0.66	27"	8"	4.7	62.5	4	0.74	7"	28"
								8"	17.3	49.9	4	0.61	7"	27"
								8"	1.1	66.1	4	1.11	3"	29"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T3-6STB	4.78	61.9	-4.05	11.0	5.12	-3.27	1.45	2.67	5.5	15'x5'x5.5'
MH-T3-6STA	5.12	67	-3.38							

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-3.27	-1.00	0	0
0.5	-2.77	-0.85	37.5	1.06
1.0	-2.27	-0.69	75	2.13
1.5	-1.77	-0.54	112.5	3.19
2.0	-1.27	-0.39	150	4.25
2.5	-0.77	-0.24	187.5	5.31
3.0	-0.27	-0.08	225	6.38
3.5	0.23	0.07	262.5	7.44
4.0	0.73	0.22	300	8.50
4.5	1.23	0.37	337.5	9.56
5.0	1.73	0.53	375	10.63
5.5	2.23	0.68	412.5	11.69

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T4-6ST
STREET LOCATION: 6TH ST / MONROE ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	4.0	6.9

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H1-MO-057	4.13	-8.53	H1-MO-056	4.42	-6.04	4'-0"X5'-0" WD	55.3	-0.045

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
8"	0	41	4	0.37	-2"	-0.29	83"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T4-6STB	4.17	47.8	-8.19	10.0	4.37	-7.68	0.70	2.67	9.0	20'x4'x9'
MH-T4-6STA	4.37	41	-7.78							

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-7.68	-2.34	0	0
0.5	-7.18	-2.19	40	1.13
1.0	-6.68	-2.04	80	2.27
1.5	-6.18	-1.88	120	3.40
2.0	-5.68	-1.73	160	4.53
2.5	-5.18	-1.58	200	5.67
3.0	-4.68	-1.43	240	6.80
3.5	-4.18	-1.28	280	7.93
4.0	-3.68	-1.12	320	9.07
4.5	-3.18	-0.97	360	10.20
5.0	-2.68	-0.82	400	11.34
5.5	-2.18	-0.67	440	12.47
6.0	-1.68	-0.51	480	13.60
6.5	-1.18	-0.36	520	14.74
7.0	-0.68	-0.21	560	15.87
7.5	-0.18	-0.06	600	17.00
8.0	0.32	0.10	640	18.14
8.5	0.82	0.25	680	19.27
9.0	1.32	0.40	720	20.40

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T1-7ST
STREET LOCATION: 7TH ST / MONROE ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	12.2

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H7-07-190	5.13	-3.61	H4-MA-015	5.06	-3.9	4'-0"X4'-9" CONC	258.3	0.001

UTILITY CROSSINGS

WATER MAIN					
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW
N/A					N/A

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T1-7ST	5.12	224.8	-3.65	17.0	5.12	-3.48	1.45	2.67	5.5	20'x5'x5.5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-3.48	-1.06	0	0
0.5	-2.98	-0.91	50	1.42
1.0	-2.48	-0.76	100	2.83
1.5	-1.98	-0.60	150	4.25
2.0	-1.48	-0.45	200	5.67
2.5	-0.98	-0.30	250	7.08
3.0	-0.48	-0.15	300	8.50
3.5	0.02	0.01	350	9.92
4.0	0.52	0.16	400	11.34
4.5	1.02	0.31	450	12.75
5.0	1.52	0.46	500	14.17
5.5	2.02	0.62	550	15.59

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T2-7ST
STREET LOCATION: 7TH ST / HARRISON ST & JACKSON ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	11.4

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H4-HA-001	8.1	-3.76	H4-07-200	5.6	-3.45	2'-3" X 3'-6" BR	224.5	-0.001

UTILITY CROSSINGS

WATER MAIN					
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW
N/A					N/A

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T2-7ST	6.54	84.4	-3.57	20.0	6.54	-3.37	2.87	2.67	7.0	20'x5'x7'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-3.37	-1.03	0	0
0.5	-2.87	-0.87	50	1.42
1.0	-2.37	-0.72	100	2.83
1.5	-1.87	-0.57	150	4.25
2.0	-1.37	-0.42	200	5.67
2.5	-0.87	-0.26	250	7.08
3.0	-0.37	-0.11	300	8.50
3.5	0.13	0.04	350	9.92
4.0	0.63	0.19	400	11.34
4.5	1.13	0.35	450	12.75
5.0	1.63	0.50	500	14.17
5.5	2.13	0.65	550	15.59
6.0	2.63	0.80	600	17.00
6.5	3.13	0.96	650	18.42
7.0	3.63	1.11	700	19.84

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T5-9ST
STREET LOCATION: 9TH ST / GRAND ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
16.0	5.0	11.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
N/A	6.17	-0.2	H4-CL-012	6.40	-2.91	1'-9"X3'-0" CONC	69.2	0.039

UTILITY CROSSINGS

WATER MAIN					
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW
N/A					N/A

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T5-9STB	6.40	0	-2.91	10.0	6.65	-2.32	2.98	2.67	6.0	16'x5'x6'
MH-T5-9STA	6.65	49	-2.42							

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.32	-0.71	0	0
0.5	-1.82	-0.55	40	1.13
1.0	-1.32	-0.40	80	2.27
1.5	-0.82	-0.25	120	3.40
2.0	-0.32	-0.10	160	4.53
2.5	0.18	0.05	200	5.67
3.0	0.68	0.21	240	6.80
3.5	1.18	0.36	280	7.93
4.0	1.68	0.51	320	9.07
4.5	2.18	0.66	360	10.20
5.0	2.68	0.82	400	11.34
5.5	3.18	0.97	440	12.47
6.0	3.68	1.12	480	13.60

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T1-HAR
STREET LOCATION: HARRISON ST / 6TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
11.0	5.0	16.6

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H4-HA-003	4.99	-1.67	H4-HA-002	5.77	-2.71	2'-9"X3'-3" CONC	232.3	0.004

UTILITY CROSSINGS

WATER MAIN					
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW
N/A					N/A

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T1-HAR	5.12	192.8	-1.85	17.0	5.12	-1.68	1.45	2.67	4.0	11'x5'x4'

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-1.68	-0.51	0	0
0.5	-1.18	-0.36	27.5	0.78
1.0	-0.68	-0.21	55	1.56
1.5	-0.18	-0.05	82.5	2.34
2.0	0.32	0.10	110	3.12
2.5	0.82	0.25	137.5	3.90
3.0	1.32	0.40	165	4.68
3.5	1.82	0.56	192.5	5.46
4.0	2.32	0.71	220	6.23

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T2-JAC
STREET LOCATION: JACKSON ST / 7TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
10.0	5.0	12.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H4-JA-006	6.47	-1.93	H4-HA-007	4.51	-1.94	2'-9"X3'-3" CONC	179.6	0.000

UTILITY CROSSINGS

WATER MAIN					
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW
N/A					N/A

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T2-JAC	5.22	65.4	-1.94	17.0	5.22	-1.77	1.55	2.67	4.0	10'x5'x4'

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-1.77	-0.54	0	0
0.5	-1.27	-0.39	25	0.71
1.0	-0.77	-0.23	50	1.42
1.5	-0.27	-0.08	75	2.13
2.0	0.23	0.07	100	2.83
2.5	0.73	0.22	125	3.54
3.0	1.23	0.38	150	4.25
3.5	1.73	0.53	175	4.96
4.0	2.23	0.68	200	5.67

Notes:

- Tank pipe connection assumed to be 1% minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T3-JAC
STREET LOCATION: JACKSON ST / 6TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	8.2

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H4-JA-004	4.49	-4.35	H4-JA-003	3.77	-6.18	12" VCP	230.7	0.008

UTILITY CROSSINGS

WATER MAIN					
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW
N/A					N/A

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T3-JAC	4.36	189.7	-4.68	19.9	4.36	-4.48	0.69	2.67	6.0	20'x5'x6'

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-4.48	-1.36	0	0
0.5	-3.98	-1.21	50	1.42
1.0	-3.48	-1.06	100	2.83
1.5	-2.98	-0.91	150	4.25
2.0	-2.48	-0.75	200	5.67
2.5	-1.98	-0.60	250	7.08
3.0	-1.48	-0.45	300	8.50
3.5	-0.98	-0.30	350	9.92
4.0	-0.48	-0.15	400	11.34
4.5	0.02	0.01	450	12.75
5.0	0.52	0.16	500	14.17
5.5	1.02	0.31	550	15.59
6.0	1.52	0.46	600	17.00

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # T5-JAC
STREET LOCATION: JACKSON ST / 4TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	7.4

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-JA-045	3.51	-10.05	H1-JA-044	3.12	-7.6	3'-6"X4'-0" BR	100.4	-0.024

UTILITY CROSSINGS

WATER MAIN					
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW
N/A					N/A

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
H1-JA-044	3.12	0	-7.60	24.0	3.12	-7.36	-0.55	2.67	7.5	20'x5'x7.5'

SS rough
 Stage
 ft
 0
 1.00
 2

Area
 sq ft
 100
 9.290304
 2.29

Notes:
 - Tank pipe connection assumed to be 1 % minimum slope.
 - Overflow pipe from the Tank assumed to be 12" diameter

0.45

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-7.36	-2.24	0	0
0.5	-6.86	-2.09	50	1.42
1.0	-6.36	-1.94	100	2.83
1.5	-5.86	-1.79	150	4.25
2.0	-5.36	-1.63	200	5.67
2.5	-4.86	-1.48	250	7.08
3.0	-4.36	-1.33	300	8.50
3.5	-3.86	-1.18	350	9.92
4.0	-3.36	-1.02	400	11.34
4.5	-2.86	-0.87	450	12.75
5.0	-2.36	-0.72	500	14.17
5.5	-1.86	-0.57	550	15.59
6.0	-1.36	-0.41	600	17.00
6.5	-0.86	-0.26	650	18.42
7.0	-0.36	-0.11	700	19.84
7.5	0.14	0.04	750	21.25

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: JMS
Checked by:



TANK ID # T2-MON
STREET LOCATION: MONROE ST /11TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
11.0	5.0	15.5

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H5-MO-792	3.76	-3.48	H5-11-780	5.62	-2.09	20"X3'6" CONC	222.9	-0.006

UTILY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
8"	11.3	9	4	0.17	4"	-0.50	18"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM D/S MH	INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T2-MON	4.28	160.4	-3.09	20.0	4.28	-2.89	0.61	2.67	4.5	11'x5'x4.5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.89	-0.88	0	0
0.5	-2.39	-0.73	27.5	0.78
1.0	-1.89	-0.58	55	1.56
1.5	-1.39	-0.42	82.5	2.34
2.0	-0.89	-0.27	110	3.12
2.5	-0.39	-0.12	137.5	3.90
3.0	0.11	0.03	165	4.68
3.5	0.61	0.19	192.5	5.46
4.0	1.11	0.34	220	6.23
4.5	1.61	0.49	247.5	7.01

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # T6-MON
STREET LOCATION: MONROE ST / 7TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	8.6

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H4-MO-002	7.95	0.14	H4-MO-001	4.77	-5.10	1'-9" X 3'-0" CON	207	0.025

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
8"	1.2	19	4	1.13	2"	0.47	47"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T6-MON	5.15	24.5	-4.48	20.0	5.15	-4.28	1.48	2.67	6.5	20'x5'x6.5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-4.28	-1.30	0	0
0.5	-3.78	-1.15	50	1.42
1.0	-3.28	-1.00	100	2.83
1.5	-2.78	-0.85	150	4.25
2.0	-2.28	-0.70	200	5.67
2.5	-1.78	-0.54	250	7.08
3.0	-1.28	-0.39	300	8.50
3.5	-0.78	-0.24	350	9.92
4.0	-0.28	-0.09	400	11.34
4.5	0.22	0.07	450	12.75
5.0	0.72	0.22	500	14.17
5.5	1.22	0.37	550	15.59
6.0	1.72	0.52	600	17.00
6.5	2.22	0.68	650	18.42

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: JMS
Checked by:



TANK ID # T7-MON
STREET LOCATION: MONROE ST /7TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	15.3

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-MO-062	4.71	-5.53	H1-MO-061	4.63	-5.60	26"X39" BR	35	0.002

UTILITY CROSSINGS

WATER MAIN					
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW
N/A					N/A

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T7-MON	4.65	9.89	-5.58	20.0	4.65	-5.38	0.98	2.67	7.0	20'x5'x7'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-5.38	-1.64	0	0
0.5	-4.88	-1.49	50	1.42
1.0	-4.38	-1.34	100	2.83
1.5	-3.88	-1.18	150	4.25
2.0	-3.38	-1.03	200	5.67
2.5	-2.88	-0.88	250	7.08
3.0	-2.38	-0.73	300	8.50
3.5	-1.88	-0.57	350	9.92
4.0	-1.38	-0.42	400	11.34
4.5	-0.88	-0.27	450	12.75
5.0	-0.38	-0.12	500	14.17
5.5	0.12	0.04	550	15.59
6.0	0.62	0.19	600	17.00
6.5	1.12	0.34	650	18.42
7.0	1.62	0.49	700	19.84

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: JMS
Checked by:



TANK ID # T8-MAD
STREET LOCATION: MADISON ST /11TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
11.0	5.0	12.5

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H5-MA-758	5.18	-1.50	H5-11-750	4.65	-4.55	19"X50" CONC	228	0.013

UTILITY CROSSINGS

WATER MAIN (2 UW CROSSINGS)						PSEG								
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET	SIZE/ MATERIAL	DIS FROM MH	DIS FROM CROSS	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
16"	21.7	6.6	4	0.70	6"	-0.63	14"	16"	13	15.3	3	1.79	0.45	28"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T8-MAD	4.92	113.9	-3.03	28.3	4.92	-2.74	1.25	2.67	4.5	11'x5'x4.5'

Notes:
- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter
-Assumed PSEG line at 3'

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.74	-0.84	0	0
0.5	-2.24	-0.68	27.5	0.78
1.0	-1.74	-0.53	55	1.56
1.5	-1.24	-0.38	82.5	2.34
2.0	-0.74	-0.23	110	3.12
2.5	-0.24	-0.07	137.5	3.90
3.0	0.26	0.08	165	4.68
3.5	0.76	0.23	192.5	5.46
4.0	1.26	0.38	220	6.23
4.5	1.76	0.54	247.5	7.01

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: JMS
Checked by:



TANK ID # T9-MAD
STREET LOCATION: MADISON ST /11TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
16.0	5.0	14.5

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H5-MA-758	5.18	-1.50	H5-11-750	4.65	-4.55	19"X5'0" CONC	228	0.013

UTILY CROSSINGS

PSEG							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM TANK TO CROSS	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
18"	9.5	9.6	3	1.82	-8"	0.32	27"
12 - 4" Ducts							

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
*STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T8-MAD	4.92	113.9	-3.03	19.2	4.92	-2.83	1.25	2.67	5.0	16'x5'x5'

Notes:

- Tank pipe connection assumed to be 1% minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter
- *-T8-MAD & T9-MAD connect to the same MH (MH-T8-MAD)

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.83	-0.86	0	0
0.5	-2.33	-0.71	40	1.13
1.0	-1.83	-0.56	80	2.27
1.5	-1.33	-0.41	120	3.40
2.0	-0.83	-0.25	160	4.53
2.5	-0.33	-0.10	200	5.67
3.0	0.17	0.05	240	6.80
3.5	0.67	0.20	280	7.93
4.0	1.17	0.36	320	9.07
4.5	1.67	0.51	360	10.20
5.0	2.17	0.66	400	11.34

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # T10-MAD
STREET LOCATION: MADISON ST /10TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
10.0	5.0	14.5

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H5-MA-764	2.93	-4.62	NA	NA	NA	12" VCP	NA	#VALUE!

UTLITY CROSSINGS

PSEG							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM TANK TO CROSS	APPROX. DEPTH (FT)	CROSSING TOP OF	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
18"	17.2	10.3	3	-0.24	-7"	-1.74	20"
9 - 5" PVC							>3'

TANK CONNECTIONS AND DEPTH DESIGN

*NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET INVERT	OVERFLOW INVERT	RISER/SLAB (FT)	TANK DEPTH (FT)	TANK DIMENSIONS
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)						
NA	2.93	0	-4.62	27.5	2.93	-4.35	-0.74	2.67	4.5	10'x5'x4.5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter
- *-Ties into existing MH

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-4.35	-1.33	0	0
0.5	-3.85	-1.17	25	0.71
1.0	-3.35	-1.02	50	1.42
1.5	-2.85	-0.87	75	2.13
2.0	-2.35	-0.72	100	2.83
2.5	-1.85	-0.56	125	3.54
3.0	-1.35	-0.41	150	4.25
3.5	-0.85	-0.26	175	4.96
4.0	-0.35	-0.11	200	5.67
4.5	0.15	0.05	225	6.38

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # T11-MAD
STREET LOCATION: MADISON ST / 9TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
10.0	5.0	14.5

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H5-MA-766	3.64	-5.48	H5-MA-768	3.58	-6.13	12" VCP	117	0.006

UTILITY CROSSINGS

PSEG							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM TANK TO CROSS	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
18"	8	8	3	0.52	-8"	-0.98	45"
9 - 5" PVC							

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH (FT)	TANK TOP OF CLEANOUT	OUTLET INVERT	OVERFLOW INVERT	RISER/SLAB (FT)	TANK DEPTH (FT)	TANK DIMENSIONS
STR. ID#	RIM	DIST. FROM MH	D/S INVERT							
MH-T11-MAD	3.60	51.5	-5.84	15.7	3.60	-5.69	-0.07	2.67	6.5	10'x5'x6.5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-5.69	-1.73	0	0
0.5	-5.19	-1.58	25	0.71
1.0	-4.69	-1.43	50	1.42
1.5	-4.19	-1.28	75	2.13
2.0	-3.69	-1.12	100	2.83
2.5	-3.19	-0.97	125	3.54
3.0	-2.69	-0.82	150	4.25
3.5	-2.19	-0.67	175	4.96
4.0	-1.69	-0.51	200	5.67
4.5	-1.19	-0.36	225	6.38
5.0	-0.69	-0.21	250	7.08
5.5	-0.19	-0.06	275	7.79
6.0	0.31	0.10	300	8.50
6.5	0.81	0.25	325	9.21

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # T15-MAD
STREET LOCATION: MADISON ST / 5TH & 6TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	15.2

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H1-MA-045	6.14	-3.91	H1-MA-044	6.33	-3.69	26"X3'9" BR	72.5	-0.003

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
6"	0	20.9	4	2.14	1"	1.64	55"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET INVERT	OVERFLOW INVERT	RISER/SLAB (FT)	TANK DEPTH (FT)	TANK DIMENSIONS
*STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)						
N/A	6.14	72.5	-3.91	21.0	6.14	-3.70	2.47	2.67	7.0	20'x5'x7'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-3.70	-1.13	0	0
0.5	-3.20	-0.98	50	1.42
1.0	-2.70	-0.82	100	2.83
1.5	-2.20	-0.67	150	4.25
2.0	-1.70	-0.52	200	5.67
2.5	-1.20	-0.37	250	7.08
3.0	-0.70	-0.21	300	8.50
3.5	-0.20	-0.06	350	9.92
4.0	0.30	0.09	400	11.34
4.5	0.80	0.24	450	12.75
5.0	1.30	0.40	500	14.17
5.5	1.80	0.55	550	15.59
6.0	2.30	0.70	600	17.00
6.5	2.80	0.85	650	18.42
7.0	3.30	1.01	700	19.84

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # T16-MAD
STREET LOCATION: MADISON ST / 5TH & 6TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
13.0	5.0	15.3

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H1-MA-043	5.66	-3.86	H1-MA-042	4.88	-3.80	2'6"X3'9" BR	70.5	-0.001

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
8"	0	17.5	4	1.40	2"	0.73	43"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET INVERT	OVERFLOW INVERT	RISER/SLAB (FT)	TANK DEPTH (FT)	TANK DIMENSIONS
*STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)						
MH-T16-MAD	5.40	46.7	-3.84	18.0	5.40	-3.66	1.73	2.67	6.0	13'x5'x6'

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-3.66	-1.12	0	0
0.5	-3.16	-0.96	32.5	0.92
1.0	-2.66	-0.81	65	1.84
1.5	-2.16	-0.66	97.5	2.76
2.0	-1.66	-0.51	130	3.68
2.5	-1.16	-0.35	162.5	4.61
3.0	-0.66	-0.20	195	5.53
3.5	-0.16	-0.05	227.5	6.45
4.0	0.34	0.10	260	7.37
4.5	0.84	0.26	292.5	8.29
5.0	1.34	0.41	325	9.21
5.5	1.84	0.56	357.5	10.13
6.0	2.34	0.71	390	11.05

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter
- *-T8-MAD & T9-MAD connect to the same MH (MH-T8-MAD)

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: JMS
Checked by:



TANK ID # T5-JEF
STREET LOCATION: JEFFERSON ST / 11TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
15.0	5.0	10.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H5-JE-738	6.93	-1.60	H5-11-730	6.10	-3.46	19"X30" CONC	220	0.008

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
6"	9.2	8.5	4	2.13	4"	1.63	45"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T5-JEF	6.22	33.3	-3.18	17.7	6.22	-3.00	2.55	2.67	6.5	15'x5'x6.5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-3.00	-0.92	0	0
0.5	-2.50	-0.76	37.5	1.06
1.0	-2.00	-0.61	75	2.13
1.5	-1.50	-0.46	112.5	3.19
2.0	-1.00	-0.31	150	4.25
2.5	-0.50	-0.15	187.5	5.31
3.0	0.00	0.00	225	6.38
3.5	0.50	0.15	262.5	7.44
4.0	1.00	0.30	300	8.50
4.5	1.50	0.46	337.5	9.56
5.0	2.00	0.61	375	10.63
5.5	2.50	0.76	412.5	11.69
6.0	3.00	0.91	450	12.75
6.5	3.50	1.07	487.5	13.82

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: JMS
Checked by:



TANK ID # T6-JEF
STREET LOCATION: JEFFERSON ST / 9TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	10.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H5-JE-744	6.13	-1.90	H5-JE-742	5.65	-3.86	12" VCP	271.7	0.007

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
8"	3.7	12.2	4	1.88	3"	1.21	35"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T6-JEF	5.92	151.4	-2.77	16.0	5.92	-2.61	2.25	2.67	5.5	20'x5'x5.5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.61	-0.80	0	0
0.5	-2.11	-0.64	50	1.42
1.0	-1.61	-0.49	100	2.83
1.5	-1.11	-0.34	150	4.25
2.0	-0.61	-0.19	200	5.67
2.5	-0.11	-0.03	250	7.08
3.0	0.39	0.12	300	8.50
3.5	0.89	0.27	350	9.92
4.0	1.39	0.42	400	11.34
4.5	1.89	0.58	450	12.75
5.0	2.39	0.73	500	14.17
5.5	2.89	0.88	550	15.59

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # T7-JEF
STREET LOCATION: JEFFERSON ST / 3RD ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	13.5

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-JE-031	3.61	-6.46	H1-JE-030	4.43	-4.00	48" CONC	45.2	-0.054

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
8"	5.1	8.1	4	0.05	4"	-0.62	40"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T7-JEF	4.10	18.3	-5.00	13.2	4.10	-4.86	0.43	2.67	6.0	20'x5'x6'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-4.86	-1.48	0	0
0.5	-4.36	-1.33	50	1.42
1.0	-3.86	-1.18	100	2.83
1.5	-3.36	-1.03	150	4.25
2.0	-2.86	-0.87	200	5.67
2.5	-2.36	-0.72	250	7.08
3.0	-1.86	-0.57	300	8.50
3.5	-1.36	-0.42	350	9.92
4.0	-0.86	-0.26	400	11.34
4.5	-0.36	-0.11	450	12.75
5.0	0.14	0.04	500	14.17
5.5	0.64	0.19	550	15.59
6.0	1.14	0.35	600	17.00

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # T8-JEF
STREET LOCATION: JEFFERSON ST / 1ST & 2ND ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	17.8

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-JE-024	4.40	-2.98	H1-JE-023	4.56	-3.05	48" CONC	79.8	0.001

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
6"	8.2	11.8	4	0.48	4"	-0.02	23"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
H1-JE-023	4.56	0	-3.05	20.0	4.56	-2.85	0.89	2.67	4.5	20'x5'x4.5'

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.85	-0.87	0	0
0.5	-2.35	-0.72	50	1.42
1.0	-1.85	-0.56	100	2.83
1.5	-1.35	-0.41	150	4.25
2.0	-0.85	-0.26	200	5.67
2.5	-0.35	-0.11	250	7.08
3.0	0.15	0.05	300	8.50
3.5	0.65	0.20	350	9.92
4.0	1.15	0.35	400	11.34
4.5	1.65	0.50	450	12.75

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # T3-ADM
STREET LOCATION: ADAMS ST / 11TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	14.7

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H5-AD-716	6.07	-2.13	H5-AD-714	5.51	-2.46	12 VCP	107.7	0.003

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
8"	2.9	19.5	4	1.73	2"	1.06	28"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T3-ADM	5.76	47.6	-2.31	22.0	5.76	-2.09	2.09	2.67	5.0	20'x5'x5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.09	-0.64	0	0
0.5	-1.59	-0.49	50	1.42
1.0	-1.09	-0.33	100	2.83
1.5	-0.59	-0.18	150	4.25
2.0	-0.09	-0.03	200	5.67
2.5	0.41	0.12	250	7.08
3.0	0.91	0.28	300	8.50
3.5	1.41	0.43	350	9.92
4.0	1.91	0.58	400	11.34
4.5	2.41	0.73	450	12.75
5.0	2.91	0.89	500	14.17

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # T6-ADM
STREET LOCATION: ADAMS ST / 11TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
12.0	5.0	15.6

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H4-AD-009	6.00	-0.93	H4-AD-010	6.00	-0.92	2'6"X3'9" CONC	39.7	0.000

UTILITY CROSSINGS

WATER MAIN					
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW
N/A					N/A

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM D/S MH	INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T6-ADM	6.00	19.7	-0.92	19.0	6.00	-0.73	2.33	2.67	4.0	12'x5'x4'

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-0.73	-0.22	0	0
0.5	-0.23	-0.07	30	0.85
1.0	0.27	0.08	60	1.70
1.5	0.77	0.23	90	2.55
2.0	1.27	0.39	120	3.40
2.5	1.77	0.54	150	4.25
3.0	2.27	0.69	180	5.10
3.5	2.77	0.84	210	5.95
4.0	3.27	1.00	240	6.80

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # T8-ADM
STREET LOCATION: ADAMS ST / 5TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
17.0	5.0	15.4

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-AD-044	5.97	-2.80	H1-AD-043	5.35	-2.68	2'6"X3'9" CONC	91.8	-0.001

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
8"	7.8	14.3	4	1.45	3"	0.78	29"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM D/S MH	INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T8-ADM	5.52	25.7	-2.71	22.0	5.52	-2.49	1.85	2.67	5.0	17'x5'x5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.49	-0.76	0	0
0.5	-1.99	-0.61	42.5	1.20
1.0	-1.49	-0.46	85	2.41
1.5	-0.99	-0.30	127.5	3.61
2.0	-0.49	-0.15	170	4.82
2.5	0.01	0.00	212.5	6.02
3.0	0.51	0.15	255	7.23
3.5	1.01	0.31	297.5	8.43
4.0	1.51	0.46	340	9.64
4.5	2.01	0.61	382.5	10.84
5.0	2.51	0.76	425	12.04

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # T9-ADM
STREET LOCATION: ADAMS ST / 3RD ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	15.4

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-AD-036	4.79	-4.26	H1-AD-035	3.81	-6.66	2'6"X3'9" CONC	170.5	0.014

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
8"	5.4	8.3	4	0.05	4"	-0.61	51"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM D/S MH	INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T9-ADM	4.11	51.5	-5.94	14.0	4.11	-5.80	0.44	2.67	7.0	20'x5'x7'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-5.80	-1.77	0	0
0.5	-5.30	-1.61	50	1.42
1.0	-4.80	-1.46	100	2.83
1.5	-4.30	-1.31	150	4.25
2.0	-3.80	-1.16	200	5.67
2.5	-3.30	-1.00	250	7.08
3.0	-2.80	-0.85	300	8.50
3.5	-2.30	-0.70	350	9.92
4.0	-1.80	-0.55	400	11.34
4.5	-1.30	-0.39	450	12.75
5.0	-0.80	-0.24	500	14.17
5.5	-0.30	-0.09	550	15.59
6.0	0.20	0.06	600	17.00
6.5	0.70	0.21	650	18.42
7.0	1.20	0.37	700	19.84

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # T3-GND
STREET LOCATION: GRAND ST / 8TH & 9TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
10.0	5.0	17.9

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H4-GR-011	7.45	-2.72	H4-GR-010	6.20	-0.95	19"X30" CONC	241.8	-0.007

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
6"	17.4	10.6	4	2.92	5"	2.42	41"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T3-GND	7.09	172.4	-2.21	28.0	7.09	-1.93	3.42	2.67	6.0	10'x5'x6'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-1.93	-0.59	0	0
0.5	-1.43	-0.44	25	0.71
1.0	-0.93	-0.28	50	1.42
1.5	-0.43	-0.13	75	2.13
2.0	0.07	0.02	100	2.83
2.5	0.57	0.17	125	3.54
3.0	1.07	0.33	150	4.25
3.5	1.57	0.48	175	4.96
4.0	2.07	0.63	200	5.67
4.5	2.57	0.78	225	6.38
5.0	3.07	0.94	250	7.08
5.5	3.57	1.09	275	7.79
6.0	4.07	1.24	300	8.50

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # T4-GND
STREET LOCATION: GRAND ST / 8TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	15.9

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H4-GR-009	5.77	-0.49	H4-GR-008	6.30	-0.73	3'0"X3'9" BR	49.2	0.005

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
6"	12	8.6	4	2.18	4"	1.68	15"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM D/S MH	INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
H4-GR-008	6.30	0	-0.73	21.0	6.30	-0.52	2.63	2.67	4.0	20'x5'x4'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-0.52	-0.16	0	0
0.5	-0.02	-0.01	50	1.42
1.0	0.48	0.15	100	2.83
1.5	0.98	0.30	150	4.25
2.0	1.48	0.45	200	5.67
2.5	1.98	0.60	250	7.08
3.0	2.48	0.76	300	8.50
3.5	2.98	0.91	350	9.92
4.0	3.48	1.06	400	11.34

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # T5-GND
STREET LOCATION: GRAND ST / 7TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	16.8

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-GR-054	5.61	-5.71	H4-GR-053	5.60	-2.50	3'0"X3'9" BR	51.3	-0.063

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF	CLEARANCE W/OUTLET
8"	10.7	8.4	4	1.50	4"	0.83	46"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)	(FT)	INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T5-GND	5.61	26.3	-4.15	19.0	5.61	-3.96	1.94	2.67	6.5	20'x5'x6.5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-3.96	-1.21	0	0
0.5	-3.46	-1.05	50	1.42
1.0	-2.96	-0.90	100	2.83
1.5	-2.46	-0.75	150	4.25
2.0	-1.96	-0.60	200	5.67
2.5	-1.46	-0.44	250	7.08
3.0	-0.96	-0.29	300	8.50
3.5	-0.46	-0.14	350	9.92
4.0	0.04	0.01	400	11.34
4.5	0.54	0.17	450	12.75
5.0	1.04	0.32	500	14.17
5.5	1.54	0.47	550	15.59
6.0	2.04	0.62	600	17.00
6.5	2.54	0.78	650	18.42

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # T6-GND
STREET LOCATION: GRAND ST / 6TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
15.0	5.0	15.8

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-GR-046	5.45	-2.47	H1-GR-045	5.61	-2.50	3'0"X3'6" BR	49.2	0.001

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
8"	12.5	13	4	1.49	4"	0.82	26"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
H1-GR-045	5.61	0	-2.50	25.6	5.61	-2.24	1.94	2.67	5.0	15'x5'x5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.24	-0.68	0	0
0.5	-1.74	-0.53	37.5	1.06
1.0	-1.24	-0.38	75	2.13
1.5	-0.74	-0.23	112.5	3.19
2.0	-0.24	-0.07	150	4.25
2.5	0.26	0.08	187.5	5.31
3.0	0.76	0.23	225	6.38
3.5	1.26	0.38	262.5	7.44
4.0	1.76	0.54	300	8.50
4.5	2.26	0.69	337.5	9.56
5.0	2.76	0.84	375	10.63

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # T2-BLM
STREET LOCATION: BLOOMFIELD ST / 4TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
15.0	5.0	28.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-BL-037A	12.13	2.73	H1-BL-037	11.38	1.98	2'-6"X3'-9" BR	65.3	0.011

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
6"	8.4	8.5	4	8.05	4"	7.55	45"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
H1-BL-037A	12.13	65.3	2.73	17.0	12.13	2.90	8.46	2.67	6.5	15'x5'x6.5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	2.90	0.88	0	0
0.5	3.40	1.04	37.5	1.06
1.0	3.90	1.19	75	2.13
1.5	4.40	1.34	112.5	3.19
2.0	4.90	1.49	150	4.25
2.5	5.40	1.65	187.5	5.31
3.0	5.90	1.80	225	6.38
3.5	6.40	1.95	262.5	7.44
4.0	6.90	2.10	300	8.50
4.5	7.40	2.26	337.5	9.56
5.0	7.90	2.41	375	10.63
5.5	8.40	2.56	412.5	11.69
6.0	8.90	2.71	450	12.75
6.5	9.40	2.87	487.5	13.82

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # T1-GAR
STREET LOCATION: GARDEN ST / 4TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	36.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H4-GA-001	8.47	-1.91	H4-04-008	9.05	-4.10	7'-0"X4'-9" CONC	42.1	0.052

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
6"	0	22.3	4	4.47	1"	3.97	59"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
H4-GA-001	8.47	42.1	-1.91	22.3	8.47	-1.69	4.80	2.67	7.0	20'x5'x7'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-1.69	-0.51	0	0
0.5	-1.19	-0.36	50	1.42
1.0	-0.69	-0.21	100	2.83
1.5	-0.19	-0.06	150	4.25
2.0	0.31	0.10	200	5.67
2.5	0.81	0.25	250	7.08
3.0	1.31	0.40	300	8.50
3.5	1.81	0.55	350	9.92
4.0	2.31	0.71	400	11.34
4.5	2.81	0.86	450	12.75
5.0	3.31	1.01	500	14.17
5.5	3.81	1.16	550	15.59
6.0	4.31	1.31	600	17.00
6.5	4.81	1.47	650	18.42
7.0	5.31	1.62	700	19.84

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # TD1-4ST
STREET LOCATION: 4TH ST / GRAND ST & CLINTON ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
12.0	5.0	18.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H3-CL-015B	5.54	-3.12	H1-CL-036	4.17	-2.71	2'-0"X3'-0" WD	149.1	-0.003

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
8"	16	35	4	0.29	3"	-0.38	16"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-T2-4STB	4.45	30	-2.79	12.9	4.70	-2.22	1.03	2.67	4.0	12'x5'x4'
MH-TD1-4ST	4.70	50.9	-2.28							

Notes:
- Tank pipe connection assumed to be 1% minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M³)
0.0	-2.22	-0.68	0	0
0.5	-1.72	-0.52	30	0.85
1.0	-1.22	-0.37	60	1.70
1.5	-0.72	-0.22	90	2.55
2.0	-0.22	-0.07	120	3.40
2.5	0.28	0.09	150	4.25
3.0	0.78	0.24	180	5.10
3.5	1.28	0.39	210	5.95
4.0	1.78	0.54	240	6.80

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # TD1-WIL
STREET LOCATION: WILLOW ST / 4TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	16.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H3-WI-021	6.00	-2.20	H3-WI-021A	5.30	-2.00	2'6"X4'0" BR	58.9	-0.003

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
12"	11.6	6.5	4	1.59	5"	0.59	19"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-TD1-WIL	5.70	34	-2.12	18.1	5.70	-1.93	2.03	2.67	4.5	20'x5'x4.5'

Notes:
- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-1.93	-0.59	0	0
0.5	-1.43	-0.44	50	1.42
1.0	-0.93	-0.28	100	2.83
1.5	-0.43	-0.13	150	4.25
2.0	0.07	0.02	200	5.67
2.5	0.57	0.17	250	7.08
3.0	1.07	0.32	300	8.50
3.5	1.57	0.48	350	9.92
4.0	2.07	0.63	400	11.34
4.5	2.57	0.78	450	12.75

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/7/2015
Prepared by: WRG
Checked by:



TANK ID # TD12-13ST
STREET LOCATION: 13TH ST / JACKSON STREET

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
18.0	5.0	13.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H7-CL-010	6.70	-3.33	H5-CL-648	7.4	-3.18	19"X30" CONC	324	0.000

UTILY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
8"	11.9	41.4	4	2.93	3"	2.26	53"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-TD12-13STB	7.05	163	-3.26	6.4	7.31	-2.66	3.64	2.67	7.0	18'x5'x7'
MH-TD12-13STA	7.31	53.3	-2.72							

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.66	-0.81	0	0
0.5	-2.16	-0.66	45	1.28
1.0	-1.66	-0.51	90	2.55
1.5	-1.16	-0.35	135	3.83
2.0	-0.66	-0.20	180	5.10
2.5	-0.16	-0.05	225	6.38
3.0	0.34	0.10	270	7.65
3.5	0.84	0.26	315	8.93
4.0	1.34	0.41	360	10.20
4.5	1.84	0.56	405	11.48
5.0	2.34	0.71	450	12.75
5.5	2.84	0.87	495	14.03
6.0	3.34	1.02	540	15.30
6.5	3.84	1.17	585	16.58
7.0	4.34	1.32	630	17.85

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # TD14-CLA
STREET LOCATION: CLINTON ST / 4TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	15.6

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H3-CL-015B	5.54	-3.12	H1-CL-036	4.17	-2.71	2'0"X3'0" WD	149	-0.003

UTILITY CROSSINGS					
WATER MAIN					
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW
N/A					N/A

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM D/S MH	INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-TD14-CLA	5.02	92	-2.96	22.0	5.02	-2.74	1.35	2.67	5.0	20'x5'x5'

Notes:
- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-2.74	-0.84	0	0
0.5	-2.24	-0.68	50	1.42
1.0	-1.74	-0.53	100	2.83
1.5	-1.24	-0.38	150	4.25
2.0	-0.74	-0.23	200	5.67
2.5	-0.24	-0.07	250	7.08
3.0	0.26	0.08	300	8.50
3.5	0.76	0.23	350	9.92
4.0	1.26	0.38	400	11.34
4.5	1.76	0.54	450	12.75
5.0	2.26	0.69	500	14.17

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # TD23-CLA
STREET LOCATION: CLINTON ST / 6TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
18.0	5.0	15.6

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H3-CL-007	5.60	-1.70	h3-cl-008	6.04	-2.06	2'6"X3'6" BR	89.8	0.004

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
6"	3.7	14	4	1.75	3"	1.25	24"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-TD23-CLA	5.79	52	-1.85	22.7	5.79	-1.62	2.12	2.67	4.5	18'x5'x4.5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-1.62	-0.50	0	0
0.5	-1.12	-0.34	45	1.28
1.0	-0.62	-0.19	90	2.55
1.5	-0.12	-0.04	135	3.83
2.0	0.38	0.11	180	5.10
2.5	0.88	0.27	225	6.38
3.0	1.38	0.42	270	7.65
3.5	1.88	0.57	315	8.93
4.0	2.38	0.72	360	10.20
4.5	2.88	0.88	405	11.48

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # TD25-WIL
STREET LOCATION: WILLOW ST / 16TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
16.0	5.0	16.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H7-WI-009	5.54	-1.61	H7-WI-010	6.40	-0.34	21" RCP	210.6	-0.006

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
12"	8.5	10.6	4	1.78	4"	0.78	10"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
MH-TD25-WIL	5.86	131.9	-1.14	19.1	5.86	-0.94	2.19	2.67	4.0	16'x5'x4'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-0.94	-0.29	0	0
0.5	-0.44	-0.14	40	1.13
1.0	0.06	0.02	80	2.27
1.5	0.56	0.17	120	3.40
2.0	1.06	0.32	160	4.53
2.5	1.56	0.47	200	5.67
3.0	2.06	0.63	240	6.80
3.5	2.56	0.78	280	7.93
4.0	3.06	0.93	320	9.07

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # TD30-CLA
STREET LOCATION: CLINTON ST / 8TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
18.0	5.0	15.6

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H4-CL-018	6.17	-3.38	H4-CL-020	6.73	-0.34	24" BR	190.1	-0.016

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
12"	18.6	10.3	4	2.54	5"	1.54	8"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH (FT)	TANK TOP OF CLEANOUT 6.73	OUTLET INVERT -0.05	OVERFLOW INVERT 3.06	RISER/SLAB (FT) 2.67	TANK DEPTH (FT) 4.0	TANK DIMENSIONS 18'x5'x4'
STR. ID#	RIM	DIST. FROM	D/S MH INVERT							
H4-CL-020	6.73		0	-0.34	29.2					

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-0.05	-0.01	0	0
0.5	0.45	0.14	45	1.28
1.0	0.95	0.29	90	2.55
1.5	1.45	0.44	135	3.83
2.0	1.95	0.60	180	5.10
2.5	2.45	0.75	225	6.38
3.0	2.95	0.90	270	7.65
3.5	3.45	1.05	315	8.93
4.0	3.95	1.20	360	10.20

Notes:
- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # TD31-CLA
STREET LOCATION: CLINTON ST / 12TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
12.0	5.0	15.9

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H5-CL-662	9.65	1.25	H5-CL-660	10.14	1.48	24" BR	35.4	-0.006

UTILITY CROSSINGS

WATER MAIN					
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW
N/A					N/A

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
H5-CL-660	10.14	0	1.48	19.4	10.14	1.67	6.47	2.67	5.5	12'x5'x5.5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	1.67	0.51	0	0
0.5	2.17	0.66	30	0.85
1.0	2.67	0.82	60	1.70
1.5	3.17	0.97	90	2.55
2.0	3.67	1.12	120	3.40
2.5	4.17	1.27	150	4.25
3.0	4.67	1.43	180	5.10
3.5	5.17	1.58	210	5.95
4.0	5.67	1.73	240	6.80
4.5	6.17	1.88	270	7.65
5.0	6.67	2.03	300	8.50
5.5	7.17	2.19	330	9.35

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # TD4-OBS
STREET LOCATION: OBS HWY / WILLOW ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	19.8

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/ MATERIAL	LENGTH (FT)	SLOPE (FT/FT)
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT			
H1-OB-073C	5.29	-2.91	H1-OB-071	4.64	-5.82	40"X8'0" BR	91.2	0.032

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
16"	16.7	34.1	4	0.47	2"	-0.86	46"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
H1-OB-071	4.64	0	-5.82	50.7	4.64	-5.31	0.97	2.67	7.0	20'x5'x7'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-5.31	-1.62	0	0
0.5	-4.81	-1.47	50	1.42
1.0	-4.31	-1.31	100	2.83
1.5	-3.81	-1.16	150	4.25
2.0	-3.31	-1.01	200	5.67
2.5	-2.81	-0.86	250	7.08
3.0	-2.31	-0.71	300	8.50
3.5	-1.81	-0.55	350	9.92
4.0	-1.31	-0.40	400	11.34
4.5	-0.81	-0.25	450	12.75
5.0	-0.31	-0.10	500	14.17
5.5	0.19	0.06	550	15.59
6.0	0.69	0.21	600	17.00
6.5	1.19	0.36	650	18.42
7.0	1.69	0.51	700	19.84

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # TD6-WIL
STREET LOCATION: WILLOW ST / 5TH ST

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
20.0	5.0	16.0

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H3-WI-014	5.54	-2.26	H3-WI-015	5.68	-1.87	2'6"X4'0" BR	36.9	-0.011

UTILITY CROSSINGS

WATER MAIN							
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW	CROSSING BOTTOM OF PIPE	CLEARANCE W/OUTLET
12"	10.9	4.9	4	1.57	5"	0.57	16"

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
H3-WI-015	5.68	0	-1.87	15.8	5.68	-1.71	2.01	2.67	4.5	20'x5'x4.5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-1.71	-0.52	0	0
0.5	-1.21	-0.37	50	1.42
1.0	-0.71	-0.22	100	2.83
1.5	-0.21	-0.06	150	4.25
2.0	0.29	0.09	200	5.67
2.5	0.79	0.24	250	7.08
3.0	1.29	0.39	300	8.50
3.5	1.79	0.55	350	9.92
4.0	2.29	0.70	400	11.34
4.5	2.79	0.85	450	12.75

Project Description: REBUILD BY DESIGN - HUDSON RIVER PROJECT
Project #: 50074974
Date: 10/9/2015
Prepared by: WRG
Checked by:



TANK ID # TD8-GAR
STREET LOCATION: GARDEN ST / OBS HWY

TANK DIMENSIONS		SIDEWALK
LENGTH (FT)	WIDTH (FT)	WIDTH (FT)
11.0	5.0	19.8

EXISTING NHSA STREET SEWER MAIN								
MANHOLE UPSTREAM			MANHOLE DOWNSTREAM			SEWER SIZE/	LENGTH	SLOPE
STR. ID#	RIM	INVERT	STR. ID#	RIM	INVERT	MATERIAL	(FT)	(FT/FT)
H1-GA-013	4.10	-4.06	H1-GA-012	4.46	-3.91	45" BR	57.2	-0.003

UTILITY CROSSINGS

WATER MAIN					
SIZE/ MATERIAL	DIS FROM MH TO	DIS FROM CROSS TO TANK	APPROX. DEPTH (FT)	CROSSING TOP OF PIPE	CLEARANCE W/OVERFLOW
N/A					N/A

TANK CONNECTIONS AND DEPTH DESIGN

NEW MANHOLE				OUTLET LENGTH	TANK TOP OF CLEANOUT	OUTLET	OVERFLOW	RISER/SLAB	TANK DEPTH	TANK
STR. ID#	RIM	DIST. FROM MH	D/S INVERT	(FT)		INVERT	INVERT	(FT)	(FT)	DIMENSIONS
H1-GA-012	4.46	0	-3.91	21.9	4.46	-3.69	0.79	2.67	5.0	11'x5'x5'

Notes:

- Tank pipe connection assumed to be 1 % minimum slope.
- Overflow pipe from the Tank assumed to be 12" diameter

STAGE DEPTH	STAGE ELEV. (FT)	STAGE ELEV. (M)	VOLUME (CF)	VOLUME (M ³)
0.0	-3.69	-1.13	0	0
0.5	-3.19	-0.97	27.5	0.78
1.0	-2.69	-0.82	55	1.56
1.5	-2.19	-0.67	82.5	2.34
2.0	-1.69	-0.52	110	3.12
2.5	-1.19	-0.36	137.5	3.90
3.0	-0.69	-0.21	165	4.68
3.5	-0.19	-0.06	192.5	5.46
4.0	0.31	0.09	220	6.23
4.5	0.81	0.25	247.5	7.01
5.0	1.31	0.40	275	7.79

VENTION TANKS STORAGE VOLUME SUMMARY

TANK COUNT	TANK ID	Type	LOCATION	TANK DIMENSIONS				VOLUME		
				LENGTH (FT)	WIDTH (FT)	DEPTH (FT)	SELECTED DEPTH (FT)	(CF)	(CM)	(Gal)
1	T3-OBS	GREEN_GREY_TANK	OBSERVER HWY / JEFFERSON ST	20.0	5.0	4.5	4.5	450.0	12.75	3,368.79
2	T5-OBS	GREY_TANK	OBSERVER HWY / MADISON ST	20.0	5.0	5.5	5.5	550.0	15.59	4,117.42
3	T7-OBS	GREY_TANK	OBSERVER HWY / JACKSON ST	20.0	5.0	4.5	4.5	450.0	12.75	3,368.79
4	T1-NEW	GREEN_GREY_TANK	NEWARK ST / WILLOW AVE	20.0	5.0	6.0	6.0	600.0	17.00	4,491.73
5	T6-NEW	GREY_TANK	NEWARK ST / MONROE ST	20.0	5.0	4.5	4.5	450.0	12.75	3,368.79
6	T2-2ST	GREEN_GREY_TANK	2ND ST / JACKSON ST	16.0	5.0	8.0	8.0	640.0	18.14	4,791.17
7	T3-3ST	GREEN_GREY_TANK	3RD ST / JEFFERSON ST & ADAMS ST	16.0	5.0	6.5	6.5	520.0	14.74	3,892.83
8	T2-4ST	GREEN_GREY_TANK	4TH ST / GRAND ST & CLINTON ST	14.0	5.0	4.0	4.0	280.0	7.93	2,096.14
9	T3-4ST	GREY_TANK	4TH ST / ADAMS STREET	15.0	5.0	4.5	4.5	337.5	9.56	2,526.60
10	T4-4ST	GREEN_GREY_TANK	4TH ST / MONROE ST & MADISON ST	18.0	5.0	8.5	8.5	765.0	21.68	5,726.95
11	T6-4ST	GREEN_GREY_TANK	5TH ST / MADISON ST	17.0	5.0	4.5	4.5	382.5	10.84	2,863.48
12	T2-5ST	GREEN_GREY_TANK	5TH ST / ADAMS ST	17.0	5.0	4.5	4.5	382.5	10.84	2,863.48
13	T4-5ST	GREEN_GREY_TANK	5TH ST / MADISON STREET	20.0	5.0	5.5	5.5	550.0	15.59	4,117.42
14	T5-5ST	GREY_TANK	5TH ST / JACKSON STREET	20.0	4.0	7.5	7.5	600.0	17.00	4,491.73
15	T6-5ST	CURB_BUMPOUT_TANKS	5TH ST / MONROE STREET	20.0	5.0	9.5	9.5	950.0	26.92	7,111.90
16	T7-5ST	GREY_TANK	5TH ST / JACKSON STREET	12.0	5.0	7.5	7.5	450.0	12.75	3,368.79
17	T1-6ST	GREEN_GREY_TANK	6TH ST / ADAMS ST & GRAND ST	16.0	5.0	6.5	6.5	520.0	14.74	3,892.83
18	T2-6ST	GREEN_GREY_TANK	6TH ST / MADISON ST & JEFFERSON ST	20.0	5.0	4.5	4.5	450.0	12.75	3,368.79
19	T3-6ST	GREEN_GREY_TANK	6TH ST / MADISON ST	15.0	5.0	5.5	5.5	412.5	11.69	3,088.06
20	T4-6ST	GREY_TANK	6TH ST / MONROE ST	20.0	4.0	9.0	9.0	720.0	20.40	5,390.07
21	T1-7ST	GREEN_GREY_TANK	7TH ST / MONROE ST	20.0	5.0	5.5	5.5	550.0	15.59	4,117.42
22	T2-7ST	GREEN_GREY_TANK	7TH ST / HARRISON ST & JACKSON ST	20.0	5.0	7.0	7.0	700.0	19.84	5,240.35
23	T5-9ST	GREEN_GREY_TANK	9TH ST / GRAND ST	16.0	5.0	6.0	6.0	480.0	13.60	3,593.38
24	T1-HAR	GREEN_GREY_TANK	HARRISON ST / 6TH ST	11.0	5.0	4.0	4.0	220.0	6.23	1,646.97
25	T2-JAC	GREEN_GREY_TANK	JACKSON ST / 7TH ST	10.0	5.0	4.0	4.0	200.0	5.67	1,497.24
26	T3-JAC	GREY_TANK	JACKSON ST / 6TH ST	20.0	5.0	6.0	6.0	600.0	17.00	4,491.73
27	T5-JAC	GREY_TANK	JACKSON ST / 4TH ST	20.0	5.0	7.5	7.5	750.0	21.25	5,614.66
28	T2-MON	GREEN_GREY_TANK	MONROE ST / 11TH ST	11.0	5.0	4.5	4.5	247.5	7.01	1,852.84
29	T6-MON	CURB_BUMPOUT_TANKS	MONROE ST / 7TH ST	20.0	5.0	6.5	6.5	650.0	18.42	4,866.04
30	T7-MON	GREEN_GREY_TANK	MONROE ST / 7TH ST	20.0	5.0	7.0	7.0	700.0	19.84	5,240.35
31	T8-MAD	GREEN_GREY_TANK	MADISON ST / 11TH ST	11.0	5.0	4.5	4.5	247.5	7.01	1,852.84
32	T9-MAD	GREEN_GREY_TANK	MADISON ST / 11TH ST	16.0	5.0	5.0	5.0	400.0	11.34	2,994.48
33	T10-MAD	GREEN_GREY_TANK	MADISON ST / 10TH ST	10.0	5.0	4.5	4.5	225.0	6.38	1,684.40
34	T11-MAD	GREEN_GREY_TANK	MADISON ST / 9TH ST	10.0	5.0	6.5	6.5	325.0	9.21	2,433.02
35	T15-MAD	GREEN_GREY_TANK	MADISON ST / 5TH & 6TH ST	20.0	5.0	7.0	7.0	700.0	19.84	5,240.35
36	T16-MAD	GREEN_GREY_TANK	MADISON ST / 5TH & 6TH ST	13.0	5.0	6.0	6.0	390.0	11.05	2,919.62
37	T5-JEF	GREEN_GREY_TANK	JEFFERSON ST / 11TH ST	15.0	5.0	6.5	6.5	487.5	13.82	3,649.53
38	T6-JEF	GREEN_GREY_TANK	JEFFERSON ST / 9TH ST	20.0	5.0	5.5	5.5	550.0	15.59	4,117.42
39	T7-JEF	GREEN_GREY_TANK	JEFFERSON ST / 3RD ST	20.0	5.0	6.0	6.0	600.0	17.00	4,491.73
40	T8-JEF	GREEN_GREY_TANK	JEFFERSON ST / 1ST & 2ND ST	20.0	5.0	4.5	4.5	450.0	12.75	3,368.79
41	T3-ADM	GREEN_GREY_TANK	ADAMS ST / 11TH ST	20.0	5.0	5.0	5.0	500.0	14.17	3,743.10
42	T6-ADM	GREEN_GREY_TANK	ADAMS ST / 11TH ST	12.0	5.0	4.0	4.0	240.0	6.80	1,796.69
43	T8-ADM	GREEN_GREY_TANK	ADAMS ST / 5TH ST	17.0	5.0	5.0	5.0	425.0	12.04	3,181.64
44	T9-ADM	GREEN_GREY_TANK	ADAMS ST / 3RD ST	20.0	5.0	7.0	7.0	700.0	19.84	5,240.35
45	T3-GND	GREEN_GREY_TANK	GRAND ST / 8TH & 9TH ST	10.0	5.0	6.0	6.0	300.0	8.50	2,245.86
46	T4-GND	GREEN_GREY_TANK	GRAND ST / 8TH ST	20.0	5.0	4.0	4.0	400.0	11.34	2,994.48
47	T5-GND	GREEN_GREY_TANK	GRAND ST / 7TH ST	20.0	5.0	6.5	6.5	650.0	18.42	4,866.04
48	T6-GND	GREEN_GREY_TANK	GRAND ST / 6TH ST	15.0	5.0	5.0	5.0	375.0	10.63	2,807.33
49	T2-BLM	GREEN_GREY_TANK	BLOOMFIELD ST / 4TH ST	15.0	5.0	6.5	6.5	487.5	13.82	3,649.53
50	T1-GAR	GREY_TANK	GARDEN ST / 4TH ST	20.0	5.0	7.0	7.0	700.0	19.84	5,240.35
51	TD1-4ST	GREEN_GREY_TANK	4TH ST / GRAND ST & CLINTON ST	12	5.0	4	4	240.0	6.80	1,796.69
52	TD1-WIL	GREEN_GREY_TANK	WILLOW ST / 4TH ST	20	5	4.5	4.5	450.0	12.75	3,368.79
53	TD12-13ST	GREEN_GREY_TANK	13TH ST / JACKSON STREET	18	5	7	7.0	630.0	17.85	4,716.31
54	TD14-CLA	GREEN_GREY_TANK	CLINTON ST / 4TH ST	20	5	5	5.0	500.0	14.17	3,743.10
55	TD23-CLA	GREEN_GREY_TANK	CLINTON ST / 6TH ST	18	5	4.5	4.5	405.0	11.48	3,031.91
56	TD25-WIL	GREEN_GREY_TANK	WILLOW ST / 16TH ST	16	5	4	4.0	320.0	9.07	2,395.59
57	TD30-CLA	GREEN_GREY_TANK	CLINTON ST / 8TH ST	18	5	4	4.0	360.0	10.20	2,695.04
58	TD31-CLA	GREEN_GREY_TANK	CLINTON ST / 12TH ST	12	5	5.5	5.5	330.0	9.35	2,470.45
59	TD4-OBS	GREEN_GREY_TANK	OBS HWY / WILLOW ST	20	5	7	7.0	700.0	19.84	5,240.35
60	TD6-WIL	GREEN_GREY_TANK	WILLOW ST / 5TH ST	20	5	4.5	4.5	450.0	12.75	3,368.79
61	TD8-GAR	GREEN_GREY_TANK	GARDEN ST / OBS HWY	11	5	5	5.0	275.0	7.79	2,058.71
	TOTAL VOLUME									219,869.97

Appendix N

MIKE URBAN and MIKE FLOOD Model Results
for Proposed Delay, Store, Discharge (DSD) Alternative

MIKE URBAN Hydrology Results

Proposed DSD Alternatives: 5-Year Rainfall Event

MOUSE Runoff Computation Engine x64 v2014 Release Version (14.0.0.9034)

MOUSE Runoff Model UHM Status Report

File Overview

Working dir : C:\Projects\50074974\MIKEURBAN\ProposedAlternatives\
Hydrological data file : RO_Prop_5yrProposedAlt.mex
Sewer network data : RO_Prop_5yrProposedAlt.mex
Result File : RO_Prop_5yrProposedAlt.CRF

Time Overview

Simulation start date : 2011-08-27 09:00:00
Simulation end date : 2011-08-28 09:00:00
Simulation time step [s] : 60

Simulation Result Summary

Catchment Result Summary**Catchment runoff hydrograph summary**

CatchmentID	Rain Event	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum
		[m ³ /s]	[m ³ /s]	[m ³]		
14VO-1		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-10		0.000	0.007	75.794	2011-08-27 09:00:00	2011-08-27 22:00:00
14VO-11		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-12		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-13		0.000	0.113	1025.330	2011-08-27 09:00:00	2011-08-27 22:02:00
14VO-14		0.000	0.024	272.996	2011-08-27 09:00:00	2011-08-27 22:00:00
14-VO15		0.000	0.035	315.125	2011-08-27 09:00:00	2011-08-27 22:02:00
14VO-2		0.000	0.008	88.513	2011-08-27 09:00:00	2011-08-27 22:00:00
14VO-3		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-4		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-5		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-6		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-7		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-8		0.000	0.007	79.209	2011-08-27 09:00:00	2011-08-27 22:00:00
14VO-9		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
BASF		0.000	1.147	20505.382	2011-08-27 09:00:00	2011-08-27 23:22:00
Block 12_A4		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
Block 12_A5		0.000	0.001	10.419	2011-08-27 09:00:00	2011-08-27 22:00:00
Block_12_NN		0.000	0.004	47.915	2011-08-27 09:00:00	2011-08-27 22:00:00
BLOCK10		0.000	0.244	2921.492	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1		0.000	0.043	482.097	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_10		0.000	0.062	698.083	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1558_1		0.000	0.005	58.803	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1558_2		0.000	0.005	59.070	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1559_1		0.000	0.007	81.890	2011-08-27 09:00:00	2011-08-27 22:00:00

Catchment_1559_2		0.000	0.007	77.974	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1560_1		0.000	0.007	80.364	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1560_2		0.000	0.007	80.176	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1561_1		0.000	0.007	79.548	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1561_2		0.000	0.007	83.790	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_2		0.000	0.041	459.182	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_31		0.000	0.132	1201.365	2011-08-27 09:00:00	2011-08-27 22:02:00
Catchment_32		0.000	0.059	656.609	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_33		0.000	0.357	3363.931	2011-08-27 09:00:00	2011-08-27 22:01:00
Catchment_5		0.000	0.027	302.232	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_6		0.000	0.030	340.564	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_7		0.000	0.037	417.965	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_8		0.000	0.022	243.260	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_9		0.000	0.098	1107.939	2011-08-27 09:00:00	2011-08-27 22:00:00
City Hall - Untreated		0.000	0.006	67.081	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-1		0.000	0.008	94.563	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-10		0.000	0.009	105.381	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-100		0.000	0.004	42.643	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-102		0.000	0.022	236.448	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-103		0.000	0.079	890.141	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-104		0.000	0.006	71.374	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-105		0.000	0.007	81.855	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-105a		0.000	0.020	221.132	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-106		0.000	0.021	212.438	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-107		0.000	0.007	72.579	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-108		0.000	0.009	96.083	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-109		0.000	0.006	64.820	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-11		0.000	0.002	18.774	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-11_2		0.000	0.002	18.916	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-110		0.000	0.008	84.637	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-111		0.000	0.016	171.361	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-112		0.000	0.013	140.222	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-113		0.000	0.005	58.896	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-114		0.000	0.003	33.838	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-115		0.000	0.003	32.444	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-116		0.000	0.003	30.114	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-117		0.000	0.002	23.307	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-119		0.000	0.004	43.553	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-12		0.000	0.004	42.271	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-120		0.000	0.006	68.907	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-121		0.000	0.031	306.157	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-122		0.000	0.034	348.905	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-123		0.000	0.012	138.099	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-124		0.000	0.014	154.054	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-125		0.000	0.006	63.845	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-126		0.000	0.004	49.751	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-127		0.000	0.008	88.897	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-128		0.000	0.004	44.378	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-129		0.000	0.004	48.618	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-13		0.000	0.015	144.356	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-130		0.000	0.007	74.846	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-131		0.000	0.002	22.993	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-132		0.000	0.004	44.309	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-133		0.000	0.010	110.722	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-134		0.000	0.035	385.306	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-135		0.000	0.005	57.777	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-136		0.000	0.004	40.017	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-137		0.000	0.002	16.316	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-138		0.000	0.004	49.285	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-139		0.000	0.003	28.928	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-14		0.000	0.016	155.697	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-140		0.000	0.006	62.000	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-141		0.000	0.034	348.933	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-142		0.000	0.013	141.682	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-143		0.000	0.014	151.623	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-144		0.000	0.034	348.927	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-145		0.000	0.004	39.163	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-146		0.000	0.004	40.333	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-147		0.000	0.008	94.038	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-148		0.000	0.010	107.060	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-149		0.000	0.023	228.841	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-15		0.000	0.006	69.291	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-150		0.000	0.023	228.844	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-151		0.000	0.023	228.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-152		0.000	0.009	99.491	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-153		0.000	0.009	101.561	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-154		0.000	0.004	41.616	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-155		0.000	0.003	38.401	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-156		0.000	0.004	41.623	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-157		0.000	0.003	38.375	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-159		0.000	0.009	102.985	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-16		0.000	0.007	75.556	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-160		0.000	0.009	97.832	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-161		0.000	0.024	254.626	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-162		0.000	0.023	228.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-163		0.000	0.004	40.339	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-164		0.000	0.004	39.183	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-165		0.000	0.009	96.916	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-167		0.000	0.009	103.868	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-168		0.000	0.023	228.846	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-169		0.000	0.004	40.114	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-17		0.000	0.004	39.184	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-170		0.000	0.004	39.321	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-171		0.000	0.009	100.152	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-172		0.000	0.009	101.051	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-173		0.000	0.019	174.200	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-174		0.000	0.004	42.793	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-175		0.000	0.003	37.205	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-176		0.000	0.006	68.723	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-177		0.000	0.007	76.108	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-178		0.000	0.019	205.664	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-179		0.000	0.004	41.122	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-18		0.000	0.004	40.404	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-180		0.000	0.003	38.427	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-181		0.000	0.004	40.816	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-181_2		0.000	0.005	53.179	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-182		0.000	0.010	106.856	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-183		0.000	0.023	228.842	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-184		0.000	0.004	41.360	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-185		0.000	0.003	38.565	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-186		0.000	0.009	97.903	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-187		0.000	0.009	103.058	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-188		0.000	0.026	291.359	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-189		0.000	0.023	237.270	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-19		0.000	0.021	204.508	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-190		0.000	0.021	204.512	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-191		0.000	0.026	291.360	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-192		0.000	0.009	97.565	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-193		0.000	0.009	103.703	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-194		0.000	0.002	19.906	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-194_2		0.000	0.002	19.894	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-195		0.000	0.004	40.333	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-196		0.000	0.026	291.360	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-197		0.000	0.026	291.359	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-198		0.000	0.023	237.270	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-199		0.000	0.009	94.970	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-2		0.000	0.005	53.335	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-2_2		0.000	0.005	52.941	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-20		0.000	0.023	228.844	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-200		0.000	0.009	105.682	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-201		0.000	0.003	39.027	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-202		0.000	0.004	40.588	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-203		0.000	0.016	161.537	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-204		0.000	0.016	167.485	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-205		0.000	0.019	205.665	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-206		0.000	0.006	65.503	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-207		0.000	0.007	79.420	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-208		0.000	0.003	37.809	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-209		0.000	0.004	41.705	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-21		0.000	0.009	101.891	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-210		0.000	0.023	237.274	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-211		0.000	0.023	228.841	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-212		0.000	0.025	272.640	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-213		0.000	0.009	95.326	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-214		0.000	0.009	105.764	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-215		0.000	0.004	40.151	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-216		0.000	0.004	39.437	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-217		0.000	0.022	220.578	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-218		0.000	0.022	220.579	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-219		0.000	0.025	272.640	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-22		0.000	0.009	99.223	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-220		0.000	0.008	94.595	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-221		0.000	0.005	54.370	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-221_2		0.000	0.005	51.565	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-222		0.000	0.004	39.067	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-223		0.000	0.004	40.733	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-224		0.000	0.025	272.639	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-225		0.000	0.021	204.511	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-226		0.000	0.025	272.640	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-227		0.000	0.008	92.602	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-228		0.000	0.005	58.299	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-228_2		0.000	0.005	51.168	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-229		0.000	0.004	44.772	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-23		0.000	0.019	205.664	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-230		0.000	0.003	34.855	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-231		0.000	0.033	324.468	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-232		0.000	0.033	349.901	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-233		0.000	0.011	126.792	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-234		0.000	0.014	160.635	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-235		0.000	0.007	75.501	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-236		0.000	0.032	351.919	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-237		0.000	0.028	307.884	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-238		0.000	0.046	464.556	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-239		0.000	0.057	621.562	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-24		0.000	0.017	128.412	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-240		0.000	0.005	50.252	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-241		0.000	0.005	58.857	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-242		0.000	0.010	111.420	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-243		0.000	0.011	124.397	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-244		0.000	0.031	322.722	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-245		0.000	0.029	317.978	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-246		0.000	0.003	29.783	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-247		0.000	0.005	50.275	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-248		0.000	0.009	95.702	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-249		0.000	0.010	106.934	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-25		0.000	0.007	73.031	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-250		0.000	0.023	237.269	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-251		0.000	0.018	159.920	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-252		0.000	0.004	41.550	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-253		0.000	0.004	39.205	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-254		0.000	0.004	41.785	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-255		0.000	0.003	38.101	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-256		0.000	0.008	93.560	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-257		0.000	0.010	106.790	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-258		0.000	0.020	189.051	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-259		0.000	0.026	290.601	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-26		0.000	0.007	75.479	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-260		0.000	0.003	38.959	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-261		0.000	0.004	40.678	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-262		0.000	0.008	90.837	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-263		0.000	0.010	110.207	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-264		0.000	0.023	228.841	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-265		0.000	0.023	237.266	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-266		0.000	0.004	40.624	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-267		0.000	0.003	38.874	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-268		0.000	0.006	62.823	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-269		0.000	0.007	81.905	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-27		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-270		0.000	0.019	205.665	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-271		0.000	0.019	205.469	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-272		0.000	0.004	39.187	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-273		0.000	0.004	40.547	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-274		0.000	0.008	91.662	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-275		0.000	0.010	108.946	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-276		0.000	0.023	237.269	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-277		0.000	0.025	272.637	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-278		0.000	0.003	37.713	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-279		0.000	0.004	41.815	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-28		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-280		0.000	0.008	94.498	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-281		0.000	0.010	107.082	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-282		0.000	0.022	220.576	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-283		0.000	0.026	291.364	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-284		0.000	0.026	291.356	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-285		0.000	0.026	291.359	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-286		0.000	0.009	96.700	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-287		0.000	0.005	52.846	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-287_2		0.000	0.005	52.323	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-288		0.000	0.004	43.969	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-289		0.000	0.003	35.612	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-29		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-290		0.000	0.002	22.926	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-291		0.000	0.003	33.475	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-292		0.000	0.023	228.842	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-293		0.000	0.022	223.290	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-294		0.000	0.008	93.768	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-295		0.000	0.005	56.042	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-295_2		0.000	0.005	51.398	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-296		0.000	0.004	42.866	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-297		0.000	0.003	37.418	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-298		0.000	0.019	205.867	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-299		0.000	0.018	195.508	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-3		0.000	0.026	292.336	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-30		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-300		0.000	0.006	66.448	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-301		0.000	0.007	77.643	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-302		0.000	0.003	38.715	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-303		0.000	0.004	41.273	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-304		0.000	0.022	220.575	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-305		0.000	0.023	228.844	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-306		0.000	0.008	91.138	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-307		0.000	0.010	110.839	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-308		0.000	0.004	40.959	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-309		0.000	0.003	38.670	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-30A		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-31		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-310		0.000	0.026	292.116	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-311		0.000	0.026	291.361	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-312		0.000	0.008	90.208	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-313		0.000	0.010	110.459	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-314		0.000	0.003	38.747	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-315		0.000	0.004	40.866	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-316		0.000	0.023	237.268	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-317		0.000	0.026	291.359	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-318		0.000	0.008	91.483	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-319		0.000	0.010	109.649	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-32		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-320		0.000	0.004	46.254	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-321		0.000	0.003	33.374	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-322		0.000	0.026	286.867	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-323		0.000	0.021	235.558	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-324		0.000	0.008	88.592	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-325		0.000	0.008	94.798	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-326		0.000	0.005	56.662	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-327		0.000	0.006	64.859	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-328		0.000	0.006	66.967	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-329		0.000	0.005	57.915	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-33		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-330		0.000	0.006	71.138	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-331		0.000	0.005	58.287	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-332		0.000	0.016	160.583	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-333		0.000	0.014	153.137	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-334		0.000	0.003	36.701	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-335		0.000	0.004	43.500	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-336		0.000	0.008	94.687	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-337		0.000	0.010	106.272	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-338		0.000	0.026	291.363	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-339		0.000	0.024	254.619	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-34		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-340		0.000	0.003	38.085	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-341		0.000	0.004	41.712	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-342		0.000	0.008	93.217	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-343		0.000	0.010	108.197	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-344		0.000	0.026	291.360	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-345		0.000	0.025	249.262	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-346		0.000	0.003	38.670	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-347		0.000	0.004	41.475	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-348		0.000	0.010	114.811	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-349		0.000	0.008	87.355	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-35		0.000	0.025	272.637	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-350		0.000	0.025	272.637	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-351		0.000	0.029	323.360	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-352		0.000	0.005	57.380	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-353		0.000	0.005	56.018	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-354		0.000	0.003	38.560	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-355		0.000	0.004	41.539	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-356		0.000	0.007	68.000	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-357		0.000	0.009	94.387	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-358		0.000	0.002	19.168	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-359		0.000	0.002	20.036	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-36		0.000	0.009	102.422	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-360		0.000	0.004	41.070	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-361		0.000	0.003	38.636	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-362		0.000	0.004	43.030	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-363		0.000	0.003	36.778	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-364		0.000	0.022	220.576	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-365		0.000	0.026	291.356	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-366		0.000	0.008	92.567	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-367		0.000	0.010	108.736	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-368		0.000	0.004	45.106	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-369		0.000	0.003	34.462	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-37		0.000	0.009	100.607	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-370		0.000	0.011	122.035	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-371		0.000	0.009	102.833	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-372		0.000	0.003	38.464	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-373		0.000	0.004	40.535	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-374		0.000	0.005	56.935	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-375		0.000	0.005	58.934	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-376		0.000	0.027	291.358	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-377		0.000	0.009	96.167	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-38		0.000	0.003	38.927	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-388		0.000	0.009	104.674	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-389		0.000	0.003	35.329	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-389_2		0.000	0.003	34.323	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-39		0.000	0.004	41.307	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-390		0.000	0.009	96.928	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-391		0.000	0.008	90.868	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-392		0.000	0.010	114.194	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-393		0.000	0.027	291.364	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-394		0.000	0.027	291.358	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-395		0.000	0.004	40.418	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-396		0.000	0.004	39.458	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-397		0.000	0.003	38.569	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-398		0.000	0.003	38.815	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-399		0.000	0.009	102.832	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-4		0.000	0.026	291.359	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-40		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-400		0.000	0.009	102.833	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-401		0.000	0.003	34.157	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-402		0.000	0.004	45.932	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-403		0.000	0.009	97.315	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-404		0.000	0.009	103.995	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-405		0.000	0.026	291.359	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-406		0.000	0.024	254.610	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-407		0.000	0.003	37.598	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-408		0.000	0.004	42.469	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-409		0.000	0.004	48.711	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-41		0.000	0.024	242.290	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-410		0.000	0.005	54.106	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-411		0.000	0.011	104.006	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-412		0.000	0.013	139.787	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-413		0.000	0.002	21.106	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-414		0.000	0.002	19.094	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-415		0.000	0.010	92.595	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-416		0.000	0.004	43.186	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-417		0.000	0.005	55.892	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-418		0.000	0.012	124.704	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-419		0.000	0.004	44.298	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-42		0.000	0.009	103.719	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-420		0.000	0.003	34.760	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-421		0.000	0.009	102.833	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-422		0.000	0.009	102.833	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-423		0.000	0.003	33.058	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-424		0.000	0.004	44.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-425		0.000	0.004	41.013	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-426		0.000	0.003	37.905	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-427		0.000	0.023	220.574	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-428		0.000	0.023	237.271	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-429		0.000	0.005	60.406	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-429_2		0.000	0.003	35.177	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-43		0.000	0.009	102.171	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-430		0.000	0.010	109.316	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-431		0.000	0.007	72.515	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-432		0.000	0.009	101.785	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-433		0.000	0.009	96.312	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-434		0.000	0.006	71.882	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-435		0.000	0.003	33.297	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-436		0.000	0.004	47.099	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-437		0.000	0.009	95.124	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-438		0.000	0.010	106.659	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-439		0.000	0.003	38.417	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-44		0.000	0.024	242.567	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-440		0.000	0.004	42.188	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-441		0.000	0.003	37.349	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-442		0.000	0.004	39.567	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-443		0.000	0.008	94.013	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-444		0.000	0.010	106.926	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-445		0.000	0.003	35.180	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-446		0.000	0.003	30.527	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-447		0.000	0.022	220.577	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-448		0.000	0.020	218.515	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-449		0.000	0.002	19.006	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-45		0.000	0.016	146.211	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-450		0.000	0.002	20.568	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-451		0.000	0.009	95.244	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-452		0.000	0.009	105.422	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-453		0.000	0.003	34.445	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-454		0.000	0.003	31.125	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-455		0.000	0.024	254.611	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-456		0.000	0.034	343.263	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-457		0.000	0.002	18.450	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-458		0.000	0.002	21.224	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-459		0.000	0.003	30.323	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-46		0.000	0.009	100.390	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-460		0.000	0.003	35.092	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-461		0.000	0.006	70.774	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-462		0.000	0.007	75.284	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-463		0.000	0.013	141.183	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-464		0.000	0.016	165.922	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-465		0.000	0.002	22.072	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-466		0.000	0.002	17.722	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-467		0.000	0.003	34.911	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-468		0.000	0.003	30.371	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-469		0.000	0.009	97.319	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-47		0.000	0.009	103.188	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-470		0.000	0.009	103.064	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-471		0.000	0.023	237.269	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-472		0.000	0.018	190.964	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-473		0.000	0.018	190.967	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-474		0.000	0.002	20.508	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-475		0.000	0.002	19.190	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-476		0.000	0.003	33.679	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-477		0.000	0.003	31.722	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-478		0.000	0.008	93.266	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-479		0.000	0.010	107.962	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-48		0.000	0.003	38.595	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-480		0.000	0.020	189.057	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-481		0.000	0.018	190.954	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-482		0.000	0.002	21.513	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-483		0.000	0.002	17.788	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-484		0.000	0.008	94.173	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-485		0.000	0.010	106.127	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-486		0.000	0.019	174.196	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-487		0.000	0.019	206.200	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-488		0.000	0.015	140.600	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-489		0.000	0.002	20.544	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-49		0.000	0.004	41.848	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-490		0.000	0.002	19.307	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-491		0.000	0.003	35.751	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-492		0.000	0.003	36.223	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-493		0.000	0.003	31.701	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-494		0.000	0.003	33.685	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-495		0.000	0.014	138.076	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-496		0.000	0.010	115.845	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-497		0.000	0.003	36.794	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-498		0.000	0.003	29.051	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-499		0.000	0.011	114.558	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-5		0.000	0.002	19.072	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-50		0.000	0.010	106.314	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-500		0.000	0.008	87.738	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-501		0.000	0.009	97.029	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-502		0.000	0.008	87.774	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-503		0.000	0.002	24.241	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-504		0.000	0.004	41.909	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-505		0.000	0.003	31.170	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-506		0.000	0.004	39.772	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-507		0.000	0.008	90.309	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-508		0.000	0.008	77.741	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-509		0.000	0.002	22.954	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-51		0.000	0.010	106.716	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-510		0.000	0.009	92.529	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-511		0.000	0.009	93.213	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-512		0.000	0.001	10.913	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-513		0.000	0.003	33.887	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-514		0.000	0.008	87.042	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-515		0.000	0.020	218.519	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-516		0.000	0.005	60.014	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-517		0.000	0.008	86.908	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-518		0.000	0.014	152.639	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-519		0.000	0.014	158.870	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-52		0.000	0.024	260.861	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-520		0.000	0.020	218.518	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-521		0.000	0.031	337.677	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-522		0.000	0.004	46.153	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-523		0.000	0.005	50.316	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-524		0.000	0.004	40.623	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-525		0.000	0.002	24.981	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-526		0.000	0.003	33.080	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-527		0.000	0.003	32.365	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-528		0.000	0.009	102.833	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-53		0.000	0.026	291.359	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-530		0.000	0.009	97.111	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-531		0.000	0.010	108.226	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-532		0.000	0.025	254.618	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-533		0.000	0.020	218.519	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-534		0.000	0.022	220.574	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-535		0.000	0.020	218.522	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-535A		0.000	0.020	218.446	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-536		0.000	0.002	18.563	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-537		0.000	0.002	20.962	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-538		0.000	0.021	213.352	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-539		0.000	0.008	76.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-54		0.000	0.026	291.358	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-55		0.000	0.024	254.617	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-56		0.000	0.009	98.819	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-57		0.000	0.009	102.615	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-58		0.000	0.003	36.929	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-59		0.000	0.004	42.332	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-6		0.000	0.002	20.630	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-60		0.000	0.021	204.517	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-61		0.000	0.023	228.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-62		0.000	0.009	96.238	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-63		0.000	0.009	105.264	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-64		0.000	0.004	41.927	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-65		0.000	0.003	38.154	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-66		0.000	0.005	56.423	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-67		0.000	0.006	71.500	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-68		0.000	0.007	76.522	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-69		0.000	0.005	51.728	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-7		0.000	0.023	229.377	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-70		0.000	0.002	16.779	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-71		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-72		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-73		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-75		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-76		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-77		0.000	0.004	46.159	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-78		0.000	0.006	62.046	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-79		0.000	0.015	157.308	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-8		0.000	0.026	291.357	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-80		0.000	0.019	186.305	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-81		0.000	0.030	323.698	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-82		0.000	0.008	94.732	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-83		0.000	0.010	114.089	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-84		0.000	0.006	69.493	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-85		0.000	0.006	68.366	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-86		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-88		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-89		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-9		0.000	0.009	95.431	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-90		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-91		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-93		0.000	0.002	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-94		0.000	0.004	42.311	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-95		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-96		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-97		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-98		0.000	0.025	267.581	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-99		0.000	0.004	39.749	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-NJT		0.000	0.136	1474.189	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-NJT1		0.000	0.012	139.405	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-West1		0.000	0.452	5029.036	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-West2		0.000	0.417	4531.724	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-1		0.000	0.007	76.406	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-10		0.000	0.004	44.871	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-100		0.000	0.004	44.482	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-101		0.000	0.007	78.198	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-102		0.000	0.005	53.557	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-103		0.000	0.005	56.839	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-104		0.000	0.006	61.531	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-105		0.000	0.011	123.008	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-106		0.000	0.011	118.473	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-107		0.000	0.006	66.281	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-108		0.000	0.008	90.764	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-109		0.000	0.012	137.260	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-11		0.000	0.003	37.199	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-110		0.000	0.005	59.629	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-111		0.000	0.006	71.229	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-12		0.000	0.002	21.572	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-13		0.000	0.002	21.841	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-14		0.000	0.007	78.813	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-14A		0.000	0.003	28.014	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-15		0.000	0.013	145.677	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-16		0.000	0.013	145.680	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-17		0.000	0.013	145.679	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-18		0.000	0.002	21.589	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-19		0.000	0.002	22.828	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-2		0.000	0.005	58.372	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-20		0.000	0.013	145.680	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-21		0.000	0.002	21.948	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-22		0.000	0.002	22.298	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-23		0.000	0.013	145.979	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-24		0.000	0.015	163.017	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-25		0.000	0.002	21.273	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-26		0.000	0.002	23.115	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-27		0.000	0.004	44.825	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-28		0.000	0.002	17.070	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-29		0.000	0.001	7.251	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-3		0.000	0.005	59.242	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-30		0.000	0.002	20.633	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-31		0.000	0.006	65.671	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-32		0.000	0.006	65.227	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-33		0.000	0.005	50.779	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-34		0.000	0.006	65.990	2011-08-27 09:00:00	2011-08-27 22:00:00

H2-35		0.000	0.009	105.766	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-37		0.000	0.015	162.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-38		0.000	0.013	146.396	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-39		0.000	0.013	145.678	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-39A		0.000	0.001	12.248	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-39B		0.000	0.001	13.917	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-4		0.000	0.006	65.839	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-40		0.000	0.013	145.681	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-40A		0.000	0.001	14.112	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-40B		0.000	0.001	11.966	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-41		0.000	0.014	161.314	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-42		0.000	0.013	147.809	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-43		0.000	0.013	145.680	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-44		0.000	0.014	160.915	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-45		0.000	0.013	149.456	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-46		0.000	0.005	51.416	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-47		0.000	0.002	26.135	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-48		0.000	0.002	18.180	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-49		0.000	0.013	138.407	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-5		0.000	0.005	58.174	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-50		0.000	0.013	138.567	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-50A		0.000	0.013	138.683	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-51		0.000	0.002	19.706	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-52		0.000	0.002	21.191	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-53		0.000	0.004	40.685	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-54		0.000	0.002	23.656	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-55		0.000	0.005	51.415	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-56		0.000	0.004	46.609	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-57		0.000	0.005	61.015	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-58		0.000	0.005	57.040	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-59		0.000	0.002	22.537	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-6		0.000	0.001	12.167	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-60		0.000	0.004	46.465	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-61		0.000	0.001	8.181	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-62		0.000	0.001	15.658	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-63		0.000	0.013	140.840	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-64		0.000	0.017	188.100	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-65		0.000	0.005	56.473	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-66		0.000	0.005	54.819	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-67		0.000	0.008	80.780	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-68		0.000	0.003	36.332	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-69		0.000	0.004	45.541	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-7		0.000	0.000	4.916	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-70		0.000	0.014	150.951	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-71		0.000	0.027	291.359	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-72		0.000	0.027	291.359	2011-08-27 09:00:00	2011-08-27 22:00:00

H2-73		0.000	0.011	119.320	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-74		0.000	0.011	127.396	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-75		0.000	0.006	62.780	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-76		0.000	0.006	66.101	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-76A		0.000	0.001	9.924	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-76B		0.000	0.001	12.775	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-77		0.000	0.004	41.969	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-78		0.000	0.004	45.556	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-79		0.000	0.004	44.520	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-8		0.000	0.002	26.561	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-80		0.000	0.003	37.043	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-81		0.000	0.002	22.815	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-82		0.000	0.002	20.803	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-83		0.000	0.004	47.063	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-84		0.000	0.004	49.451	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-85		0.000	0.005	56.224	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-86		0.000	0.026	284.461	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-87		0.000	0.011	119.972	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-88		0.000	0.009	103.172	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-89		0.000	0.009	102.494	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-9		0.000	0.009	101.558	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-90		0.000	0.008	88.074	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-91		0.000	0.004	48.037	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-91A		0.000	0.001	10.876	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-91B		0.000	0.001	13.757	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-92		0.000	0.004	41.670	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-93		0.000	0.011	119.972	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-94		0.000	0.004	48.229	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-95		0.000	0.005	52.675	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-96		0.000	0.013	146.537	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-97		0.000	0.002	21.325	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-98		0.000	0.006	66.613	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-99		0.000	0.018	192.085	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-9A		0.000	0.003	30.206	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-NJT1		0.000	0.050	556.264	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-1		0.000	0.021	205.504	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-10		0.000	0.002	22.594	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-100		0.000	0.010	100.504	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-101		0.000	0.013	141.568	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-102		0.000	0.004	46.704	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-103		0.000	0.005	51.506	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-104		0.000	0.003	39.004	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-105		0.000	0.004	40.642	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-106		0.000	0.008	93.060	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-107		0.000	0.010	107.547	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-108		0.000	0.023	228.838	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-109		0.000	0.020	189.057	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-11		0.000	0.002	18.341	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-110		0.000	0.002	20.836	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-111		0.000	0.002	19.514	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-112		0.000	0.010	107.879	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-113		0.000	0.008	93.070	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-114		0.000	0.002	21.239	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-115		0.000	0.002	19.048	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-116		0.000	0.010	96.465	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-117		0.000	0.012	129.912	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-118		0.000	0.002	20.754	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-119		0.000	0.002	18.774	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-12		0.000	0.002	20.464	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-120		0.000	0.004	46.455	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-121		0.000	0.005	55.598	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-122		0.000	0.013	145.680	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-123		0.000	0.013	145.672	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-124		0.000	0.013	145.681	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-125		0.000	0.004	42.902	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-126		0.000	0.002	18.972	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-127		0.000	0.001	9.775	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-128		0.000	0.001	8.515	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-129		0.000	0.013	145.680	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-129A		0.000	0.002	21.388	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-13		0.000	0.010	106.632	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-130		0.000	0.013	145.676	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-130A		0.000	0.004	40.437	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-131		0.000	0.011	127.883	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-132		0.000	0.011	119.763	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-133		0.000	0.002	23.380	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-134		0.000	0.002	20.026	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-135		0.000	0.013	145.680	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-136		0.000	0.011	105.651	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-137		0.000	0.014	156.543	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-138		0.000	0.001	10.005	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-139		0.000	0.001	8.409	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-14		0.000	0.008	94.755	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-140		0.000	0.001	7.272	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-141		0.000	0.001	7.113	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-142		0.000	0.002	23.580	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-143		0.000	0.002	19.514	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-144		0.000	0.001	6.999	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-145		0.000	0.011	127.054	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-146		0.000	0.011	120.234	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-147		0.000	0.004	44.275	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-148		0.000	0.003	37.563	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-149		0.000	0.016	178.587	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-15		0.000	0.020	188.761	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-150		0.000	0.007	67.002	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-151		0.000	0.005	54.081	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-152		0.000	0.010	109.998	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-153		0.000	0.004	48.906	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-154		0.000	0.006	61.470	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-155		0.000	0.005	51.033	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-156		0.000	0.010	106.220	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-157		0.000	0.003	37.242	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-158		0.000	0.004	44.911	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-16		0.000	0.002	21.319	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-17		0.000	0.002	19.696	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-18		0.000	0.023	228.842	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-19		0.000	0.002	18.064	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-2		0.000	0.024	254.620	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-20		0.000	0.002	22.017	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-21		0.000	0.009	102.212	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-22		0.000	0.009	98.373	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-23		0.000	0.017	158.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-24		0.000	0.023	237.271	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-25		0.000	0.002	21.271	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-26		0.000	0.002	18.655	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-27		0.000	0.009	99.682	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-28		0.000	0.009	101.236	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-29		0.000	0.019	174.199	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-2A		0.000	0.003	38.624	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-2B		0.000	0.004	40.177	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-3		0.000	0.010	110.034	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-30		0.000	0.026	291.358	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-31		0.000	0.026	291.355	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-32		0.000	0.003	29.027	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-33		0.000	0.003	36.648	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-34		0.000	0.004	43.039	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-35		0.000	0.009	99.914	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-36		0.000	0.006	72.248	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-37		0.000	0.020	189.055	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-38		0.000	0.030	302.128	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-39		0.000	0.002	22.508	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-4		0.000	0.009	95.511	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-40		0.000	0.003	33.093	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-41		0.000	0.009	105.677	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-42		0.000	0.004	49.127	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-42_2		0.000	0.004	46.448	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-43		0.000	0.003	31.387	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-44		0.000	0.003	32.522	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-45		0.000	0.008	85.492	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-46		0.000	0.026	291.363	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-47		0.000	0.021	204.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-48		0.000	0.003	30.401	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-49		0.000	0.006	64.823	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-5		0.000	0.002	17.132	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-50		0.000	0.022	220.575	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-51		0.000	0.024	242.075	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-52		0.000	0.009	105.578	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-53		0.000	0.004	40.846	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-54		0.000	0.004	39.046	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-55		0.000	0.008	94.753	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-56		0.000	0.014	108.297	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-57		0.000	0.016	161.535	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-58		0.000	0.021	204.507	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-59		0.000	0.024	254.618	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-6		0.000	0.002	23.335	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-60		0.000	0.004	42.192	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-61		0.000	0.003	37.422	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-62		0.000	0.008	91.169	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-63		0.000	0.010	109.687	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-64		0.000	0.024	262.957	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-64A		0.000	0.008	89.791	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-65		0.000	0.026	291.358	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-65B		0.000	0.010	110.860	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-66		0.000	0.003	38.249	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-67		0.000	0.004	41.879	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-68		0.000	0.009	98.038	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-69		0.000	0.021	204.507	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-7		0.000	0.026	291.357	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-70		0.000	0.004	47.292	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-71		0.000	0.003	36.359	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-72		0.000	0.009	96.689	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-73		0.000	0.014	107.869	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-74		0.000	0.003	38.142	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-74_2		0.000	0.003	38.936	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-75		0.000	0.006	68.304	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-76		0.000	0.002	19.996	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-77		0.000	0.002	19.554	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-78		0.000	0.025	272.642	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-79		0.000	0.023	259.358	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-8		0.000	0.023	238.446	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-80		0.000	0.003	38.704	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-81		0.000	0.004	44.520	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-82		0.000	0.019	174.195	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-83		0.000	0.022	220.578	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-84		0.000	0.004	44.915	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-85		0.000	0.003	37.348	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-86		0.000	0.006	69.382	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-87		0.000	0.022	220.574	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-88		0.000	0.023	228.848	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-89		0.000	0.002	18.765	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-9		0.000	0.002	16.895	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-90		0.000	0.008	93.716	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-91		0.000	0.010	107.132	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-92		0.000	0.021	208.425	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-93		0.000	0.021	204.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-94		0.000	0.010	108.941	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-95		0.000	0.008	92.146	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-96		0.000	0.004	40.692	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-97		0.000	0.004	39.238	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-98		0.000	0.009	98.555	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-99		0.000	0.009	102.057	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-1		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H4-10		0.000	0.003	27.303	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-100		0.000	0.007	64.712	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-101		0.000	0.008	76.216	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-102		0.000	0.017	158.721	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-103		0.000	0.004	32.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-104		0.000	0.000	2.543	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-105		0.000	0.003	25.645	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-106		0.000	0.003	32.433	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-107		0.000	0.007	63.386	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-108		0.000	0.002	12.141	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-109		0.000	0.021	204.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-11		0.000	0.003	30.927	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-110		0.000	0.021	204.511	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-111		0.000	0.002	23.155	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-112		0.000	0.003	32.961	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-113		0.000	0.008	73.885	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-114		0.000	0.003	33.182	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-114_2		0.000	0.003	34.014	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-115		0.000	0.021	204.506	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-116		0.000	0.021	204.504	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-117		0.000	0.003	29.770	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-118		0.000	0.003	26.419	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-119		0.000	0.007	72.231	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-12		0.000	0.002	14.647	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-120		0.000	0.007	69.141	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-121		0.000	0.021	204.508	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-122		0.000	0.018	160.246	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-123		0.000	0.002	22.798	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-124		0.000	0.003	32.589	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-125		0.000	0.008	74.863	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-126		0.000	0.007	66.718	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-127		0.000	0.019	175.503	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-128		0.000	0.018	159.918	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-129		0.000	0.003	32.435	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-13		0.000	0.001	13.388	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-130		0.000	0.002	23.120	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-131		0.000	0.008	74.965	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-132		0.000	0.007	66.427	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-133		0.000	0.021	204.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-134		0.000	0.016	139.445	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-135		0.000	0.003	31.629	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-136		0.000	0.002	24.285	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-137		0.000	0.007	68.423	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-138		0.000	0.007	72.802	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-139		0.000	0.021	204.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-14		0.000	0.003	31.930	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-140		0.000	0.019	174.197	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-141		0.000	0.003	29.579	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-142		0.000	0.003	26.229	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-143		0.000	0.007	68.859	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-144		0.000	0.007	72.360	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-145		0.000	0.020	188.661	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-145A		0.000	0.005	52.618	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-145B		0.000	0.003	28.430	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-146		0.000	0.017	152.994	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-147		0.000	0.002	21.084	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-148		0.000	0.001	12.205	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-149		0.000	0.002	16.238	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-15		0.000	0.003	32.909	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-150		0.000	0.008	78.476	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-151		0.000	0.007	65.799	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-152		0.000	0.017	159.922	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-153		0.000	0.021	204.508	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-154		0.000	0.004	34.811	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-155		0.000	0.002	23.744	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-156		0.000	0.003	32.674	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-157		0.000	0.002	15.611	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-158		0.000	0.007	72.680	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-159		0.000	0.007	68.286	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-16		0.000	0.015	126.697	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-160		0.000	0.017	159.919	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-161		0.000	0.014	126.922	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-162		0.000	0.001	12.242	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-163		0.000	0.003	24.983	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-164		0.000	0.003	31.195	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-165		0.000	0.008	76.055	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-166		0.000	0.007	65.116	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-167		0.000	0.016	139.567	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-168		0.000	0.018	166.484	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-169		0.000	0.001	12.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-17		0.000	0.020	196.505	2011-08-27 09:00:00	2011-08-27 22:01:00
H4-170		0.000	0.002	15.285	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-171		0.000	0.003	29.549	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-172		0.000	0.003	26.287	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-173		0.000	0.007	68.199	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-174		0.000	0.007	73.016	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-175		0.000	0.003	26.357	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-176		0.000	0.003	29.996	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-177		0.000	0.017	159.924	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-178		0.000	0.002	15.169	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-179		0.000	0.001	12.900	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-18		0.000	0.015	127.290	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-180		0.000	0.007	72.301	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-181		0.000	0.013	114.381	2011-08-27 09:00:00	2011-08-27 22:01:00
H4-182		0.000	0.001	14.599	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-183		0.000	0.001	13.568	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-184		0.000	0.007	72.867	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-185		0.000	0.015	144.360	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-186		0.000	0.001	12.580	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-187		0.000	0.002	15.574	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-188		0.000	0.006	53.795	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-189		0.000	0.002	15.101	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-19		0.000	0.006	61.708	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-190		0.000	0.005	45.259	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-191		0.000	0.002	19.180	2011-08-27 09:00:00	2011-08-27 22:01:00
H4-192		0.000	0.004	37.345	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-193		0.000	0.002	14.649	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-194		0.000	0.002	16.499	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-195		0.000	0.003	26.083	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-196		0.000	0.003	25.859	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-197		0.000	0.000	3.258	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-198		0.000	0.001	8.521	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-199		0.000	0.002	16.040	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-2		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H4-20		0.000	0.007	72.595	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-20_2		0.000	0.006	57.160	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-200		0.000	0.002	14.992	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-201		0.000	0.003	26.396	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-202		0.000	0.004	36.537	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-203		0.000	0.018	157.288	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-204		0.000	0.009	89.634	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-205		0.000	0.006	47.057	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-206		0.000	0.007	67.841	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-207		0.000	0.004	30.400	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-208		0.000	0.003	27.811	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-209		0.000	0.002	16.602	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-21		0.000	0.004	39.965	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-210		0.000	0.007	58.404	2011-08-27 09:00:00	2011-08-27 22:06:00
H4-210A		0.000	0.008	72.166	2011-08-27 09:00:00	2011-08-27 22:05:00
H4-211		0.000	0.008	79.154	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-212		0.000	0.010	94.630	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-213		0.000	0.003	29.682	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-214		0.000	0.003	28.643	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-22		0.000	0.004	35.655	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-23		0.000	0.003	28.839	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-24		0.000	0.003	27.702	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-25		0.000	0.003	29.382	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-26		0.000	0.003	26.282	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-27		0.000	0.045	356.768	2011-08-27 09:00:00	2011-08-27 22:01:00
H4-28		0.000	0.005	44.432	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-29		0.000	0.004	37.641	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-3		0.000	0.001	14.265	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-30		0.000	0.021	192.478	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-31		0.000	0.002	21.682	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-32		0.000	0.003	26.994	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-33		0.000	0.085	825.817	2011-08-27 09:00:00	2011-08-27 22:01:00
H4-34		0.000	0.002	23.595	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-35		0.000	0.003	28.230	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-36		0.000	0.007	70.592	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-37		0.000	0.006	62.714	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-38		0.000	0.021	204.510	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-39		0.000	0.008	75.621	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-4		0.000	0.003	32.695	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-40		0.000	0.007	65.562	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-41		0.000	0.003	31.401	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-42		0.000	0.003	24.528	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-43		0.000	0.021	192.478	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-44		0.000	0.019	177.856	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-45		0.000	0.003	25.975	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-46		0.000	0.003	30.270	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-47		0.000	0.007	64.752	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-48		0.000	0.007	68.659	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-49		0.000	0.021	204.508	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-5		0.000	0.004	36.334	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-50		0.000	0.021	204.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-51		0.000	0.007	68.939	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-52		0.000	0.007	72.117	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-53		0.000	0.003	26.733	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-54		0.000	0.003	29.489	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-55		0.000	0.002	24.114	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-56		0.000	0.003	31.915	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-57		0.000	0.017	150.564	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-58		0.000	0.007	53.029	2011-08-27 09:00:00	2011-08-27 22:01:00
H4-59		0.000	0.003	25.926	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-6		0.000	0.006	59.240	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-60		0.000	0.003	30.145	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-61		0.000	0.007	68.555	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-62		0.000	0.007	64.889	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-63		0.000	0.021	204.511	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-64		0.000	0.021	204.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-65		0.000	0.003	29.681	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-66		0.000	0.003	26.393	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-67		0.000	0.007	71.617	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-68		0.000	0.007	69.481	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-69		0.000	0.002	21.632	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-7		0.000	0.018	159.554	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-70		0.000	0.004	34.285	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-71		0.000	0.007	53.029	2011-08-27 09:00:00	2011-08-27 22:01:00
H4-72		0.000	0.020	189.648	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-73		0.000	0.003	24.532	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-74		0.000	0.003	31.043	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-75		0.000	0.006	59.223	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-76		0.000	0.021	204.508	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-77		0.000	0.017	152.995	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-78		0.000	0.008	78.048	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-79		0.000	0.003	29.411	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-8		0.000	0.001	14.167	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-80		0.000	0.003	26.292	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-81		0.000	0.006	62.344	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-82		0.000	0.008	79.056	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-83		0.000	0.003	30.199	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-84		0.000	0.003	32.001	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-85		0.000	0.018	160.087	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-86		0.000	0.021	204.508	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-87		0.000	0.002	23.313	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-88		0.000	0.003	33.284	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-89		0.000	0.007	70.560	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-9		0.000	0.002	18.968	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-90		0.000	0.007	70.195	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-91		0.000	0.013	108.416	2011-08-27 09:00:00	2011-08-27 22:01:00
H4-92		0.000	0.021	204.510	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-93		0.000	0.003	26.588	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-94		0.000	0.003	29.778	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-95		0.000	0.007	70.338	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-96		0.000	0.004	35.956	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-96_2		0.000	0.004	35.265	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-97		0.000	0.021	204.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-98		0.000	0.017	152.996	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-99		0.000	0.001	12.798	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-1		0.000	0.020	146.777	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-10		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-100		0.000	0.006	54.606	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-101		0.000	0.003	27.136	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-102		0.000	0.003	30.673	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-103		0.000	0.021	203.827	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-104		0.000	0.021	201.381	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-105		0.000	0.004	37.757	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-105_2		0.000	0.004	36.776	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-106		0.000	0.007	68.096	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-107		0.000	0.003	26.359	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-108		0.000	0.003	29.684	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-109		0.000	0.003	31.529	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-11		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-110		0.000	0.003	24.912	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-111		0.000	0.010	96.780	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-112		0.000	0.012	112.358	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-113		0.000	0.015	150.343	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-114		0.000	0.021	202.159	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-115		0.000	0.003	33.568	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-116		0.000	0.003	25.187	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-117		0.000	0.007	71.458	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-118		0.000	0.013	122.010	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-118A		0.000	0.001	10.885	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-118B		0.000	0.002	15.605	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-119		0.000	0.010	88.539	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-12		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-120		0.000	0.003	30.578	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-121		0.000	0.003	26.359	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-122		0.000	0.017	168.720	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-123		0.000	0.002	24.158	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-124		0.000	0.003	26.264	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-125		0.000	0.002	23.953	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-126		0.000	0.015	149.780	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-127		0.000	0.006	62.030	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-128		0.000	0.007	67.966	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-129		0.000	0.005	48.943	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-13		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-130		0.000	0.013	109.315	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-131		0.000	0.014	131.620	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-132		0.000	0.006	60.496	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-133		0.000	0.007	69.265	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-134		0.000	0.015	141.634	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-135		0.000	0.005	53.177	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-136		0.000	0.005	53.097	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-137		0.000	0.006	61.963	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-138		0.000	0.007	67.580	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-139		0.000	0.008	74.055	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-14		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-140		0.000	0.007	67.068	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-141		0.000	0.003	31.345	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-142		0.000	0.003	26.473	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-143		0.000	0.015	141.677	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-144		0.000	0.019	184.827	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-145		0.000	0.014	130.638	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-146		0.000	0.017	159.925	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-147		0.000	0.001	10.797	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-148		0.000	0.001	11.979	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-149		0.000	0.003	27.591	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-15		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-150		0.000	0.017	159.249	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-151		0.000	0.016	153.382	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-152		0.000	0.008	75.491	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-153		0.000	0.007	68.690	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-154		0.000	0.017	159.127	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-155		0.000	0.013	119.944	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-156		0.000	0.001	11.523	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-157		0.000	0.002	16.199	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-158		0.000	0.007	72.464	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-159		0.000	0.007	69.413	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-16		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-160		0.000	0.001	14.296	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-161		0.000	0.005	45.219	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-162		0.000	0.005	45.043	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-163		0.000	0.001	13.749	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-164		0.000	0.007	66.435	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-165		0.000	0.010	100.821	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-166		0.000	0.019	177.869	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-167		0.000	0.011	103.557	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-168		0.000	0.012	112.913	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-169		0.000	0.010	94.805	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-17		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-170		0.000	0.015	138.587	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-171		0.000	0.020	191.615	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-172		0.000	0.013	124.625	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-173		0.000	0.002	22.967	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-174		0.000	0.002	22.869	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-175		0.000	0.011	104.293	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-177		0.000	0.015	141.793	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-178		0.000	0.020	187.266	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-179		0.000	0.003	31.564	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-18		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-180		0.000	0.003	32.774	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-181		0.000	0.002	19.334	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-182		0.000	0.003	26.724	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-183		0.000	0.011	104.479	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-185		0.000	0.016	153.386	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-186		0.000	0.023	225.173	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-187		0.000	0.003	28.171	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-188		0.000	0.004	36.053	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-19		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-190		0.000	0.011	106.860	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-191		0.000	0.005	43.861	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-192		0.000	0.005	45.512	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-193		0.000	0.004	38.087	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-194		0.000	0.004	41.475	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-195		0.000	0.014	127.362	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-196		0.000	0.006	61.642	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-197		0.000	0.006	62.398	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-198		0.000	0.023	224.772	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-199		0.000	0.002	16.456	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-2		0.000	0.033	309.821	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-20		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-200		0.000	0.023	224.959	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-201		0.000	0.002	19.144	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-202		0.000	0.010	90.584	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-203		0.000	0.018	180.933	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-204		0.000	0.009	84.609	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-205		0.000	0.009	91.339	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-206		0.000	0.003	31.068	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-207		0.000	0.004	34.555	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-208		0.000	0.001	9.372	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-209		0.000	0.001	6.982	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-21		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-210		0.000	0.020	199.457	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-211		0.000	0.008	53.520	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-212		0.000	0.008	79.048	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-213		0.000	0.004	40.284	2011-08-27 09:00:00	2011-08-27 22:06:00
H5-214		0.000	0.009	88.699	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-215		0.000	0.005	51.708	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-216		0.000	0.006	51.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-217		0.000	0.003	31.656	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-218		0.000	0.004	34.682	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-219		0.000	0.003	29.328	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-22		0.000	0.003	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-220		0.000	0.006	55.074	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-221		0.000	0.002	15.192	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-222		0.000	0.002	23.346	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-223		0.000	0.001	12.456	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-224		0.000	0.014	123.403	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-225		0.000	0.018	168.296	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-226		0.000	0.018	158.862	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-227		0.000	0.006	52.067	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-228		0.000	0.003	29.309	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-229		0.000	0.003	26.516	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-23		0.000	0.004	35.687	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-230		0.000	0.008	76.004	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-231		0.000	0.022	219.847	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-232		0.000	0.003	29.765	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-233		0.000	0.003	30.498	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-234		0.000	0.020	179.910	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-235		0.000	0.022	219.846	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-236		0.000	0.006	60.675	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-237		0.000	0.010	97.248	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-238		0.000	0.009	90.032	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-239		0.000	0.009	86.639	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-24		0.000	0.002	22.546	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-240		0.000	0.009	89.893	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-241		0.000	0.009	88.120	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-242		0.000	0.003	26.265	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-243		0.000	0.003	29.592	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-244		0.000	0.006	46.114	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-245		0.000	0.010	82.693	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-246		0.000	0.008	64.205	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-247		0.000	0.013	101.922	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-248		0.000	0.020	177.841	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-248A		0.000	0.007	62.893	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-249A		0.000	0.018	154.995	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-249B		0.000	0.029	251.531	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-25		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-250		0.000	0.029	237.596	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-251A		0.000	0.024	197.075	2011-08-27 09:00:00	2011-08-27 22:01:00

H5-251B		0.000	0.006	50.368	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-252		0.000	0.016	138.320	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-253		0.000	0.016	134.075	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-254		0.000	0.045	408.541	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-255		0.000	0.017	160.159	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-256		0.000	0.003	25.358	2011-08-27 09:00:00	2011-08-27 22:03:00
H5-257		0.000	0.003	21.354	2011-08-27 09:00:00	2011-08-27 22:03:00
H5-258		0.000	0.003	25.875	2011-08-27 09:00:00	2011-08-27 22:03:00
H5-26		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-27		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-28		0.000	0.007	72.454	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-29		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-3		0.000	0.027	257.070	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-30		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-31		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-32		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-33		0.000	0.022	203.738	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-34		0.000	0.021	192.478	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-35		0.000	0.004	36.193	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-35_2		0.000	0.004	35.382	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-36		0.000	0.003	33.036	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-36_2		0.000	0.003	30.632	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-37		0.000	0.022	205.278	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-38		0.000	0.021	192.480	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-39		0.000	0.004	34.220	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-39_2		0.000	0.003	33.074	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-4		0.000	0.010	94.518	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-40		0.000	0.007	67.724	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-41		0.000	0.021	192.477	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-42		0.000	0.006	63.148	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-43		0.000	0.007	72.416	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-44		0.000	0.093	837.259	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-45		0.000	0.003	30.410	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-46		0.000	0.003	25.111	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-47		0.000	0.006	57.639	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-48		0.000	0.004	39.299	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-48_2		0.000	0.004	37.751	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-49		0.000	0.021	192.479	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-5		0.000	0.008	74.833	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-50		0.000	0.021	192.479	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-51		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-52		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-53		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-54		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-55		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-56		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00

H5-57		0.000	0.003	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-58		0.000	0.003	33.839	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-59		0.000	0.003	24.446	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-6		0.000	0.006	56.583	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-60		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-61		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-62		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-63		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-64		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-65		0.000	0.003	30.276	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-66		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-67		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-68		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-69		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-7		0.000	0.005	50.400	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-70		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-71		0.000	0.004	34.198	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-72		0.000	0.005	43.964	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-73		0.000	0.014	133.733	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-74		0.000	0.016	128.041	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-75		0.000	0.018	137.179	2011-08-27 09:00:00	2011-08-27 22:02:00
H5-76		0.000	0.000	2.888	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-77		0.000	0.001	11.811	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-78		0.000	0.005	42.912	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-79		0.000	0.007	69.269	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-8		0.000	0.027	254.380	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-80		0.000	0.021	204.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-81		0.000	0.003	25.558	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-82		0.000	0.003	30.665	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-83		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-84		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-85		0.000	0.021	203.823	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-86		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-87		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-88		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-89		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-9		0.000	0.017	154.638	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-90		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-91		0.000	0.015	144.359	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-92		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-93		0.000	0.003	30.802	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-94		0.000	0.003	25.246	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-95		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-96		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-97		0.000	0.015	144.359	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-98		0.000	0.010	88.539	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-99		0.000	0.005	48.950	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-1		0.000	0.002	16.846	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-10		0.000	0.013	149.095	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-11		0.000	0.002	21.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-12		0.000	0.002	18.868	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-13		0.000	0.003	31.206	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-14		0.000	0.003	34.402	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-15		0.000	0.007	76.316	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-16		0.000	0.007	82.487	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-17		0.000	0.017	193.936	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-18		0.000	0.018	198.199	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-19		0.000	0.002	27.036	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-2		0.000	0.002	18.132	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-20		0.000	0.003	36.754	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-21		0.000	0.009	104.908	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-22		0.000	0.010	108.470	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-23		0.000	0.014	150.980	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-24		0.000	0.006	71.486	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-25		0.000	0.007	74.100	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-26		0.000	0.009	96.245	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-27		0.000	0.009	104.783	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-28		0.000	0.012	132.147	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-29		0.000	0.012	134.747	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-3		0.000	0.007	83.195	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-30		0.000	0.017	179.466	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-31		0.000	0.012	133.682	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-32		0.000	0.006	67.777	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-33		0.000	0.006	62.683	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-34		0.000	0.012	133.675	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-35		0.000	0.005	50.594	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-36		0.000	0.005	54.048	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-37		0.000	0.008	87.564	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-38		0.000	0.008	90.585	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-39		0.000	0.025	239.671	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-4		0.000	0.018	190.964	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-40		0.000	0.023	248.572	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-41		0.000	0.017	144.706	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-42		0.000	0.025	269.799	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-43		0.000	0.006	62.337	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-44		0.000	0.006	66.472	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-45		0.000	0.008	87.219	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-47		0.000	0.008	91.478	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-48		0.000	0.005	58.164	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-49		0.000	0.006	72.138	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-5		0.000	0.011	124.228	2011-08-27 09:00:00	2011-08-27 22:00:00

H6-50		0.000	0.012	113.096	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-51		0.000	0.014	145.513	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-52		0.000	0.014	144.793	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-53		0.000	0.003	36.782	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-54		0.000	0.004	43.124	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-55		0.000	0.010	107.610	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-56		0.000	0.008	93.309	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-57		0.000	0.021	213.544	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-58		0.000	0.023	237.270	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-59		0.000	0.003	35.090	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-6		0.000	0.008	87.565	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-60		0.000	0.004	44.551	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-61		0.000	0.009	103.901	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-62		0.000	0.009	97.498	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-63		0.000	0.002	19.574	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-64		0.000	0.001	14.446	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-65		0.000	0.018	205.954	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-66		0.000	0.025	260.996	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-67		0.000	0.014	150.668	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-68		0.000	0.012	117.448	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-69		0.000	0.006	62.224	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-7		0.000	0.006	62.724	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-70		0.000	0.006	68.456	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-71		0.000	0.006	61.453	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-72		0.000	0.006	65.548	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-8		0.000	0.004	41.577	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-9		0.000	0.014	160.149	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-1		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-10		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-103		0.000	0.001	7.873	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-104		0.000	0.001	7.223	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-105		0.000	0.001	7.676	2011-08-27 09:00:00	2011-08-27 22:01:00
H7-106		0.000	0.025	203.570	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-107		0.000	0.009	95.166	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-107A		0.000	0.003	37.033	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-108		0.000	0.007	83.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-108A		0.000	0.004	40.775	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-109		0.000	0.002	27.042	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-11		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-110		0.000	0.003	29.151	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-111		0.000	0.003	34.303	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-112		0.000	0.003	36.708	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-113		0.000	0.024	256.750	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-114		0.000	0.012	138.002	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-115		0.000	0.012	138.036	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-116		0.000	0.003	36.914	2011-08-27 09:00:00	2011-08-27 22:00:00

H7-117		0.000	0.004	45.624	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-118		0.000	0.026	274.552	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-119		0.000	0.022	226.006	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-12		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-120		0.000	0.007	73.506	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-120_2		0.000	0.007	72.987	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-121		0.000	0.013	146.242	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-122		0.000	0.022	226.157	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-123		0.000	0.009	97.379	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-124		0.000	0.008	92.268	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-125		0.000	0.022	222.773	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-126		0.000	0.002	21.414	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-127		0.000	0.002	20.745	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-128		0.000	0.008	93.489	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-129		0.000	0.009	105.678	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-13		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-130		0.000	0.007	61.136	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-131		0.000	0.009	97.061	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-132		0.000	0.010	112.414	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-133		0.000	0.021	218.596	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-134		0.000	0.020	171.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-135		0.000	0.008	86.230	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-136		0.000	0.009	100.775	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-137		0.000	0.003	30.443	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-138		0.000	0.004	39.942	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-139		0.000	0.005	56.314	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-14		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-140		0.000	0.006	67.330	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-141		0.000	0.021	222.804	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-142		0.000	0.012	138.941	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-143		0.000	0.012	129.358	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-144		0.000	0.021	216.335	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-145		0.000	0.005	52.414	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-146		0.000	0.005	55.440	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-147		0.000	0.006	63.584	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-148		0.000	0.014	150.671	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-149		0.000	0.006	69.075	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-15		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-150		0.000	0.010	112.194	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-151		0.000	0.026	285.635	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-154		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-155		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-156		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-157		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-16		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-17		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00

H7-66		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-67		0.000	0.091	878.176	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-68		0.000	0.059	590.117	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-69		0.000	0.024	257.080	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-7		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-70		0.000	0.007	79.018	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-71		0.000	0.009	98.411	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-73		0.000	0.012	100.025	2011-08-27 09:00:00	2011-08-27 22:01:00
H7-74		0.000	0.011	93.786	2011-08-27 09:00:00	2011-08-27 22:01:00
H7-74A		0.000	0.038	405.414	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-74B		0.000	0.015	172.778	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-74C		0.000	0.022	244.487	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-76		0.000	0.001	6.953	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-77		0.000	0.001	8.594	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-78		0.000	0.024	257.081	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-79		0.000	0.024	256.971	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-8		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-80		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-81		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-82		0.000	0.007	78.562	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-83		0.000	0.009	98.900	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-84		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-85		0.000	0.026	274.328	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-86		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-87		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-88		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-89		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-9		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-90		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-91		0.000	0.021	222.803	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-92		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-93		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-94		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-95		0.000	0.024	261.881	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-96		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-97		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-98		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-99		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
HHA		0.000	0.480	5819.670	2011-08-27 09:00:00	2011-08-27 22:01:00
HSI-1		0.000	0.005	61.150	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-10		0.000	0.024	266.393	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-11		0.000	0.027	263.812	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-12		0.000	0.011	124.776	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-13		0.000	0.020	225.928	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-14A		0.000	0.018	164.659	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-15		0.000	0.018	151.760	2011-08-27 09:00:00	2011-08-27 22:01:00

HSI-16		0.000	0.028	260.324	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-2		0.000	0.005	54.792	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-3		0.000	0.005	51.822	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-4		0.000	0.005	53.958	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-5		0.000	0.010	110.028	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-6		0.000	0.009	101.047	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-7		0.000	0.004	40.021	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-8		0.000	0.002	27.253	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-9		0.000	0.017	172.462	2011-08-27 09:00:00	2011-08-27 22:00:00
JC-1		0.000	2.517	38981.134	2011-08-27 09:00:00	2011-08-27 23:16:00
Total :				230521.009		

Boundary Connections

Rainfall And Meteo Boundaries

Boundary Condition ID	Type	Connection Type	Location	Temporal variation	
BC_10	Rainfall	All catchments		Time Series	Q:\50074974\Tech\Modeling\Hoboken_Coastal_Modelling\Irene_Setup\Integration\01_Ext

MIKE URBAN Hydrology Results

Proposed DSD Alternatives: 10-Year Rainfall Event

MOUSE Runoff Computation Engine x64 v2014 Release Version (14.0.0.9034)

MOUSE Runoff Model UHM Status Report

File Overview

Working dir : C:\Projects\50074974\MIKEURBAN\ProposedAlternatives\
Hydrological data file : RO_Prop_10yrProposedAlt.mex
Sewer network data : RO_Prop_10yrProposedAlt.mex
Result File : RO_Prop_10yrProposedAlt.CRF

Time Overview

Simulation start date : 2011-08-27 09:00:00
Simulation end date : 2011-08-28 09:00:00
Simulation time step [s] : 60

Simulation Result Summary

Catchment Result Summary**Catchment runoff hydrograph summary**

CatchmentID	Rain Event	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum
		[m ³ /s]	[m ³ /s]	[m ³]		
14VO-1		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-10		0.000	0.008	94.412	2011-08-27 09:00:00	2011-08-27 22:00:00
14VO-11		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-12		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-13		0.000	0.155	1444.871	2011-08-27 09:00:00	2011-08-27 22:01:00
14VO-14		0.000	0.030	340.052	2011-08-27 09:00:00	2011-08-27 22:00:00
14-VO15		0.000	0.047	440.821	2011-08-27 09:00:00	2011-08-27 22:01:00
14VO-2		0.000	0.010	110.255	2011-08-27 09:00:00	2011-08-27 22:00:00
14VO-3		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-4		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-5		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-6		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-7		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-8		0.000	0.009	98.666	2011-08-27 09:00:00	2011-08-27 22:00:00
14VO-9		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
BASF		0.000	1.392	25105.650	2011-08-27 09:00:00	2011-08-27 23:21:00
Block 12_A4		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
Block 12_A5		0.000	0.001	13.422	2011-08-27 09:00:00	2011-08-27 22:00:00
Block_12_NN		0.000	0.005	59.691	2011-08-27 09:00:00	2011-08-27 22:00:00
BLOCK10		0.000	0.292	3574.164	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1		0.000	0.052	600.582	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_10		0.000	0.075	869.650	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1558_1		0.000	0.006	73.255	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1558_2		0.000	0.006	73.588	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1559_1		0.000	0.009	102.017	2011-08-27 09:00:00	2011-08-27 22:00:00

Catchment_1559_2		0.000	0.008	97.138	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1560_1		0.000	0.009	100.115	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1560_2		0.000	0.009	99.881	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1561_1		0.000	0.009	99.098	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1561_2		0.000	0.009	104.383	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_2		0.000	0.050	571.972	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_31		0.000	0.179	1680.561	2011-08-27 09:00:00	2011-08-27 22:01:00
Catchment_32		0.000	0.071	817.892	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_33		0.000	0.472	4581.010	2011-08-27 09:00:00	2011-08-27 22:01:00
Catchment_5		0.000	0.033	376.512	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_6		0.000	0.037	424.264	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_7		0.000	0.045	520.688	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_8		0.000	0.026	303.046	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_9		0.000	0.119	1380.236	2011-08-27 09:00:00	2011-08-27 22:00:00
City Hall - Untreated		0.000	0.007	83.567	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-1		0.000	0.010	117.791	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-10		0.000	0.011	131.266	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-100		0.000	0.005	53.117	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-102		0.000	0.026	294.544	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-103		0.000	0.096	1108.850	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-104		0.000	0.008	88.906	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-105		0.000	0.009	101.961	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-105a		0.000	0.024	275.449	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-106		0.000	0.026	272.275	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-107		0.000	0.008	90.407	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-108		0.000	0.010	119.684	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-109		0.000	0.007	80.742	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-11		0.000	0.002	23.386	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-11_2		0.000	0.002	23.563	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-110		0.000	0.009	105.427	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-111		0.000	0.019	213.465	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-112		0.000	0.016	174.675	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-113		0.000	0.006	73.363	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-114		0.000	0.004	42.150	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-115		0.000	0.004	40.414	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-116		0.000	0.003	37.510	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-117		0.000	0.003	29.033	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-119		0.000	0.005	54.251	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-12		0.000	0.005	52.655	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-120		0.000	0.007	85.833	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-121		0.000	0.039	396.341	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-122		0.000	0.043	447.181	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-123		0.000	0.015	172.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-124		0.000	0.017	191.894	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-125		0.000	0.007	79.528	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-126		0.000	0.005	61.971	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-127		0.000	0.010	110.739	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-128		0.000	0.005	55.278	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-129		0.000	0.005	60.560	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-13		0.000	0.019	188.827	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-130		0.000	0.008	93.231	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-131		0.000	0.003	28.640	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-132		0.000	0.005	55.193	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-133		0.000	0.012	137.919	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-134		0.000	0.043	479.976	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-135		0.000	0.006	71.972	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-136		0.000	0.004	49.846	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-137		0.000	0.002	20.325	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-138		0.000	0.005	61.391	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-139		0.000	0.003	36.034	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-14		0.000	0.020	201.561	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-140		0.000	0.007	77.229	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-141		0.000	0.043	447.218	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-142		0.000	0.015	176.483	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-143		0.000	0.016	188.867	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-144		0.000	0.043	447.209	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-145		0.000	0.004	48.783	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-146		0.000	0.004	50.240	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-147		0.000	0.010	117.137	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-148		0.000	0.012	133.358	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-149		0.000	0.028	294.760	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-15		0.000	0.008	86.312	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-150		0.000	0.028	294.764	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-151		0.000	0.028	294.761	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-152		0.000	0.011	123.930	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-153		0.000	0.011	126.508	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-154		0.000	0.005	51.838	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-155		0.000	0.004	47.833	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-156		0.000	0.005	51.847	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-157		0.000	0.004	47.801	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-159		0.000	0.011	128.282	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-16		0.000	0.008	94.115	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-160		0.000	0.011	121.863	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-161		0.000	0.030	323.191	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-162		0.000	0.028	294.762	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-163		0.000	0.004	50.248	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-164		0.000	0.004	48.807	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-165		0.000	0.011	120.721	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-167		0.000	0.011	129.381	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-168		0.000	0.028	294.765	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-169		0.000	0.004	49.968	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-17		0.000	0.004	48.809	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-170		0.000	0.004	48.980	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-171		0.000	0.011	124.752	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-172		0.000	0.011	125.873	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-173		0.000	0.024	232.947	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-174		0.000	0.005	53.304	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-175		0.000	0.004	46.343	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-176		0.000	0.007	85.604	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-177		0.000	0.008	94.803	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-178		0.000	0.023	256.196	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-179		0.000	0.004	51.223	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-18		0.000	0.004	50.328	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-180		0.000	0.004	47.866	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-181		0.000	0.004	50.842	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-181_2		0.000	0.006	66.242	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-182		0.000	0.012	133.104	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-183		0.000	0.028	294.761	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-184		0.000	0.004	51.519	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-185		0.000	0.004	48.037	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-186		0.000	0.011	121.951	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-187		0.000	0.011	128.373	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-188		0.000	0.032	362.946	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-189		0.000	0.029	304.102	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-19		0.000	0.027	267.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-190		0.000	0.027	267.514	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-191		0.000	0.032	362.948	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-192		0.000	0.011	121.530	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-193		0.000	0.011	129.176	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-194		0.000	0.002	24.795	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-194_2		0.000	0.002	24.780	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-195		0.000	0.004	50.240	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-196		0.000	0.032	362.948	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-197		0.000	0.032	362.947	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-198		0.000	0.029	304.103	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-199		0.000	0.010	118.297	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-2		0.000	0.006	66.436	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-2_2		0.000	0.006	65.945	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-20		0.000	0.028	294.763	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-200		0.000	0.011	131.641	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-201		0.000	0.004	48.613	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-202		0.000	0.004	50.558	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-203		0.000	0.020	208.068	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-204		0.000	0.020	214.661	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-205		0.000	0.023	256.197	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-206		0.000	0.007	81.593	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-207		0.000	0.009	98.928	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-208		0.000	0.004	47.096	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-209		0.000	0.005	51.949	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-21		0.000	0.011	126.919	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-210		0.000	0.029	304.108	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-211		0.000	0.028	294.760	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-212		0.000	0.031	342.792	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-213		0.000	0.010	118.741	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-214		0.000	0.012	131.743	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-215		0.000	0.004	50.013	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-216		0.000	0.004	49.124	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-217		0.000	0.028	285.554	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-218		0.000	0.028	285.554	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-219		0.000	0.031	342.792	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-22		0.000	0.011	123.595	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-220		0.000	0.010	117.831	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-221		0.000	0.006	67.725	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-221_2		0.000	0.006	64.232	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-222		0.000	0.004	48.663	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-223		0.000	0.004	50.738	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-224		0.000	0.031	342.791	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-225		0.000	0.027	267.512	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-226		0.000	0.031	342.792	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-227		0.000	0.010	115.348	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-228		0.000	0.006	72.619	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-228_2		0.000	0.006	63.737	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-229		0.000	0.005	55.770	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-23		0.000	0.023	256.195	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-230		0.000	0.004	43.417	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-231		0.000	0.041	420.046	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-232		0.000	0.041	444.120	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-233		0.000	0.014	157.937	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-234		0.000	0.017	200.093	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-235		0.000	0.008	94.046	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-236		0.000	0.038	438.363	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-237		0.000	0.033	383.511	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-238		0.000	0.057	595.408	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-239		0.000	0.069	774.280	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-24		0.000	0.025	199.046	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-240		0.000	0.005	62.595	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-241		0.000	0.006	73.314	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-242		0.000	0.012	138.789	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-243		0.000	0.014	154.953	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-244		0.000	0.038	409.623	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-245		0.000	0.035	396.106	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-246		0.000	0.003	37.099	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-247		0.000	0.005	62.624	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-248		0.000	0.010	119.210	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-249		0.000	0.012	133.201	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-25		0.000	0.008	90.970	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-250		0.000	0.029	304.101	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-251		0.000	0.023	216.405	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-252		0.000	0.005	51.757	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-253		0.000	0.004	48.835	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-254		0.000	0.005	52.049	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-255		0.000	0.004	47.459	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-256		0.000	0.010	116.541	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-257		0.000	0.012	133.021	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-258		0.000	0.025	249.971	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-259		0.000	0.032	362.002	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-26		0.000	0.008	94.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-260		0.000	0.004	48.529	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-261		0.000	0.004	50.670	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-262		0.000	0.010	113.149	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-263		0.000	0.012	137.278	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-264		0.000	0.028	294.759	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-265		0.000	0.029	304.098	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-266		0.000	0.004	50.603	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-267		0.000	0.004	48.422	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-268		0.000	0.007	78.255	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-269		0.000	0.009	102.023	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-27		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-270		0.000	0.023	256.198	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-271		0.000	0.022	255.952	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-272		0.000	0.004	48.812	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-273		0.000	0.004	50.507	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-274		0.000	0.010	114.177	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-275		0.000	0.012	135.707	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-276		0.000	0.029	304.101	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-277		0.000	0.031	342.789	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-278		0.000	0.004	46.977	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-279		0.000	0.005	52.086	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-28		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-280		0.000	0.010	117.710	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-281		0.000	0.012	133.385	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-282		0.000	0.028	285.551	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-283		0.000	0.032	362.952	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-284		0.000	0.032	362.942	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-285		0.000	0.032	362.947	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-286		0.000	0.011	120.452	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-287		0.000	0.006	65.827	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-287_2		0.000	0.006	65.175	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-288		0.000	0.005	54.770	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-289		0.000	0.004	44.360	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-29		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-290		0.000	0.002	28.558	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-291		0.000	0.004	41.697	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-292		0.000	0.028	294.761	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-293		0.000	0.028	289.065	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-294		0.000	0.010	116.800	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-295		0.000	0.006	69.808	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-295_2		0.000	0.006	64.023	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-296		0.000	0.005	53.396	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-297		0.000	0.004	46.609	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-298		0.000	0.023	256.449	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-299		0.000	0.022	245.813	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-3		0.000	0.032	364.164	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-30		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-300		0.000	0.007	82.770	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-301		0.000	0.008	96.715	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-302		0.000	0.004	48.224	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-303		0.000	0.004	51.411	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-304		0.000	0.028	285.549	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-305		0.000	0.028	294.763	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-306		0.000	0.010	113.525	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-307		0.000	0.012	138.065	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-308		0.000	0.004	51.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-309		0.000	0.004	48.169	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-30A		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-31		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-310		0.000	0.032	363.890	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-311		0.000	0.032	362.949	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-312		0.000	0.010	112.366	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-313		0.000	0.012	137.592	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-314		0.000	0.004	48.264	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-315		0.000	0.004	50.905	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-316		0.000	0.029	304.100	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-317		0.000	0.032	362.946	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-318		0.000	0.010	113.954	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-319		0.000	0.012	136.583	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-32		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-320		0.000	0.005	57.616	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-321		0.000	0.004	41.572	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-322		0.000	0.031	357.350	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-323		0.000	0.026	293.434	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-324		0.000	0.010	110.353	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-325		0.000	0.010	118.083	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-326		0.000	0.006	70.580	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-327		0.000	0.007	80.791	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-328		0.000	0.007	83.416	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-329		0.000	0.006	72.140	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-33		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-330		0.000	0.008	88.611	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-331		0.000	0.006	72.605	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-332		0.000	0.020	206.839	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-333		0.000	0.017	190.762	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-334		0.000	0.004	45.716	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-335		0.000	0.005	54.184	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-336		0.000	0.010	117.945	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-337		0.000	0.012	132.376	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-338		0.000	0.032	362.951	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-339		0.000	0.030	323.182	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-34		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-340		0.000	0.004	47.440	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-341		0.000	0.005	51.957	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-342		0.000	0.010	116.114	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-343		0.000	0.012	134.773	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-344		0.000	0.032	362.948	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-345		0.000	0.031	321.063	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-346		0.000	0.004	48.169	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-347		0.000	0.005	51.663	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-348		0.000	0.012	143.012	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-349		0.000	0.009	108.812	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-35		0.000	0.031	342.789	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-350		0.000	0.031	342.788	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-351		0.000	0.035	402.810	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-352		0.000	0.006	71.474	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-353		0.000	0.006	69.778	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-354		0.000	0.004	48.032	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-355		0.000	0.005	51.742	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-356		0.000	0.009	89.913	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-357		0.000	0.012	121.575	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-358		0.000	0.002	23.876	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-359		0.000	0.002	24.957	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-36		0.000	0.011	127.581	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-360		0.000	0.004	51.159	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-361		0.000	0.004	48.126	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-362		0.000	0.005	53.600	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-363		0.000	0.004	45.811	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-364		0.000	0.028	285.551	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-365		0.000	0.032	362.942	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-366		0.000	0.010	115.305	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-367		0.000	0.012	135.445	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-368		0.000	0.005	56.186	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-369		0.000	0.004	42.927	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-37		0.000	0.011	125.319	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-370		0.000	0.013	152.019	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-371		0.000	0.011	128.099	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-372		0.000	0.004	47.912	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-373		0.000	0.004	50.492	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-374		0.000	0.006	70.920	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-375		0.000	0.006	73.410	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-376		0.000	0.032	362.945	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-377		0.000	0.010	119.789	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-38		0.000	0.004	48.489	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-388		0.000	0.011	130.386	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-389		0.000	0.004	44.007	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-389_2		0.000	0.004	42.754	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-39		0.000	0.004	51.453	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-390		0.000	0.011	120.737	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-391		0.000	0.010	113.188	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-392		0.000	0.012	142.244	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-393		0.000	0.032	362.952	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-394		0.000	0.032	362.945	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-395		0.000	0.004	50.345	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-396		0.000	0.004	49.150	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-397		0.000	0.004	48.043	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-398		0.000	0.004	48.350	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-399		0.000	0.011	128.098	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-4		0.000	0.032	362.946	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-40		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-400		0.000	0.011	128.099	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-401		0.000	0.004	42.547	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-402		0.000	0.005	57.214	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-403		0.000	0.011	121.218	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-404		0.000	0.011	129.540	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-405		0.000	0.032	362.946	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-406		0.000	0.030	323.170	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-407		0.000	0.004	46.833	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-408		0.000	0.005	52.901	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-409		0.000	0.005	60.676	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-41		0.000	0.030	312.083	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-410		0.000	0.006	67.396	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-411		0.000	0.013	136.046	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-412		0.000	0.016	175.755	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-413		0.000	0.002	26.290	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-414		0.000	0.002	23.784	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-415		0.000	0.012	122.433	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-416		0.000	0.005	53.794	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-417		0.000	0.006	69.621	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-418		0.000	0.015	158.284	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-419		0.000	0.005	55.179	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-42		0.000	0.011	129.196	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-420		0.000	0.004	43.298	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-421		0.000	0.011	128.099	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-422		0.000	0.011	128.099	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-423		0.000	0.004	41.178	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-424		0.000	0.005	55.858	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-425		0.000	0.004	51.087	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-426		0.000	0.004	47.216	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-427		0.000	0.028	285.549	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-428		0.000	0.029	304.103	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-429		0.000	0.007	75.243	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-429_2		0.000	0.004	43.818	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-43		0.000	0.011	127.267	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-430		0.000	0.012	136.168	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-431		0.000	0.008	90.327	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-432		0.000	0.011	126.787	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-433		0.000	0.010	119.969	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-434		0.000	0.008	89.539	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-435		0.000	0.004	41.475	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-436		0.000	0.005	58.668	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-437		0.000	0.010	118.490	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-438		0.000	0.012	132.857	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-439		0.000	0.004	47.853	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-44		0.000	0.030	312.439	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-440		0.000	0.005	52.550	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-441		0.000	0.004	46.523	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-442		0.000	0.004	49.286	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-443		0.000	0.010	117.106	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-444		0.000	0.012	133.191	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-445		0.000	0.004	43.821	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-446		0.000	0.003	38.026	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-447		0.000	0.028	285.553	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-448		0.000	0.024	272.205	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-449		0.000	0.002	23.674	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-45		0.000	0.022	200.355	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-450		0.000	0.002	25.620	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-451		0.000	0.010	118.640	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-452		0.000	0.011	131.318	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-453		0.000	0.004	42.906	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-454		0.000	0.003	38.770	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-455		0.000	0.030	323.172	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-456		0.000	0.043	442.140	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-457		0.000	0.002	22.982	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-458		0.000	0.002	26.437	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-459		0.000	0.003	37.771	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-46		0.000	0.011	125.049	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-460		0.000	0.004	43.712	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-461		0.000	0.008	88.158	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-462		0.000	0.008	93.777	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-463		0.000	0.015	175.871	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-464		0.000	0.020	212.657	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-465		0.000	0.002	27.494	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-466		0.000	0.002	22.076	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-467		0.000	0.004	43.487	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-468		0.000	0.003	37.831	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-469		0.000	0.011	121.224	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-47		0.000	0.011	128.534	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-470		0.000	0.011	128.380	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-471		0.000	0.029	304.101	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-472		0.000	0.022	242.385	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-473		0.000	0.022	242.390	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-474		0.000	0.002	25.545	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-475		0.000	0.002	23.904	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-476		0.000	0.004	41.951	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-477		0.000	0.003	39.514	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-478		0.000	0.010	116.176	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-479		0.000	0.012	134.482	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-48		0.000	0.004	48.076	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-480		0.000	0.025	249.978	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-481		0.000	0.022	242.373	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-482		0.000	0.002	26.797	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-483		0.000	0.002	22.157	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-484		0.000	0.010	117.305	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-485		0.000	0.012	132.195	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-486		0.000	0.024	232.942	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-487		0.000	0.023	259.256	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-488		0.000	0.019	185.907	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-489		0.000	0.002	25.591	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-49		0.000	0.005	52.128	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-490		0.000	0.002	24.049	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-491		0.000	0.004	44.532	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-492		0.000	0.004	45.121	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-493		0.000	0.003	39.488	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-494		0.000	0.004	41.959	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-495		0.000	0.018	180.612	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-496		0.000	0.013	144.308	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-497		0.000	0.004	45.832	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-498		0.000	0.003	36.187	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-499		0.000	0.013	145.406	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-5		0.000	0.002	23.757	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-50		0.000	0.012	132.428	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-500		0.000	0.010	109.289	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-501		0.000	0.011	120.863	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-502		0.000	0.010	109.340	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-503		0.000	0.003	30.195	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-504		0.000	0.005	52.203	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-505		0.000	0.004	41.210	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-506		0.000	0.004	49.541	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-507		0.000	0.010	112.492	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-508		0.000	0.010	100.632	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-509		0.000	0.002	28.593	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-51		0.000	0.012	132.929	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-510		0.000	0.011	117.444	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-511		0.000	0.011	118.313	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-512		0.000	0.001	13.593	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-513		0.000	0.004	42.211	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-514		0.000	0.009	108.428	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-515		0.000	0.024	272.209	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-516		0.000	0.007	74.756	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-517		0.000	0.009	108.255	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-518		0.000	0.017	190.132	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-519		0.000	0.017	197.893	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-52		0.000	0.029	324.955	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-520		0.000	0.024	272.209	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-521		0.000	0.037	420.645	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-522		0.000	0.005	57.490	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-523		0.000	0.005	62.675	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-524		0.000	0.004	50.602	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-525		0.000	0.003	31.117	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-526		0.000	0.004	41.205	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-527		0.000	0.004	40.315	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-528		0.000	0.011	128.099	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-53		0.000	0.032	362.947	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-530		0.000	0.011	120.965	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-531		0.000	0.012	134.810	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-532		0.000	0.030	323.180	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-533		0.000	0.024	272.209	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-534		0.000	0.028	285.548	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-535		0.000	0.024	272.213	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-535A		0.000	0.024	272.119	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-536		0.000	0.002	23.123	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-537		0.000	0.002	26.110	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-538		0.000	0.026	273.447	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-539		0.000	0.011	102.197	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-54		0.000	0.032	362.945	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-55		0.000	0.030	323.180	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-56		0.000	0.011	123.093	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-57		0.000	0.011	127.820	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-58		0.000	0.004	45.999	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-59		0.000	0.005	52.730	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-6		0.000	0.002	25.698	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-60		0.000	0.027	267.520	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-61		0.000	0.028	294.762	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-62		0.000	0.010	119.877	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-63		0.000	0.011	131.121	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-64		0.000	0.005	52.226	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-65		0.000	0.004	47.526	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-66		0.000	0.006	70.286	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-67		0.000	0.008	89.068	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-68		0.000	0.008	95.319	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-69		0.000	0.006	64.434	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-7		0.000	0.028	295.450	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-70		0.000	0.002	20.900	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-71		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-72		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-73		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-75		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-76		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-77		0.000	0.005	57.497	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-78		0.000	0.007	77.287	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-79		0.000	0.019	201.617	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-8		0.000	0.032	362.944	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-80		0.000	0.023	241.185	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-81		0.000	0.037	406.988	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-82		0.000	0.010	118.002	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-83		0.000	0.012	142.114	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-84		0.000	0.008	86.563	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-85		0.000	0.007	85.159	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-86		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-88		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-89		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-9		0.000	0.010	118.872	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-90		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-91		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-93		0.000	0.002	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-94		0.000	0.005	52.704	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-95		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-96		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-97		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-98		0.000	0.030	333.326	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-99		0.000	0.004	49.513	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-NJT		0.000	0.164	1836.398	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-NJT1		0.000	0.015	173.647	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-West1		0.000	0.549	6265.017	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-West2		0.000	0.503	5645.172	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-1		0.000	0.009	96.981	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-10		0.000	0.005	55.893	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-100		0.000	0.005	55.408	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-101		0.000	0.009	97.407	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-102		0.000	0.006	66.713	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-103		0.000	0.006	70.800	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-104		0.000	0.007	76.645	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-105		0.000	0.013	153.223	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-106		0.000	0.013	147.574	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-107		0.000	0.007	82.562	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-108		0.000	0.010	113.058	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-109		0.000	0.015	170.976	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-11		0.000	0.004	46.336	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-110		0.000	0.006	74.276	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-111		0.000	0.008	88.725	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-12		0.000	0.002	26.871	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-13		0.000	0.002	27.206	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-14		0.000	0.009	98.177	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-14A		0.000	0.003	34.895	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-15		0.000	0.016	181.470	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-16		0.000	0.016	181.474	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-17		0.000	0.016	181.472	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-18		0.000	0.002	26.892	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-19		0.000	0.002	28.435	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-2		0.000	0.006	72.714	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-20		0.000	0.016	181.474	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-21		0.000	0.002	27.340	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-22		0.000	0.002	27.775	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-23		0.000	0.016	181.837	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-24		0.000	0.018	203.059	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-25		0.000	0.002	26.498	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-26		0.000	0.003	28.793	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-27		0.000	0.005	55.836	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-28		0.000	0.002	21.263	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-29		0.000	0.001	9.032	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-3		0.000	0.006	73.794	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-30		0.000	0.002	25.701	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-31		0.000	0.007	81.807	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-32		0.000	0.007	81.253	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-33		0.000	0.006	63.256	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-34		0.000	0.007	82.203	2011-08-27 09:00:00	2011-08-27 22:00:00

H2-35		0.000	0.012	131.746	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-37		0.000	0.018	202.320	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-38		0.000	0.016	182.356	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-39		0.000	0.016	181.471	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-39A		0.000	0.001	15.257	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-39B		0.000	0.002	17.336	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-4		0.000	0.007	82.011	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-40		0.000	0.016	181.475	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-40A		0.000	0.002	17.578	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-40B		0.000	0.001	14.905	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-41		0.000	0.018	200.939	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-42		0.000	0.016	184.116	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-43		0.000	0.016	181.473	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-44		0.000	0.017	200.441	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-45		0.000	0.016	186.168	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-46		0.000	0.006	64.049	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-47		0.000	0.003	32.555	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-48		0.000	0.002	22.646	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-49		0.000	0.015	172.414	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-5		0.000	0.006	72.467	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-50		0.000	0.015	172.613	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-50A		0.000	0.015	172.758	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-51		0.000	0.002	24.546	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-52		0.000	0.002	26.396	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-53		0.000	0.004	50.678	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-54		0.000	0.003	29.467	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-55		0.000	0.006	64.048	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-56		0.000	0.005	58.061	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-57		0.000	0.007	76.003	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-58		0.000	0.006	71.051	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-59		0.000	0.002	28.073	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-6		0.000	0.001	15.155	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-60		0.000	0.005	57.878	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-61		0.000	0.001	10.190	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-62		0.000	0.002	19.504	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-63		0.000	0.016	175.445	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-64		0.000	0.021	234.316	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-65		0.000	0.006	70.344	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-66		0.000	0.006	68.285	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-67		0.000	0.009	100.627	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-68		0.000	0.004	45.256	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-69		0.000	0.005	56.728	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-7		0.000	0.001	6.123	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-70		0.000	0.017	188.040	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-71		0.000	0.032	362.946	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-72		0.000	0.032	362.947	2011-08-27 09:00:00	2011-08-27 22:00:00

H2-73		0.000	0.013	148.629	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-74		0.000	0.014	158.689	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-75		0.000	0.007	78.201	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-76		0.000	0.007	82.338	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-76A		0.000	0.001	12.362	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-76B		0.000	0.001	15.913	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-77		0.000	0.005	52.278	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-78		0.000	0.005	56.746	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-79		0.000	0.005	55.456	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-8		0.000	0.003	33.087	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-80		0.000	0.004	46.143	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-81		0.000	0.002	28.419	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-82		0.000	0.002	25.913	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-83		0.000	0.005	58.623	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-84		0.000	0.005	61.598	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-85		0.000	0.006	70.038	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-86		0.000	0.032	354.354	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-87		0.000	0.013	149.449	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-88		0.000	0.011	128.521	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-89		0.000	0.011	127.677	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-9		0.000	0.011	126.511	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-90		0.000	0.010	109.714	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-91		0.000	0.005	59.837	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-91A		0.000	0.001	13.548	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-91B		0.000	0.001	17.137	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-92		0.000	0.005	51.906	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-93		0.000	0.013	149.449	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-94		0.000	0.005	60.076	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-95		0.000	0.006	65.613	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-96		0.000	0.016	182.541	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-97		0.000	0.002	26.564	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-98		0.000	0.007	82.980	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-99		0.000	0.021	239.281	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-9A		0.000	0.003	37.626	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-NJT1		0.000	0.060	692.900	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-1		0.000	0.027	268.811	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-10		0.000	0.002	28.144	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-100		0.000	0.013	131.465	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-101		0.000	0.015	176.351	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-102		0.000	0.005	58.176	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-103		0.000	0.006	64.157	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-104		0.000	0.004	48.585	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-105		0.000	0.004	50.625	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-106		0.000	0.010	115.919	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-107		0.000	0.012	133.964	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-108		0.000	0.028	294.756	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-109		0.000	0.025	249.979	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-11		0.000	0.002	22.846	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-110		0.000	0.002	25.954	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-111		0.000	0.002	24.307	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-112		0.000	0.012	134.377	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-113		0.000	0.010	115.931	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-114		0.000	0.002	26.456	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-115		0.000	0.002	23.726	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-116		0.000	0.013	127.550	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-117		0.000	0.015	164.894	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-118		0.000	0.002	25.852	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-119		0.000	0.002	23.386	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-12		0.000	0.002	25.491	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-120		0.000	0.005	57.866	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-121		0.000	0.006	69.254	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-122		0.000	0.016	181.473	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-123		0.000	0.016	181.464	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-124		0.000	0.016	181.475	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-125		0.000	0.005	53.441	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-126		0.000	0.002	23.632	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-127		0.000	0.001	12.176	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-128		0.000	0.001	10.606	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-129		0.000	0.016	181.474	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-129A		0.000	0.002	26.641	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-13		0.000	0.012	132.825	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-130		0.000	0.016	181.469	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-130A		0.000	0.004	50.369	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-131		0.000	0.014	159.295	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-132		0.000	0.013	149.181	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-133		0.000	0.003	29.123	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-134		0.000	0.002	24.945	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-135		0.000	0.016	181.474	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-136		0.000	0.014	138.198	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-137		0.000	0.017	195.006	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-138		0.000	0.001	12.463	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-139		0.000	0.001	10.475	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-14		0.000	0.010	118.031	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-140		0.000	0.001	9.058	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-141		0.000	0.001	8.860	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-142		0.000	0.003	29.373	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-143		0.000	0.002	24.307	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-144		0.000	0.001	8.719	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-145		0.000	0.014	158.263	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-146		0.000	0.013	149.768	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-147		0.000	0.005	55.150	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-148		0.000	0.004	46.790	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-149		0.000	0.020	222.466	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-15		0.000	0.025	249.587	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-150		0.000	0.009	88.592	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-151		0.000	0.006	67.365	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-152		0.000	0.012	137.017	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-153		0.000	0.005	60.919	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-154		0.000	0.007	76.569	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-155		0.000	0.006	63.569	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-156		0.000	0.012	132.311	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-157		0.000	0.004	46.390	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-158		0.000	0.005	55.942	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-16		0.000	0.002	26.556	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-17		0.000	0.002	24.534	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-18		0.000	0.028	294.761	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-19		0.000	0.002	22.501	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-2		0.000	0.030	323.183	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-20		0.000	0.002	27.425	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-21		0.000	0.011	127.319	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-22		0.000	0.011	122.536	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-23		0.000	0.022	212.411	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-24		0.000	0.029	304.103	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-25		0.000	0.002	26.496	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-26		0.000	0.002	23.238	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-27		0.000	0.011	124.168	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-28		0.000	0.011	126.103	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-29		0.000	0.024	232.945	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-2A		0.000	0.004	48.112	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-2B		0.000	0.004	50.046	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-3		0.000	0.012	137.063	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-30		0.000	0.032	362.945	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-31		0.000	0.032	362.941	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-32		0.000	0.003	36.158	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-33		0.000	0.004	45.650	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-34		0.000	0.005	53.611	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-35		0.000	0.011	124.457	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-36		0.000	0.008	89.994	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-37		0.000	0.025	249.976	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-38		0.000	0.038	391.126	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-39		0.000	0.002	28.037	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-4		0.000	0.010	118.972	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-40		0.000	0.004	41.222	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-41		0.000	0.011	131.635	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-42		0.000	0.005	61.194	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-42_2		0.000	0.005	57.857	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-43		0.000	0.003	39.097	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-44		0.000	0.004	40.511	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-45		0.000	0.009	106.498	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-46		0.000	0.032	362.951	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-47		0.000	0.026	267.510	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-48		0.000	0.003	37.868	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-49		0.000	0.007	80.746	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-5		0.000	0.002	21.340	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-50		0.000	0.028	285.549	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-51		0.000	0.030	313.383	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-52		0.000	0.011	131.512	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-53		0.000	0.004	50.879	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-54		0.000	0.004	48.637	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-55		0.000	0.010	118.028	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-56		0.000	0.021	167.866	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-57		0.000	0.020	208.066	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-58		0.000	0.026	267.508	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-59		0.000	0.030	323.181	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-6		0.000	0.003	29.067	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-60		0.000	0.005	52.556	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-61		0.000	0.004	46.614	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-62		0.000	0.010	113.563	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-63		0.000	0.012	136.630	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-64		0.000	0.029	327.566	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-64A		0.000	0.010	111.846	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-65		0.000	0.032	362.945	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-65B		0.000	0.012	138.091	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-66		0.000	0.004	47.644	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-67		0.000	0.005	52.166	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-68		0.000	0.011	122.120	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-69		0.000	0.026	267.507	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-7		0.000	0.032	362.944	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-70		0.000	0.005	58.909	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-71		0.000	0.004	45.290	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-72		0.000	0.011	120.439	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-73		0.000	0.021	167.202	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-74		0.000	0.004	47.511	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-74_2		0.000	0.004	48.500	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-75		0.000	0.007	85.081	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-76		0.000	0.002	24.908	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-77		0.000	0.002	24.357	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-78		0.000	0.031	342.794	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-79		0.000	0.028	323.082	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-8		0.000	0.029	305.609	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-80		0.000	0.004	48.211	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-81		0.000	0.005	55.455	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-82		0.000	0.024	232.941	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-83		0.000	0.028	285.553	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-84		0.000	0.005	55.947	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-85		0.000	0.004	46.522	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-86		0.000	0.008	86.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-87		0.000	0.028	285.549	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-88		0.000	0.028	294.769	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-89		0.000	0.002	23.375	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-9		0.000	0.002	21.045	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-90		0.000	0.010	116.735	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-91		0.000	0.012	133.448	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-92		0.000	0.026	268.462	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-93		0.000	0.026	267.510	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-94		0.000	0.012	135.700	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-95		0.000	0.010	114.780	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-96		0.000	0.004	50.687	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-97		0.000	0.004	48.877	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-98		0.000	0.011	122.764	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-99		0.000	0.011	127.125	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-1		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H4-10		0.000	0.004	35.710	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-100		0.000	0.008	84.638	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-101		0.000	0.010	99.685	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-102		0.000	0.023	214.782	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-103		0.000	0.008	57.816	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-104		0.000	0.001	4.534	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-105		0.000	0.003	33.541	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-106		0.000	0.004	42.421	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-107		0.000	0.008	82.904	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-108		0.000	0.003	21.649	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-109		0.000	0.027	267.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-11		0.000	0.004	40.450	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-110		0.000	0.027	267.512	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-111		0.000	0.003	30.286	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-112		0.000	0.004	43.110	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-113		0.000	0.010	96.637	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-114		0.000	0.004	43.399	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-114_2		0.000	0.004	44.487	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-115		0.000	0.027	267.505	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-116		0.000	0.027	267.503	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-117		0.000	0.004	38.937	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-118		0.000	0.003	34.554	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-119		0.000	0.009	94.473	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-12		0.000	0.002	19.157	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-120		0.000	0.009	90.431	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-121		0.000	0.027	267.508	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-122		0.000	0.023	216.846	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-123		0.000	0.003	29.819	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-124		0.000	0.004	42.624	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-125		0.000	0.010	97.915	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-126		0.000	0.009	87.263	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-127		0.000	0.024	234.690	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-128		0.000	0.023	216.402	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-129		0.000	0.004	42.423	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-13		0.000	0.002	17.510	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-130		0.000	0.003	30.240	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-131		0.000	0.010	98.049	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-132		0.000	0.009	86.882	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-133		0.000	0.027	267.510	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-134		0.000	0.021	192.346	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-135		0.000	0.004	41.368	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-136		0.000	0.003	31.763	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-137		0.000	0.009	89.492	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-138		0.000	0.009	95.220	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-139		0.000	0.027	267.510	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-14		0.000	0.004	41.762	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-140		0.000	0.024	232.944	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-141		0.000	0.004	38.687	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-142		0.000	0.003	34.306	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-143		0.000	0.009	90.063	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-144		0.000	0.009	94.641	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-145		0.000	0.025	249.456	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-145A		0.000	0.007	68.820	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-145B		0.000	0.004	37.185	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-146		0.000	0.022	208.318	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-147		0.000	0.003	27.576	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-148		0.000	0.002	15.963	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-149		0.000	0.002	21.238	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-15		0.000	0.004	43.043	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-150		0.000	0.010	102.640	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-151		0.000	0.009	86.060	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-152		0.000	0.023	216.408	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-153		0.000	0.026	267.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-154		0.000	0.005	45.530	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-155		0.000	0.003	31.055	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-156		0.000	0.004	42.735	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-157		0.000	0.002	20.418	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-158		0.000	0.009	95.060	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-159		0.000	0.009	89.314	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-16		0.000	0.020	177.201	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-160		0.000	0.023	216.403	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-161		0.000	0.020	177.516	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-162		0.000	0.002	16.012	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-163		0.000	0.003	32.677	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-164		0.000	0.004	40.801	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-165		0.000	0.010	99.474	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-166		0.000	0.008	85.166	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-167		0.000	0.021	192.514	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-168		0.000	0.024	226.686	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-169		0.000	0.002	16.249	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-17		0.000	0.026	258.442	2011-08-27 09:00:00	2011-08-27 22:01:00
H4-170		0.000	0.002	19.991	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-171		0.000	0.004	38.648	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-172		0.000	0.003	34.382	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-173		0.000	0.009	89.200	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-174		0.000	0.009	95.500	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-175		0.000	0.003	34.473	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-176		0.000	0.004	39.233	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-177		0.000	0.023	216.410	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-178		0.000	0.002	19.840	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-179		0.000	0.002	16.873	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-18		0.000	0.020	178.032	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-180		0.000	0.009	94.564	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-181		0.000	0.018	162.386	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-182		0.000	0.002	19.095	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-183		0.000	0.002	17.745	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-184		0.000	0.009	95.305	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-185		0.000	0.019	188.831	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-186		0.000	0.002	16.454	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-187		0.000	0.002	20.369	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-188		0.000	0.007	70.360	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-189		0.000	0.002	19.751	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-19		0.000	0.008	80.717	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-190		0.000	0.006	59.202	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-191		0.000	0.003	27.447	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-192		0.000	0.005	48.850	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-193		0.000	0.002	19.160	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-194		0.000	0.002	21.580	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-195		0.000	0.003	34.118	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-196		0.000	0.003	33.825	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-197		0.000	0.000	4.261	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-198		0.000	0.001	11.145	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-199		0.000	0.002	20.979	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-2		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H4-20		0.000	0.009	94.949	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-20_2		0.000	0.007	74.761	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-200		0.000	0.002	19.608	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-201		0.000	0.003	34.528	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-202		0.000	0.005	47.793	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-203		0.000	0.023	216.957	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-204		0.000	0.012	117.235	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-205		0.000	0.008	66.793	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-206		0.000	0.009	88.732	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-207		0.000	0.005	43.494	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-208		0.000	0.004	36.375	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-209		0.000	0.003	23.753	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-21		0.000	0.005	52.272	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-210		0.000	0.012	101.847	2011-08-27 09:00:00	2011-08-27 22:04:00
H4-210A		0.000	0.014	123.183	2011-08-27 09:00:00	2011-08-27 22:04:00
H4-211		0.000	0.010	103.539	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-212		0.000	0.012	123.781	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-213		0.000	0.004	38.822	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-214		0.000	0.004	37.464	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-22		0.000	0.005	46.634	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-23		0.000	0.004	37.720	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-24		0.000	0.004	36.232	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-25		0.000	0.004	38.429	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-26		0.000	0.003	34.375	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-27		0.000	0.061	510.542	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-28		0.000	0.006	58.114	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-29		0.000	0.005	49.231	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-3		0.000	0.002	18.658	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-30		0.000	0.026	251.773	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-31		0.000	0.003	28.358	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-32		0.000	0.004	35.306	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-33		0.000	0.108	1086.113	2011-08-27 09:00:00	2011-08-27 22:01:00
H4-34		0.000	0.003	30.860	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-35		0.000	0.004	36.923	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-36		0.000	0.009	92.329	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-37		0.000	0.008	82.026	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-38		0.000	0.027	267.511	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-39		0.000	0.010	98.907	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-4		0.000	0.004	42.763	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-40		0.000	0.009	85.750	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-41		0.000	0.004	41.070	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-42		0.000	0.003	32.081	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-43		0.000	0.026	251.773	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-44		0.000	0.025	235.168	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-45		0.000	0.003	33.973	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-46		0.000	0.004	39.591	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-47		0.000	0.008	84.691	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-48		0.000	0.009	89.801	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-49		0.000	0.027	267.509	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-5		0.000	0.005	47.523	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-50		0.000	0.027	267.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-51		0.000	0.009	90.167	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-52		0.000	0.009	94.324	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-53		0.000	0.003	34.964	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-54		0.000	0.004	38.570	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-55		0.000	0.003	31.540	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-56		0.000	0.004	41.742	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-57		0.000	0.022	203.744	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-58		0.000	0.011	84.475	2011-08-27 09:00:00	2011-08-27 22:01:00
H4-59		0.000	0.003	33.910	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-6		0.000	0.008	77.481	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-60		0.000	0.004	39.427	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-61		0.000	0.009	89.665	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-62		0.000	0.008	84.870	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-63		0.000	0.027	267.512	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-64		0.000	0.027	267.510	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-65		0.000	0.004	38.820	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-66		0.000	0.003	34.520	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-67		0.000	0.009	93.670	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-68		0.000	0.009	90.876	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-69		0.000	0.003	28.293	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-7		0.000	0.023	215.909	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-70		0.000	0.004	44.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-71		0.000	0.011	84.475	2011-08-27 09:00:00	2011-08-27 22:01:00
H4-72		0.000	0.025	250.760	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-73		0.000	0.003	32.086	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-74		0.000	0.004	40.602	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-75		0.000	0.008	77.459	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-76		0.000	0.027	267.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-77		0.000	0.022	208.318	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-78		0.000	0.010	102.081	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-79		0.000	0.004	38.467	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-8		0.000	0.002	18.530	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-80		0.000	0.003	34.388	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-81		0.000	0.008	81.542	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-82		0.000	0.010	103.400	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-83		0.000	0.004	39.497	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-84		0.000	0.004	41.854	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-85		0.000	0.023	216.631	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-86		0.000	0.027	267.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-87		0.000	0.003	30.492	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-88		0.000	0.004	43.534	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-89		0.000	0.009	92.288	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-9		0.000	0.002	24.809	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-90		0.000	0.009	91.810	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-91		0.000	0.018	155.145	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-92		0.000	0.027	267.511	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-93		0.000	0.003	34.776	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-94		0.000	0.004	38.948	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-95		0.000	0.009	91.996	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-96		0.000	0.005	47.027	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-96_2		0.000	0.005	46.124	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-97		0.000	0.027	267.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-98		0.000	0.022	208.320	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-99		0.000	0.002	16.739	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-1		0.000	0.029	222.285	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-10		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-100		0.000	0.007	71.420	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-101		0.000	0.004	35.492	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-102		0.000	0.004	40.118	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-103		0.000	0.026	266.618	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-104		0.000	0.026	263.418	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-105		0.000	0.005	49.384	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-105_2		0.000	0.005	48.101	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-106		0.000	0.009	89.065	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-107		0.000	0.003	34.476	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-108		0.000	0.004	38.824	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-109		0.000	0.004	41.238	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-11		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-110		0.000	0.003	32.583	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-111		0.000	0.013	126.581	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-112		0.000	0.015	146.955	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-113		0.000	0.020	196.657	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-114		0.000	0.026	264.435	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-115		0.000	0.004	43.905	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-116		0.000	0.003	32.943	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-117		0.000	0.009	93.462	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-118		0.000	0.016	159.580	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-118A		0.000	0.001	14.236	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-118B		0.000	0.002	20.410	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-119		0.000	0.014	123.833	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-12		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-120		0.000	0.004	39.994	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-121		0.000	0.003	34.476	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-122		0.000	0.022	220.695	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-123		0.000	0.003	31.600	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-124		0.000	0.003	34.352	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-125		0.000	0.003	31.328	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-126		0.000	0.019	195.920	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-127		0.000	0.008	81.130	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-128		0.000	0.009	88.895	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-129		0.000	0.006	64.014	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-13		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-130		0.000	0.017	155.193	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-131		0.000	0.019	178.109	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-132		0.000	0.008	79.124	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-133		0.000	0.009	90.593	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-134		0.000	0.020	191.659	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-135		0.000	0.007	69.552	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-136		0.000	0.007	69.447	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-137		0.000	0.008	81.043	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-138		0.000	0.009	88.389	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-139		0.000	0.010	96.859	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-14		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-140		0.000	0.009	87.720	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-141		0.000	0.004	40.996	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-142		0.000	0.003	34.624	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-143		0.000	0.020	191.718	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-144		0.000	0.024	241.764	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-145		0.000	0.018	174.695	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-146		0.000	0.023	216.411	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-147		0.000	0.001	14.122	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-148		0.000	0.002	15.667	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-149		0.000	0.004	36.087	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-15		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-150		0.000	0.023	215.497	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-151		0.000	0.020	200.632	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-152		0.000	0.010	98.737	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-153		0.000	0.009	89.842	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-154		0.000	0.023	215.331	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-155		0.000	0.017	162.308	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-156		0.000	0.001	15.072	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-157		0.000	0.002	21.187	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-158		0.000	0.009	94.778	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-159		0.000	0.009	90.787	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-16		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-160		0.000	0.002	18.698	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-161		0.000	0.006	59.144	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-162		0.000	0.006	58.913	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-163		0.000	0.002	17.983	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-164		0.000	0.009	86.901	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-165		0.000	0.013	131.879	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-166		0.000	0.024	235.186	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-167		0.000	0.014	135.445	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-168		0.000	0.015	147.682	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-169		0.000	0.012	124.011	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-17		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-170		0.000	0.019	185.324	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-171		0.000	0.026	256.235	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-172		0.000	0.016	163.016	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-173		0.000	0.003	30.039	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-174		0.000	0.003	29.911	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-175		0.000	0.014	136.408	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-177		0.000	0.019	187.484	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-178		0.000	0.026	250.420	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-179		0.000	0.004	41.283	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-18		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-180		0.000	0.004	42.866	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-181		0.000	0.003	25.288	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-182		0.000	0.003	34.952	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-183		0.000	0.014	136.651	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-185		0.000	0.020	200.637	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-186		0.000	0.029	294.540	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-187		0.000	0.004	36.845	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-188		0.000	0.005	47.155	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-19		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-190		0.000	0.014	139.765	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-191		0.000	0.006	57.366	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-192		0.000	0.006	59.526	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-193		0.000	0.005	49.815	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-194		0.000	0.005	54.247	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-195		0.000	0.018	173.417	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-196		0.000	0.008	80.623	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-197		0.000	0.008	81.612	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-198		0.000	0.029	294.015	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-199		0.000	0.002	21.523	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-2		0.000	0.042	405.264	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-20		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-200		0.000	0.029	294.260	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-201		0.000	0.002	25.039	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-202		0.000	0.013	118.489	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-203		0.000	0.023	236.670	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-204		0.000	0.011	110.662	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-205		0.000	0.012	119.465	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-206		0.000	0.004	40.635	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-207		0.000	0.004	45.195	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-208		0.000	0.001	12.258	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-209		0.000	0.001	9.132	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-21		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-210		0.000	0.026	260.902	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-211		0.000	0.012	82.987	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-212		0.000	0.010	103.389	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-213		0.000	0.006	58.673	2011-08-27 09:00:00	2011-08-27 22:05:00
H5-214		0.000	0.012	116.011	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-215		0.000	0.007	67.630	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-216		0.000	0.008	70.364	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-217		0.000	0.004	42.326	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-218		0.000	0.005	45.362	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-219		0.000	0.004	38.360	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-22		0.000	0.003	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-220		0.000	0.007	72.032	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-221		0.000	0.003	24.558	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-222		0.000	0.003	30.535	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-223		0.000	0.002	17.680	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-224		0.000	0.020	176.592	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-225		0.000	0.024	229.153	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-226		0.000	0.024	219.129	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-227		0.000	0.009	74.493	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-228		0.000	0.004	38.334	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-229		0.000	0.003	34.681	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-23		0.000	0.005	46.677	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-230		0.000	0.010	99.408	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-231		0.000	0.028	287.573	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-232		0.000	0.004	38.930	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-233		0.000	0.004	39.889	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-234		0.000	0.026	243.455	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-235		0.000	0.028	287.572	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-236		0.000	0.008	79.358	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-237		0.000	0.013	127.193	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-238		0.000	0.012	117.755	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-239		0.000	0.011	113.317	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-24		0.000	0.003	29.488	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-240		0.000	0.012	117.574	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-241		0.000	0.011	115.254	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-242		0.000	0.003	34.353	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-243		0.000	0.004	38.704	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-244		0.000	0.009	71.504	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-245		0.000	0.016	131.731	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-246		0.000	0.013	102.279	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-247		0.000	0.019	158.040	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-248		0.000	0.027	248.733	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-248A		0.000	0.010	90.001	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-249A		0.000	0.025	220.046	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-249B		0.000	0.041	359.946	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-25		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-250		0.000	0.043	359.825	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-251A		0.000	0.034	292.283	2011-08-27 09:00:00	2011-08-27 22:01:00

H5-251B		0.000	0.009	74.702	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-252		0.000	0.022	196.371	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-253		0.000	0.021	190.345	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-254		0.000	0.059	556.272	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-255		0.000	0.023	216.728	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-256		0.000	0.006	45.249	2011-08-27 09:00:00	2011-08-27 22:02:00
H5-257		0.000	0.005	38.103	2011-08-27 09:00:00	2011-08-27 22:02:00
H5-258		0.000	0.006	46.170	2011-08-27 09:00:00	2011-08-27 22:02:00
H5-26		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-27		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-28		0.000	0.009	94.765	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-29		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-3		0.000	0.034	336.262	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-30		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-31		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-32		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-33		0.000	0.027	266.502	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-34		0.000	0.026	251.772	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-35		0.000	0.005	47.338	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-35_2		0.000	0.005	46.277	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-36		0.000	0.004	43.209	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-36_2		0.000	0.004	40.064	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-37		0.000	0.028	268.515	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-38		0.000	0.026	251.775	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-39		0.000	0.004	44.757	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-39_2		0.000	0.004	43.258	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-4		0.000	0.012	123.622	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-40		0.000	0.009	88.578	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-41		0.000	0.026	251.771	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-42		0.000	0.008	82.593	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-43		0.000	0.009	94.715	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-44		0.000	0.122	1140.016	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-45		0.000	0.004	39.774	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-46		0.000	0.003	32.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-47		0.000	0.007	75.388	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-48		0.000	0.005	51.400	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-48_2		0.000	0.005	49.376	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-49		0.000	0.026	251.774	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-5		0.000	0.010	97.876	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-50		0.000	0.026	251.774	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-51		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-52		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-53		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-54		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-55		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-56		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00

H5-57		0.000	0.003	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-58		0.000	0.004	44.259	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-59		0.000	0.003	31.974	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-6		0.000	0.007	74.007	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-60		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-61		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-62		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-63		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-64		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-65		0.000	0.004	39.599	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-66		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-67		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-68		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-69		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-7		0.000	0.007	65.919	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-70		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-71		0.000	0.004	44.728	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-72		0.000	0.006	57.502	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-73		0.000	0.018	174.931	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-74		0.000	0.022	181.779	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-75		0.000	0.028	221.844	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-76		0.000	0.001	5.150	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-77		0.000	0.002	15.448	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-78		0.000	0.007	60.910	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-79		0.000	0.009	90.599	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-8		0.000	0.034	332.744	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-80		0.000	0.027	267.510	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-81		0.000	0.003	33.427	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-82		0.000	0.004	40.107	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-83		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-84		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-85		0.000	0.026	266.613	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-86		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-87		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-88		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-89		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-9		0.000	0.021	202.275	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-90		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-91		0.000	0.019	188.830	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-92		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-93		0.000	0.004	40.287	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-94		0.000	0.003	33.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-95		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-96		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-97		0.000	0.019	188.830	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-98		0.000	0.014	123.833	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-99		0.000	0.006	64.023	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-1		0.000	0.002	20.984	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-10		0.000	0.016	185.718	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-11		0.000	0.002	26.687	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-12		0.000	0.002	23.502	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-13		0.000	0.003	38.871	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-14		0.000	0.004	42.853	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-15		0.000	0.008	95.062	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-16		0.000	0.009	102.749	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-17		0.000	0.021	241.586	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-18		0.000	0.022	246.897	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-19		0.000	0.003	33.677	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-2		0.000	0.002	22.586	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-20		0.000	0.004	45.782	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-21		0.000	0.011	130.677	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-22		0.000	0.012	135.114	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-23		0.000	0.017	188.076	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-24		0.000	0.008	89.045	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-25		0.000	0.008	92.302	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-26		0.000	0.010	119.886	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-27		0.000	0.011	130.521	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-28		0.000	0.014	164.607	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-29		0.000	0.015	167.846	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-3		0.000	0.009	103.630	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-30		0.000	0.020	223.561	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-31		0.000	0.015	166.527	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-32		0.000	0.007	84.425	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-33		0.000	0.007	78.080	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-34		0.000	0.015	166.519	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-35		0.000	0.006	63.021	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-36		0.000	0.006	67.324	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-37		0.000	0.010	109.073	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-38		0.000	0.010	112.836	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-39		0.000	0.031	308.709	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-4		0.000	0.022	242.386	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-40		0.000	0.028	309.647	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-41		0.000	0.022	195.817	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-42		0.000	0.031	336.089	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-43		0.000	0.007	77.649	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-44		0.000	0.007	82.799	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-45		0.000	0.009	108.642	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-47		0.000	0.010	113.948	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-48		0.000	0.006	72.451	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-49		0.000	0.008	89.858	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-5		0.000	0.014	154.751	2011-08-27 09:00:00	2011-08-27 22:00:00

H6-50		0.000	0.016	151.236	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-51		0.000	0.018	186.500	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-52		0.000	0.018	185.576	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-53		0.000	0.004	45.817	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-54		0.000	0.005	53.717	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-55		0.000	0.012	134.042	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-56		0.000	0.010	116.229	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-57		0.000	0.026	273.693	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-58		0.000	0.029	304.102	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-59		0.000	0.004	43.709	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-6		0.000	0.010	109.074	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-60		0.000	0.005	55.495	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-61		0.000	0.011	129.422	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-62		0.000	0.011	121.447	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-63		0.000	0.002	24.382	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-64		0.000	0.002	17.994	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-65		0.000	0.022	256.558	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-66		0.000	0.032	334.512	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-67		0.000	0.016	187.688	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-68		0.000	0.015	153.629	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-69		0.000	0.007	77.508	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-7		0.000	0.007	78.136	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-70		0.000	0.007	85.271	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-71		0.000	0.007	76.548	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-72		0.000	0.007	81.648	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-8		0.000	0.005	51.793	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-9		0.000	0.017	199.486	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-1		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-10		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-103		0.000	0.002	12.537	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-104		0.000	0.001	11.502	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-105		0.000	0.002	12.228	2011-08-27 09:00:00	2011-08-27 22:01:00
H7-106		0.000	0.036	298.952	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-107		0.000	0.010	118.542	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-107A		0.000	0.004	46.130	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-108		0.000	0.009	103.916	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-108A		0.000	0.004	50.791	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-109		0.000	0.003	33.685	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-11		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-110		0.000	0.003	36.312	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-111		0.000	0.004	42.729	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-112		0.000	0.004	45.724	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-113		0.000	0.029	319.834	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-114		0.000	0.015	171.899	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-115		0.000	0.015	171.943	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-116		0.000	0.004	45.981	2011-08-27 09:00:00	2011-08-27 22:00:00

H7-117		0.000	0.005	56.830	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-118		0.000	0.031	342.010	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-119		0.000	0.026	281.535	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-12		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-120		0.000	0.008	91.562	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-120_2		0.000	0.008	90.915	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-121		0.000	0.016	182.164	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-122		0.000	0.026	281.724	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-123		0.000	0.011	121.298	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-124		0.000	0.010	114.932	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-125		0.000	0.026	277.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-126		0.000	0.002	26.674	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-127		0.000	0.002	25.841	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-128		0.000	0.010	116.453	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-129		0.000	0.011	131.636	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-13		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-130		0.000	0.008	78.747	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-131		0.000	0.011	120.902	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-132		0.000	0.012	140.027	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-133		0.000	0.025	272.305	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-134		0.000	0.025	227.218	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-135		0.000	0.009	107.411	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-136		0.000	0.011	125.529	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-137		0.000	0.003	37.921	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-138		0.000	0.004	49.753	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-139		0.000	0.006	70.147	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-14		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-140		0.000	0.007	83.868	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-141		0.000	0.025	277.547	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-142		0.000	0.015	173.069	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-143		0.000	0.014	161.133	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-144		0.000	0.025	269.489	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-145		0.000	0.006	65.289	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-146		0.000	0.006	69.058	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-147		0.000	0.007	79.203	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-148		0.000	0.016	187.691	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-149		0.000	0.008	86.043	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-15		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-150		0.000	0.012	139.753	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-151		0.000	0.031	355.816	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-154		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-155		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-156		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-157		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-16		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-17		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00

H7-66		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-67		0.000	0.112	1131.137	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-68		0.000	0.072	749.021	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-69		0.000	0.029	320.245	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-7		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-70		0.000	0.009	98.427	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-71		0.000	0.011	122.584	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-73		0.000	0.019	159.341	2011-08-27 09:00:00	2011-08-27 22:01:00
H7-74		0.000	0.015	132.136	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-74A		0.000	0.046	505.024	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-74B		0.000	0.019	215.218	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-74C		0.000	0.026	304.558	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-76		0.000	0.001	11.072	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-77		0.000	0.002	13.321	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-78		0.000	0.029	320.247	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-79		0.000	0.029	320.109	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-8		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-80		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-81		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-82		0.000	0.009	97.859	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-83		0.000	0.011	123.193	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-84		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-85		0.000	0.031	341.731	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-86		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-87		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-88		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-89		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-9		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-90		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-91		0.000	0.025	277.546	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-92		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-93		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-94		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-95		0.000	0.029	326.225	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-96		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-97		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-98		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-99		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
HHA		0.000	0.577	7120.596	2011-08-27 09:00:00	2011-08-27 22:01:00
HSI-1		0.000	0.007	76.171	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-10		0.000	0.029	331.846	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-11		0.000	0.034	345.081	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-12		0.000	0.014	155.434	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-13		0.000	0.025	281.438	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-14A		0.000	0.024	225.635	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-15		0.000	0.025	218.983	2011-08-27 09:00:00	2011-08-27 22:00:00

HSI-16		0.000	0.036	348.115	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-2		0.000	0.006	68.251	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-3		0.000	0.006	64.551	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-4		0.000	0.006	67.212	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-5		0.000	0.012	137.054	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-6		0.000	0.011	125.868	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-7		0.000	0.004	49.851	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-8		0.000	0.003	33.947	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-9		0.000	0.022	223.264	2011-08-27 09:00:00	2011-08-27 22:00:00
JC-1		0.000	3.730	56442.369	2011-08-27 09:00:00	2011-08-27 23:13:00
Total :				300071.904		

Boundary Connections

Rainfall And Meteo Boundaries

Boundary Condition ID	Type	Connection Type	Location	Temporal variation	
BC_10	Rainfall	All catchments		Time Series	Q:\50074974\Tech\Modeling\Hoboken_Coastal_Modelling\Irene_Setup\Integration\01_Ext

MIKE URBAN Hydrology Results

Proposed DSD Alternatives: 25-Year Rainfall Event

MOUSE Runoff Computation Engine x64 v2014 Release Version (14.0.0.9034)

MOUSE Runoff Model UHM Status Report

File Overview

Working dir : C:\Projects\50074974\MIKEURBAN\ProposedAlternatives\
Hydrological data file : RO_Prop_25yrProposedAlt.mex
Sewer network data : RO_Prop_25yrProposedAlt.mex
Result File : RO_Prop_25yrProposedAlt.CRF

Time Overview

Simulation start date : 2011-08-27 09:00:00
Simulation end date : 2011-08-28 09:00:00
Simulation time step [s] : 60

Simulation Result Summary

Catchment Result Summary**Catchment runoff hydrograph summary**

CatchmentID	Rain Event	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum
		[m ³ /s]	[m ³ /s]	[m ³]		
14VO-1		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-10		0.000	0.010	122.794	2011-08-27 09:00:00	2011-08-27 22:00:00
14VO-11		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-12		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-13		0.000	0.221	2137.757	2011-08-27 09:00:00	2011-08-27 22:01:00
14VO-14		0.000	0.037	442.279	2011-08-27 09:00:00	2011-08-27 22:00:00
14-VO15		0.000	0.066	647.398	2011-08-27 09:00:00	2011-08-27 22:01:00
14VO-2		0.000	0.012	143.399	2011-08-27 09:00:00	2011-08-27 22:00:00
14VO-3		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-4		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-5		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-6		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-7		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-8		0.000	0.011	128.326	2011-08-27 09:00:00	2011-08-27 22:00:00
14VO-9		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
BASF		0.000	1.759	32062.683	2011-08-27 09:00:00	2011-08-27 23:20:00
Block 12_A4		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
Block 12_A5		0.000	0.002	18.090	2011-08-27 09:00:00	2011-08-27 22:00:00
Block_12_NN		0.000	0.007	77.644	2011-08-27 09:00:00	2011-08-27 22:00:00
BLOCK10		0.000	0.364	4560.900	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1		0.000	0.066	781.219	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_10		0.000	0.095	1131.215	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1558_1		0.000	0.008	95.287	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1558_2		0.000	0.008	95.721	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1559_1		0.000	0.011	132.700	2011-08-27 09:00:00	2011-08-27 22:00:00

Catchment_1559_2		0.000	0.011	126.354	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1560_1		0.000	0.011	130.226	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1560_2		0.000	0.011	129.923	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1561_1		0.000	0.011	128.904	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1561_2		0.000	0.011	135.778	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_2		0.000	0.063	743.917	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_31		0.000	0.254	2468.105	2011-08-27 09:00:00	2011-08-27 22:01:00
Catchment_32		0.000	0.090	1063.765	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_33		0.000	0.651	6545.223	2011-08-27 09:00:00	2011-08-27 22:01:00
Catchment_5		0.000	0.041	489.755	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_6		0.000	0.046	551.871	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_7		0.000	0.057	677.296	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_8		0.000	0.033	394.193	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_9		0.000	0.151	1795.371	2011-08-27 09:00:00	2011-08-27 22:00:00
City Hall - Untreated		0.000	0.009	108.702	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-1		0.000	0.013	153.201	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-10		0.000	0.014	170.728	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-100		0.000	0.006	69.086	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-102		0.000	0.033	383.112	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-103		0.000	0.122	1442.276	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-104		0.000	0.010	115.633	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-105		0.000	0.011	132.612	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-105a		0.000	0.030	358.255	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-106		0.000	0.034	365.014	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-107		0.000	0.010	117.585	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-108		0.000	0.013	155.663	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-109		0.000	0.009	105.014	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-11		0.000	0.003	30.416	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-11_2		0.000	0.003	30.646	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-110		0.000	0.012	137.120	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-111		0.000	0.024	277.652	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-112		0.000	0.020	227.199	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-113		0.000	0.008	95.418	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-114		0.000	0.005	54.821	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-115		0.000	0.004	52.563	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-116		0.000	0.004	48.787	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-117		0.000	0.003	37.763	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-119		0.000	0.006	70.560	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-12		0.000	0.006	68.484	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-120		0.000	0.009	111.636	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-121		0.000	0.050	537.009	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-122		0.000	0.055	599.494	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-123		0.000	0.019	223.733	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-124		0.000	0.021	249.582	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-125		0.000	0.009	103.436	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-126		0.000	0.007	80.601	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-127		0.000	0.012	144.038	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-128		0.000	0.006	71.896	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-129		0.000	0.007	78.766	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-13		0.000	0.025	258.664	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-130		0.000	0.010	121.258	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-131		0.000	0.003	37.250	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-132		0.000	0.006	71.785	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-133		0.000	0.015	179.381	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-134		0.000	0.054	624.302	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-135		0.000	0.008	93.614	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-136		0.000	0.005	64.831	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-137		0.000	0.002	26.436	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-138		0.000	0.007	79.846	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-139		0.000	0.004	46.867	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-14		0.000	0.026	273.098	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-140		0.000	0.009	100.446	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-141		0.000	0.055	599.543	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-142		0.000	0.019	229.538	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-143		0.000	0.021	245.644	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-144		0.000	0.055	599.532	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-145		0.000	0.005	63.448	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-146		0.000	0.006	65.344	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-147		0.000	0.013	152.350	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-148		0.000	0.015	173.448	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-149		0.000	0.037	397.244	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-15		0.000	0.010	112.259	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-150		0.000	0.037	397.249	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-151		0.000	0.037	397.246	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-152		0.000	0.014	161.185	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-153		0.000	0.014	164.539	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-154		0.000	0.006	67.421	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-155		0.000	0.005	62.213	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-156		0.000	0.006	67.433	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-157		0.000	0.005	62.170	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-159		0.000	0.014	166.846	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-16		0.000	0.010	122.408	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-160		0.000	0.013	158.498	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-161		0.000	0.038	428.824	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-162		0.000	0.037	397.247	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-163		0.000	0.006	65.353	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-164		0.000	0.005	63.480	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-165		0.000	0.013	157.013	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-167		0.000	0.014	168.276	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-168		0.000	0.037	397.252	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-169		0.000	0.006	64.989	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-17		0.000	0.005	63.482	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-170		0.000	0.005	63.704	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-171		0.000	0.014	162.256	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-172		0.000	0.014	163.713	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-173		0.000	0.032	326.588	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-174		0.000	0.006	69.329	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-175		0.000	0.005	60.275	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-176		0.000	0.009	111.338	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-177		0.000	0.010	123.302	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-178		0.000	0.028	333.233	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-179		0.000	0.006	66.621	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-18		0.000	0.006	65.458	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-180		0.000	0.005	62.256	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-181		0.000	0.006	66.126	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-181_2		0.000	0.007	86.156	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-182		0.000	0.015	173.118	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-183		0.000	0.037	397.245	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-184		0.000	0.006	67.007	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-185		0.000	0.005	62.478	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-186		0.000	0.013	158.612	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-187		0.000	0.014	166.965	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-188		0.000	0.040	472.082	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-189		0.000	0.037	407.681	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-19		0.000	0.035	366.447	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-190		0.000	0.035	366.454	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-191		0.000	0.040	472.085	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-192		0.000	0.013	158.064	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-193		0.000	0.014	168.008	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-194		0.000	0.003	32.249	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-194_2		0.000	0.003	32.230	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-195		0.000	0.006	65.343	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-196		0.000	0.040	472.084	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-197		0.000	0.040	472.083	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-198		0.000	0.037	407.682	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-199		0.000	0.013	153.860	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-2		0.000	0.007	86.409	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-2_2		0.000	0.007	85.770	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-20		0.000	0.037	397.249	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-200		0.000	0.014	171.214	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-201		0.000	0.005	63.227	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-202		0.000	0.006	65.756	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-203		0.000	0.026	280.411	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-204		0.000	0.026	287.776	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-205		0.000	0.028	333.234	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-206		0.000	0.009	106.122	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-207		0.000	0.011	128.668	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-208		0.000	0.005	61.254	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-209		0.000	0.006	67.565	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-21		0.000	0.014	165.074	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-210		0.000	0.037	407.688	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-211		0.000	0.037	397.244	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-212		0.000	0.039	450.277	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-213		0.000	0.013	154.438	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-214		0.000	0.015	171.347	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-215		0.000	0.006	65.048	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-216		0.000	0.005	63.892	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-217		0.000	0.036	386.901	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-218		0.000	0.036	386.902	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-219		0.000	0.039	450.278	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-22		0.000	0.014	160.751	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-220		0.000	0.013	153.254	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-221		0.000	0.007	88.084	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-221_2		0.000	0.007	83.541	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-222		0.000	0.005	63.292	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-223		0.000	0.006	65.991	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-224		0.000	0.039	450.276	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-225		0.000	0.035	366.451	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-226		0.000	0.039	450.277	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-227		0.000	0.013	150.023	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-228		0.000	0.008	94.450	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-228_2		0.000	0.007	82.897	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-229		0.000	0.006	72.535	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-23		0.000	0.028	333.232	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-230		0.000	0.005	56.469	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-231		0.000	0.053	569.127	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-232		0.000	0.053	589.278	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-233		0.000	0.017	205.416	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-234		0.000	0.022	260.245	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-235		0.000	0.010	122.318	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-236		0.000	0.048	570.144	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-237		0.000	0.042	498.802	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-238		0.000	0.074	798.208	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-239		0.000	0.087	1007.102	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-24		0.000	0.038	322.878	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-240		0.000	0.007	81.412	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-241		0.000	0.008	95.354	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-242		0.000	0.015	180.512	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-243		0.000	0.017	201.534	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-244		0.000	0.049	543.505	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-245		0.000	0.044	515.213	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-246		0.000	0.004	48.252	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-247		0.000	0.007	81.450	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-248		0.000	0.013	155.047	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-249		0.000	0.015	173.243	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-25		0.000	0.010	118.318	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-250		0.000	0.037	407.680	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-251		0.000	0.031	307.171	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-252		0.000	0.006	67.316	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-253		0.000	0.005	63.516	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-254		0.000	0.006	67.696	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-255		0.000	0.005	61.727	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-256		0.000	0.013	151.576	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-257		0.000	0.015	173.010	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-258		0.000	0.034	346.336	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-259		0.000	0.040	470.855	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-26		0.000	0.010	122.284	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-260		0.000	0.005	63.118	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-261		0.000	0.006	65.902	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-262		0.000	0.012	147.164	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-263		0.000	0.015	178.547	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-264		0.000	0.037	397.244	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-265		0.000	0.037	407.675	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-266		0.000	0.006	65.815	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-267		0.000	0.005	62.979	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-268		0.000	0.009	101.780	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-269		0.000	0.011	132.694	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-27		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-270		0.000	0.028	333.235	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-271		0.000	0.028	332.916	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-272		0.000	0.005	63.486	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-273		0.000	0.006	65.691	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-274		0.000	0.013	148.501	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-275		0.000	0.015	176.503	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-276		0.000	0.037	407.679	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-277		0.000	0.039	450.273	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-278		0.000	0.005	61.099	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-279		0.000	0.006	67.744	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-28		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-280		0.000	0.013	153.096	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-281		0.000	0.015	173.483	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-282		0.000	0.036	386.898	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-283		0.000	0.040	472.090	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-284		0.000	0.040	472.077	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-285		0.000	0.040	472.083	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-286		0.000	0.013	156.663	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-287		0.000	0.007	85.616	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-287_2		0.000	0.007	84.768	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-288		0.000	0.006	71.235	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-289		0.000	0.005	57.695	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-29		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-290		0.000	0.003	37.143	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-291		0.000	0.005	54.232	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-292		0.000	0.037	397.246	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-293		0.000	0.037	391.658	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-294		0.000	0.013	151.913	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-295		0.000	0.008	90.794	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-295_2		0.000	0.007	83.270	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-296		0.000	0.006	69.448	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-297		0.000	0.005	60.620	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-298		0.000	0.028	333.562	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-299		0.000	0.028	322.890	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-3		0.000	0.040	473.668	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-30		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-300		0.000	0.009	107.652	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-301		0.000	0.011	125.790	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-302		0.000	0.005	62.722	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-303		0.000	0.006	66.866	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-304		0.000	0.036	386.895	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-305		0.000	0.037	397.248	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-306		0.000	0.013	147.652	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-307		0.000	0.015	179.571	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-308		0.000	0.006	66.358	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-309		0.000	0.005	62.649	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-30A		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-31		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-310		0.000	0.040	473.310	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-311		0.000	0.040	472.086	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-312		0.000	0.012	146.145	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-313		0.000	0.015	178.954	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-314		0.000	0.005	62.774	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-315		0.000	0.006	66.208	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-316		0.000	0.037	407.678	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-317		0.000	0.040	472.083	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-318		0.000	0.013	148.211	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-319		0.000	0.015	177.642	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-32		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-320		0.000	0.006	74.936	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-321		0.000	0.005	54.069	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-322		0.000	0.040	464.804	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-323		0.000	0.033	381.669	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-324		0.000	0.012	143.528	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-325		0.000	0.013	153.582	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-326		0.000	0.008	91.798	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-327		0.000	0.009	105.079	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-328		0.000	0.009	108.493	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-329		0.000	0.008	93.827	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-33		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-330		0.000	0.010	115.250	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-331		0.000	0.008	94.431	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-332		0.000	0.026	278.755	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-333		0.000	0.021	248.124	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-334		0.000	0.005	59.459	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-335		0.000	0.006	70.473	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-336		0.000	0.013	153.402	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-337		0.000	0.015	172.171	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-338		0.000	0.040	472.089	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-339		0.000	0.038	428.811	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-34		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-340		0.000	0.005	61.701	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-341		0.000	0.006	67.577	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-342		0.000	0.013	151.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-343		0.000	0.015	175.289	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-344		0.000	0.040	472.085	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-345		0.000	0.040	432.693	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-346		0.000	0.005	62.650	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-347		0.000	0.006	67.194	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-348		0.000	0.016	186.005	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-349		0.000	0.012	141.523	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-35		0.000	0.039	450.274	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-350		0.000	0.039	450.273	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-351		0.000	0.045	523.933	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-352		0.000	0.008	92.961	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-353		0.000	0.008	90.755	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-354		0.000	0.005	62.471	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-355		0.000	0.006	67.296	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-356		0.000	0.012	124.574	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-357		0.000	0.015	163.845	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-358		0.000	0.003	31.054	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-359		0.000	0.003	32.460	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-36		0.000	0.014	165.934	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-360		0.000	0.006	66.538	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-361		0.000	0.005	62.594	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-362		0.000	0.006	69.713	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-363		0.000	0.005	59.583	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-364		0.000	0.036	386.897	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-365		0.000	0.040	472.077	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-366		0.000	0.013	149.968	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-367		0.000	0.015	176.162	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-368		0.000	0.006	73.077	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-369		0.000	0.005	55.832	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-37		0.000	0.014	162.992	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-370		0.000	0.017	197.731	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-371		0.000	0.014	166.618	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-372		0.000	0.005	62.315	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-373		0.000	0.006	65.670	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-374		0.000	0.008	92.241	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-375		0.000	0.008	95.479	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-376		0.000	0.041	472.080	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-377		0.000	0.013	155.801	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-38		0.000	0.005	63.066	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-388		0.000	0.014	169.583	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-389		0.000	0.005	57.237	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-389_2		0.000	0.005	55.607	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-39		0.000	0.006	66.921	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-390		0.000	0.013	157.033	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-391		0.000	0.012	147.215	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-392		0.000	0.016	185.005	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-393		0.000	0.041	472.090	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-394		0.000	0.041	472.081	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-395		0.000	0.006	65.480	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-396		0.000	0.005	63.926	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-397		0.000	0.005	62.486	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-398		0.000	0.005	62.885	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-399		0.000	0.014	166.617	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-4		0.000	0.040	472.082	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-40		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-400		0.000	0.014	166.618	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-401		0.000	0.005	55.338	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-402		0.000	0.006	74.414	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-403		0.000	0.013	157.659	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-404		0.000	0.014	168.482	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-405		0.000	0.040	472.082	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-406		0.000	0.038	428.796	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-407		0.000	0.005	60.912	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-408		0.000	0.006	68.804	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-409		0.000	0.007	78.916	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-41		0.000	0.039	420.590	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-410		0.000	0.007	87.657	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-411		0.000	0.018	186.362	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-412		0.000	0.020	230.865	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-413		0.000	0.003	34.194	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-414		0.000	0.003	30.933	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-415		0.000	0.016	169.632	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-416		0.000	0.006	69.966	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-417		0.000	0.008	90.551	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-418		0.000	0.019	210.018	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-419		0.000	0.006	71.767	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-42		0.000	0.014	168.035	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-420		0.000	0.005	56.314	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-421		0.000	0.014	166.618	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-422		0.000	0.014	166.617	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-423		0.000	0.005	53.557	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-424		0.000	0.006	72.650	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-425		0.000	0.006	66.445	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-426		0.000	0.005	61.410	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-427		0.000	0.037	386.894	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-428		0.000	0.037	407.682	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-429		0.000	0.008	97.863	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-429_2		0.000	0.005	56.991	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-43		0.000	0.014	165.526	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-430		0.000	0.015	177.103	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-431		0.000	0.010	117.481	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-432		0.000	0.014	164.901	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-433		0.000	0.013	156.034	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-434		0.000	0.010	116.456	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-435		0.000	0.005	53.944	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-436		0.000	0.006	76.305	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-437		0.000	0.013	154.110	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-438		0.000	0.015	172.797	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-439		0.000	0.005	62.239	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-44		0.000	0.039	421.070	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-440		0.000	0.006	68.348	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-441		0.000	0.005	60.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-442		0.000	0.005	64.102	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-443		0.000	0.013	152.310	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-444		0.000	0.015	173.231	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-445		0.000	0.005	56.995	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-446		0.000	0.004	49.457	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-447		0.000	0.036	386.900	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-448		0.000	0.030	354.055	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-449		0.000	0.003	30.791	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-45		0.000	0.030	288.108	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-450		0.000	0.003	33.322	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-451		0.000	0.013	154.305	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-452		0.000	0.014	170.794	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-453		0.000	0.005	55.805	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-454		0.000	0.004	50.426	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-455		0.000	0.038	428.799	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-456		0.000	0.055	595.867	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-457		0.000	0.003	29.891	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-458		0.000	0.003	34.384	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-459		0.000	0.004	49.126	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-46		0.000	0.014	162.642	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-460		0.000	0.005	56.853	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-461		0.000	0.010	114.660	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-462		0.000	0.010	121.968	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-463		0.000	0.019	228.755	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-464		0.000	0.026	285.090	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-465		0.000	0.003	35.759	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-466		0.000	0.002	28.712	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-467		0.000	0.005	56.560	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-468		0.000	0.004	49.204	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-469		0.000	0.013	157.667	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-47		0.000	0.014	167.174	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-470		0.000	0.014	166.973	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-471		0.000	0.037	407.679	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-472		0.000	0.029	321.608	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-473		0.000	0.029	321.614	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-474		0.000	0.003	33.225	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-475		0.000	0.003	31.090	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-476		0.000	0.005	54.563	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-477		0.000	0.004	51.393	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-478		0.000	0.013	151.100	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-479		0.000	0.015	174.909	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-48		0.000	0.005	62.528	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-480		0.000	0.034	346.346	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-481		0.000	0.029	321.591	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-482		0.000	0.003	34.853	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-483		0.000	0.002	28.818	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-484		0.000	0.013	152.570	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-485		0.000	0.015	171.936	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-486		0.000	0.032	326.582	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-487		0.000	0.030	340.549	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-488		0.000	0.025	257.574	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-489		0.000	0.003	33.284	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-49		0.000	0.006	67.798	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-490		0.000	0.003	31.279	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-491		0.000	0.005	57.919	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-492		0.000	0.005	58.685	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-493		0.000	0.004	51.359	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-494		0.000	0.005	54.573	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-495		0.000	0.024	247.411	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-496		0.000	0.016	187.701	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-497		0.000	0.005	59.611	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-498		0.000	0.004	47.065	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-499		0.000	0.017	192.931	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-5		0.000	0.003	30.899	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-50		0.000	0.015	172.238	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-500		0.000	0.012	142.144	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-501		0.000	0.013	157.197	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-502		0.000	0.012	142.218	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-503		0.000	0.003	39.272	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-504		0.000	0.006	67.897	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-505		0.000	0.006	57.089	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-506		0.000	0.005	64.435	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-507		0.000	0.012	146.309	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-508		0.000	0.013	136.334	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-509		0.000	0.003	37.188	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-51		0.000	0.015	172.890	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-510		0.000	0.014	155.830	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-511		0.000	0.014	156.983	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-512		0.000	0.001	17.680	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-513		0.000	0.005	54.900	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-514		0.000	0.012	141.032	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-515		0.000	0.030	354.061	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-516		0.000	0.008	97.229	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-517		0.000	0.012	140.799	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-518		0.000	0.021	247.289	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-519		0.000	0.022	257.384	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-52		0.000	0.036	422.668	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-520		0.000	0.030	354.060	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-521		0.000	0.047	547.131	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-522		0.000	0.006	74.772	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-523		0.000	0.007	81.516	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-524		0.000	0.006	65.814	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-525		0.000	0.003	40.471	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-526		0.000	0.005	53.592	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-527		0.000	0.004	52.435	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-528		0.000	0.014	166.617	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-53		0.000	0.040	472.083	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-530		0.000	0.013	157.330	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-531		0.000	0.015	175.337	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-532		0.000	0.039	428.810	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-533		0.000	0.030	354.061	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-534		0.000	0.036	386.894	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-535		0.000	0.030	354.066	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-535A		0.000	0.030	353.944	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-536		0.000	0.003	30.074	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-537		0.000	0.003	33.960	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-538		0.000	0.033	366.584	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-539		0.000	0.014	143.279	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-54		0.000	0.040	472.081	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-55		0.000	0.038	428.809	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-56		0.000	0.014	160.097	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-57		0.000	0.014	166.246	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-58		0.000	0.005	59.828	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-59		0.000	0.006	68.582	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-6		0.000	0.003	33.423	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-60		0.000	0.035	366.462	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-61		0.000	0.037	397.247	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-62		0.000	0.013	155.915	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-63		0.000	0.014	170.539	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-64		0.000	0.006	67.926	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-65		0.000	0.005	61.813	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-66		0.000	0.008	91.420	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-67		0.000	0.010	115.850	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-68		0.000	0.010	123.974	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-69		0.000	0.007	83.804	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-7		0.000	0.037	398.174	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-70		0.000	0.002	27.183	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-71		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-72		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-73		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-75		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-76		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-77		0.000	0.006	74.781	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-78		0.000	0.009	100.521	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-79		0.000	0.025	270.289	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-8		0.000	0.040	472.080	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-80		0.000	0.031	326.784	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-81		0.000	0.047	534.603	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-82		0.000	0.013	153.476	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-83		0.000	0.016	184.836	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-84		0.000	0.010	112.585	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-85		0.000	0.009	110.759	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-86		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-88		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-89		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-9		0.000	0.013	154.607	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-90		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-91		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-93		0.000	0.002	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-94		0.000	0.006	68.548	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-95		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-96		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-97		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-98		0.000	0.037	433.556	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-99		0.000	0.005	64.397	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-NJT		0.000	0.206	2388.595	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-NJT1		0.000	0.019	225.849	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-West1		0.000	0.693	8149.350	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-West2		0.000	0.632	7342.650	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-1		0.000	0.011	128.678	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-10		0.000	0.006	72.695	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-100		0.000	0.006	72.065	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-101		0.000	0.011	126.689	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-102		0.000	0.007	86.768	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-103		0.000	0.008	92.084	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-104		0.000	0.008	99.685	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-105		0.000	0.017	199.285	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-106		0.000	0.016	191.938	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-107		0.000	0.009	107.382	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-108		0.000	0.012	147.046	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-109		0.000	0.019	222.375	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-11		0.000	0.005	60.266	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-110		0.000	0.008	96.605	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-111		0.000	0.010	115.397	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-12		0.000	0.003	34.949	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-13		0.000	0.003	35.384	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-14		0.000	0.011	127.699	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-14A		0.000	0.004	45.386	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-15		0.000	0.020	236.037	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-16		0.000	0.020	236.042	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-17		0.000	0.020	236.040	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-18		0.000	0.003	34.977	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-19		0.000	0.003	36.983	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-2		0.000	0.008	94.578	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-20		0.000	0.020	236.043	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-21		0.000	0.003	35.558	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-22		0.000	0.003	36.125	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-23		0.000	0.020	236.501	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-24		0.000	0.022	264.103	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-25		0.000	0.003	34.464	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-26		0.000	0.003	37.449	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-27		0.000	0.006	72.621	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-28		0.000	0.002	27.655	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-29		0.000	0.001	11.747	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-3		0.000	0.008	95.977	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-30		0.000	0.003	33.428	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-31		0.000	0.009	106.405	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-32		0.000	0.009	105.685	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-33		0.000	0.007	82.277	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-34		0.000	0.009	106.922	2011-08-27 09:00:00	2011-08-27 22:00:00

H2-35		0.000	0.015	171.351	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-37		0.000	0.022	263.142	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-38		0.000	0.020	237.176	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-39		0.000	0.020	236.038	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-39A		0.000	0.002	19.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-39B		0.000	0.002	22.548	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-4		0.000	0.009	106.665	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-40		0.000	0.020	236.044	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-40A		0.000	0.002	22.862	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-40B		0.000	0.002	19.386	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-41		0.000	0.022	261.345	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-42		0.000	0.020	239.465	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-43		0.000	0.020	236.042	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-44		0.000	0.022	260.698	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-45		0.000	0.020	242.133	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-46		0.000	0.007	83.308	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-47		0.000	0.004	42.341	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-48		0.000	0.002	29.453	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-49		0.000	0.019	224.258	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-5		0.000	0.008	94.257	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-50		0.000	0.019	224.517	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-50A		0.000	0.019	224.705	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-51		0.000	0.003	31.926	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-52		0.000	0.003	34.331	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-53		0.000	0.006	65.913	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-54		0.000	0.003	38.326	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-55		0.000	0.007	83.307	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-56		0.000	0.007	75.519	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-57		0.000	0.008	98.851	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-58		0.000	0.008	92.411	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-59		0.000	0.003	36.512	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-6		0.000	0.002	19.711	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-60		0.000	0.006	75.278	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-61		0.000	0.001	13.254	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-62		0.000	0.002	25.368	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-63		0.000	0.020	228.200	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-64		0.000	0.026	304.774	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-65		0.000	0.008	91.491	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-66		0.000	0.008	88.813	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-67		0.000	0.011	130.885	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-68		0.000	0.005	58.861	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-69		0.000	0.006	73.781	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-7		0.000	0.001	7.964	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-70		0.000	0.021	244.583	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-71		0.000	0.041	472.083	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-72		0.000	0.041	472.083	2011-08-27 09:00:00	2011-08-27 22:00:00

H2-73		0.000	0.016	193.310	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-74		0.000	0.017	206.394	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-75		0.000	0.009	101.709	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-76		0.000	0.009	107.090	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-76A		0.000	0.001	16.078	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-76B		0.000	0.002	20.697	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-77		0.000	0.006	67.994	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-78		0.000	0.006	73.805	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-79		0.000	0.006	72.127	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-8		0.000	0.004	43.036	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-80		0.000	0.005	60.014	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-81		0.000	0.003	36.962	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-82		0.000	0.003	33.702	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-83		0.000	0.006	76.247	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-84		0.000	0.007	80.116	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-85		0.000	0.008	91.098	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-86		0.000	0.040	460.906	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-87		0.000	0.017	194.387	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-88		0.000	0.014	167.167	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-89		0.000	0.014	166.069	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-9		0.000	0.014	164.553	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-90		0.000	0.012	142.705	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-91		0.000	0.007	77.825	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-91A		0.000	0.001	17.620	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-91B		0.000	0.002	22.288	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-92		0.000	0.006	67.510	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-93		0.000	0.017	194.388	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-94		0.000	0.007	78.136	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-95		0.000	0.007	85.338	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-96		0.000	0.020	237.430	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-97		0.000	0.003	34.549	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-98		0.000	0.009	107.932	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-99		0.000	0.027	311.232	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-9A		0.000	0.004	48.937	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-NJT1		0.000	0.076	901.201	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-1		0.000	0.035	368.231	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-10		0.000	0.003	36.605	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-100		0.000	0.017	180.087	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-101		0.000	0.019	229.379	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-102		0.000	0.006	75.665	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-103		0.000	0.007	83.444	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-104		0.000	0.005	63.190	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-105		0.000	0.006	65.844	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-106		0.000	0.013	150.767	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-107		0.000	0.015	174.236	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-108		0.000	0.037	397.239	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-109		0.000	0.034	346.346	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-11		0.000	0.003	29.714	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-110		0.000	0.003	33.756	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-111		0.000	0.003	31.614	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-112		0.000	0.015	174.774	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-113		0.000	0.013	150.782	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-114		0.000	0.003	34.410	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-115		0.000	0.003	30.859	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-116		0.000	0.017	176.721	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-117		0.000	0.019	218.789	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-118		0.000	0.003	33.623	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-119		0.000	0.003	30.416	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-12		0.000	0.003	33.154	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-120		0.000	0.006	75.261	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-121		0.000	0.008	90.074	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-122		0.000	0.020	236.041	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-123		0.000	0.020	236.029	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-124		0.000	0.020	236.044	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-125		0.000	0.006	69.506	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-126		0.000	0.003	30.736	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-127		0.000	0.001	15.837	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-128		0.000	0.001	13.795	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-129		0.000	0.020	236.043	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-129A		0.000	0.003	34.650	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-13		0.000	0.015	172.755	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-130		0.000	0.020	236.036	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-130A		0.000	0.006	65.511	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-131		0.000	0.018	207.182	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-132		0.000	0.016	194.028	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-133		0.000	0.003	37.878	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-134		0.000	0.003	32.444	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-135		0.000	0.020	236.042	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-136		0.000	0.018	189.310	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-137		0.000	0.022	253.643	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-138		0.000	0.001	16.210	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-139		0.000	0.001	13.624	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-14		0.000	0.013	153.513	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-140		0.000	0.001	11.782	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-141		0.000	0.001	11.525	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-142		0.000	0.003	38.203	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-143		0.000	0.003	31.614	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-144		0.000	0.001	11.341	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-145		0.000	0.017	205.840	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-146		0.000	0.016	194.791	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-147		0.000	0.006	71.730	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-148		0.000	0.005	60.855	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-149		0.000	0.025	289.360	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-15		0.000	0.034	345.804	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-150		0.000	0.012	122.745	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-151		0.000	0.007	87.617	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-152		0.000	0.015	178.207	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-153		0.000	0.007	79.232	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-154		0.000	0.008	99.587	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-155		0.000	0.007	82.679	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-156		0.000	0.015	172.087	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-157		0.000	0.005	60.336	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-158		0.000	0.006	72.760	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-16		0.000	0.003	34.539	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-17		0.000	0.003	31.910	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-18		0.000	0.037	397.245	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-19		0.000	0.002	29.265	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-2		0.000	0.038	428.813	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-20		0.000	0.003	35.670	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-21		0.000	0.014	165.594	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-22		0.000	0.013	159.373	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-23		0.000	0.029	297.797	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-24		0.000	0.037	407.682	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-25		0.000	0.003	34.461	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-26		0.000	0.003	30.224	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-27		0.000	0.014	161.495	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-28		0.000	0.014	164.012	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-29		0.000	0.032	326.586	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-2A		0.000	0.005	62.575	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-2B		0.000	0.006	65.091	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-3		0.000	0.015	178.266	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-30		0.000	0.040	472.081	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-31		0.000	0.040	472.076	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-32		0.000	0.004	47.027	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-33		0.000	0.005	59.374	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-34		0.000	0.006	69.727	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-35		0.000	0.014	161.871	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-36		0.000	0.010	117.049	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-37		0.000	0.034	346.342	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-38		0.000	0.050	529.942	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-39		0.000	0.003	36.466	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-4		0.000	0.013	154.737	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-40		0.000	0.005	53.614	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-41		0.000	0.014	171.207	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-42		0.000	0.007	79.590	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-42_2		0.000	0.006	75.250	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-43		0.000	0.004	50.850	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-44		0.000	0.004	52.689	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-45		0.000	0.012	138.521	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-46		0.000	0.040	472.089	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-47		0.000	0.035	366.449	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-48		0.000	0.004	49.252	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-49		0.000	0.009	105.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-5		0.000	0.002	27.755	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-50		0.000	0.036	386.895	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-51		0.000	0.040	424.608	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-52		0.000	0.014	171.047	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-53		0.000	0.006	66.174	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-54		0.000	0.005	63.259	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-55		0.000	0.013	153.510	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-56		0.000	0.032	272.301	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-57		0.000	0.026	280.408	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-58		0.000	0.035	366.445	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-59		0.000	0.038	428.810	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-6		0.000	0.003	37.806	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-60		0.000	0.006	68.355	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-61		0.000	0.005	60.627	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-62		0.000	0.013	147.702	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-63		0.000	0.015	177.703	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-64		0.000	0.036	426.063	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-64A		0.000	0.012	145.470	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-65		0.000	0.040	472.081	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-65B		0.000	0.015	179.605	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-66		0.000	0.005	61.967	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-67		0.000	0.006	67.849	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-68		0.000	0.013	158.832	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-69		0.000	0.035	366.444	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-7		0.000	0.040	472.079	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-70		0.000	0.006	76.618	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-71		0.000	0.005	58.905	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-72		0.000	0.013	156.645	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-73		0.000	0.032	271.224	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-74		0.000	0.005	61.794	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-74_2		0.000	0.005	63.080	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-75		0.000	0.009	110.658	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-76		0.000	0.003	32.396	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-77		0.000	0.003	31.680	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-78		0.000	0.039	450.281	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-79		0.000	0.036	420.232	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-8		0.000	0.037	409.701	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-80		0.000	0.005	62.704	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-81		0.000	0.006	72.126	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-82		0.000	0.032	326.580	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-83		0.000	0.036	386.900	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-84		0.000	0.006	72.766	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-85		0.000	0.005	60.507	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-86		0.000	0.010	112.405	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-87		0.000	0.036	386.894	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-88		0.000	0.037	397.256	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-89		0.000	0.003	30.402	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-9		0.000	0.002	27.371	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-90		0.000	0.013	151.828	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-91		0.000	0.015	173.565	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-92		0.000	0.033	361.803	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-93		0.000	0.035	366.448	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-94		0.000	0.015	176.495	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-95		0.000	0.013	149.285	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-96		0.000	0.006	65.924	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-97		0.000	0.005	63.570	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-98		0.000	0.014	159.669	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-99		0.000	0.014	165.342	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-1		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H4-10		0.000	0.005	48.912	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-100		0.000	0.011	115.929	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-101		0.000	0.013	136.539	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-102		0.000	0.031	304.868	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-103		0.000	0.014	105.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-104		0.000	0.001	8.301	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-105		0.000	0.004	45.942	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-106		0.000	0.006	58.104	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-107		0.000	0.011	113.553	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-108		0.000	0.005	39.632	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-109		0.000	0.035	366.447	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-11		0.000	0.005	55.405	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-110		0.000	0.035	366.451	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-111		0.000	0.004	41.482	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-112		0.000	0.006	59.048	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-113		0.000	0.013	132.363	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-114		0.000	0.006	59.444	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-114_2		0.000	0.006	60.935	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-115		0.000	0.035	366.442	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-116		0.000	0.035	366.438	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-117		0.000	0.005	53.333	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-118		0.000	0.005	47.329	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-119		0.000	0.012	129.401	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-12		0.000	0.003	26.239	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-120		0.000	0.012	123.864	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-121		0.000	0.035	366.446	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-122		0.000	0.031	307.797	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-123		0.000	0.004	40.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-124		0.000	0.006	58.382	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-125		0.000	0.013	134.114	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-126		0.000	0.011	119.524	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-127		0.000	0.033	329.032	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-128		0.000	0.031	307.166	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-129		0.000	0.006	58.107	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-13		0.000	0.002	23.984	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-130		0.000	0.004	41.419	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-131		0.000	0.013	134.298	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-132		0.000	0.011	119.002	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-133		0.000	0.035	366.448	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-134		0.000	0.029	278.469	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-135		0.000	0.005	56.662	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-136		0.000	0.004	43.506	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-137		0.000	0.012	122.578	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-138		0.000	0.012	130.423	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-139		0.000	0.035	366.448	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-14		0.000	0.005	57.201	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-140		0.000	0.032	326.584	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-141		0.000	0.005	52.990	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-142		0.000	0.004	46.989	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-143		0.000	0.012	123.359	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-144		0.000	0.012	129.631	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-145		0.000	0.034	345.622	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-145A		0.000	0.009	94.264	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-145B		0.000	0.005	50.932	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-146		0.000	0.030	297.594	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-147		0.000	0.004	37.771	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-148		0.000	0.002	21.865	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-149		0.000	0.003	29.090	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-15		0.000	0.006	58.956	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-150		0.000	0.013	140.587	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-151		0.000	0.011	117.877	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-152		0.000	0.031	307.176	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-153		0.000	0.035	366.447	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-154		0.000	0.006	62.363	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-155		0.000	0.004	42.537	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-156		0.000	0.006	58.535	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-157		0.000	0.003	27.966	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-158		0.000	0.012	130.204	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-159		0.000	0.012	122.333	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-16		0.000	0.028	260.194	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-160		0.000	0.031	307.169	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-161		0.000	0.027	260.657	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-162		0.000	0.002	21.932	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-163		0.000	0.004	44.757	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-164		0.000	0.005	55.885	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-165		0.000	0.013	136.250	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-166		0.000	0.011	116.653	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-167		0.000	0.029	278.712	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-168		0.000	0.033	323.834	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-169		0.000	0.002	22.257	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-17		0.000	0.034	356.065	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-170		0.000	0.003	27.382	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-171		0.000	0.005	52.936	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-172		0.000	0.004	47.093	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-173		0.000	0.012	122.177	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-174		0.000	0.012	130.806	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-175		0.000	0.005	47.218	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-176		0.000	0.005	53.738	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-177		0.000	0.031	307.179	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-178		0.000	0.003	27.174	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-179		0.000	0.002	23.111	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-18		0.000	0.028	261.413	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-180		0.000	0.012	129.525	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-181		0.000	0.026	242.059	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-182		0.000	0.002	26.154	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-183		0.000	0.002	24.306	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-184		0.000	0.012	130.539	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-185		0.000	0.025	258.670	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-186		0.000	0.002	22.537	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-187		0.000	0.003	27.900	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-188		0.000	0.009	96.373	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-189		0.000	0.003	27.053	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-19		0.000	0.011	110.571	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-190		0.000	0.008	81.098	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-191		0.000	0.004	41.239	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-192		0.000	0.006	66.917	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-193		0.000	0.003	26.244	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-194		0.000	0.003	29.558	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-195		0.000	0.004	46.736	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-196		0.000	0.004	46.336	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-197		0.000	0.001	5.836	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-198		0.000	0.001	15.266	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-199		0.000	0.003	28.735	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-2		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H4-20		0.000	0.012	130.052	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-20_2		0.000	0.010	102.401	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-200		0.000	0.003	26.858	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-201		0.000	0.004	47.298	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-202		0.000	0.006	65.469	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-203		0.000	0.033	314.099	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-204		0.000	0.015	160.577	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-205		0.000	0.011	99.545	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-206		0.000	0.012	121.536	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-207		0.000	0.007	65.337	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-208		0.000	0.005	49.823	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-209		0.000	0.004	35.681	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-21		0.000	0.007	71.597	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-210		0.000	0.021	183.091	2011-08-27 09:00:00	2011-08-27 22:03:00
H4-210A		0.000	0.025	217.536	2011-08-27 09:00:00	2011-08-27 22:03:00
H4-211		0.000	0.014	141.832	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-212		0.000	0.016	169.562	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-213		0.000	0.005	53.174	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-214		0.000	0.005	51.314	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-22		0.000	0.006	63.875	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-23		0.000	0.005	51.665	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-24		0.000	0.005	49.627	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-25		0.000	0.005	52.637	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-26		0.000	0.004	47.084	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-27		0.000	0.086	767.092	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-28		0.000	0.008	79.598	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-29		0.000	0.006	67.432	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-3		0.000	0.002	25.556	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-30		0.000	0.034	344.891	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-31		0.000	0.004	38.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-32		0.000	0.005	48.359	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-33		0.000	0.143	1496.376	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-34		0.000	0.004	42.270	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-35		0.000	0.005	50.574	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-36		0.000	0.012	126.463	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-37		0.000	0.011	112.351	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-38		0.000	0.035	366.450	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-39		0.000	0.013	135.473	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-4		0.000	0.006	58.572	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-40		0.000	0.011	117.452	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-41		0.000	0.005	56.254	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-42		0.000	0.004	43.942	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-43		0.000	0.034	344.891	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-44		0.000	0.033	325.826	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-45		0.000	0.004	46.533	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-46		0.000	0.005	54.228	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-47		0.000	0.011	116.001	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-48		0.000	0.012	123.000	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-49		0.000	0.035	366.447	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-5		0.000	0.006	65.092	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-50		0.000	0.035	366.447	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-51		0.000	0.012	123.502	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-52		0.000	0.012	129.196	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-53		0.000	0.005	47.891	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-54		0.000	0.005	52.829	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-55		0.000	0.004	43.200	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-56		0.000	0.005	57.175	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-57		0.000	0.030	289.200	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-58		0.000	0.017	140.484	2011-08-27 09:00:00	2011-08-27 22:01:00
H4-59		0.000	0.004	46.446	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-6		0.000	0.010	106.126	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-60		0.000	0.005	54.003	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-61		0.000	0.012	122.815	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-62		0.000	0.011	116.247	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-63		0.000	0.035	366.451	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-64		0.000	0.035	366.448	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-65		0.000	0.005	53.172	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-66		0.000	0.005	47.282	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-67		0.000	0.012	128.301	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-68		0.000	0.012	124.473	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-69		0.000	0.004	38.753	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-7		0.000	0.031	306.467	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-70		0.000	0.006	61.421	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-71		0.000	0.017	140.484	2011-08-27 09:00:00	2011-08-27 22:01:00
H4-72		0.000	0.034	347.429	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-73		0.000	0.004	43.949	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-74		0.000	0.005	55.613	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-75		0.000	0.010	106.095	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-76		0.000	0.035	366.447	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-77		0.000	0.030	297.595	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-78		0.000	0.013	139.820	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-79		0.000	0.005	52.689	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-8		0.000	0.002	25.381	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-80		0.000	0.004	47.101	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-81		0.000	0.011	111.688	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-82		0.000	0.014	141.627	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-83		0.000	0.005	54.100	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-84		0.000	0.005	57.328	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-85		0.000	0.031	307.492	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-86		0.000	0.035	366.446	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-87		0.000	0.004	41.765	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-88		0.000	0.006	59.628	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-89		0.000	0.012	126.407	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-9		0.000	0.003	33.981	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-90		0.000	0.012	125.752	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-91		0.000	0.025	233.107	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-92		0.000	0.035	366.450	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-93		0.000	0.005	47.632	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-94		0.000	0.005	53.347	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-95		0.000	0.012	126.008	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-96		0.000	0.006	64.414	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-96_2		0.000	0.006	63.177	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-97		0.000	0.035	366.447	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-98		0.000	0.030	297.597	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-99		0.000	0.002	22.928	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-1		0.000	0.042	352.839	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-10		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-100		0.000	0.009	97.824	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-101		0.000	0.005	48.614	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-102		0.000	0.005	54.950	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-103		0.000	0.035	365.227	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-104		0.000	0.034	360.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-105		0.000	0.006	67.641	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-105_2		0.000	0.006	65.883	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-106		0.000	0.012	121.992	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-107		0.000	0.005	47.222	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-108		0.000	0.005	53.177	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-109		0.000	0.005	56.484	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-11		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-110		0.000	0.004	44.629	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-111		0.000	0.017	173.379	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-112		0.000	0.019	201.285	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-113		0.000	0.026	269.391	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-114		0.000	0.035	362.237	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-115		0.000	0.006	60.137	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-116		0.000	0.004	45.123	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-117		0.000	0.012	128.015	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-118		0.000	0.021	218.577	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-118A		0.000	0.002	19.499	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-118B		0.000	0.003	27.955	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-119		0.000	0.019	181.831	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-12		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-120		0.000	0.005	54.780	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-121		0.000	0.005	47.222	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-122		0.000	0.029	302.319	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-123		0.000	0.004	43.287	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-124		0.000	0.004	47.052	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-125		0.000	0.004	42.910	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-126		0.000	0.025	268.381	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-127		0.000	0.011	111.124	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-128		0.000	0.012	121.760	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-129		0.000	0.008	87.680	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-13		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-130		0.000	0.025	231.337	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-131		0.000	0.025	252.813	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-132		0.000	0.010	108.377	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-133		0.000	0.012	124.085	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-134		0.000	0.027	272.047	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-135		0.000	0.009	95.265	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-136		0.000	0.009	95.122	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-137		0.000	0.011	111.005	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-138		0.000	0.012	121.067	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-139		0.000	0.013	132.668	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-14		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-140		0.000	0.011	120.150	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-141		0.000	0.005	56.153	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-142		0.000	0.005	47.425	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-143		0.000	0.027	272.130	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-144		0.000	0.031	331.181	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-145		0.000	0.024	244.919	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-146		0.000	0.031	307.180	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-147		0.000	0.002	19.343	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-148		0.000	0.002	21.459	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-149		0.000	0.005	49.428	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-15		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-150		0.000	0.031	305.883	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-151		0.000	0.026	274.836	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-152		0.000	0.013	135.240	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-153		0.000	0.012	123.057	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-154		0.000	0.031	305.648	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-155		0.000	0.023	230.385	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-156		0.000	0.002	20.644	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-157		0.000	0.003	29.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-158		0.000	0.012	129.817	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-159		0.000	0.012	124.351	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-16		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-160		0.000	0.002	25.610	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-161		0.000	0.008	81.009	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-162		0.000	0.008	80.693	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-163		0.000	0.002	24.631	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-164		0.000	0.011	119.041	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-165		0.000	0.017	180.655	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-166		0.000	0.032	325.851	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-167		0.000	0.018	185.519	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-168		0.000	0.019	202.281	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-169		0.000	0.016	169.876	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-17		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-170		0.000	0.026	259.822	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-171		0.000	0.035	359.238	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-172		0.000	0.021	223.308	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-173		0.000	0.004	41.145	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-174		0.000	0.004	40.969	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-175		0.000	0.018	186.838	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-177		0.000	0.025	259.760	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-178		0.000	0.035	351.085	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-179		0.000	0.005	56.546	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-18		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-180		0.000	0.006	58.714	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-181		0.000	0.003	34.636	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-182		0.000	0.005	47.875	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-183		0.000	0.018	187.172	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-185		0.000	0.026	274.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-186		0.000	0.038	403.475	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-187		0.000	0.005	50.467	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-188		0.000	0.006	64.589	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-19		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-190		0.000	0.018	191.437	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-191		0.000	0.007	78.575	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-192		0.000	0.008	81.533	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-193		0.000	0.007	68.231	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-194		0.000	0.007	74.302	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-195		0.000	0.025	247.736	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-196		0.000	0.011	110.430	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-197		0.000	0.011	111.784	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-198		0.000	0.038	402.757	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-199		0.000	0.003	29.480	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-2		0.000	0.054	555.150	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-20		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-200		0.000	0.038	403.091	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-201		0.000	0.003	34.295	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-202		0.000	0.016	162.312	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-203		0.000	0.031	324.203	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-204		0.000	0.014	151.574	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-205		0.000	0.016	163.631	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-206		0.000	0.005	55.658	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-207		0.000	0.006	61.904	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-208		0.000	0.002	16.790	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-209		0.000	0.001	12.508	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-21		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-210		0.000	0.034	357.396	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-211		0.000	0.017	134.659	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-212		0.000	0.014	141.613	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-213		0.000	0.009	89.704	2011-08-27 09:00:00	2011-08-27 22:04:00
H5-214		0.000	0.015	158.901	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-215		0.000	0.009	92.633	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-216		0.000	0.011	101.852	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-217		0.000	0.006	59.333	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-218		0.000	0.006	62.132	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-219		0.000	0.005	52.541	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-22		0.000	0.003	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-220		0.000	0.009	98.663	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-221		0.000	0.005	41.376	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-222		0.000	0.004	41.824	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-223		0.000	0.003	26.349	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-224		0.000	0.029	265.331	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-225		0.000	0.033	327.358	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-226		0.000	0.033	317.243	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-227		0.000	0.012	111.903	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-228		0.000	0.005	52.506	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-229		0.000	0.005	47.502	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-23		0.000	0.006	63.933	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-230		0.000	0.013	136.159	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-231		0.000	0.037	393.932	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-232		0.000	0.005	53.323	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-233		0.000	0.005	54.635	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-234		0.000	0.035	345.567	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-235		0.000	0.037	393.930	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-236		0.000	0.010	108.697	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-237		0.000	0.017	174.217	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-238		0.000	0.015	161.289	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-239		0.000	0.015	155.211	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-24		0.000	0.004	40.390	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-240		0.000	0.015	161.041	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-241		0.000	0.015	157.864	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-242		0.000	0.004	47.053	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-243		0.000	0.005	53.012	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-244		0.000	0.013	116.026	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-245		0.000	0.026	219.071	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-246		0.000	0.020	170.091	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-247		0.000	0.030	256.443	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-248		0.000	0.038	365.228	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-248A		0.000	0.015	135.227	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-249A		0.000	0.035	328.008	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-249B		0.000	0.058	540.820	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-25		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-250		0.000	0.065	571.160	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-251A		0.000	0.051	454.796	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-251B		0.000	0.013	116.237	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-252		0.000	0.031	292.719	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-253		0.000	0.030	283.735	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-254		0.000	0.081	794.667	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-255		0.000	0.031	307.630	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-256		0.000	0.010	82.883	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-257		0.000	0.009	69.793	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-258		0.000	0.010	84.570	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-26		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-27		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-28		0.000	0.012	129.800	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-29		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-3		0.000	0.045	460.629	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-30		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-31		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-32		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-33		0.000	0.036	365.067	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-34		0.000	0.034	344.890	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-35		0.000	0.006	64.839	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-35_2		0.000	0.006	63.386	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-36		0.000	0.006	59.183	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-36_2		0.000	0.005	54.876	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-37		0.000	0.036	367.826	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-38		0.000	0.034	344.894	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-39		0.000	0.006	61.303	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-39_2		0.000	0.006	59.251	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-4		0.000	0.016	169.326	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-40		0.000	0.012	121.325	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-41		0.000	0.034	344.889	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-42		0.000	0.011	113.127	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-43		0.000	0.012	129.731	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-44		0.000	0.166	1628.580	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-45		0.000	0.005	54.479	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-46		0.000	0.004	44.986	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-47		0.000	0.010	103.259	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-48		0.000	0.007	70.402	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-48_2		0.000	0.006	67.630	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-49		0.000	0.034	344.892	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-5		0.000	0.013	134.061	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-50		0.000	0.034	344.892	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-51		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-52		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-53		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-54		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-55		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-56		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00

H5-57		0.000	0.003	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-58		0.000	0.006	60.622	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-59		0.000	0.004	43.795	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-6		0.000	0.010	101.367	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-60		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-61		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-62		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-63		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-64		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-65		0.000	0.005	54.239	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-66		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-67		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-68		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-69		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-7		0.000	0.009	90.290	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-70		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-71		0.000	0.006	61.265	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-72		0.000	0.008	78.760	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-73		0.000	0.023	239.629	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-74		0.000	0.030	270.966	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-75		0.000	0.045	373.921	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-76		0.000	0.001	9.428	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-77		0.000	0.002	21.160	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-78		0.000	0.010	90.777	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-79		0.000	0.012	124.094	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-8		0.000	0.045	455.810	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-80		0.000	0.035	366.448	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-81		0.000	0.004	45.786	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-82		0.000	0.005	54.935	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-83		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-84		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-85		0.000	0.035	365.219	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-86		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-87		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-88		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-89		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-9		0.000	0.027	277.086	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-90		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-91		0.000	0.025	258.669	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-92		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-93		0.000	0.005	55.182	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-94		0.000	0.004	45.227	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-95		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-96		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-97		0.000	0.025	258.668	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-98		0.000	0.019	181.831	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-99		0.000	0.008	87.692	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-1		0.000	0.002	27.292	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-10		0.000	0.020	241.548	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-11		0.000	0.003	34.709	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-12		0.000	0.003	30.568	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-13		0.000	0.004	50.557	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-14		0.000	0.005	55.735	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-15		0.000	0.010	123.639	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-16		0.000	0.011	133.638	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-17		0.000	0.027	314.230	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-18		0.000	0.027	321.137	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-19		0.000	0.004	43.800	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-2		0.000	0.002	29.376	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-20		0.000	0.005	59.546	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-21		0.000	0.014	169.961	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-22		0.000	0.015	175.733	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-23		0.000	0.021	244.629	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-24		0.000	0.010	115.814	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-25		0.000	0.010	120.049	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-26		0.000	0.013	155.926	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-27		0.000	0.014	169.759	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-28		0.000	0.018	214.092	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-29		0.000	0.018	218.304	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-3		0.000	0.011	134.784	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-30		0.000	0.025	290.785	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-31		0.000	0.018	216.602	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-32		0.000	0.009	109.805	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-33		0.000	0.009	101.552	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-34		0.000	0.018	216.591	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-35		0.000	0.007	81.966	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-36		0.000	0.007	87.563	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-37		0.000	0.012	141.862	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-38		0.000	0.012	146.756	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-39		0.000	0.040	416.044	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-4		0.000	0.029	321.608	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-40		0.000	0.035	402.756	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-41		0.000	0.029	277.948	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-42		0.000	0.038	437.150	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-43		0.000	0.009	100.991	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-44		0.000	0.009	107.691	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-45		0.000	0.012	141.303	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-47		0.000	0.013	148.203	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-48		0.000	0.008	94.231	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-49		0.000	0.010	116.871	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-5		0.000	0.017	201.284	2011-08-27 09:00:00	2011-08-27 22:00:00

H6-50		0.000	0.021	212.031	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-51		0.000	0.023	250.023	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-52		0.000	0.023	248.785	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-53		0.000	0.005	59.591	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-54		0.000	0.006	69.865	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-55		0.000	0.015	174.338	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-56		0.000	0.013	151.169	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-57		0.000	0.033	366.914	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-58		0.000	0.037	407.681	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-59		0.000	0.005	56.849	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-6		0.000	0.012	141.864	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-60		0.000	0.006	72.178	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-61		0.000	0.014	168.329	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-62		0.000	0.013	157.956	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-63		0.000	0.003	31.712	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-64		0.000	0.002	23.403	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-65		0.000	0.028	333.703	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-66		0.000	0.041	448.449	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-67		0.000	0.021	244.125	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-68		0.000	0.020	210.448	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-69		0.000	0.009	100.809	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-7		0.000	0.009	101.631	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-70		0.000	0.009	110.905	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-71		0.000	0.008	99.560	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-72		0.000	0.009	106.193	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-8		0.000	0.006	67.366	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-9		0.000	0.022	259.456	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-1		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-10		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-103		0.000	0.003	20.842	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-104		0.000	0.002	19.122	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-105		0.000	0.003	20.336	2011-08-27 09:00:00	2011-08-27 22:01:00
H7-106		0.000	0.052	460.756	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-107		0.000	0.013	154.178	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-107A		0.000	0.005	59.997	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-108		0.000	0.011	135.155	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-108A		0.000	0.006	66.060	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-109		0.000	0.004	43.811	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-11		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-110		0.000	0.004	47.228	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-111		0.000	0.005	55.575	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-112		0.000	0.005	59.470	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-113		0.000	0.036	416.006	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-114		0.000	0.019	223.576	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-115		0.000	0.019	223.632	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-116		0.000	0.005	59.804	2011-08-27 09:00:00	2011-08-27 22:00:00

H7-117		0.000	0.006	73.914	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-118		0.000	0.039	444.850	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-119		0.000	0.033	366.192	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-12		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-120		0.000	0.010	119.088	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-120_2		0.000	0.010	118.246	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-121		0.000	0.020	236.927	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-122		0.000	0.033	366.437	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-123		0.000	0.013	157.763	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-124		0.000	0.013	149.483	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-125		0.000	0.032	360.955	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-126		0.000	0.003	34.692	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-127		0.000	0.003	33.609	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-128		0.000	0.013	151.461	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-129		0.000	0.014	171.209	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-13		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-130		0.000	0.010	106.126	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-131		0.000	0.013	157.248	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-132		0.000	0.015	182.122	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-133		0.000	0.032	354.186	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-134		0.000	0.032	314.811	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-135		0.000	0.012	139.701	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-136		0.000	0.014	163.265	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-137		0.000	0.004	49.321	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-138		0.000	0.005	64.709	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-139		0.000	0.008	91.234	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-14		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-140		0.000	0.009	109.081	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-141		0.000	0.031	361.005	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-142		0.000	0.019	225.098	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-143		0.000	0.018	209.573	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-144		0.000	0.031	350.523	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-145		0.000	0.007	84.916	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-146		0.000	0.008	89.818	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-147		0.000	0.009	103.013	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-148		0.000	0.021	244.129	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-149		0.000	0.009	111.909	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-15		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-150		0.000	0.015	181.766	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-151		0.000	0.039	462.808	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-154		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-155		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-156		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-157		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-16		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-17		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00

H7-66		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-67		0.000	0.145	1524.420	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-68		0.000	0.091	993.834	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-69		0.000	0.036	416.542	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-7		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-70		0.000	0.011	128.016	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-71		0.000	0.013	159.436	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-73		0.000	0.031	264.987	2011-08-27 09:00:00	2011-08-27 22:01:00
H7-74		0.000	0.021	195.465	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-74A		0.000	0.057	656.883	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-74B		0.000	0.024	279.917	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-74C		0.000	0.033	396.137	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-76		0.000	0.002	18.406	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-77		0.000	0.003	21.609	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-78		0.000	0.036	416.543	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-79		0.000	0.036	416.365	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-8		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-80		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-81		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-82		0.000	0.011	127.278	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-83		0.000	0.014	160.227	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-84		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-85		0.000	0.039	444.488	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-86		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-87		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-88		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-89		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-9		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-90		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-91		0.000	0.031	361.003	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-92		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-93		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-94		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-95		0.000	0.036	424.319	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-96		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-97		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-98		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-99		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
HHA		0.000	0.722	9087.476	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-1		0.000	0.008	99.069	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-10		0.000	0.037	431.631	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-11		0.000	0.045	472.709	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-12		0.000	0.017	202.173	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-13		0.000	0.031	366.066	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-14A		0.000	0.033	324.461	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-15		0.000	0.036	331.741	2011-08-27 09:00:00	2011-08-27 22:00:00

HSI-16		0.000	0.048	488.053	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-2		0.000	0.008	88.768	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-3		0.000	0.007	83.956	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-4		0.000	0.007	87.418	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-5		0.000	0.015	178.255	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-6		0.000	0.014	163.706	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-7		0.000	0.005	64.838	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-8		0.000	0.004	44.152	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-9		0.000	0.028	302.504	2011-08-27 09:00:00	2011-08-27 22:00:00
JC-1		0.000	5.769	85797.264	2011-08-27 09:00:00	2011-08-27 23:09:00
Total :				410311.653		

Boundary Connections

Rainfall And Meteo Boundaries

Boundary Condition ID	Type	Connection Type	Location	Temporal variation	
BC_10	Rainfall	All catchments		Time Series	Q:\50074974\Tech\Modeling\Hoboken_Coastal_Modelling\Irene_Setup\Integration\01_Ext

MIKE URBAN Hydrology Results

Proposed DSD Alternatives: 50-Year Rainfall Event

MOUSE Runoff Computation Engine x64 v2014 Release Version (14.0.0.9034)

MOUSE Runoff Model UHM Status Report

File Overview

Working dir : C:\Projects\50074974\MIKEURBAN\ProposedAlternatives\
Hydrological data file : RO_Prop_50yrProposedAlt.mex
Sewer network data : RO_Prop_50yrProposedAlt.mex
Result File : RO_Prop_50yrProposedAlt.CRF

Time Overview

Simulation start date : 2011-08-27 09:00:00
Simulation end date : 2011-08-28 09:00:00
Simulation time step [s] : 60

Simulation Result Summary

Catchment Result Summary**Catchment runoff hydrograph summary**

CatchmentID	Rain Event	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum
		[m ³ /s]	[m ³ /s]	[m ³]		
14VO-1		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-10		0.000	0.012	147.223	2011-08-27 09:00:00	2011-08-27 22:00:00
14VO-11		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-12		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-13		0.000	0.280	2772.003	2011-08-27 09:00:00	2011-08-27 22:01:00
14VO-14		0.000	0.044	530.267	2011-08-27 09:00:00	2011-08-27 22:00:00
14-VO15		0.000	0.084	835.773	2011-08-27 09:00:00	2011-08-27 22:01:00
14VO-2		0.000	0.014	171.928	2011-08-27 09:00:00	2011-08-27 22:00:00
14VO-3		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-4		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-5		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-6		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-7		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-8		0.000	0.013	153.856	2011-08-27 09:00:00	2011-08-27 22:00:00
14VO-9		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
BASF		0.000	2.069	38016.047	2011-08-27 09:00:00	2011-08-27 23:19:00
Block 12_A4		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
Block 12_A5		0.000	0.002	22.167	2011-08-27 09:00:00	2011-08-27 22:00:00
Block_12_NN		0.000	0.008	93.097	2011-08-27 09:00:00	2011-08-27 22:00:00
BLOCK10		0.000	0.426	5405.096	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1		0.000	0.077	936.703	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_10		0.000	0.112	1356.358	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1558_1		0.000	0.009	114.252	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1558_2		0.000	0.009	114.772	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1559_1		0.000	0.013	159.111	2011-08-27 09:00:00	2011-08-27 22:00:00

Catchment_1559_2		0.000	0.013	151.502	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1560_1		0.000	0.013	156.145	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1560_2		0.000	0.013	155.781	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1561_1		0.000	0.013	154.559	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1561_2		0.000	0.013	162.801	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_2		0.000	0.074	891.912	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_31		0.000	0.319	3186.257	2011-08-27 09:00:00	2011-08-27 22:01:00
Catchment_32		0.000	0.106	1275.391	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_33		0.000	0.806	8311.167	2011-08-27 09:00:00	2011-08-27 22:01:00
Catchment_5		0.000	0.049	587.230	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_6		0.000	0.055	661.708	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_7		0.000	0.067	812.096	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_8		0.000	0.039	472.648	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_9		0.000	0.178	2152.699	2011-08-27 09:00:00	2011-08-27 22:00:00
City Hall - Untreated		0.000	0.011	130.336	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-1		0.000	0.015	183.679	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-10		0.000	0.017	204.693	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-100		0.000	0.007	82.830	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-102		0.000	0.039	459.345	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-103		0.000	0.143	1729.267	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-104		0.000	0.012	138.637	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-105		0.000	0.013	158.995	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-105a		0.000	0.036	429.527	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-106		0.000	0.040	445.825	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-107		0.000	0.012	140.977	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-108		0.000	0.015	186.631	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-109		0.000	0.010	125.906	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-11		0.000	0.003	36.467	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-11_2		0.000	0.003	36.743	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-110		0.000	0.014	164.399	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-111		0.000	0.028	332.901	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-112		0.000	0.023	272.408	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-113		0.000	0.009	114.400	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-114		0.000	0.005	65.728	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-115		0.000	0.005	63.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-116		0.000	0.005	58.493	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-117		0.000	0.004	45.278	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-119		0.000	0.007	84.597	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-12		0.000	0.007	82.108	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-120		0.000	0.011	133.846	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-121		0.000	0.060	660.182	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-122		0.000	0.065	732.217	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-123		0.000	0.022	268.244	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-124		0.000	0.025	299.234	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-125		0.000	0.010	124.013	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-126		0.000	0.008	96.636	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-127		0.000	0.015	172.699	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-128		0.000	0.007	86.199	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-129		0.000	0.008	94.436	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-13		0.000	0.030	320.136	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-130		0.000	0.012	145.381	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-131		0.000	0.004	44.661	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-132		0.000	0.007	86.066	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-133		0.000	0.018	215.067	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-134		0.000	0.063	748.529	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-135		0.000	0.009	112.242	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-136		0.000	0.006	77.728	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-137		0.000	0.003	31.697	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-138		0.000	0.008	95.731	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-139		0.000	0.005	56.190	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-14		0.000	0.031	335.738	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-140		0.000	0.010	120.429	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-141		0.000	0.065	732.277	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-142		0.000	0.023	275.203	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-143		0.000	0.024	294.513	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-144		0.000	0.065	732.263	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-145		0.000	0.006	76.070	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-146		0.000	0.007	78.343	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-147		0.000	0.015	182.659	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-148		0.000	0.017	207.954	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-149		0.000	0.044	486.761	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-15		0.000	0.011	134.592	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-150		0.000	0.044	486.768	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-151		0.000	0.044	486.763	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-152		0.000	0.016	193.252	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-153		0.000	0.016	197.273	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-154		0.000	0.007	80.834	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-155		0.000	0.006	74.590	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-156		0.000	0.007	80.849	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-157		0.000	0.006	74.539	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-159		0.000	0.017	200.039	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-16		0.000	0.012	146.761	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-160		0.000	0.016	190.030	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-161		0.000	0.045	520.459	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-162		0.000	0.044	486.764	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-163		0.000	0.007	78.355	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-164		0.000	0.006	76.108	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-165		0.000	0.016	188.249	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-167		0.000	0.017	201.753	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-168		0.000	0.044	486.770	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-169		0.000	0.006	77.918	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-17		0.000	0.006	76.111	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-170		0.000	0.006	76.377	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-171		0.000	0.016	194.535	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-172		0.000	0.016	196.282	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-173		0.000	0.040	409.967	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-174		0.000	0.007	83.121	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-175		0.000	0.006	72.266	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-176		0.000	0.011	133.488	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-177		0.000	0.012	147.832	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-178		0.000	0.033	399.541	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-179		0.000	0.007	79.875	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-18		0.000	0.007	78.480	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-180		0.000	0.006	74.641	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-181		0.000	0.007	79.281	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-181_2		0.000	0.009	103.296	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-182		0.000	0.017	207.558	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-183		0.000	0.044	486.762	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-184		0.000	0.007	80.338	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-185		0.000	0.006	74.908	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-186		0.000	0.016	190.167	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-187		0.000	0.017	200.181	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-188		0.000	0.047	566.019	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-189		0.000	0.044	497.938	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-19		0.000	0.042	453.534	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-190		0.000	0.042	453.543	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-191		0.000	0.047	566.022	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-192		0.000	0.016	189.510	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-193		0.000	0.017	201.433	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-194		0.000	0.003	38.665	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-194_2		0.000	0.003	38.641	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-195		0.000	0.007	78.343	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-196		0.000	0.047	566.022	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-197		0.000	0.047	566.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-198		0.000	0.044	497.939	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-199		0.000	0.015	184.469	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-2		0.000	0.009	103.599	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-2_2		0.000	0.009	102.833	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-20		0.000	0.044	486.767	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-200		0.000	0.017	205.276	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-201		0.000	0.006	75.806	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-202		0.000	0.007	78.838	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-203		0.000	0.031	343.600	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-204		0.000	0.031	351.488	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-205		0.000	0.033	399.542	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-206		0.000	0.011	127.234	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-207		0.000	0.013	154.265	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-208		0.000	0.006	73.440	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-209		0.000	0.007	81.007	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-21		0.000	0.016	197.914	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-210		0.000	0.044	497.948	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-211		0.000	0.044	486.761	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-212		0.000	0.046	543.137	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-213		0.000	0.015	185.162	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-214		0.000	0.017	205.436	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-215		0.000	0.006	77.989	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-216		0.000	0.006	76.603	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-217		0.000	0.043	475.645	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-218		0.000	0.043	475.645	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-219		0.000	0.046	543.138	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-22		0.000	0.016	192.731	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-220		0.000	0.015	183.742	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-221		0.000	0.009	105.608	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-221_2		0.000	0.008	100.161	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-222		0.000	0.006	75.883	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-223		0.000	0.007	79.120	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-224		0.000	0.046	543.135	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-225		0.000	0.042	453.539	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-226		0.000	0.046	543.137	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-227		0.000	0.015	179.870	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-228		0.000	0.009	113.240	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-228_2		0.000	0.008	99.389	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-229		0.000	0.007	86.966	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-23		0.000	0.033	399.540	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-230		0.000	0.006	67.703	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-231		0.000	0.064	699.667	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-232		0.000	0.063	715.200	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-233		0.000	0.020	246.282	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-234		0.000	0.026	312.019	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-235		0.000	0.012	146.653	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-236		0.000	0.057	683.569	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-237		0.000	0.050	598.035	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-238		0.000	0.088	974.925	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-239		0.000	0.102	1207.500	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-24		0.000	0.051	441.513	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-240		0.000	0.008	97.609	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-241		0.000	0.009	114.324	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-242		0.000	0.018	216.423	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-243		0.000	0.020	241.628	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-244		0.000	0.058	659.646	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-245		0.000	0.052	617.733	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-246		0.000	0.005	57.851	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-247		0.000	0.008	97.654	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-248		0.000	0.015	185.893	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-249		0.000	0.017	207.709	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-25		0.000	0.012	141.856	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-250		0.000	0.044	497.937	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-251		0.000	0.038	388.501	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-252		0.000	0.007	80.708	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-253		0.000	0.006	76.151	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-254		0.000	0.007	81.164	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-255		0.000	0.006	74.007	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-256		0.000	0.015	181.730	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-257		0.000	0.017	207.429	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-258		0.000	0.041	431.633	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-259		0.000	0.047	564.548	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-26		0.000	0.012	146.612	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-260		0.000	0.006	75.675	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-261		0.000	0.007	79.013	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-262		0.000	0.015	176.442	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-263		0.000	0.018	214.067	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-264		0.000	0.044	486.760	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-265		0.000	0.044	497.931	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-266		0.000	0.007	78.908	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-267		0.000	0.006	75.508	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-268		0.000	0.010	122.028	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-269		0.000	0.013	159.092	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-27		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-270		0.000	0.033	399.544	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-271		0.000	0.033	399.161	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-272		0.000	0.006	76.117	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-273		0.000	0.007	78.760	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-274		0.000	0.015	178.044	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-275		0.000	0.018	211.617	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-276		0.000	0.044	497.936	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-277		0.000	0.046	543.132	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-278		0.000	0.006	73.255	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-279		0.000	0.007	81.221	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-28		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-280		0.000	0.015	183.553	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-281		0.000	0.017	207.996	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-282		0.000	0.043	475.640	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-283		0.000	0.047	566.029	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-284		0.000	0.047	566.013	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-285		0.000	0.047	566.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-286		0.000	0.016	187.829	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-287		0.000	0.009	102.649	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-287_2		0.000	0.008	101.632	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-288		0.000	0.007	85.406	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-289		0.000	0.006	69.173	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-29		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-290		0.000	0.004	44.532	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-291		0.000	0.005	65.021	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-292		0.000	0.044	486.763	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-293		0.000	0.044	481.493	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-294		0.000	0.015	182.135	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-295		0.000	0.009	108.857	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-295_2		0.000	0.008	99.836	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-296		0.000	0.007	83.264	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-297		0.000	0.006	72.680	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-298		0.000	0.033	399.935	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-299		0.000	0.033	389.479	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-3		0.000	0.047	567.921	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-30		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-300		0.000	0.011	129.068	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-301		0.000	0.013	150.815	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-302		0.000	0.006	75.200	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-303		0.000	0.007	80.169	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-304		0.000	0.043	475.637	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-305		0.000	0.044	486.766	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-306		0.000	0.015	177.027	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-307		0.000	0.018	215.295	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-308		0.000	0.007	79.559	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-309		0.000	0.006	75.113	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-30A		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-31		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-310		0.000	0.047	567.491	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-311		0.000	0.047	566.024	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-312		0.000	0.015	175.219	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-313		0.000	0.018	214.556	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-314		0.000	0.006	75.262	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-315		0.000	0.007	79.379	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-316		0.000	0.044	497.934	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-317		0.000	0.047	566.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-318		0.000	0.015	177.696	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-319		0.000	0.018	212.983	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-32		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-320		0.000	0.007	89.844	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-321		0.000	0.005	64.826	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-322		0.000	0.047	557.293	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-323		0.000	0.038	457.615	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-324		0.000	0.014	172.082	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-325		0.000	0.015	184.136	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-326		0.000	0.009	110.060	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-327		0.000	0.010	125.983	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-328		0.000	0.011	130.076	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-329		0.000	0.009	112.494	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-33		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-330		0.000	0.011	138.178	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-331		0.000	0.009	113.218	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-332		0.000	0.031	341.571	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-333		0.000	0.025	297.497	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-334		0.000	0.006	71.288	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-335		0.000	0.007	84.494	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-336		0.000	0.015	183.920	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-337		0.000	0.017	206.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-338		0.000	0.047	566.027	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-339		0.000	0.045	520.443	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-34		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-340		0.000	0.006	73.976	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-341		0.000	0.007	81.021	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-342		0.000	0.015	181.064	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-343		0.000	0.017	210.161	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-344		0.000	0.047	566.022	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-345		0.000	0.048	530.198	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-346		0.000	0.006	75.114	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-347		0.000	0.007	80.561	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-348		0.000	0.019	223.009	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-349		0.000	0.014	169.678	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-35		0.000	0.046	543.133	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-350		0.000	0.046	543.131	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-351		0.000	0.052	628.188	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-352		0.000	0.009	111.455	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-353		0.000	0.009	108.810	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-354		0.000	0.006	74.899	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-355		0.000	0.007	80.685	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-356		0.000	0.015	155.255	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-357		0.000	0.018	200.767	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-358		0.000	0.003	37.231	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-359		0.000	0.003	38.918	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-36		0.000	0.017	198.945	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-360		0.000	0.007	79.775	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-361		0.000	0.006	75.046	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-362		0.000	0.007	83.582	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-363		0.000	0.006	71.437	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-364		0.000	0.043	475.639	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-365		0.000	0.047	566.013	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-366		0.000	0.015	179.803	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-367		0.000	0.018	211.209	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-368		0.000	0.007	87.615	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-369		0.000	0.006	66.939	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-37		0.000	0.016	195.419	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-370		0.000	0.020	237.076	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-371		0.000	0.017	199.772	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-372		0.000	0.006	74.712	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-373		0.000	0.007	78.735	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-374		0.000	0.009	110.591	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-375		0.000	0.009	114.474	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-376		0.000	0.048	566.017	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-377		0.000	0.016	186.796	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-38		0.000	0.006	75.613	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-388		0.000	0.017	203.320	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-389		0.000	0.006	68.624	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-389_2		0.000	0.006	66.669	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-39		0.000	0.007	80.234	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-390		0.000	0.016	188.273	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-391		0.000	0.015	176.502	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-392		0.000	0.018	221.811	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-393		0.000	0.048	566.029	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-394		0.000	0.048	566.018	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-395		0.000	0.007	78.507	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-396		0.000	0.006	76.644	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-397		0.000	0.006	74.917	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-398		0.000	0.006	75.395	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-399		0.000	0.017	199.771	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-4		0.000	0.047	566.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-40		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-400		0.000	0.017	199.772	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-401		0.000	0.006	66.347	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-402		0.000	0.007	89.218	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-403		0.000	0.016	189.024	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-404		0.000	0.017	202.000	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-405		0.000	0.047	566.019	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-406		0.000	0.045	520.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-407		0.000	0.006	73.030	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-408		0.000	0.007	82.492	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-409		0.000	0.008	94.616	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-41		0.000	0.047	515.367	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-410		0.000	0.009	105.096	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-411		0.000	0.021	230.652	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-412		0.000	0.024	278.475	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-413		0.000	0.003	40.996	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-414		0.000	0.003	37.087	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-415		0.000	0.020	211.409	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-416		0.000	0.007	83.885	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-417		0.000	0.009	108.565	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-418		0.000	0.022	254.897	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-419		0.000	0.007	86.045	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-42		0.000	0.017	201.465	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-420		0.000	0.006	67.517	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-421		0.000	0.017	199.772	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-422		0.000	0.017	199.772	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-423		0.000	0.005	64.212	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-424		0.000	0.007	87.103	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-425		0.000	0.007	79.664	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-426		0.000	0.006	73.627	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-427		0.000	0.044	475.636	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-428		0.000	0.045	497.940	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-429		0.000	0.010	117.332	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-429_2		0.000	0.006	68.328	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-43		0.000	0.016	198.457	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-430		0.000	0.018	212.337	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-431		0.000	0.012	140.853	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-432		0.000	0.016	197.707	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-433		0.000	0.016	187.076	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-434		0.000	0.012	139.625	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-435		0.000	0.005	64.675	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-436		0.000	0.008	91.485	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-437		0.000	0.015	184.769	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-438		0.000	0.017	207.174	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-439		0.000	0.006	74.621	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-44		0.000	0.047	515.956	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-440		0.000	0.007	81.946	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-441		0.000	0.006	72.546	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-442		0.000	0.006	76.854	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-443		0.000	0.015	182.611	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-444		0.000	0.017	207.694	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-445		0.000	0.006	68.333	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-446		0.000	0.005	59.296	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-447		0.000	0.043	475.643	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-448		0.000	0.035	424.507	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-449		0.000	0.003	36.917	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-45		0.000	0.037	367.265	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-450		0.000	0.003	39.951	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-451		0.000	0.015	185.003	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-452		0.000	0.017	204.773	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-453		0.000	0.006	66.907	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-454		0.000	0.005	60.457	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-455		0.000	0.045	520.428	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-456		0.000	0.066	730.142	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-457		0.000	0.003	35.838	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-458		0.000	0.003	41.225	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-459		0.000	0.005	58.899	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-46		0.000	0.016	194.998	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-460		0.000	0.006	68.163	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-461		0.000	0.011	137.471	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-462		0.000	0.012	146.233	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-463		0.000	0.023	274.274	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-464		0.000	0.031	348.206	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-465		0.000	0.004	42.873	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-466		0.000	0.003	34.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-467		0.000	0.006	67.812	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-468		0.000	0.005	58.993	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-469		0.000	0.016	189.034	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-47		0.000	0.017	200.432	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-470		0.000	0.017	200.192	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-471		0.000	0.044	497.936	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-472		0.000	0.034	390.331	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-473		0.000	0.034	390.338	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-474		0.000	0.003	39.835	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-475		0.000	0.003	37.275	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-476		0.000	0.005	65.418	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-477		0.000	0.005	61.617	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-478		0.000	0.015	181.161	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-479		0.000	0.017	209.706	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-48		0.000	0.006	74.968	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-480		0.000	0.041	431.645	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-481		0.000	0.034	390.312	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-482		0.000	0.003	41.787	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-483		0.000	0.003	34.551	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-484		0.000	0.015	182.922	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-485		0.000	0.017	206.141	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-486		0.000	0.039	409.959	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-487		0.000	0.035	410.779	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-488		0.000	0.030	321.010	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-489		0.000	0.003	39.905	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-49		0.000	0.007	81.286	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-490		0.000	0.003	37.501	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-491		0.000	0.006	69.442	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-492		0.000	0.006	70.360	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-493		0.000	0.005	61.577	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-494		0.000	0.005	65.430	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-495		0.000	0.028	306.209	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-496		0.000	0.019	225.050	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-497		0.000	0.006	71.470	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-498		0.000	0.005	56.429	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-499		0.000	0.020	234.158	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-5		0.000	0.003	37.046	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-50		0.000	0.017	206.504	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-500		0.000	0.014	170.423	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-501		0.000	0.016	188.470	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-502		0.000	0.014	170.517	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-503		0.000	0.004	47.085	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-504		0.000	0.007	81.404	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-505		0.000	0.007	71.144	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-506		0.000	0.006	77.253	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-507		0.000	0.015	175.416	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-508		0.000	0.015	167.595	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-509		0.000	0.004	44.587	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-51		0.000	0.017	207.285	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-510		0.000	0.016	189.129	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-511		0.000	0.017	190.528	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-512		0.000	0.002	21.197	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-513		0.000	0.005	65.822	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-514		0.000	0.014	169.095	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-515		0.000	0.036	424.514	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-516		0.000	0.010	116.572	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-517		0.000	0.014	168.810	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-518		0.000	0.025	296.486	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-519		0.000	0.026	308.589	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-52		0.000	0.042	506.772	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-520		0.000	0.036	424.513	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-521		0.000	0.055	656.002	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-522		0.000	0.007	89.647	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-523		0.000	0.008	97.733	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-524		0.000	0.007	78.907	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-525		0.000	0.004	48.522	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-526		0.000	0.005	64.254	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-527		0.000	0.005	62.866	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-528		0.000	0.017	199.772	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-53		0.000	0.047	566.021	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-530		0.000	0.016	188.629	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-531		0.000	0.017	210.219	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-532		0.000	0.046	520.441	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-533		0.000	0.036	424.514	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-534		0.000	0.043	475.635	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-535		0.000	0.035	424.519	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-535A		0.000	0.036	424.373	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-536		0.000	0.003	36.057	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-537		0.000	0.003	40.716	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-538		0.000	0.040	447.743	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-539		0.000	0.017	179.859	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-54		0.000	0.047	566.018	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-55		0.000	0.045	520.440	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-56		0.000	0.016	191.947	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-57		0.000	0.017	199.319	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-58		0.000	0.006	71.730	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-59		0.000	0.007	82.226	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-6		0.000	0.003	40.072	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-60		0.000	0.042	453.552	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-61		0.000	0.044	486.765	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-62		0.000	0.016	186.933	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-63		0.000	0.017	204.466	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-64		0.000	0.007	81.439	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-65		0.000	0.006	74.110	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-66		0.000	0.009	109.612	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-67		0.000	0.012	138.903	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-68		0.000	0.012	148.637	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-69		0.000	0.008	100.477	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-7		0.000	0.044	487.901	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-70		0.000	0.003	32.591	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-71		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-72		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-73		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-75		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-76		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-77		0.000	0.007	89.659	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-78		0.000	0.010	120.519	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-79		0.000	0.029	330.129	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-8		0.000	0.047	566.016	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-80		0.000	0.037	401.739	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-81		0.000	0.055	644.853	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-82		0.000	0.015	184.009	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-83		0.000	0.018	221.608	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-84		0.000	0.011	134.983	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-85		0.000	0.011	132.794	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-86		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-88		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-89		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-9		0.000	0.015	185.365	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-90		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-91		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-93		0.000	0.002	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-94		0.000	0.007	82.185	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-95		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-96		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-97		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-98		0.000	0.044	519.827	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-99		0.000	0.006	77.209	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-NJT		0.000	0.241	2863.888	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-NJT1		0.000	0.022	270.780	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-West1		0.000	0.814	9771.292	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-West2		0.000	0.742	8803.725	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-1		0.000	0.014	156.175	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-10		0.000	0.007	87.158	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-100		0.000	0.007	86.402	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-101		0.000	0.013	151.893	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-102		0.000	0.009	104.030	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-103		0.000	0.009	110.403	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-104		0.000	0.010	119.517	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-105		0.000	0.020	238.932	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-106		0.000	0.019	230.122	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-107		0.000	0.011	128.745	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-108		0.000	0.015	176.299	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-109		0.000	0.022	266.615	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-11		0.000	0.006	72.256	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-110		0.000	0.010	115.824	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-111		0.000	0.011	138.355	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-12		0.000	0.003	41.902	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-13		0.000	0.004	42.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-14		0.000	0.013	153.109	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-14A		0.000	0.005	54.415	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-15		0.000	0.024	283.005	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-16		0.000	0.024	283.011	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-17		0.000	0.024	283.008	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-18		0.000	0.003	41.935	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-19		0.000	0.004	44.340	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-2		0.000	0.009	113.398	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-20		0.000	0.024	283.011	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-21		0.000	0.004	42.633	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-22		0.000	0.004	43.312	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-23		0.000	0.024	283.551	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-24		0.000	0.026	316.644	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-25		0.000	0.003	41.320	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-26		0.000	0.004	44.899	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-27		0.000	0.007	87.069	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-28		0.000	0.003	33.156	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-29		0.000	0.001	14.084	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-3		0.000	0.010	115.071	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-30		0.000	0.003	40.078	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-31		0.000	0.011	127.578	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-32		0.000	0.011	126.715	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-33		0.000	0.008	98.648	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-34		0.000	0.011	128.198	2011-08-27 09:00:00	2011-08-27 22:00:00

H2-35		0.000	0.017	205.440	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-37		0.000	0.026	315.492	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-38		0.000	0.024	284.360	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-39		0.000	0.024	283.006	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-39A		0.000	0.002	23.791	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-39B		0.000	0.002	27.033	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-4		0.000	0.011	127.886	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-40		0.000	0.024	283.013	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-40A		0.000	0.002	27.411	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-40B		0.000	0.002	23.242	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-41		0.000	0.026	313.338	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-42		0.000	0.024	287.104	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-43		0.000	0.024	283.010	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-44		0.000	0.026	312.562	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-45		0.000	0.024	290.304	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-46		0.000	0.008	99.885	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-47		0.000	0.004	50.765	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-48		0.000	0.003	35.313	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-49		0.000	0.023	268.881	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-5		0.000	0.009	113.013	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-50		0.000	0.023	269.192	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-50A		0.000	0.023	269.418	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-51		0.000	0.003	38.277	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-52		0.000	0.003	41.161	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-53		0.000	0.007	79.026	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-54		0.000	0.004	45.950	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-55		0.000	0.008	99.884	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-56		0.000	0.008	90.546	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-57		0.000	0.010	118.517	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-58		0.000	0.009	110.795	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-59		0.000	0.004	43.775	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-6		0.000	0.002	23.632	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-60		0.000	0.007	90.254	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-61		0.000	0.001	15.890	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-62		0.000	0.003	30.415	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-63		0.000	0.023	273.609	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-64		0.000	0.031	365.420	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-65		0.000	0.009	109.693	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-66		0.000	0.009	106.481	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-67		0.000	0.013	156.930	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-68		0.000	0.006	70.571	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-69		0.000	0.007	88.459	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-7		0.000	0.001	9.548	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-70		0.000	0.025	293.252	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-71		0.000	0.048	566.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-72		0.000	0.048	566.020	2011-08-27 09:00:00	2011-08-27 22:00:00

H2-73		0.000	0.019	231.768	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-74		0.000	0.021	247.454	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-75		0.000	0.010	121.944	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-76		0.000	0.011	128.395	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-76A		0.000	0.002	19.277	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-76B		0.000	0.002	24.814	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-77		0.000	0.007	81.521	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-78		0.000	0.007	88.488	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-79		0.000	0.007	86.476	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-8		0.000	0.004	51.600	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-80		0.000	0.006	71.953	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-81		0.000	0.004	44.315	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-82		0.000	0.003	40.407	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-83		0.000	0.008	91.415	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-84		0.000	0.008	96.054	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-85		0.000	0.009	109.225	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-86		0.000	0.047	552.620	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-87		0.000	0.020	233.067	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-88		0.000	0.017	200.430	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-89		0.000	0.017	199.114	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-9		0.000	0.016	197.296	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-90		0.000	0.014	171.101	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-91		0.000	0.008	93.307	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-91A		0.000	0.002	21.126	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-91B		0.000	0.002	26.722	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-92		0.000	0.007	80.941	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-93		0.000	0.020	233.068	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-94		0.000	0.008	93.680	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-95		0.000	0.008	102.315	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-96		0.000	0.024	284.675	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-97		0.000	0.003	41.423	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-98		0.000	0.011	129.409	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-99		0.000	0.031	373.162	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-9A		0.000	0.005	58.673	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-NJT1		0.000	0.090	1080.488	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-1		0.000	0.042	455.742	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-10		0.000	0.004	43.888	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-100		0.000	0.021	222.885	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-101		0.000	0.023	275.022	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-102		0.000	0.008	90.718	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-103		0.000	0.008	100.045	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-104		0.000	0.006	75.762	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-105		0.000	0.007	78.944	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-106		0.000	0.015	180.761	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-107		0.000	0.017	208.899	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-108		0.000	0.044	486.754	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-109		0.000	0.041	431.645	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-11		0.000	0.003	35.626	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-110		0.000	0.003	40.472	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-111		0.000	0.003	37.904	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-112		0.000	0.017	209.544	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-113		0.000	0.015	180.779	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-114		0.000	0.003	41.255	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-115		0.000	0.003	36.998	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-116		0.000	0.021	220.245	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-117		0.000	0.023	265.542	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-118		0.000	0.003	40.312	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-119		0.000	0.003	36.467	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-12		0.000	0.003	39.750	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-120		0.000	0.007	90.234	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-121		0.000	0.009	107.993	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-122		0.000	0.024	283.010	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-123		0.000	0.024	282.995	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-124		0.000	0.024	283.013	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-125		0.000	0.007	83.334	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-126		0.000	0.003	36.851	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-127		0.000	0.002	18.987	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-128		0.000	0.001	16.539	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-129		0.000	0.024	283.012	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-129A		0.000	0.003	41.544	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-13		0.000	0.017	207.123	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-130		0.000	0.024	283.003	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-130A		0.000	0.007	78.544	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-131		0.000	0.021	248.400	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-132		0.000	0.019	232.628	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-133		0.000	0.004	45.414	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-134		0.000	0.003	38.898	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-135		0.000	0.024	283.011	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-136		0.000	0.022	234.300	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-137		0.000	0.026	304.114	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-138		0.000	0.002	19.435	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-139		0.000	0.001	16.334	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-14		0.000	0.015	184.053	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-140		0.000	0.001	14.127	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-141		0.000	0.001	13.818	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-142		0.000	0.004	45.803	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-143		0.000	0.003	37.903	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-144		0.000	0.001	13.598	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-145		0.000	0.020	246.790	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-146		0.000	0.019	233.544	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-147		0.000	0.007	86.000	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-148		0.000	0.006	72.962	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-149		0.000	0.029	346.938	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-15		0.000	0.041	430.969	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-150		0.000	0.015	152.975	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-151		0.000	0.009	105.047	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-152		0.000	0.018	213.660	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-153		0.000	0.008	94.995	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-154		0.000	0.010	119.400	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-155		0.000	0.008	99.127	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-156		0.000	0.017	206.322	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-157		0.000	0.006	72.340	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-158		0.000	0.007	87.235	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-16		0.000	0.003	41.410	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-17		0.000	0.003	38.258	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-18		0.000	0.044	486.762	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-19		0.000	0.003	35.087	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-2		0.000	0.045	520.445	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-20		0.000	0.004	42.766	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-21		0.000	0.016	198.537	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-22		0.000	0.016	191.080	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-23		0.000	0.036	373.826	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-24		0.000	0.044	497.940	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-25		0.000	0.003	41.317	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-26		0.000	0.003	36.236	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-27		0.000	0.016	193.623	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-28		0.000	0.016	196.641	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-29		0.000	0.039	409.965	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-2A		0.000	0.006	75.024	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-2B		0.000	0.006	78.040	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-3		0.000	0.018	213.731	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-30		0.000	0.047	566.018	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-31		0.000	0.047	566.012	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-32		0.000	0.005	56.383	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-33		0.000	0.006	71.186	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-34		0.000	0.007	83.599	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-35		0.000	0.016	194.074	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-36		0.000	0.012	140.335	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-37		0.000	0.041	431.640	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-38		0.000	0.059	651.494	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-39		0.000	0.004	43.720	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-4		0.000	0.015	185.521	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-40		0.000	0.005	64.280	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-41		0.000	0.017	205.267	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-42		0.000	0.008	95.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-42_2		0.000	0.007	90.220	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-43		0.000	0.005	60.966	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-44		0.000	0.005	63.171	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-45		0.000	0.014	166.085	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-46		0.000	0.047	566.028	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-47		0.000	0.042	453.536	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-48		0.000	0.005	59.050	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-49		0.000	0.010	125.913	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-5		0.000	0.003	33.277	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-50		0.000	0.043	475.637	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-51		0.000	0.048	522.000	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-52		0.000	0.017	205.075	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-53		0.000	0.007	79.339	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-54		0.000	0.006	75.844	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-55		0.000	0.015	184.049	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-56		0.000	0.043	372.353	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-57		0.000	0.031	343.597	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-58		0.000	0.042	453.532	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-59		0.000	0.045	520.442	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-6		0.000	0.004	45.327	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-60		0.000	0.007	81.954	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-61		0.000	0.006	72.688	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-62		0.000	0.015	177.087	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-63		0.000	0.018	213.056	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-64		0.000	0.042	510.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-64A		0.000	0.014	174.410	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-65		0.000	0.047	566.018	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-65B		0.000	0.018	215.336	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-66		0.000	0.006	74.295	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-67		0.000	0.007	81.347	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-68		0.000	0.016	190.430	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-69		0.000	0.042	453.531	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-7		0.000	0.047	566.016	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-70		0.000	0.008	91.860	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-71		0.000	0.006	70.624	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-72		0.000	0.016	187.809	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-73		0.000	0.043	370.879	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-74		0.000	0.006	74.087	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-74_2		0.000	0.006	75.630	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-75		0.000	0.011	132.673	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-76		0.000	0.003	38.841	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-77		0.000	0.003	37.982	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-78		0.000	0.046	543.141	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-79		0.000	0.042	503.852	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-8		0.000	0.044	500.406	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-80		0.000	0.006	75.179	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-81		0.000	0.007	86.475	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-82		0.000	0.039	409.957	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-83		0.000	0.043	475.643	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-84		0.000	0.007	87.243	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-85		0.000	0.006	72.545	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-86		0.000	0.011	134.767	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-87		0.000	0.043	475.636	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-88		0.000	0.044	486.776	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-89		0.000	0.003	36.450	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-9		0.000	0.003	32.817	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-90		0.000	0.015	182.033	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-91		0.000	0.017	208.094	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-92		0.000	0.040	443.333	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-93		0.000	0.042	453.535	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-94		0.000	0.018	211.607	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-95		0.000	0.015	178.985	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-96		0.000	0.007	79.039	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-97		0.000	0.006	76.217	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-98		0.000	0.016	191.434	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-99		0.000	0.016	198.236	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-1		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H4-10		0.000	0.006	60.533	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-100		0.000	0.013	143.471	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-101		0.000	0.016	168.976	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-102		0.000	0.038	385.588	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-103		0.000	0.019	154.387	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-104		0.000	0.001	12.108	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-105		0.000	0.005	56.856	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-106		0.000	0.007	71.907	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-107		0.000	0.013	140.531	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-108		0.000	0.007	57.808	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-109		0.000	0.042	453.534	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-11		0.000	0.006	68.567	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-110		0.000	0.042	453.539	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-111		0.000	0.005	51.337	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-112		0.000	0.007	73.077	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-113		0.000	0.015	163.809	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-114		0.000	0.007	73.566	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-114_2		0.000	0.007	75.411	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-115		0.000	0.042	453.528	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-116		0.000	0.042	453.524	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-117		0.000	0.006	66.003	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-118		0.000	0.005	58.573	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-119		0.000	0.015	160.143	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-12		0.000	0.003	32.473	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-120		0.000	0.014	153.290	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-121		0.000	0.042	453.533	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-122		0.000	0.038	389.293	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-123		0.000	0.005	50.546	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-124		0.000	0.007	72.252	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-125		0.000	0.015	165.976	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-126		0.000	0.014	147.919	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-127		0.000	0.040	413.036	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-128		0.000	0.038	388.495	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-129		0.000	0.007	71.912	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-13		0.000	0.003	29.682	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-130		0.000	0.005	51.259	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-131		0.000	0.015	166.203	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-132		0.000	0.014	147.274	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-133		0.000	0.042	453.536	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-134		0.000	0.036	356.426	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-135		0.000	0.007	70.124	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-136		0.000	0.005	53.842	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-137		0.000	0.014	151.699	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-138		0.000	0.015	161.408	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-139		0.000	0.042	453.535	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-14		0.000	0.007	70.791	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-140		0.000	0.040	409.962	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-141		0.000	0.006	65.579	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-142		0.000	0.005	58.152	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-143		0.000	0.014	152.666	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-144		0.000	0.015	160.427	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-145		0.000	0.041	430.743	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-145A		0.000	0.011	116.658	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-145B		0.000	0.006	63.032	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-146		0.000	0.037	377.852	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-147		0.000	0.004	46.745	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-148		0.000	0.003	27.060	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-149		0.000	0.003	36.001	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-15		0.000	0.007	72.962	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-150		0.000	0.016	173.986	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-151		0.000	0.014	145.881	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-152		0.000	0.038	388.507	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-153		0.000	0.042	453.534	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-154		0.000	0.007	77.179	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-155		0.000	0.005	52.642	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-156		0.000	0.007	72.441	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-157		0.000	0.003	34.610	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-158		0.000	0.015	161.136	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-159		0.000	0.014	151.396	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-16		0.000	0.035	335.868	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-160		0.000	0.038	388.498	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-161		0.000	0.034	336.464	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-162		0.000	0.003	27.142	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-163		0.000	0.005	55.390	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-164		0.000	0.006	69.162	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-165		0.000	0.016	168.619	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-166		0.000	0.013	144.366	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-167		0.000	0.036	356.737	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-168		0.000	0.041	411.169	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-169		0.000	0.003	27.544	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-17		0.000	0.041	442.236	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-170		0.000	0.003	33.887	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-171		0.000	0.006	65.513	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-172		0.000	0.005	58.280	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-173		0.000	0.014	151.203	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-174		0.000	0.015	161.882	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-175		0.000	0.005	58.436	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-176		0.000	0.006	66.504	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-177		0.000	0.038	388.511	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-178		0.000	0.003	33.630	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-179		0.000	0.003	28.601	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-18		0.000	0.035	337.441	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-180		0.000	0.015	160.297	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-181		0.000	0.033	315.268	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-182		0.000	0.003	32.368	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-183		0.000	0.003	30.080	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-184		0.000	0.015	161.552	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-185		0.000	0.030	320.144	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-186		0.000	0.003	27.892	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-187		0.000	0.003	34.528	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-188		0.000	0.011	119.268	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-189		0.000	0.003	33.481	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-19		0.000	0.013	136.848	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-190		0.000	0.009	100.371	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-191		0.000	0.006	53.963	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-192		0.000	0.008	82.820	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-193		0.000	0.003	32.479	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-194		0.000	0.003	36.580	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-195		0.000	0.005	57.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-196		0.000	0.005	57.348	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-197		0.000	0.001	7.222	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-198		0.000	0.002	18.893	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-199		0.000	0.003	35.562	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-2		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H4-20		0.000	0.015	160.948	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-20_2		0.000	0.012	126.728	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-200		0.000	0.003	33.238	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-201		0.000	0.005	58.538	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-202		0.000	0.008	81.028	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-203		0.000	0.040	402.031	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-204		0.000	0.018	198.726	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-205		0.000	0.014	129.637	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-206		0.000	0.014	150.409	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-207		0.000	0.009	85.486	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-208		0.000	0.006	61.659	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-209		0.000	0.005	46.685	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-21		0.000	0.008	88.606	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-210		0.000	0.030	264.585	2011-08-27 09:00:00	2011-08-27 22:02:00
H4-210A		0.000	0.035	311.463	2011-08-27 09:00:00	2011-08-27 22:02:00
H4-211		0.000	0.016	175.539	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-212		0.000	0.020	209.858	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-213		0.000	0.006	65.807	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-214		0.000	0.006	63.505	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-22		0.000	0.007	79.050	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-23		0.000	0.006	63.939	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-24		0.000	0.006	61.417	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-25		0.000	0.006	65.142	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-26		0.000	0.005	58.269	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-27		0.000	0.109	1003.786	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-28		0.000	0.009	98.509	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-29		0.000	0.008	83.452	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-3		0.000	0.003	31.627	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-30		0.000	0.040	426.855	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-31		0.000	0.004	48.071	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-32		0.000	0.006	59.847	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-33		0.000	0.173	1858.510	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-34		0.000	0.005	52.312	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-35		0.000	0.006	62.589	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-36		0.000	0.015	156.507	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-37		0.000	0.013	139.042	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-38		0.000	0.042	453.538	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-39		0.000	0.016	167.657	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-4		0.000	0.007	72.488	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-40		0.000	0.014	145.356	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-41		0.000	0.006	69.618	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-42		0.000	0.005	54.381	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-43		0.000	0.040	426.856	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-44		0.000	0.039	406.071	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-45		0.000	0.005	57.588	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-46		0.000	0.006	67.112	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-47		0.000	0.013	143.560	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-48		0.000	0.014	152.222	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-49		0.000	0.042	453.534	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-5		0.000	0.007	80.556	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-50		0.000	0.042	453.535	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-51		0.000	0.014	152.842	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-52		0.000	0.015	159.889	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-53		0.000	0.006	59.268	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-54		0.000	0.006	65.380	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-55		0.000	0.005	53.463	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-56		0.000	0.007	70.758	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-57		0.000	0.037	365.772	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-58		0.000	0.022	194.768	2011-08-27 09:00:00	2011-08-27 22:01:00
H4-59		0.000	0.005	57.480	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-6		0.000	0.012	131.338	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-60		0.000	0.006	66.833	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-61		0.000	0.014	151.992	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-62		0.000	0.013	143.864	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-63		0.000	0.042	453.539	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-64		0.000	0.042	453.535	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-65		0.000	0.006	65.804	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-66		0.000	0.005	58.514	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-67		0.000	0.015	158.781	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-68		0.000	0.014	154.044	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-69		0.000	0.004	47.959	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-7		0.000	0.038	387.611	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-70		0.000	0.007	76.013	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-71		0.000	0.022	194.768	2011-08-27 09:00:00	2011-08-27 22:01:00
H4-72		0.000	0.041	432.995	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-73		0.000	0.005	54.389	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-74		0.000	0.006	68.825	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-75		0.000	0.012	131.301	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-76		0.000	0.042	453.534	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-77		0.000	0.038	377.854	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-78		0.000	0.016	173.037	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-79		0.000	0.006	65.206	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-8		0.000	0.003	31.410	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-80		0.000	0.005	58.291	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-81		0.000	0.013	138.222	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-82		0.000	0.016	175.273	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-83		0.000	0.006	66.952	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-84		0.000	0.007	70.948	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-85		0.000	0.038	388.907	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-86		0.000	0.042	453.534	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-87		0.000	0.005	51.687	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-88		0.000	0.007	73.794	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-89		0.000	0.015	156.437	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-9		0.000	0.004	42.054	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-90		0.000	0.014	155.627	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-91		0.000	0.032	305.034	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-92		0.000	0.042	453.538	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-93		0.000	0.005	58.948	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-94		0.000	0.006	66.021	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-95		0.000	0.014	155.943	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-96		0.000	0.007	79.717	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-96_2		0.000	0.007	78.186	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-97		0.000	0.042	453.535	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-98		0.000	0.038	377.857	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-99		0.000	0.003	28.375	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-1		0.000	0.055	476.622	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-10		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-100		0.000	0.011	121.065	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-101		0.000	0.006	60.163	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-102		0.000	0.006	68.005	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-103		0.000	0.042	452.024	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-104		0.000	0.041	446.599	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-105		0.000	0.008	83.710	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-105_2		0.000	0.008	81.536	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-106		0.000	0.014	150.974	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-107		0.000	0.005	58.440	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-108		0.000	0.006	65.811	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-109		0.000	0.006	69.903	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-11		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-110		0.000	0.005	55.231	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-111		0.000	0.020	214.568	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-112		0.000	0.023	249.105	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-113		0.000	0.031	333.412	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-114		0.000	0.042	448.323	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-115		0.000	0.007	74.423	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-116		0.000	0.005	55.842	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-117		0.000	0.015	158.428	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-118		0.000	0.025	270.505	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-118A		0.000	0.002	24.132	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-118B		0.000	0.003	34.597	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-119		0.000	0.024	234.713	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-12		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-120		0.000	0.006	67.794	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-121		0.000	0.005	58.440	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-122		0.000	0.035	374.167	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-123		0.000	0.005	53.574	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-124		0.000	0.005	58.230	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-125		0.000	0.005	53.105	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-126		0.000	0.031	332.163	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-127		0.000	0.013	137.524	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-128		0.000	0.014	150.687	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-129		0.000	0.010	108.511	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-13		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-130		0.000	0.031	301.304	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-131		0.000	0.031	319.751	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-132		0.000	0.012	134.124	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-133		0.000	0.014	153.565	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-134		0.000	0.034	344.077	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-135		0.000	0.011	117.898	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-136		0.000	0.011	117.720	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-137		0.000	0.013	137.377	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-138		0.000	0.014	149.829	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-139		0.000	0.015	164.186	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-14		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-140		0.000	0.014	148.694	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-141		0.000	0.006	69.493	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-142		0.000	0.005	58.692	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-143		0.000	0.034	344.182	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-144		0.000	0.038	409.887	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-145		0.000	0.030	307.448	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-146		0.000	0.038	388.512	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-147		0.000	0.002	23.939	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-148		0.000	0.002	26.557	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-149		0.000	0.006	61.170	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-15		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-150		0.000	0.038	386.872	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-151		0.000	0.031	340.152	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-152		0.000	0.016	167.369	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-153		0.000	0.014	152.292	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-154		0.000	0.038	386.574	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-155		0.000	0.029	291.385	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-156		0.000	0.002	25.548	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-157		0.000	0.003	35.914	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-158		0.000	0.015	160.658	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-159		0.000	0.014	153.893	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-16		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-160		0.000	0.003	31.694	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-161		0.000	0.009	100.255	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-162		0.000	0.009	99.864	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-163		0.000	0.003	30.483	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-164		0.000	0.014	147.331	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-165		0.000	0.021	223.588	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-166		0.000	0.038	406.102	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-167		0.000	0.021	229.593	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-168		0.000	0.023	250.337	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-169		0.000	0.019	210.248	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-17		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-170		0.000	0.031	326.156	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-171		0.000	0.043	450.953	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-172		0.000	0.026	276.378	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-173		0.000	0.005	50.919	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-174		0.000	0.005	50.702	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-175		0.000	0.021	231.226	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-177		0.000	0.031	323.734	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-178		0.000	0.042	440.718	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-179		0.000	0.007	69.979	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-18		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-180		0.000	0.007	72.662	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-181		0.000	0.004	42.865	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-182		0.000	0.006	59.248	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-183		0.000	0.022	231.639	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-185		0.000	0.031	340.160	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-186		0.000	0.046	499.363	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-187		0.000	0.006	62.456	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-188		0.000	0.007	79.933	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-19		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-190		0.000	0.022	236.917	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-191		0.000	0.009	97.242	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-192		0.000	0.009	100.903	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-193		0.000	0.008	84.441	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-194		0.000	0.009	91.954	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-195		0.000	0.031	314.549	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-196		0.000	0.013	136.665	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-197		0.000	0.013	138.341	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-198		0.000	0.046	498.473	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-199		0.000	0.003	36.483	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-2		0.000	0.065	687.084	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-20		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-200		0.000	0.046	498.887	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-201		0.000	0.004	42.443	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-202		0.000	0.020	200.886	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-203		0.000	0.037	401.251	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-204		0.000	0.017	187.584	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-205		0.000	0.019	202.505	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-206		0.000	0.006	68.881	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-207		0.000	0.007	76.610	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-208		0.000	0.002	20.778	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-209		0.000	0.001	15.480	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-21		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-210		0.000	0.041	442.333	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-211		0.000	0.022	184.169	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-212		0.000	0.016	175.256	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-213		0.000	0.012	118.586	2011-08-27 09:00:00	2011-08-27 22:04:00
H5-214		0.000	0.018	196.652	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-215		0.000	0.011	114.641	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-216		0.000	0.013	130.353	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-217		0.000	0.007	74.475	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-218		0.000	0.007	76.893	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-219		0.000	0.006	65.023	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-22		0.000	0.003	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-220		0.000	0.011	122.102	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-221		0.000	0.007	57.775	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-222		0.000	0.005	51.760	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-223		0.000	0.004	34.314	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-224		0.000	0.036	347.201	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-225		0.000	0.041	415.643	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-226		0.000	0.041	406.055	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-227		0.000	0.016	146.414	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-228		0.000	0.006	64.980	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-229		0.000	0.005	58.788	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-23		0.000	0.007	79.122	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-230		0.000	0.016	168.507	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-231		0.000	0.045	487.551	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-232		0.000	0.006	65.991	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-233		0.000	0.006	67.615	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-234		0.000	0.043	437.064	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-235		0.000	0.045	487.549	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-236		0.000	0.012	134.521	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-237		0.000	0.020	215.606	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-238		0.000	0.019	199.607	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-239		0.000	0.018	192.085	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-24		0.000	0.005	49.985	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-240		0.000	0.019	199.300	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-241		0.000	0.018	195.368	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-242		0.000	0.005	58.231	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-243		0.000	0.006	65.607	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-244		0.000	0.018	158.686	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-245		0.000	0.035	303.722	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-246		0.000	0.027	235.816	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-247		0.000	0.039	350.729	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-248		0.000	0.048	471.449	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-248A		0.000	0.019	176.952	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-249A		0.000	0.044	427.212	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-249B		0.000	0.074	707.696	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-25		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-250		0.000	0.085	771.533	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-251A		0.000	0.066	607.386	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-251B		0.000	0.017	155.236	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-252		0.000	0.040	381.250	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-253		0.000	0.038	369.549	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-254		0.000	0.100	1008.981	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-255		0.000	0.038	389.082	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-256		0.000	0.014	120.930	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-257		0.000	0.012	101.832	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-258		0.000	0.015	123.393	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-26		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-27		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-28		0.000	0.015	160.636	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-29		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-3		0.000	0.054	570.098	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-30		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-31		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-32		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-33		0.000	0.043	451.826	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-34		0.000	0.040	426.855	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-35		0.000	0.007	80.243	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-35_2		0.000	0.007	78.445	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-36		0.000	0.007	73.243	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-36_2		0.000	0.006	67.913	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-37		0.000	0.043	455.240	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-38		0.000	0.040	426.859	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-39		0.000	0.007	75.867	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-39_2		0.000	0.007	73.327	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-4		0.000	0.019	209.553	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-40		0.000	0.014	150.148	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-41		0.000	0.040	426.852	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-42		0.000	0.013	140.003	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-43		0.000	0.015	160.552	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-44		0.000	0.205	2067.793	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-45		0.000	0.006	67.422	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-46		0.000	0.005	55.673	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-47		0.000	0.012	127.791	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-48		0.000	0.008	87.128	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-48_2		0.000	0.008	83.697	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-49		0.000	0.040	426.856	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-5		0.000	0.015	165.910	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-50		0.000	0.040	426.857	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-51		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-52		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-53		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-54		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-55		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-56		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00

H5-57		0.000	0.003	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-58		0.000	0.007	75.024	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-59		0.000	0.005	54.199	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-6		0.000	0.012	125.449	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-60		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-61		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-62		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-63		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-64		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-65		0.000	0.006	67.124	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-66		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-67		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-68		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-69		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-7		0.000	0.010	111.740	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-70		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-71		0.000	0.007	75.819	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-72		0.000	0.009	97.472	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-73		0.000	0.028	296.578	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-74		0.000	0.038	352.918	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-75		0.000	0.060	522.223	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-76		0.000	0.002	13.752	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-77		0.000	0.002	26.187	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-78		0.000	0.012	118.218	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-79		0.000	0.014	153.575	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-8		0.000	0.053	564.134	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-80		0.000	0.042	453.535	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-81		0.000	0.005	56.663	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-82		0.000	0.006	67.986	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-83		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-84		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-85		0.000	0.042	452.015	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-86		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-87		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-88		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-89		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-9		0.000	0.033	342.937	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-90		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-91		0.000	0.030	320.142	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-92		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-93		0.000	0.006	68.291	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-94		0.000	0.005	55.972	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-95		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-96		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-97		0.000	0.030	320.142	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-98		0.000	0.024	234.713	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-99		0.000	0.010	108.525	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-1		0.000	0.003	32.722	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-10		0.000	0.024	289.602	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-11		0.000	0.003	41.614	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-12		0.000	0.003	36.649	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-13		0.000	0.005	60.615	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-14		0.000	0.006	66.823	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-15		0.000	0.012	148.236	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-16		0.000	0.013	160.224	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-17		0.000	0.031	376.756	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-18		0.000	0.032	385.039	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-19		0.000	0.004	52.514	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-2		0.000	0.003	35.220	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-20		0.000	0.006	71.392	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-21		0.000	0.017	203.773	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-22		0.000	0.017	210.693	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-23		0.000	0.025	293.307	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-24		0.000	0.012	138.854	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-25		0.000	0.012	143.932	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-26		0.000	0.016	186.946	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-27		0.000	0.017	203.531	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-28		0.000	0.021	256.683	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-29		0.000	0.022	261.734	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-3		0.000	0.013	161.598	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-30		0.000	0.030	348.647	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-31		0.000	0.022	259.702	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-32		0.000	0.011	131.650	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-33		0.000	0.010	121.755	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-34		0.000	0.022	259.689	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-35		0.000	0.008	98.273	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-36		0.000	0.009	104.983	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-37		0.000	0.014	170.085	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-38		0.000	0.015	175.952	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-39		0.000	0.047	509.797	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-4		0.000	0.034	390.332	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-40		0.000	0.041	482.898	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-41		0.000	0.036	351.541	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-42		0.000	0.045	524.136	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-43		0.000	0.010	121.083	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-44		0.000	0.011	129.115	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-45		0.000	0.014	169.414	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-47		0.000	0.015	177.687	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-48		0.000	0.009	112.977	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-49		0.000	0.012	140.122	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-5		0.000	0.020	241.337	2011-08-27 09:00:00	2011-08-27 22:00:00

H6-50		0.000	0.026	266.163	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-51		0.000	0.027	305.376	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-52		0.000	0.027	303.864	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-53		0.000	0.006	71.446	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-54		0.000	0.007	83.765	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-55		0.000	0.017	209.021	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-56		0.000	0.015	181.243	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-57		0.000	0.040	448.146	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-58		0.000	0.044	497.938	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-59		0.000	0.006	68.159	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-6		0.000	0.014	170.087	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-60		0.000	0.007	86.537	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-61		0.000	0.017	201.817	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-62		0.000	0.016	189.381	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-63		0.000	0.003	38.021	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-64		0.000	0.002	28.059	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-65		0.000	0.033	400.105	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-66		0.000	0.049	547.732	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-67		0.000	0.024	292.702	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-68		0.000	0.024	260.461	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-69		0.000	0.010	120.864	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-7		0.000	0.010	121.853	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-70		0.000	0.011	132.969	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-71		0.000	0.010	119.367	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-72		0.000	0.011	127.320	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-8		0.000	0.007	80.771	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-9		0.000	0.026	311.073	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-1		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-10		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-103		0.000	0.003	28.889	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-104		0.000	0.003	26.505	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-105		0.000	0.003	28.193	2011-08-27 09:00:00	2011-08-27 22:01:00
H7-106		0.000	0.067	611.962	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-107		0.000	0.015	184.851	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-107A		0.000	0.006	71.933	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-108		0.000	0.013	162.043	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-108A		0.000	0.007	79.202	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-109		0.000	0.004	52.527	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-11		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-110		0.000	0.005	56.623	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-111		0.000	0.006	66.631	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-112		0.000	0.006	71.301	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-113		0.000	0.042	498.785	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-114		0.000	0.022	268.055	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-115		0.000	0.022	268.122	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-116		0.000	0.006	71.702	2011-08-27 09:00:00	2011-08-27 22:00:00

H7-117		0.000	0.007	88.619	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-118		0.000	0.045	533.369	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-119		0.000	0.038	439.058	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-12		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-120		0.000	0.012	142.779	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-120_2		0.000	0.012	141.770	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-121		0.000	0.024	284.062	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-122		0.000	0.038	439.352	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-123		0.000	0.016	189.149	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-124		0.000	0.015	179.222	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-125		0.000	0.038	432.779	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-126		0.000	0.003	41.594	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-127		0.000	0.003	40.296	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-128		0.000	0.015	181.593	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-129		0.000	0.017	205.270	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-13		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-130		0.000	0.012	130.041	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-131		0.000	0.016	188.531	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-132		0.000	0.018	218.354	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-133		0.000	0.037	424.663	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-134		0.000	0.039	392.343	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-135		0.000	0.014	167.494	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-136		0.000	0.016	195.746	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-137		0.000	0.005	59.133	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-138		0.000	0.006	77.583	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-139		0.000	0.009	109.384	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-14		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-140		0.000	0.011	130.782	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-141		0.000	0.037	432.839	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-142		0.000	0.022	269.879	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-143		0.000	0.021	251.266	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-144		0.000	0.037	420.271	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-145		0.000	0.008	101.810	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-146		0.000	0.009	107.687	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-147		0.000	0.010	123.506	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-148		0.000	0.024	292.707	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-149		0.000	0.011	134.172	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-15		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-150		0.000	0.018	217.927	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-151		0.000	0.046	554.900	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-154		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-155		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-156		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-157		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-16		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-17		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00

H7-66		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-67		0.000	0.172	1867.940	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-68		0.000	0.107	1206.204	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-69		0.000	0.042	499.427	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-7		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-70		0.000	0.013	153.484	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-71		0.000	0.016	191.154	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-73		0.000	0.042	367.379	2011-08-27 09:00:00	2011-08-27 22:01:00
H7-74		0.000	0.026	253.428	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-74A		0.000	0.067	787.592	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-74B		0.000	0.028	335.605	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-74C		0.000	0.039	474.963	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-76		0.000	0.003	25.513	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-77		0.000	0.003	29.548	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-78		0.000	0.042	499.429	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-79		0.000	0.042	499.215	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-8		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-80		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-81		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-82		0.000	0.013	152.599	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-83		0.000	0.016	192.103	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-84		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-85		0.000	0.045	532.934	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-86		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-87		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-88		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-89		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-9		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-90		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-91		0.000	0.037	432.837	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-92		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-93		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-94		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-95		0.000	0.042	508.753	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-96		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-97		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-98		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-99		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
HHA		0.000	0.845	10770.281	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-1		0.000	0.010	118.778	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-10		0.000	0.043	517.518	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-11		0.000	0.054	585.050	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-12		0.000	0.020	242.402	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-13		0.000	0.036	438.907	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-14A		0.000	0.041	413.606	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-15		0.000	0.046	436.207	2011-08-27 09:00:00	2011-08-27 22:00:00

HSI-16		0.000	0.059	612.655	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-2		0.000	0.009	106.428	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-3		0.000	0.008	100.658	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-4		0.000	0.009	104.809	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-5		0.000	0.018	213.718	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-6		0.000	0.016	196.275	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-7		0.000	0.006	77.737	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-8		0.000	0.004	52.935	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-9		0.000	0.034	371.890	2011-08-27 09:00:00	2011-08-27 22:00:00
JC-1		0.000	7.645	113040.294	2011-08-27 09:00:00	2011-08-27 23:06:00
Total :				508205.832		

Boundary Connections

Rainfall And Meteo Boundaries

Boundary Condition ID	Type	Connection Type	Location	Temporal variation	
BC_10	Rainfall	All catchments		Time Series	Q:\50074974\Tech\Modeling\Hoboken_Coastal_Modelling\Irene_Setup\Integration\01_Ext

MIKE URBAN Hydrology Results

Proposed DSD Alternatives: 100-Year Rainfall Event

MOUSE Runoff Computation Engine x64 v2014 Release Version (14.0.0.9034)

MOUSE Runoff Model UHM Status Report

File Overview

Working dir : C:\Projects\50074974\MIKEURBAN\ProposedAlternatives\
Hydrological data file : RO_Prop_100yrProposedAlt.mex
Sewer network data : RO_Prop_100yrProposedAlt.mex
Result File : RO_Prop_100yrProposedAlt.CRF

Time Overview

Simulation start date : 2011-08-27 09:00:00
Simulation end date : 2011-08-28 09:00:00
Simulation time step [s] : 60

Simulation Result Summary

Catchment Result Summary

Catchment runoff hydrograph summary

CatchmentID	Rain Event	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum
		[m ³ /s]	[m ³ /s]	[m ³]		
14VO-1		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-10		0.000	0.014	174.111	2011-08-27 09:00:00	2011-08-27 22:00:00
14VO-11		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-12		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-13		0.000	0.345	3499.934	2011-08-27 09:00:00	2011-08-27 22:01:00
14VO-14		0.000	0.051	627.113	2011-08-27 09:00:00	2011-08-27 22:00:00
14-VO15		0.000	0.103	1051.401	2011-08-27 09:00:00	2011-08-27 22:01:00
14VO-2		0.000	0.017	203.328	2011-08-27 09:00:00	2011-08-27 22:00:00
14VO-3		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-4		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-5		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-6		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-7		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
14VO-8		0.000	0.015	181.956	2011-08-27 09:00:00	2011-08-27 22:00:00
14VO-9		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
BASF		0.000	2.407	44544.570	2011-08-27 09:00:00	2011-08-27 23:19:00
Block 12_A4		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
Block 12_A5		0.000	0.002	26.699	2011-08-27 09:00:00	2011-08-27 22:00:00
Block_12_NN		0.000	0.009	110.107	2011-08-27 09:00:00	2011-08-27 22:00:00
BLOCK10		0.000	0.492	6330.722	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1		0.000	0.090	1107.844	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_10		0.000	0.130	1604.172	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1558_1		0.000	0.011	135.127	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1558_2		0.000	0.011	135.742	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1559_1		0.000	0.015	188.182	2011-08-27 09:00:00	2011-08-27 22:00:00

Catchment_1559_2		0.000	0.015	179.183	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1560_1		0.000	0.015	184.673	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1560_2		0.000	0.015	184.243	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1561_1		0.000	0.015	182.798	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_1561_2		0.000	0.016	192.546	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_2		0.000	0.086	1054.806	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_31		0.000	0.392	4008.304	2011-08-27 09:00:00	2011-08-27 22:01:00
Catchment_32		0.000	0.123	1508.322	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_33		0.000	0.978	10312.813	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_5		0.000	0.056	694.520	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_6		0.000	0.064	782.605	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_7		0.000	0.078	960.470	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_8		0.000	0.045	559.004	2011-08-27 09:00:00	2011-08-27 22:00:00
Catchment_9		0.000	0.207	2546.009	2011-08-27 09:00:00	2011-08-27 22:00:00
City Hall - Untreated		0.000	0.013	154.150	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-1		0.000	0.018	217.226	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-10		0.000	0.020	242.077	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-100		0.000	0.008	97.957	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-102		0.000	0.045	543.254	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-103		0.000	0.167	2045.153	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-104		0.000	0.013	163.957	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-105		0.000	0.015	188.033	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-105a		0.000	0.041	507.974	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-106		0.000	0.047	535.493	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-107		0.000	0.014	166.725	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-108		0.000	0.018	220.717	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-109		0.000	0.012	148.901	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-11		0.000	0.004	43.127	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-11_2		0.000	0.004	43.454	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-110		0.000	0.016	194.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-111		0.000	0.033	393.712	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-112		0.000	0.027	322.170	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-113		0.000	0.011	135.294	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-114		0.000	0.006	77.732	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-115		0.000	0.006	74.529	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-116		0.000	0.006	69.175	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-117		0.000	0.004	53.549	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-119		0.000	0.008	100.048	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-12		0.000	0.008	97.104	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-120		0.000	0.013	158.291	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-121		0.000	0.071	797.300	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-122		0.000	0.077	879.487	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-123		0.000	0.026	317.234	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-124		0.000	0.029	353.885	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-125		0.000	0.012	146.663	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-126		0.000	0.009	114.285	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-127		0.000	0.017	204.246	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-128		0.000	0.008	101.942	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-129		0.000	0.009	111.683	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-13		0.000	0.035	388.809	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-130		0.000	0.014	171.933	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-131		0.000	0.004	52.817	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-132		0.000	0.008	101.784	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-133		0.000	0.021	254.346	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-134		0.000	0.073	885.263	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-135		0.000	0.011	132.745	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-136		0.000	0.007	91.924	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-137		0.000	0.003	37.487	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-138		0.000	0.009	113.215	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-139		0.000	0.005	66.453	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-14		0.000	0.036	405.469	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-140		0.000	0.012	142.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-141		0.000	0.077	879.558	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-142		0.000	0.027	325.465	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-143		0.000	0.028	348.302	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-144		0.000	0.077	879.542	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-145		0.000	0.007	89.963	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-146		0.000	0.008	92.652	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-147		0.000	0.018	216.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-148		0.000	0.020	245.934	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-149		0.000	0.052	586.247	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-15		0.000	0.013	159.173	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-150		0.000	0.052	586.255	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-151		0.000	0.052	586.250	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-152		0.000	0.019	228.547	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-153		0.000	0.019	233.302	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-154		0.000	0.008	95.597	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-155		0.000	0.007	88.213	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-156		0.000	0.008	95.614	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-157		0.000	0.007	88.152	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-159		0.000	0.019	236.573	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-16		0.000	0.014	173.564	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-160		0.000	0.018	224.736	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-161		0.000	0.053	621.834	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-162		0.000	0.052	586.251	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-163		0.000	0.008	92.665	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-164		0.000	0.007	90.009	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-165		0.000	0.018	222.630	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-167		0.000	0.019	238.600	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-168		0.000	0.052	586.258	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-169		0.000	0.008	92.149	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-17		0.000	0.007	90.012	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-170		0.000	0.007	90.327	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-171		0.000	0.019	230.064	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-172		0.000	0.019	232.131	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-173		0.000	0.047	503.848	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-174		0.000	0.008	98.302	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-175		0.000	0.007	85.465	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-176		0.000	0.013	157.868	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-177		0.000	0.014	174.832	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-178		0.000	0.039	472.525	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-179		0.000	0.008	94.463	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-18		0.000	0.008	92.814	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-180		0.000	0.007	88.273	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-181		0.000	0.008	93.760	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-181_2		0.000	0.010	122.161	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-182		0.000	0.020	245.466	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-183		0.000	0.052	586.248	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-184		0.000	0.008	95.010	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-185		0.000	0.007	88.589	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-186		0.000	0.018	224.898	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-187		0.000	0.019	236.741	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-188		0.000	0.055	669.414	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-189		0.000	0.052	598.087	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-19		0.000	0.050	550.823	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-190		0.000	0.050	550.833	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-191		0.000	0.055	669.418	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-192		0.000	0.018	224.121	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-193		0.000	0.019	238.221	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-194		0.000	0.004	45.726	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-194_2		0.000	0.004	45.699	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-195		0.000	0.008	92.651	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-196		0.000	0.055	669.417	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-197		0.000	0.055	669.416	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-198		0.000	0.052	598.089	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-199		0.000	0.018	218.160	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-2		0.000	0.010	122.520	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-2_2		0.000	0.010	121.614	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-20		0.000	0.052	586.254	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-200		0.000	0.020	242.767	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-201		0.000	0.007	89.650	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-202		0.000	0.008	93.237	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-203		0.000	0.036	413.826	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-204		0.000	0.037	422.182	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-205		0.000	0.039	472.527	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-206		0.000	0.012	150.471	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-207		0.000	0.015	182.439	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-208		0.000	0.007	86.853	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-209		0.000	0.008	95.802	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-21		0.000	0.019	234.060	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-210		0.000	0.052	598.099	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-211		0.000	0.052	586.247	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-212		0.000	0.054	645.591	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-213		0.000	0.018	218.979	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-214		0.000	0.020	242.956	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-215		0.000	0.008	92.232	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-216		0.000	0.007	90.594	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-217		0.000	0.051	574.435	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-218		0.000	0.051	574.435	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-219		0.000	0.054	645.592	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-22		0.000	0.019	227.931	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-220		0.000	0.018	217.300	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-221		0.000	0.010	124.896	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-221_2		0.000	0.010	118.454	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-222		0.000	0.007	89.742	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-223		0.000	0.008	93.570	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-224		0.000	0.054	645.589	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-225		0.000	0.050	550.829	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-226		0.000	0.054	645.591	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-227		0.000	0.017	212.720	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-228		0.000	0.011	133.922	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-228_2		0.000	0.010	117.541	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-229		0.000	0.008	102.849	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-23		0.000	0.039	472.524	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-230		0.000	0.007	80.068	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-231		0.000	0.075	844.985	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-232		0.000	0.073	854.507	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-233		0.000	0.024	291.262	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-234		0.000	0.030	369.005	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-235		0.000	0.014	173.437	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-236		0.000	0.066	808.414	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-237		0.000	0.058	707.257	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-238		0.000	0.103	1171.009	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-239		0.000	0.118	1428.075	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-24		0.000	0.065	582.038	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-240		0.000	0.009	115.436	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-241		0.000	0.011	135.204	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-242		0.000	0.021	255.950	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-243		0.000	0.023	285.758	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-244		0.000	0.067	788.132	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-245		0.000	0.060	730.574	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-246		0.000	0.006	68.416	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-247		0.000	0.009	115.489	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-248		0.000	0.018	219.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-249		0.000	0.020	245.644	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-25		0.000	0.014	167.764	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-250		0.000	0.052	598.086	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-251		0.000	0.046	480.472	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-252		0.000	0.008	95.448	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-253		0.000	0.007	90.060	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-254		0.000	0.008	95.987	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-255		0.000	0.007	87.523	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-256		0.000	0.018	214.921	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-257		0.000	0.020	245.313	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-258		0.000	0.049	527.283	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-259		0.000	0.055	667.674	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-26		0.000	0.014	173.388	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-260		0.000	0.007	89.496	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-261		0.000	0.008	93.443	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-262		0.000	0.017	208.666	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-263		0.000	0.021	253.164	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-264		0.000	0.052	586.246	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-265		0.000	0.052	598.079	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-266		0.000	0.008	93.320	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-267		0.000	0.007	89.299	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-268		0.000	0.012	144.315	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-269		0.000	0.015	188.148	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-27		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-270		0.000	0.039	472.529	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-271		0.000	0.039	472.076	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-272		0.000	0.007	90.018	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-273		0.000	0.008	93.144	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-274		0.000	0.017	210.561	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-275		0.000	0.020	250.266	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-276		0.000	0.052	598.085	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-277		0.000	0.054	645.586	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-278		0.000	0.007	86.634	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-279		0.000	0.008	96.055	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-28		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-280		0.000	0.018	217.077	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-281		0.000	0.020	245.984	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-282		0.000	0.051	574.429	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-283		0.000	0.055	669.426	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-284		0.000	0.055	669.407	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-285		0.000	0.055	669.416	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-286		0.000	0.018	222.134	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-287		0.000	0.010	121.396	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-287_2		0.000	0.010	120.194	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-288		0.000	0.008	101.005	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-289		0.000	0.007	81.807	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-29		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-290		0.000	0.004	52.665	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-291		0.000	0.006	76.896	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-292		0.000	0.052	586.249	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-293		0.000	0.052	581.497	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-294		0.000	0.018	215.399	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-295		0.000	0.010	128.738	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-295_2		0.000	0.010	118.069	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-296		0.000	0.008	98.471	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-297		0.000	0.007	85.954	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-298		0.000	0.039	472.992	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-299		0.000	0.039	462.948	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-3		0.000	0.055	671.665	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-30		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-300		0.000	0.012	152.641	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-301		0.000	0.015	178.359	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-302		0.000	0.007	88.934	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-303		0.000	0.008	94.811	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-304		0.000	0.051	574.425	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-305		0.000	0.052	586.253	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-306		0.000	0.017	209.358	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-307		0.000	0.021	254.615	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-308		0.000	0.008	94.090	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-309		0.000	0.007	88.831	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-30A		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-31		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-310		0.000	0.055	671.155	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-311		0.000	0.055	669.420	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-312		0.000	0.017	207.221	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-313		0.000	0.021	253.742	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-314		0.000	0.007	89.007	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-315		0.000	0.008	93.877	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-316		0.000	0.052	598.083	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-317		0.000	0.055	669.415	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-318		0.000	0.017	210.150	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-319		0.000	0.021	251.881	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-32		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-320		0.000	0.009	106.253	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-321		0.000	0.006	76.665	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-322		0.000	0.054	659.094	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-323		0.000	0.044	541.208	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-324		0.000	0.017	203.510	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-325		0.000	0.018	217.765	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-326		0.000	0.011	130.161	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-327		0.000	0.012	148.992	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-328		0.000	0.013	153.833	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-329		0.000	0.011	133.039	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-33		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-330		0.000	0.013	163.414	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-331		0.000	0.011	133.895	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-332		0.000	0.036	411.382	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-333		0.000	0.029	351.841	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-334		0.000	0.007	84.308	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-335		0.000	0.008	99.925	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-336		0.000	0.018	217.511	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-337		0.000	0.020	244.124	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-338		0.000	0.055	669.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-339		0.000	0.053	621.816	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-34		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-340		0.000	0.007	87.487	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-341		0.000	0.008	95.818	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-342		0.000	0.017	214.133	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-343		0.000	0.020	248.544	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-344		0.000	0.055	669.418	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-345		0.000	0.056	638.561	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-346		0.000	0.007	88.832	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-347		0.000	0.008	95.275	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-348		0.000	0.022	263.738	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-349		0.000	0.016	200.667	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-35		0.000	0.054	645.586	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-350		0.000	0.054	645.585	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-351		0.000	0.061	742.940	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-352		0.000	0.011	131.810	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-353		0.000	0.010	128.682	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-354		0.000	0.007	88.578	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-355		0.000	0.008	95.420	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-356		0.000	0.018	189.659	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-357		0.000	0.021	241.800	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-358		0.000	0.004	44.031	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-359		0.000	0.004	46.025	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-36		0.000	0.019	235.280	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-360		0.000	0.008	94.345	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-361		0.000	0.007	88.752	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-362		0.000	0.008	98.847	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-363		0.000	0.007	84.484	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-364		0.000	0.051	574.428	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-365		0.000	0.055	669.407	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-366		0.000	0.017	212.641	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-367		0.000	0.020	249.783	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-368		0.000	0.008	103.616	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-369		0.000	0.006	79.164	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-37		0.000	0.019	231.109	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-370		0.000	0.023	280.383	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-371		0.000	0.019	236.264	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-372		0.000	0.007	88.357	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-373		0.000	0.008	93.115	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-374		0.000	0.011	130.789	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-375		0.000	0.011	135.381	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-376		0.000	0.055	669.412	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-377		0.000	0.018	220.912	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-38		0.000	0.007	89.422	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-388		0.000	0.020	240.453	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-389		0.000	0.007	81.157	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-389_2		0.000	0.006	78.846	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-39		0.000	0.008	94.888	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-390		0.000	0.018	222.659	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-391		0.000	0.017	208.738	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-392		0.000	0.021	262.321	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-393		0.000	0.055	669.426	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-394		0.000	0.055	669.413	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-395		0.000	0.008	92.845	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-396		0.000	0.007	90.642	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-397		0.000	0.007	88.600	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-398		0.000	0.007	89.165	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-399		0.000	0.019	236.263	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-4		0.000	0.055	669.415	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-40		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-400		0.000	0.019	236.265	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-401		0.000	0.006	78.465	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-402		0.000	0.009	105.512	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-403		0.000	0.018	223.547	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-404		0.000	0.019	238.893	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-405		0.000	0.055	669.414	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-406		0.000	0.053	621.793	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-407		0.000	0.007	86.368	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-408		0.000	0.008	97.558	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-409		0.000	0.009	111.896	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-41		0.000	0.055	620.700	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-410		0.000	0.010	124.290	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-411		0.000	0.025	280.129	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-412		0.000	0.028	331.005	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-413		0.000	0.004	48.484	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-414		0.000	0.004	43.861	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-415		0.000	0.024	258.258	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-416		0.000	0.008	99.205	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-417		0.000	0.010	128.393	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-418		0.000	0.026	304.546	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-419		0.000	0.008	101.759	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-42		0.000	0.019	238.259	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-420		0.000	0.007	79.848	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-421		0.000	0.019	236.265	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-422		0.000	0.019	236.264	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-423		0.000	0.006	75.939	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-424		0.000	0.008	103.012	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-425		0.000	0.008	94.213	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-426		0.000	0.007	87.074	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-427		0.000	0.052	574.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-428		0.000	0.052	598.090	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-429		0.000	0.011	138.761	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-429_2		0.000	0.007	80.808	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-43		0.000	0.019	234.702	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-430		0.000	0.020	251.117	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-431		0.000	0.014	166.577	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-432		0.000	0.019	233.816	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-433		0.000	0.018	221.243	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-434		0.000	0.013	165.125	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-435		0.000	0.006	76.488	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-436		0.000	0.009	108.194	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-437		0.000	0.018	218.514	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-438		0.000	0.020	245.011	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-439		0.000	0.007	88.249	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-44		0.000	0.055	621.409	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-440		0.000	0.008	96.912	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-441		0.000	0.007	85.796	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-442		0.000	0.007	90.891	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-443		0.000	0.018	215.963	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-444		0.000	0.020	245.626	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-445		0.000	0.007	80.814	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-446		0.000	0.006	70.125	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-447		0.000	0.051	574.432	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-448		0.000	0.041	502.052	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-449		0.000	0.004	43.659	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-45		0.000	0.045	457.192	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-450		0.000	0.004	47.247	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-451		0.000	0.018	218.791	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-452		0.000	0.020	242.172	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-453		0.000	0.006	79.126	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-454		0.000	0.006	71.499	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-455		0.000	0.053	621.797	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-456		0.000	0.078	879.371	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-457		0.000	0.003	42.383	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-458		0.000	0.004	48.754	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-459		0.000	0.006	69.656	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-46		0.000	0.019	230.612	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-460		0.000	0.007	80.612	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-461		0.000	0.013	162.578	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-462		0.000	0.014	172.940	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-463		0.000	0.026	324.376	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-464		0.000	0.036	418.240	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-465		0.000	0.004	50.704	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-466		0.000	0.003	40.711	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-467		0.000	0.007	80.197	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-468		0.000	0.006	69.768	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-469		0.000	0.018	223.558	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-47		0.000	0.019	237.039	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-470		0.000	0.019	236.754	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-471		0.000	0.052	598.085	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-472		0.000	0.040	466.360	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-473		0.000	0.040	466.369	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-474		0.000	0.004	47.110	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-475		0.000	0.004	44.082	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-476		0.000	0.006	77.366	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-477		0.000	0.006	72.871	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-478		0.000	0.017	214.247	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-479		0.000	0.020	248.006	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-48		0.000	0.007	88.660	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-480		0.000	0.049	527.298	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-481		0.000	0.040	466.337	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-482		0.000	0.004	49.418	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-483		0.000	0.003	40.862	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-484		0.000	0.018	216.331	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-485		0.000	0.020	243.790	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-486		0.000	0.047	503.838	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-487		0.000	0.041	488.266	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-488		0.000	0.036	392.146	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-489		0.000	0.004	47.193	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-49		0.000	0.008	96.132	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-490		0.000	0.004	44.351	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-491		0.000	0.007	82.125	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-492		0.000	0.007	83.211	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-493		0.000	0.006	72.823	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-494		0.000	0.006	77.380	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-495		0.000	0.034	371.895	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-496		0.000	0.022	266.160	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-497		0.000	0.007	84.523	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-498		0.000	0.005	66.735	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-499		0.000	0.024	279.768	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-5		0.000	0.004	43.812	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-50		0.000	0.020	244.219	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-500		0.000	0.016	201.548	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-501		0.000	0.018	222.891	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-502		0.000	0.016	201.665	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-503		0.000	0.005	55.685	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-504		0.000	0.008	96.272	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-505		0.000	0.008	86.905	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-506		0.000	0.007	91.363	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-507		0.000	0.017	207.453	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-508		0.000	0.018	202.394	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-509		0.000	0.004	52.730	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-51		0.000	0.020	245.142	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-510		0.000	0.019	225.968	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-511		0.000	0.019	227.639	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-512		0.000	0.002	25.069	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-513		0.000	0.006	77.843	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-514		0.000	0.016	199.984	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-515		0.000	0.041	502.060	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-516		0.000	0.011	137.862	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-517		0.000	0.016	199.641	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-518		0.000	0.029	350.635	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-519		0.000	0.030	364.948	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-52		0.000	0.049	599.344	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-520		0.000	0.041	502.059	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-521		0.000	0.064	775.834	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-522		0.000	0.009	106.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-523		0.000	0.009	115.583	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-524		0.000	0.008	93.318	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-525		0.000	0.005	57.384	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-526		0.000	0.006	75.989	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-527		0.000	0.006	74.348	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-528		0.000	0.019	236.264	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-53		0.000	0.055	669.416	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-530		0.000	0.018	223.080	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-531		0.000	0.020	248.612	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-532		0.000	0.053	621.813	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-533		0.000	0.041	502.060	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-534		0.000	0.051	574.423	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-535		0.000	0.041	502.067	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-535A		0.000	0.041	501.893	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-536		0.000	0.003	42.642	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-537		0.000	0.004	48.152	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-538		0.000	0.047	537.797	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-539		0.000	0.021	221.046	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-54		0.000	0.055	669.413	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-55		0.000	0.053	621.812	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-56		0.000	0.019	227.003	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-57		0.000	0.019	235.722	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-58		0.000	0.007	84.831	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-59		0.000	0.008	97.243	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-6		0.000	0.004	47.391	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-60		0.000	0.050	550.845	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-61		0.000	0.052	586.252	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-62		0.000	0.018	221.074	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-63		0.000	0.020	241.809	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-64		0.000	0.008	96.313	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-65		0.000	0.007	87.646	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-66		0.000	0.011	129.634	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-67		0.000	0.013	164.276	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-68		0.000	0.014	175.784	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-69		0.000	0.010	118.827	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-7		0.000	0.052	587.620	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-70		0.000	0.003	38.543	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-71		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-72		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-73		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-75		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-76		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-77		0.000	0.009	106.034	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-78		0.000	0.012	142.530	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-79		0.000	0.035	396.527	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-8		0.000	0.055	669.411	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-80		0.000	0.043	485.179	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-81		0.000	0.064	766.495	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-82		0.000	0.018	217.615	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-83		0.000	0.021	262.081	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-84		0.000	0.013	159.636	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-85		0.000	0.013	157.047	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-86		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-88		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-89		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-9		0.000	0.018	219.219	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-90		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-91		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-93		0.000	0.002	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-94		0.000	0.008	97.195	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-95		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-96		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-97		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H1-98		0.000	0.051	614.784	2011-08-27 09:00:00	2011-08-27 22:00:00

H1-99		0.000	0.007	91.310	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-NJT		0.000	0.280	3387.037	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-NJT1		0.000	0.026	320.235	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-West1		0.000	0.946	11556.562	2011-08-27 09:00:00	2011-08-27 22:00:00
H1-West2		0.000	0.860	10411.907	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-1		0.000	0.016	186.595	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-10		0.000	0.008	103.076	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-100		0.000	0.008	102.182	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-101		0.000	0.015	179.634	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-102		0.000	0.010	123.029	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-103		0.000	0.011	130.567	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-104		0.000	0.012	141.345	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-105		0.000	0.023	282.569	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-106		0.000	0.022	272.151	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-107		0.000	0.012	152.258	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-108		0.000	0.017	208.498	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-109		0.000	0.026	315.309	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-11		0.000	0.007	85.452	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-110		0.000	0.011	136.978	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-111		0.000	0.013	163.623	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-12		0.000	0.004	49.555	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-13		0.000	0.004	50.172	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-14		0.000	0.015	181.077	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-14A		0.000	0.005	64.353	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-15		0.000	0.027	334.701	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-16		0.000	0.027	334.708	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-17		0.000	0.027	334.705	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-18		0.000	0.004	49.594	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-19		0.000	0.004	52.439	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-2		0.000	0.011	134.113	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-20		0.000	0.027	334.709	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-21		0.000	0.004	50.419	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-22		0.000	0.004	51.222	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-23		0.000	0.027	335.337	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-24		0.000	0.031	374.475	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-25		0.000	0.004	48.866	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-26		0.000	0.004	53.099	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-27		0.000	0.008	102.971	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-28		0.000	0.003	39.212	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-29		0.000	0.001	16.657	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-3		0.000	0.011	136.088	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-30		0.000	0.004	47.398	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-31		0.000	0.012	150.883	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-32		0.000	0.012	149.862	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-33		0.000	0.010	116.669	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-34		0.000	0.012	151.615	2011-08-27 09:00:00	2011-08-27 22:00:00

H2-35		0.000	0.020	242.961	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-37		0.000	0.030	373.112	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-38		0.000	0.027	336.295	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-39		0.000	0.028	334.703	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-39A		0.000	0.002	28.136	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-39B		0.000	0.003	31.971	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-4		0.000	0.012	151.242	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-40		0.000	0.028	334.712	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-40A		0.000	0.003	32.417	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-40B		0.000	0.002	27.487	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-41		0.000	0.030	370.564	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-42		0.000	0.028	339.540	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-43		0.000	0.028	334.708	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-44		0.000	0.030	369.647	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-45		0.000	0.028	343.324	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-46		0.000	0.010	118.131	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-47		0.000	0.005	60.036	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-48		0.000	0.003	41.762	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-49		0.000	0.026	317.998	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-5		0.000	0.011	133.657	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-50		0.000	0.026	318.366	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-50A		0.000	0.026	318.633	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-51		0.000	0.004	45.268	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-52		0.000	0.004	48.678	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-53		0.000	0.008	93.459	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-54		0.000	0.004	54.342	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-55		0.000	0.010	118.130	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-56		0.000	0.009	107.086	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-57		0.000	0.011	140.162	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-58		0.000	0.011	131.030	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-59		0.000	0.004	51.770	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-6		0.000	0.002	27.948	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-60		0.000	0.009	106.737	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-61		0.000	0.002	18.792	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-62		0.000	0.003	35.969	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-63		0.000	0.027	323.589	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-64		0.000	0.036	432.171	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-65		0.000	0.011	129.726	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-66		0.000	0.010	125.929	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-67		0.000	0.015	185.596	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-68		0.000	0.007	83.460	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-69		0.000	0.009	104.615	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-7		0.000	0.001	11.292	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-70		0.000	0.029	346.820	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-71		0.000	0.055	669.415	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-72		0.000	0.055	669.416	2011-08-27 09:00:00	2011-08-27 22:00:00

H2-73		0.000	0.022	274.097	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-74		0.000	0.024	292.648	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-75		0.000	0.012	144.215	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-76		0.000	0.012	151.844	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-76A		0.000	0.002	22.798	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-76B		0.000	0.002	29.346	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-77		0.000	0.008	96.410	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-78		0.000	0.009	104.649	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-79		0.000	0.008	102.270	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-8		0.000	0.005	61.025	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-80		0.000	0.007	85.095	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-81		0.000	0.004	52.409	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-82		0.000	0.004	47.787	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-83		0.000	0.009	108.111	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-84		0.000	0.009	113.597	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-85		0.000	0.011	129.177	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-86		0.000	0.054	653.567	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-87		0.000	0.023	275.642	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-88		0.000	0.020	237.043	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-89		0.000	0.019	235.486	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-9		0.000	0.019	233.336	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-90		0.000	0.017	202.356	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-91		0.000	0.009	110.349	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-91A		0.000	0.002	24.984	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-91B		0.000	0.003	31.603	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-92		0.000	0.008	95.723	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-93		0.000	0.023	275.643	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-94		0.000	0.009	110.790	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-95		0.000	0.010	121.002	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-96		0.000	0.028	336.677	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-97		0.000	0.004	48.988	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-98		0.000	0.013	153.048	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-99		0.000	0.036	441.328	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-9A		0.000	0.006	69.389	2011-08-27 09:00:00	2011-08-27 22:00:00
H2-NJT1		0.000	0.104	1277.824	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-1		0.000	0.050	553.504	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-10		0.000	0.004	51.903	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-100		0.000	0.024	270.696	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-101		0.000	0.027	325.261	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-102		0.000	0.009	107.286	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-103		0.000	0.010	118.316	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-104		0.000	0.007	89.598	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-105		0.000	0.008	93.362	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-106		0.000	0.017	213.774	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-107		0.000	0.020	247.051	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-108		0.000	0.052	586.239	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-109		0.000	0.049	527.298	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-11		0.000	0.003	42.132	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-110		0.000	0.004	47.863	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-111		0.000	0.004	44.826	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-112		0.000	0.020	247.814	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-113		0.000	0.017	213.796	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-114		0.000	0.004	48.790	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-115		0.000	0.004	43.755	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-116		0.000	0.025	269.051	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-117		0.000	0.027	317.264	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-118		0.000	0.004	47.675	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-119		0.000	0.004	43.127	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-12		0.000	0.004	47.010	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-120		0.000	0.009	106.714	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-121		0.000	0.010	127.717	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-122		0.000	0.028	334.708	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-123		0.000	0.028	334.690	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-124		0.000	0.028	334.712	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-125		0.000	0.008	98.554	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-126		0.000	0.004	43.581	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-127		0.000	0.002	22.455	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-128		0.000	0.002	19.560	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-129		0.000	0.028	334.710	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-129A		0.000	0.004	49.131	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-13		0.000	0.020	244.951	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-130		0.000	0.028	334.700	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-130A		0.000	0.008	92.889	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-131		0.000	0.024	293.766	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-132		0.000	0.022	275.114	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-133		0.000	0.004	53.708	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-134		0.000	0.004	46.003	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-135		0.000	0.028	334.709	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-136		0.000	0.026	284.560	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-137		0.000	0.030	359.667	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-138		0.000	0.002	22.984	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-139		0.000	0.002	19.318	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-14		0.000	0.018	217.668	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-140		0.000	0.001	16.707	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-141		0.000	0.001	16.342	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-142		0.000	0.004	54.168	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-143		0.000	0.004	44.826	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-144		0.000	0.001	16.081	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-145		0.000	0.024	291.863	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-146		0.000	0.023	276.197	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-147		0.000	0.008	101.706	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-148		0.000	0.007	86.288	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-149		0.000	0.034	410.314	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-15		0.000	0.048	526.472	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-150		0.000	0.017	186.874	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-151		0.000	0.010	124.233	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-152		0.000	0.021	252.682	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-153		0.000	0.009	112.345	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-154		0.000	0.012	141.206	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-155		0.000	0.010	117.231	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-156		0.000	0.020	244.004	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-157		0.000	0.007	85.551	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-158		0.000	0.008	103.167	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-16		0.000	0.004	48.973	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-17		0.000	0.004	45.245	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-18		0.000	0.052	586.249	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-19		0.000	0.003	41.495	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-2		0.000	0.053	621.818	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-20		0.000	0.004	50.577	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-21		0.000	0.019	234.797	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-22		0.000	0.018	225.978	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-23		0.000	0.043	459.430	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-24		0.000	0.052	598.090	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-25		0.000	0.004	48.863	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-26		0.000	0.003	42.854	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-27		0.000	0.019	228.986	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-28		0.000	0.019	232.555	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-29		0.000	0.047	503.845	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-2A		0.000	0.007	88.726	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-2B		0.000	0.008	92.293	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-3		0.000	0.021	252.766	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-30		0.000	0.055	669.413	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-31		0.000	0.055	669.406	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-32		0.000	0.005	66.681	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-33		0.000	0.007	84.187	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-34		0.000	0.008	98.867	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-35		0.000	0.019	229.519	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-36		0.000	0.014	165.965	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-37		0.000	0.049	527.292	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-38		0.000	0.070	786.808	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-39		0.000	0.004	51.705	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-4		0.000	0.018	219.404	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-40		0.000	0.006	76.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-41		0.000	0.020	242.756	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-42		0.000	0.009	112.852	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-42_2		0.000	0.009	106.698	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-43		0.000	0.006	72.101	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-44		0.000	0.006	74.708	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-45		0.000	0.016	196.423	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-46		0.000	0.055	669.425	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-47		0.000	0.050	550.825	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-48		0.000	0.006	69.835	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-49		0.000	0.012	148.909	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-5		0.000	0.003	39.355	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-50		0.000	0.051	574.425	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-51		0.000	0.056	630.417	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-52		0.000	0.020	242.529	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-53		0.000	0.008	93.829	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-54		0.000	0.007	89.696	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-55		0.000	0.018	217.663	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-56		0.000	0.055	490.865	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-57		0.000	0.036	413.822	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-58		0.000	0.050	550.820	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-59		0.000	0.053	621.814	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-6		0.000	0.004	53.605	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-60		0.000	0.008	96.922	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-61		0.000	0.007	85.963	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-62		0.000	0.017	209.429	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-63		0.000	0.021	251.968	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-64		0.000	0.049	604.159	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-64A		0.000	0.017	206.263	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-65		0.000	0.055	669.413	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-65B		0.000	0.021	254.664	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-66		0.000	0.007	87.864	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-67		0.000	0.008	96.203	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-68		0.000	0.018	225.210	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-69		0.000	0.050	550.819	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-7		0.000	0.055	669.411	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-70		0.000	0.009	108.637	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-71		0.000	0.007	83.522	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-72		0.000	0.018	222.109	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-73		0.000	0.054	488.923	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-74		0.000	0.007	87.618	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-74_2		0.000	0.007	89.442	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-75		0.000	0.013	156.904	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-76		0.000	0.004	45.935	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-77		0.000	0.004	44.919	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-78		0.000	0.054	645.597	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-79		0.000	0.049	595.890	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-8		0.000	0.052	601.052	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-80		0.000	0.007	88.909	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-81		0.000	0.008	102.268	2011-08-27 09:00:00	2011-08-27 22:00:00

H3-82		0.000	0.047	503.836	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-83		0.000	0.051	574.433	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-84		0.000	0.008	103.176	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-85		0.000	0.007	85.794	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-86		0.000	0.013	159.380	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-87		0.000	0.051	574.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-88		0.000	0.052	586.265	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-89		0.000	0.004	43.107	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-9		0.000	0.003	38.810	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-90		0.000	0.018	215.279	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-91		0.000	0.020	246.099	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-92		0.000	0.047	533.943	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-93		0.000	0.050	550.824	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-94		0.000	0.020	250.254	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-95		0.000	0.017	211.674	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-96		0.000	0.008	93.475	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-97		0.000	0.007	90.137	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-98		0.000	0.018	226.397	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-99		0.000	0.019	234.441	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-1		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H4-10		0.000	0.007	73.514	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-100		0.000	0.016	174.237	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-101		0.000	0.019	205.213	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-102		0.000	0.046	476.870	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-103		0.000	0.026	213.986	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-104		0.000	0.002	16.783	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-105		0.000	0.006	69.049	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-106		0.000	0.008	87.328	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-107		0.000	0.015	170.667	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-108		0.000	0.010	80.124	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-109		0.000	0.050	550.823	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-11		0.000	0.008	83.271	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-110		0.000	0.050	550.829	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-111		0.000	0.006	62.346	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-112		0.000	0.008	88.748	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-113		0.000	0.018	198.937	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-114		0.000	0.008	89.342	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-114_2		0.000	0.008	91.582	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-115		0.000	0.050	550.815	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-116		0.000	0.050	550.810	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-117		0.000	0.007	80.157	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-118		0.000	0.006	71.134	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-119		0.000	0.018	194.484	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-12		0.000	0.004	39.437	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-120		0.000	0.017	186.163	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-121		0.000	0.050	550.821	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-122		0.000	0.046	481.451	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-123		0.000	0.006	61.385	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-124		0.000	0.008	87.746	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-125		0.000	0.018	201.569	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-126		0.000	0.016	179.640	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-127		0.000	0.048	507.619	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-128		0.000	0.046	480.465	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-129		0.000	0.008	87.333	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-13		0.000	0.003	36.047	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-130		0.000	0.006	62.251	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-131		0.000	0.018	201.844	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-132		0.000	0.016	178.856	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-133		0.000	0.050	550.825	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-134		0.000	0.044	445.204	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-135		0.000	0.008	85.161	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-136		0.000	0.006	65.388	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-137		0.000	0.017	184.230	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-138		0.000	0.018	196.021	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-139		0.000	0.050	550.824	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-14		0.000	0.008	85.971	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-140		0.000	0.047	503.841	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-141		0.000	0.007	79.642	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-142		0.000	0.006	70.622	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-143		0.000	0.017	185.405	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-144		0.000	0.018	194.830	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-145		0.000	0.048	526.196	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-145A		0.000	0.013	141.675	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-145B		0.000	0.007	76.549	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-146		0.000	0.045	468.818	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-147		0.000	0.005	56.769	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-148		0.000	0.003	32.862	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-149		0.000	0.004	43.722	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-15		0.000	0.008	88.609	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-150		0.000	0.019	211.297	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-151		0.000	0.016	177.165	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-152		0.000	0.046	480.479	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-153		0.000	0.050	550.823	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-154		0.000	0.008	93.729	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-155		0.000	0.006	63.931	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-156		0.000	0.008	87.976	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-157		0.000	0.004	42.032	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-158		0.000	0.018	195.691	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-159		0.000	0.017	183.862	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-16		0.000	0.042	422.483	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-160		0.000	0.046	480.469	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-161		0.000	0.042	423.234	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-162		0.000	0.003	32.962	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-163		0.000	0.006	67.268	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-164		0.000	0.008	83.994	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-165		0.000	0.019	204.779	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-166		0.000	0.016	175.325	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-167		0.000	0.044	445.594	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-168		0.000	0.049	510.156	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-169		0.000	0.003	33.451	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-17		0.000	0.049	538.684	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-170		0.000	0.004	41.154	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-171		0.000	0.007	79.562	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-172		0.000	0.006	70.778	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-173		0.000	0.017	183.628	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-174		0.000	0.018	196.597	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-175		0.000	0.006	70.967	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-176		0.000	0.007	80.766	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-177		0.000	0.046	480.484	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-178		0.000	0.004	40.842	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-179		0.000	0.003	34.735	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-18		0.000	0.043	424.462	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-180		0.000	0.018	194.672	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-181		0.000	0.040	399.515	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-182		0.000	0.004	39.309	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-183		0.000	0.003	36.531	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-184		0.000	0.018	196.196	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-185		0.000	0.035	388.819	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-186		0.000	0.003	33.873	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-187		0.000	0.004	41.933	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-188		0.000	0.013	144.845	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-189		0.000	0.004	40.660	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-19		0.000	0.015	166.204	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-190		0.000	0.011	121.902	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-191		0.000	0.007	68.648	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-192		0.000	0.009	100.586	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-193		0.000	0.004	39.444	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-194		0.000	0.004	44.424	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-195		0.000	0.006	70.251	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-196		0.000	0.006	69.649	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-197		0.000	0.001	8.771	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-198		0.000	0.002	22.944	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-199		0.000	0.004	43.188	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-2		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H4-20		0.000	0.018	195.463	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-20_2		0.000	0.014	153.904	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-200		0.000	0.004	40.366	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-201		0.000	0.006	71.095	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-202		0.000	0.009	98.409	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-203		0.000	0.049	502.169	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-204		0.000	0.022	241.342	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-205		0.000	0.017	164.263	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-206		0.000	0.017	182.664	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-207		0.000	0.011	108.738	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-208		0.000	0.007	74.882	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-209		0.000	0.006	59.383	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-21		0.000	0.010	107.608	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-210		0.000	0.040	364.141	2011-08-27 09:00:00	2011-08-27 22:02:00
H4-210A		0.000	0.047	425.634	2011-08-27 09:00:00	2011-08-27 22:02:00
H4-211		0.000	0.019	213.194	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-212		0.000	0.023	254.876	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-213		0.000	0.007	79.919	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-214		0.000	0.007	77.123	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-22		0.000	0.009	96.002	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-23		0.000	0.007	77.650	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-24		0.000	0.007	74.588	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-25		0.000	0.007	79.111	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-26		0.000	0.006	70.765	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-27		0.000	0.134	1276.935	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-28		0.000	0.011	119.633	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-29		0.000	0.009	101.348	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-3		0.000	0.003	38.410	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-30		0.000	0.048	518.420	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-31		0.000	0.005	58.379	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-32		0.000	0.007	72.681	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-33		0.000	0.206	2263.835	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-34		0.000	0.006	63.530	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-35		0.000	0.007	76.011	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-36		0.000	0.017	190.069	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-37		0.000	0.015	168.859	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-38		0.000	0.050	550.828	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-39		0.000	0.018	203.610	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-4		0.000	0.008	88.032	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-40		0.000	0.016	176.527	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-41		0.000	0.008	84.548	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-42		0.000	0.006	66.043	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-43		0.000	0.048	518.421	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-44		0.000	0.047	496.057	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-45		0.000	0.006	69.937	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-46		0.000	0.007	81.503	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-47		0.000	0.016	174.346	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-48		0.000	0.017	184.865	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-49		0.000	0.050	550.822	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-5		0.000	0.009	97.831	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-50		0.000	0.050	550.823	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-51		0.000	0.017	185.619	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-52		0.000	0.018	194.177	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-53		0.000	0.007	71.978	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-54		0.000	0.007	79.400	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-55		0.000	0.006	64.928	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-56		0.000	0.008	85.931	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-57		0.000	0.044	452.363	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-58		0.000	0.029	259.580	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-59		0.000	0.006	69.807	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-6		0.000	0.014	159.503	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-60		0.000	0.007	81.165	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-61		0.000	0.017	184.586	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-62		0.000	0.016	174.715	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-63		0.000	0.050	550.828	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-64		0.000	0.050	550.824	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-65		0.000	0.007	79.916	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-66		0.000	0.006	71.062	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-67		0.000	0.017	192.831	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-68		0.000	0.017	187.078	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-69		0.000	0.005	58.244	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-7		0.000	0.046	479.371	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-70		0.000	0.008	92.314	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-71		0.000	0.029	259.580	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-72		0.000	0.049	528.947	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-73		0.000	0.006	66.053	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-74		0.000	0.008	83.585	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-75		0.000	0.014	159.458	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-76		0.000	0.050	550.823	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-77		0.000	0.045	468.820	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-78		0.000	0.019	210.145	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-79		0.000	0.007	79.190	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-8		0.000	0.003	38.146	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-80		0.000	0.006	70.791	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-81		0.000	0.015	167.863	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-82		0.000	0.019	212.860	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-83		0.000	0.007	81.310	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-84		0.000	0.008	86.162	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-85		0.000	0.046	480.974	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-86		0.000	0.050	550.822	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-87		0.000	0.006	62.771	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-88		0.000	0.008	89.619	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-89		0.000	0.017	189.985	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-9		0.000	0.005	51.073	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-90		0.000	0.017	189.000	2011-08-27 09:00:00	2011-08-27 22:00:00

H4-91		0.000	0.040	388.040	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-92		0.000	0.050	550.827	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-93		0.000	0.006	71.589	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-94		0.000	0.007	80.179	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-95		0.000	0.017	189.385	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-96		0.000	0.009	96.811	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-96_2		0.000	0.009	94.952	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-97		0.000	0.050	550.823	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-98		0.000	0.045	468.824	2011-08-27 09:00:00	2011-08-27 22:00:00
H4-99		0.000	0.003	34.460	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-1		0.000	0.069	622.202	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-10		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-100		0.000	0.013	147.026	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-101		0.000	0.007	73.065	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-102		0.000	0.007	82.588	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-103		0.000	0.050	548.988	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-104		0.000	0.049	542.400	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-105		0.000	0.009	101.662	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-105_2		0.000	0.009	99.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-106		0.000	0.017	183.350	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-107		0.000	0.006	70.973	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-108		0.000	0.007	79.923	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-109		0.000	0.008	84.893	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-11		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-110		0.000	0.006	67.075	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-111		0.000	0.024	260.582	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-112		0.000	0.027	302.524	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-113		0.000	0.037	404.933	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-114		0.000	0.049	544.494	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-115		0.000	0.008	90.383	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-116		0.000	0.006	67.818	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-117		0.000	0.017	192.403	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-118		0.000	0.030	328.514	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-118A		0.000	0.003	29.307	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-118B		0.000	0.004	42.016	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-119		0.000	0.030	295.242	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-12		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-120		0.000	0.007	82.332	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-121		0.000	0.006	70.972	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-122		0.000	0.041	454.430	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-123		0.000	0.006	65.067	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-124		0.000	0.006	70.717	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-125		0.000	0.006	64.493	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-126		0.000	0.036	403.416	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-127		0.000	0.015	167.016	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-128		0.000	0.017	183.001	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-129		0.000	0.012	131.780	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-13		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-130		0.000	0.039	381.819	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-131		0.000	0.038	395.446	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-132		0.000	0.015	162.886	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-133		0.000	0.017	186.496	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-134		0.000	0.041	425.531	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-135		0.000	0.013	143.181	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-136		0.000	0.013	142.964	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-137		0.000	0.015	166.837	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-138		0.000	0.016	181.960	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-139		0.000	0.018	199.395	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-14		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-140		0.000	0.016	180.581	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-141		0.000	0.008	84.396	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-142		0.000	0.006	71.278	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-143		0.000	0.041	425.661	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-144		0.000	0.045	497.813	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-145		0.000	0.035	377.853	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-146		0.000	0.046	480.486	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-147		0.000	0.003	29.072	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-148		0.000	0.003	32.253	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-149		0.000	0.007	74.288	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-15		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-150		0.000	0.046	478.457	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-151		0.000	0.037	413.118	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-152		0.000	0.018	203.260	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-153		0.000	0.017	184.950	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-154		0.000	0.046	478.089	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-155		0.000	0.034	360.365	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-156		0.000	0.003	31.027	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-157		0.000	0.004	43.615	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-158		0.000	0.018	195.110	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-159		0.000	0.017	186.895	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-16		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-160		0.000	0.003	38.491	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-161		0.000	0.011	121.754	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-162		0.000	0.011	121.279	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-163		0.000	0.003	37.020	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-164		0.000	0.016	178.935	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-165		0.000	0.025	271.550	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-166		0.000	0.046	496.095	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-167		0.000	0.025	278.829	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-168		0.000	0.028	304.021	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-169		0.000	0.023	255.348	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-17		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-170		0.000	0.038	400.844	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-171		0.000	0.052	554.220	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-172		0.000	0.030	335.664	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-173		0.000	0.006	61.839	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-174		0.000	0.006	61.575	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-175		0.000	0.025	280.811	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-177		0.000	0.036	395.474	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-178		0.000	0.051	541.641	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-179		0.000	0.008	84.986	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-18		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-180		0.000	0.008	88.244	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-181		0.000	0.005	52.057	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-182		0.000	0.007	71.954	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-183		0.000	0.026	281.312	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-185		0.000	0.037	413.129	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-186		0.000	0.055	606.482	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-187		0.000	0.007	75.850	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-188		0.000	0.009	97.074	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-19		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-190		0.000	0.026	287.722	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-191		0.000	0.011	118.095	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-192		0.000	0.011	122.541	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-193		0.000	0.009	102.549	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-194		0.000	0.010	111.673	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-195		0.000	0.038	390.275	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-196		0.000	0.015	165.972	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-197		0.000	0.015	168.007	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-198		0.000	0.055	605.401	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-199		0.000	0.004	44.307	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-2		0.000	0.077	834.471	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-20		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-200		0.000	0.055	605.904	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-201		0.000	0.005	51.545	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-202		0.000	0.023	243.979	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-203		0.000	0.044	487.324	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-204		0.000	0.021	227.810	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-205		0.000	0.022	245.931	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-206		0.000	0.008	83.652	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-207		0.000	0.008	93.039	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-208		0.000	0.002	25.234	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-209		0.000	0.002	18.799	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-21		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-210		0.000	0.049	537.218	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-211		0.000	0.028	242.821	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-212		0.000	0.019	212.839	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-213		0.000	0.015	152.122	2011-08-27 09:00:00	2011-08-27 22:03:00
H5-214		0.000	0.022	238.823	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-215		0.000	0.013	139.225	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-216		0.000	0.016	162.808	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-217		0.000	0.009	91.524	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-218		0.000	0.008	93.383	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-219		0.000	0.007	78.967	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-22		0.000	0.003	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-220		0.000	0.013	148.287	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-221		0.000	0.009	77.432	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-222		0.000	0.006	62.859	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-223		0.000	0.004	43.480	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-224		0.000	0.045	441.681	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-225		0.000	0.050	515.707	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-226		0.000	0.050	507.196	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-227		0.000	0.019	186.237	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-228		0.000	0.007	78.914	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-229		0.000	0.006	71.394	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-23		0.000	0.009	96.089	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-230		0.000	0.019	204.642	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-231		0.000	0.054	592.136	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-232		0.000	0.007	80.142	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-233		0.000	0.007	82.115	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-234		0.000	0.052	540.531	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-235		0.000	0.054	592.134	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-236		0.000	0.015	163.368	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-237		0.000	0.024	261.842	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-238		0.000	0.022	242.412	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-239		0.000	0.021	233.277	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-24		0.000	0.006	60.704	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-240		0.000	0.022	242.039	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-241		0.000	0.022	237.264	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-242		0.000	0.006	70.719	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-243		0.000	0.007	79.676	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-244		0.000	0.023	209.222	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-245		0.000	0.045	404.790	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-246		0.000	0.035	314.287	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-247		0.000	0.050	462.426	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-248		0.000	0.059	593.029	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-248A		0.000	0.023	225.104	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-249A		0.000	0.055	541.374	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-249B		0.000	0.092	900.273	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-25		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-250		0.000	0.108	1007.191	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-251A		0.000	0.083	785.640	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-251B		0.000	0.021	200.794	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-252		0.000	0.049	483.129	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-253		0.000	0.047	468.301	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-254		0.000	0.120	1251.888	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-255		0.000	0.046	481.191	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-256		0.000	0.019	167.650	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-257		0.000	0.016	141.173	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-258		0.000	0.020	171.063	2011-08-27 09:00:00	2011-08-27 22:01:00
H5-26		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-27		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-28		0.000	0.018	195.084	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-29		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-3		0.000	0.064	692.391	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-30		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-31		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-32		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-33		0.000	0.051	548.749	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-34		0.000	0.048	518.420	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-35		0.000	0.009	97.451	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-35_2		0.000	0.009	95.267	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-36		0.000	0.008	88.950	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-36_2		0.000	0.007	82.476	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-37		0.000	0.051	552.895	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-38		0.000	0.048	518.426	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-39		0.000	0.008	92.137	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-39_2		0.000	0.008	89.052	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-4		0.000	0.023	254.490	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-40		0.000	0.017	182.347	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-41		0.000	0.048	518.417	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-42		0.000	0.015	170.026	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-43		0.000	0.018	194.981	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-44		0.000	0.248	2565.602	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-45		0.000	0.007	81.880	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-46		0.000	0.006	67.612	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-47		0.000	0.014	155.195	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-48		0.000	0.010	105.812	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-48_2		0.000	0.009	101.645	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-49		0.000	0.048	518.422	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-5		0.000	0.018	201.489	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-50		0.000	0.048	518.423	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-51		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-52		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-53		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-54		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-55		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-56		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00

H5-57		0.000	0.003	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-58		0.000	0.008	91.112	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-59		0.000	0.006	65.822	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-6		0.000	0.014	152.351	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-60		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-61		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-62		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-63		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-64		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-65		0.000	0.007	81.519	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-66		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-67		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-68		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-69		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-7		0.000	0.012	135.702	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-70		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-71		0.000	0.008	92.079	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-72		0.000	0.011	118.374	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-73		0.000	0.033	360.197	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-74		0.000	0.046	447.227	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-75		0.000	0.079	700.024	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-76		0.000	0.002	19.061	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-77		0.000	0.003	31.802	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-78		0.000	0.015	149.795	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-79		0.000	0.017	186.508	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-8		0.000	0.063	685.148	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-80		0.000	0.050	550.824	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-81		0.000	0.006	68.814	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-82		0.000	0.007	82.566	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-83		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-84		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-85		0.000	0.050	548.978	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-86		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-87		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-88		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-89		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-9		0.000	0.038	416.501	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-90		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-91		0.000	0.036	388.817	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-92		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-93		0.000	0.008	82.936	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-94		0.000	0.006	67.975	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-95		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-96		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H5-97		0.000	0.036	388.816	2011-08-27 09:00:00	2011-08-27 22:00:00
H5-98		0.000	0.030	295.242	2011-08-27 09:00:00	2011-08-27 22:00:00

H5-99		0.000	0.012	131.798	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-1		0.000	0.003	38.698	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-10		0.000	0.028	342.494	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-11		0.000	0.004	49.215	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-12		0.000	0.004	43.342	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-13		0.000	0.006	71.685	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-14		0.000	0.006	79.028	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-15		0.000	0.014	175.309	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-16		0.000	0.015	189.486	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-17		0.000	0.036	445.579	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-18		0.000	0.037	455.374	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-19		0.000	0.005	62.105	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-2		0.000	0.003	41.652	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-20		0.000	0.007	84.430	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-21		0.000	0.020	240.990	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-22		0.000	0.020	249.173	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-23		0.000	0.029	346.885	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-24		0.000	0.013	164.214	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-25		0.000	0.014	170.219	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-26		0.000	0.018	221.089	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-27		0.000	0.020	240.703	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-28		0.000	0.025	303.563	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-29		0.000	0.025	309.536	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-3		0.000	0.016	191.112	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-30		0.000	0.034	412.335	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-31		0.000	0.025	307.142	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-32		0.000	0.013	155.694	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-33		0.000	0.012	143.992	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-34		0.000	0.025	307.126	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-35		0.000	0.009	116.221	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-36		0.000	0.010	124.157	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-37		0.000	0.016	201.149	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-38		0.000	0.017	208.088	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-39		0.000	0.055	613.991	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-4		0.000	0.040	466.361	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-40		0.000	0.048	571.110	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-41		0.000	0.043	434.762	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-42		0.000	0.052	619.880	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-43		0.000	0.012	143.197	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-44		0.000	0.012	152.696	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-45		0.000	0.016	200.355	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-47		0.000	0.017	210.140	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-48		0.000	0.011	133.611	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-49		0.000	0.014	165.713	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-5		0.000	0.023	285.422	2011-08-27 09:00:00	2011-08-27 22:00:00

H6-50		0.000	0.031	327.113	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-51		0.000	0.032	366.796	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-52		0.000	0.032	364.980	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-53		0.000	0.007	84.495	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-54		0.000	0.008	99.063	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-55		0.000	0.020	247.196	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-56		0.000	0.017	214.345	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-57		0.000	0.047	538.281	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-58		0.000	0.052	598.087	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-59		0.000	0.007	80.607	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-6		0.000	0.016	201.151	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-60		0.000	0.008	102.341	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-61		0.000	0.019	238.676	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-62		0.000	0.018	223.968	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-63		0.000	0.004	44.964	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-64		0.000	0.003	33.184	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-65		0.000	0.039	473.193	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-66		0.000	0.057	657.896	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-67		0.000	0.028	346.170	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-68		0.000	0.029	316.334	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-69		0.000	0.012	142.938	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-7		0.000	0.012	144.113	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-70		0.000	0.013	157.254	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-71		0.000	0.012	141.168	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-72		0.000	0.012	150.573	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-8		0.000	0.008	95.526	2011-08-27 09:00:00	2011-08-27 22:00:00
H6-9		0.000	0.030	367.886	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-1		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-10		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-103		0.000	0.004	38.497	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-104		0.000	0.004	35.319	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-105		0.000	0.004	37.575	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-106		0.000	0.084	788.021	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-107		0.000	0.018	218.611	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-107A		0.000	0.007	85.071	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-108		0.000	0.016	191.638	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-108A		0.000	0.008	93.668	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-109		0.000	0.005	62.120	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-11		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-110		0.000	0.005	66.965	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-111		0.000	0.006	78.800	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-112		0.000	0.007	84.323	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-113		0.000	0.049	589.899	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-114		0.000	0.026	317.011	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-115		0.000	0.026	317.091	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-116		0.000	0.007	84.797	2011-08-27 09:00:00	2011-08-27 22:00:00

H7-117		0.000	0.009	104.804	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-118		0.000	0.053	630.800	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-119		0.000	0.044	519.261	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-12		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-120		0.000	0.014	168.856	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-120_2		0.000	0.014	167.662	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-121		0.000	0.027	335.942	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-122		0.000	0.044	519.609	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-123		0.000	0.018	223.694	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-124		0.000	0.017	211.955	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-125		0.000	0.043	511.835	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-126		0.000	0.004	49.191	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-127		0.000	0.004	47.655	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-128		0.000	0.018	214.759	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-129		0.000	0.020	242.759	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-13		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-130		0.000	0.014	156.620	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-131		0.000	0.018	222.964	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-132		0.000	0.021	258.234	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-133		0.000	0.043	502.237	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-134		0.000	0.046	479.287	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-135		0.000	0.016	198.084	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-136		0.000	0.019	231.496	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-137		0.000	0.006	69.932	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-138		0.000	0.007	91.752	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-139		0.000	0.011	129.362	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-14		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-140		0.000	0.013	154.667	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-141		0.000	0.043	511.906	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-142		0.000	0.026	319.169	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-143		0.000	0.024	297.156	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-144		0.000	0.042	497.043	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-145		0.000	0.010	120.404	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-146		0.000	0.010	127.354	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-147		0.000	0.012	146.063	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-148		0.000	0.028	346.176	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-149		0.000	0.013	158.677	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-15		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-150		0.000	0.021	257.728	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-151		0.000	0.054	656.263	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-154		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-155		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-156		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-157		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-16		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-17		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00

H7-66		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-67		0.000	0.202	2249.715	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-68		0.000	0.125	1441.150	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-69		0.000	0.049	590.658	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-7		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-70		0.000	0.015	181.516	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-71		0.000	0.018	226.066	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-73		0.000	0.054	489.631	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-74		0.000	0.032	319.949	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-74A		0.000	0.078	931.462	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-74B		0.000	0.032	396.898	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-74C		0.000	0.046	561.724	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-76		0.000	0.004	33.998	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-77		0.000	0.004	38.953	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-78		0.000	0.049	590.660	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-79		0.000	0.049	590.407	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-8		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-80		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-81		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-82		0.000	0.015	180.469	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-83		0.000	0.019	227.188	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-84		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-85		0.000	0.053	630.285	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-86		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-87		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-88		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-89		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-9		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-90		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-91		0.000	0.043	511.904	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-92		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-93		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-94		0.000	0.001	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-95		0.000	0.049	601.687	2011-08-27 09:00:00	2011-08-27 22:00:00
H7-96		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-97		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-98		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
H7-99		0.000	0.000	0.000	2011-08-27 09:00:00	2011-08-27 09:01:00
HHA		0.000	0.979	12615.443	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-1		0.000	0.011	140.471	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-10		0.000	0.050	612.054	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-11		0.000	0.064	710.550	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-12		0.000	0.023	286.681	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-13		0.000	0.042	519.083	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-14A		0.000	0.050	514.880	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-15		0.000	0.057	557.114	2011-08-27 09:00:00	2011-08-27 22:00:00

HSI-16		0.000	0.071	752.950	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-2		0.000	0.010	125.866	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-3		0.000	0.010	119.042	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-4		0.000	0.010	123.951	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-5		0.000	0.021	252.750	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-6		0.000	0.019	232.121	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-7		0.000	0.007	91.934	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-8		0.000	0.005	62.603	2011-08-27 09:00:00	2011-08-27 22:00:00
HSI-9		0.000	0.040	449.130	2011-08-27 09:00:00	2011-08-27 22:00:00
JC-1		0.000	9.800	144608.595	2011-08-27 09:00:00	2011-08-27 23:04:00
Total :				618341.380		

Boundary Connections

Rainfall And Meteo Boundaries

Boundary Condition ID	Type	Connection Type	Location	Temporal variation	
BC_10	Rainfall	All catchments		Time Series	Q:\50074974\Tech\Modeling\Hoboken_Coastal_Modelling\Irene_Setup\Integration\01_Ext

MIKE URBAN Hydraulic Results

Proposed DSD Alternatives: 5-Year Rainfall Event at Low Tide

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[Pumps - Discharge](#)
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File Overview

Working dir :	C:\Projects\50074974\MIKEURBAN\ProposedAlternatives\	-
Sewer network data (UND) :	2D_Prop_LT_5yrProposedAlt.MEX	7/6/2016 7:08:28 PM
Hydrological data (HGF) :	2D_Prop_LT_5yrProposedAlt.MEX	7/6/2016 7:08:28 PM
Additional parameters file (ADP) :	-	-
Dry weather flow data (DWF) :	2D_Prop_LT_5yrProposedAlt.MEX	7/6/2016 7:08:28 PM
Repetitive profile data (RPF) :	-	-
Runoff Hydrographs (CRF) :	RO_Prop_5yrProposedAlt.CRF	7/6/2016 6:57:32 PM
Hotstart file (PRF) :	-	-
Result File (PRF) :	2D_Prop_LT_5yrProposedAlt.PRF	7/6/2016 7:08:38 PM
Reduced result file (PRF) :	-	-

Time Overview

Simulation start date :	2011-08-27 09:00:00	Calculation started :	2016-07-06 19:08:37
Simulation end date :	2011-08-28 09:00:00	Calculation ended :	2016-07-07 01:28:06
Save time step [hh:mm:ss] :	0:10:00	Calculation time [hh:mm:ss] :	6:19:28
Maximum time step [sec] :	0.75	Hotstart start date :	-
Minimum time step [sec] :	0.75		

Input Summary

Number of Manholes:	845
Number of Basins:	96
Number of Outlets:	10
Number of Storage Nodes:	0
Number of Circular Pipes:	568
Number of Rectangular pipes:	325
Number of CRS defined pipes:	3
Number of Pumps:	8
Number of Controlled Pumps:	0
Number of Weirs/Orifices:	97
Number of Controlled Weirs/Gates:	0
Number of Valves:	0
Number of Controlled Valves:	0

Nodes

Min Invert Level	WWTP	-100.00 m
Max Invert Level	14VO-02-001D	45.05 m
Min Ground Level	H1-WW	0.00 m
Max Ground Level	14VO-02-001D	45.78 m
Min X Coordinate	Node_45	5.8064E05 m
Max X Coordinate	Node_79	5.8258E05 m
Min Y Coordinate	Node_62	4.5097E06 m
Max Y Coordinate	H7-GR-001	4.5124E06 m
Total Manhole Volume		4950.3 m3
Total Basin Volume		842947.9 m3

Links

Total Circular Volume	71116.2 m3
Total CRS Volume	88166.1 m3
Total Length	77685.00 m

Simulation Result Summary

Continuity Balance

1 : Start volume in Pipes, Manholes and Structures	881419.7 m3
2 : End volume in Pipes, Manholes and Structures	963389.3 m3
3 : Total inflow volume	
Specified inflows	
Runoff :	252753.4 m3
DWF :	2053.4 m3
Non-specified inflows	
Outlets (inflow) :	11.1 m3
Inflow from 2D overland :	1639.0 m3
	256456.8 m3 --> 256456.8 m3
4 : Total diverted volume	
Operational, non-specified outflows	
Outlets :	146203.2 m3
Pumps :	55301.4 m3
Flow to 2D overland :	1783.0 m3
	203287.6 m3 --> 203287.6 m3
5 : Water generated in empty parts of the system :	3606.3 m3
6 : Continuity Balance = (2-1) - (3-4+5) :	25194.1 m3
Continuity Balance max value :	25194.1 m3
Continuity Balance min value :	0.0 m3

2D overland**Inflows from 2D overland**

Manholes/basins:	1639.0 m3
Outlets:	0.0 m3
Total:	1639.0 m3

Outflows to 2D overland

Manholes/basins: 1783.0 m3
Pumps: 0.0 m3
Weirs: 0.0 m3
Outlets: 0.0 m3
Diverted Runoff: 376.6 m3
Total: 2159.6 m3

Boundary Connections

Outlet levels

Boundary Condition ID	Location	Temporal variation	Value/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
							m	m
BC_38	HWF-14-001A	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_39	5	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_40	Node_40	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_41	Node_39	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_42	Node_10	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_43	Outfall8	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_44	Outfall6	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_45	Outfall3	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_46	HWF-OB-001	Constant	-1.05	Unlimited	-	-	-1.05	-1.05

Network loads (discharges)

Boundary Condition ID	Type	Load Type	Connection Type	Location	Temporal variation	Value/pattern/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
										m3/s	
Block12_Basin 2	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin1	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin3	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
CityHall	Discharge	Storm Runoff	Individual	H1-BL-016	Time Series	CityHall_Outflow.dfs0	Unlimited	-	-	0.000	0.000
HWF-10	Discharge	DWF	Individual	H2-01-002	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-11	Discharge	DWF	Individual	H3-RI-001	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-12	Discharge	DWF	Individual	H2-HP-001A	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-13	Discharge	DWF	Individual	H2-HP-001A	Constant	0.003	Unlimited	-	-	0.003	0.003
HWF-5	Discharge	DWF	Individual	H5-HU-015	Constant	0.009	Unlimited	-	-	0.009	0.009
HWF-6	Discharge	DWF	Individual	H5-HU-020	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-7	Discharge	DWF	Individual	H3-RI-006	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-8	Discharge	DWF	Individual	H3-RI-003	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-9	Discharge	DWF	Individual	H2-RI-004	Constant	0.001	Unlimited	-	-	0.001	0.001
Total :											

Network loads (discharges), summary by Load type

Load Type	Accumulated Value
	m3
Storm Runoff	384.1
DWF	2053.4
Total :	2437.5

Network loads (discharges), summary by Temporal variation

Temporal variation	Accumulated Value
	m3
Constant	2053.4
Time Series	384.1
Total :	2437.5

Weir/Orifice-Gate/Valve Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum
	[m3/s]	[m3/s]	[m3]		
H1.4	0.000	4.465	67327.8	2011-08-27 09:00:00	2011-08-27 22:00:00
H2.4	0.000	0.779	10072.2	2011-08-27 09:00:00	2011-08-27 22:00:00
H3.4	0.000	1.030	16732.4	2011-08-27 09:00:00	2011-08-27 21:50:00
H4.4	0.000	1.432	13533.1	2011-08-27 09:00:00	2011-08-27 22:10:00
H5.4	0.000	1.431	33378.8	2011-08-27 09:00:00	2011-08-27 22:00:00
H5_WW_Weir	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
H6.4	0.000	0.657	7510.5	2011-08-27 09:00:00	2011-08-27 22:00:00
H7.4	-0.064	0.017	-589.2	2011-08-27 22:00:00	2011-08-28 01:40:00
HS1.3	0.000	0.204	1541.2	2011-08-27 09:00:00	2011-08-27 21:10:00
Weir_100	-0.082	0.057	-44.9	2011-08-27 20:50:00	2011-08-27 22:30:00
Weir_101	-0.046	0.067	28.6	2011-08-27 21:30:00	2011-08-27 23:10:00
Weir_103	-0.033	0.068	3.9	2011-08-27 22:00:00	2011-08-27 22:30:00
Weir_107	-0.007	0.011	29.8	2011-08-27 21:10:00	2011-08-27 21:20:00
Weir_110	-0.049	0.089	8.8	2011-08-27 21:40:00	2011-08-27 22:50:00
Weir_111	-0.044	0.021	0.6	2011-08-27 21:30:00	2011-08-27 22:10:00
Weir_113	0.000	0.004	22.2	2011-08-27 09:00:00	2011-08-27 22:10:00
Weir_116	0.000	0.004	20.9	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_118	0.000	0.003	18.8	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_119	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
Weir_120	-0.061	0.069	0.7	2011-08-27 20:50:00	2011-08-27 22:30:00
Weir_121	-0.051	0.073	17.0	2011-08-27 22:00:00	2011-08-27 22:50:00
Weir_123	-0.021	0.055	34.5	2011-08-27 22:00:00	2011-08-27 22:20:00
Weir_125	-0.015	0.030	12.7	2011-08-27 22:00:00	2011-08-27 22:20:00
Weir_129	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
Weir_69	-0.039	0.067	21.0	2011-08-27 21:30:00	2011-08-27 22:30:00
Weir_70	-0.002	0.017	55.8	2011-08-27 21:50:00	2011-08-27 22:10:00
Weir_73	-0.060	0.098	36.0	2011-08-27 21:30:00	2011-08-27 22:40:00
Weir_75	-0.041	0.006	-8.9	2011-08-27 21:20:00	2011-08-27 22:10:00
Weir_76	0.000	0.006	38.6	2011-08-27 09:00:00	2011-08-27 22:10:00
Weir_77	-0.084	0.130	9.7	2011-08-27 21:30:00	2011-08-27 22:40:00
Weir_81	-0.066	0.108	2.3	2011-08-27 21:30:00	2011-08-27 22:40:00
Weir_82	-0.058	0.120	66.4	2011-08-27 21:40:00	2011-08-27 22:40:00
Weir_83	-0.043	0.054	56.6	2011-08-27 21:30:00	2011-08-27 22:50:00
Weir_84	-0.091	0.138	23.0	2011-08-27 21:30:00	2011-08-27 23:30:00
Weir_85	-0.065	0.099	-24.4	2011-08-27 21:40:00	2011-08-27 23:10:00
Weir_87	-0.024	0.095	42.6	2011-08-27 21:30:00	2011-08-27 22:20:00

Weir_88	-0.034	0.059	15.9	2011-08-27 21:00:00	2011-08-27 22:10:00
Weir_89	-0.027	0.098	6.5	2011-08-27 21:30:00	2011-08-27 22:20:00
Weir_91	0.000	0.000	8.6	2011-08-27 09:00:00	2011-08-28 05:00:00
Weir_94	-0.013	0.039	23.6	2011-08-27 22:00:00	2011-08-27 22:10:00
Weir_99	-0.089	0.080	-38.6	2011-08-27 21:00:00	2011-08-27 22:40:00
Weir_B10	-0.347	0.467	1131.7	2011-08-27 21:10:00	2011-08-27 23:50:00
Weir_BASF	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
Weir_CLA-PS	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
Weir_HHA	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
Weir_T15-MAD	-0.020	0.005	9.6	2011-08-27 21:30:00	2011-08-27 22:10:00
Weir_T16-MAD	-0.046	0.035	9.7	2011-08-27 21:10:00	2011-08-27 22:20:00
Weir_T1-HAR	0.000	0.005	44.2	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_T2-2ST	-0.074	0.075	-12.8	2011-08-27 20:50:00	2011-08-27 22:40:00
Weir_T2-6ST	-0.027	0.082	22.1	2011-08-27 21:40:00	2011-08-27 22:20:00
Weir_T2-7ST	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
Weir_T2-BLM	0.000	0.006	35.4	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_T3-4ST	-0.019	0.079	23.2	2011-08-27 21:40:00	2011-08-27 22:20:00
Weir_T3-6ST	-0.042	0.057	-6.3	2011-08-27 21:00:00	2011-08-27 22:20:00
Weir_T3-ADM	-0.025	0.004	11.0	2011-08-27 21:50:00	2011-08-27 22:10:00
Weir_T3-GND	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
Weir_T3-OBS	-0.007	0.060	140.4	2011-08-27 21:50:00	2011-08-27 22:10:00
Weir_T4-5ST	-0.038	0.095	10.9	2011-08-27 21:40:00	2011-08-27 22:30:00
Weir_T4-6ST	-0.075	0.094	-49.4	2011-08-27 21:00:00	2011-08-27 22:50:00
Weir_T5-GND	-0.012	0.059	13.3	2011-08-27 22:00:00	2011-08-27 22:10:00
Weir_T5-JEF	0.000	0.000	2.4	2011-08-27 09:00:00	2011-08-28 06:00:00
Weir_T6-ADM	0.000	0.008	65.2	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_T6-JEF	0.000	0.007	43.7	2011-08-27 09:00:00	2011-08-27 21:50:00
Weir_T6-MON	-0.035	0.010	27.3	2011-08-27 21:30:00	2011-08-27 22:10:00
Weir_T7-JEF	-0.063	0.116	21.3	2011-08-27 21:40:00	2011-08-27 22:40:00
Weir_T8-ADM	-0.006	0.039	85.9	2011-08-27 22:00:00	2011-08-27 22:10:00
Weir_T8-JEF	-0.036	0.100	39.2	2011-08-27 21:40:00	2011-08-27 22:30:00
Weir_T9-MAD	-0.037	0.018	14.0	2011-08-27 21:20:00	2011-08-27 22:10:00
Weir_TD1-WIL	-0.028	0.002	18.7	2011-08-27 21:20:00	2011-08-27 21:30:00
Weir_TD23-CLA	0.000	0.011	27.6	2011-08-27 22:00:00	2011-08-27 22:10:00
Weir_TD25-WIL	0.000	0.007	58.9	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_TD31-CLA	0.000	0.001	12.2	2011-08-27 09:00:00	2011-08-27 23:00:00
Weir_TD6-WIL	-0.001	0.015	19.0	2011-08-27 22:00:00	2011-08-27 22:10:00
H1.1	-0.116	0.055	-449.8	2011-08-27 22:00:00	2011-08-27 17:40:00
H1-WW.1	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
H2.1	-0.019	0.031	273.6	2011-08-28 01:30:00	2011-08-27 20:40:00
H2-WW.2	-0.019	0.031	11.1	2011-08-28 01:30:00	2011-08-27 20:40:00
H3.1	0.000	0.109	5198.3	2011-08-27 09:00:00	2011-08-27 21:50:00
H3-WW.2	0.000	0.178	7161.0	2011-08-27 15:10:00	2011-08-27 21:40:00
H4.1	0.000	0.103	4036.2	2011-08-27 09:00:00	2011-08-27 21:50:00
H4-WW.1	0.000	0.103	3162.6	2011-08-27 09:00:00	2011-08-27 21:50:00
H5.1	0.000	0.154	7524.0	2011-08-27 09:00:00	2011-08-27 10:30:00

H5-WW.1	0.000	0.118	5195.1	2011-08-27 09:00:00	2011-08-27 10:30:00
H6.1	-0.010	0.025	638.3	2011-08-27 10:50:00	2011-08-27 20:30:00
H6-WW.2	-0.001	0.030	873.2	2011-08-27 11:20:00	2011-08-27 20:30:00
H7.1	-0.015	0.064	469.5	2011-08-28 01:40:00	2011-08-27 22:00:00
H7-WW.2	-0.003	0.015	129.7	2011-08-28 01:40:00	2011-08-27 22:00:00
Orifice_13	0.000	0.759	10016.0	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_3	0.000	2.607	39683.6	2011-08-27 09:00:00	2011-08-27 23:20:00
Orifice_5	-0.067	0.326	7243.7	2011-08-27 21:40:00	2011-08-27 22:30:00
Orifice_7	0.000	0.105	1179.2	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_8	0.000	1.637	20914.4	2011-08-27 09:00:00	2011-08-27 21:40:00
Orifice_9	0.000	0.183	1829.3	2011-08-27 09:00:00	2011-08-27 22:10:00
Orifice_B10	-0.062	0.043	611.6	2011-08-27 20:40:00	2011-08-28 01:20:00
Orifice_BASF	0.000	0.117	4498.3	2011-08-27 09:00:00	2011-08-28 06:40:00
Orifice_HHA	0.000	0.096	3978.5	2011-08-27 09:00:00	2011-08-27 23:40:00
outfall5-tg	0.000	2.345	21491.2	2011-08-27 09:00:00	2011-08-27 22:10:00

Pumps - Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum	Pump starts	Dry stops (1)	Speed	Operation total	Operation above dH or H range of RPMmax curve
	[m3/s]	[m3/s]	[m3]			[Count]	[Count]		[Hr:Min:Sec]	[Hr:Min:Sec]
11PS.3	0.000	0.173	14519.7	2011-08-27 09:00:00	2011-08-27 22:00:00	16	0	Constant	23:19:11	-
5PS.3	0.000	0.440	20106.0	2011-08-27 09:00:00	2011-08-27 15:30:00	1	0	Variable	17:30:36	-
5PS.4	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Variable	0:00:00	-
CLA-PS.1	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Constant	0:00:00	-
H1-WW.3	0.000	2.650	55301.4	2011-08-27 09:00:00	2011-08-27 20:30:00	828	0	Constant	7:56:31	-
H5PS	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Constant	0:00:00	-
Pump_BASF	0.000	0.566	4501.8	2011-08-27 09:00:00	2011-08-28 00:50:00	310	10	Constant	3:04:15	-
Pump_HHA	0.000	0.316	3981.8	2011-08-27 09:00:00	2011-08-28 05:00:00	445	16	Constant	4:44:17	-

(1) : Pump stops due to dry pump well.

Warning: Dry stops occurred during the simulation. Insufficient volume below the stop level to let the pump decelerate normally.

Recommended: Check pump well volume, pump curve, acceleration-/deceleration time, start/stop conditions and other input data.

Links - Result summary

LinkID	From Node	To Node	Qf	Hmax	Qmax	Hmax/D	Qmax/Qf	Flow - Accumulated	Ti
			[m3/s]	[m]	[m3/s]			[m3]	
14VO-02-001D_14VO-MA-001B	14VO-02-001D	14VO-MA-001B	0.282	45.29	0.112	0.989	0.397	1023.4	2011-08-27 10:30:00
14VO-14-001_14VO-14-002	14VO-14-001	14VO-14-002	0.164	25.50	0.014	1.180	0.086	123.0	2011-08-27 10:50:00
14VO-14-001_14VO-14-005	14VO-14-001	14VO-14-005	0.228	25.46	0.020	1.109	0.088	191.7	2011-08-27 11:20:00
14VO-14-001C_14VO-14-001	14VO-14-001C	14VO-14-001	0.246	29.18	0.034	0.402	0.140	315.1	2011-08-27 22:00:00
14VO-14-002_14VO-14-006	14VO-14-002	14VO-14-006	0.226	25.27	0.147	2.994	0.649	1409.3	2011-08-27 22:00:00
14VO-14-005_14VO-14-007	14VO-14-005	14VO-14-007	0.061	1.33	0.033	1.095	0.551	346.3	2011-08-28 01:40:00
14VO-14-006_14VO-14-007	14VO-14-006	14VO-14-007	0.078	1.82	0.153	2.154	1.956	1496.8	2011-08-27 22:10:00

14VO-14-007_HWF-14-001A	Node_79	HWF-14-001A	0.659	-0.90	0.183	0.358	0.277	1829.3	2011-08-2
14VO-MA-001_14VO-14-002	14VO-MA-001	14VO-14-002	0.180	41.49	0.112	1.180	0.622	1016.4	2011-08-2
14VO-MA-001B_14VO-MA-001	14VO-MA-001B	14VO-MA-001	0.123	44.81	0.111	1.128	0.902	1019.6	2011-08-2
B10-MH_H1-OB-122A	B10-MH	H1-OB-122A	0.867	0.75	0.467	3.118	0.539	1737.2	2011-08-2
B10-STOR-A_B10-MH	B10-STOR-A	B10-MH	0.718	0.68	0.467	2.619	0.650	1741.6	2011-08-2
BASF-FM	BASF-FM	BASF-OF	0.000	0.49	0.128	0.811		4403.2	2011-08-2
Dummy_H5Weir	Node_89	Dummy_H5Weir	0.000	3.00	0.000	0.005		0.0	2011-08-2
DUMMY-B10	DUMMY-B10	B10-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-BASF	DUMMY-BASF	BASF-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-BASF-2	DUMMY-BASF-2	BASF-WW	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-CLA-PS	CLA-PS-DUMMY	CLA-PS	0.000	-1.21	0.000	0.002		0.0	2011-08-2
DUMMY-HHA	DUMMY-HHA	HHA-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-HHA-2	DUMMY-HHA-2	HHA-WW	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-T10-MAD	T10-MAD	T10-MAD-WEIR-DUMMY	0.000	0.63	0.073	1.429		24.2	2011-08-2
DUMMY-T11-MAD	T11-MAD	T11-MAD-WEIR-DUMMY	0.000	0.70	0.069	1.225		16.2	2011-08-2
DUMMY-T15-MAD	T15-MAD	T15-MAD-WEIR-DUMMY	0.000	0.90	-0.009	0.951		27.8	2011-08-2
DUMMY-T16-MAD	T16-MAD	T16-MAD-WEIR-DUMMY	0.000	0.89	0.034	1.100		23.4	2011-08-2
DUMMY-T1-GAR	T1-GAR	T1-GAR-WEIR-DUMMY	0.000	1.46	0.002	0.923		27.4	2011-08-2
DUMMY-T1-HAR	T1-HAR	T1-HAR-WEIR-DUMMY	0.000	0.71	0.006	1.002		49.9	2011-08-2
DUMMY-T2-4ST	T2-4ST	T2-4ST-WEIR-DUMMY	0.000	0.86	0.095	1.234		48.2	2011-08-2
DUMMY-T2-5ST	T2-5ST	T2-5ST-WEIR-DUMMY	0.000	0.91	0.039	1.116		31.4	2011-08-2
DUMMY-T2-6ST	T2-6ST	T2-6ST-WEIR-DUMMY	0.000	0.89	0.082	1.170		29.2	2011-08-2
DUMMY-T2-7ST	T2-7ST	T2-7ST-WEIR-DUMMY	0.000	0.19	0.001	0.571		11.5	2011-08-2
DUMMY-T2-BLM	T2-BLM	T2-BLM-WEIR-DUMMY	0.000	2.58	0.006	0.858		50.8	2011-08-2
DUMMY-T2-JAC	T2-JAC	T2-JAC-WEIR-DUMMY	0.000	0.71	0.004	1.025		28.2	2011-08-2
DUMMY-T2-MON	T2-MON	T2-MON-WEIR-DUMMY	0.000	0.73	0.054	1.174		41.6	2011-08-2
DUMMY-T3-4ST	T3-4ST	T3-4ST-WEIR-DUMMY	0.000	0.90	0.078	1.172		30.5	2011-08-2
DUMMY-T3-6ST	T3-6ST	T3-6ST-WEIR-DUMMY	0.000	0.89	0.056	1.129		4.9	2011-08-2
DUMMY-T3-ADM	T3-ADM	T3-ADM-WEIR-DUMMY	0.000	0.74	-0.014	0.903		20.1	2011-08-2
DUMMY-T3-GND	T3-GND	T3-GND-WEIR-DUMMY	0.000	-0.58	0.000	0.003		0.0	2011-08-2
DUMMY-T3-JAC	T3-JAC	T3-JAC-WEIR-DUMMY	0.000	0.71	0.067	1.130		17.2	2011-08-2
DUMMY-T4-4ST	T4-4ST	T4-4ST-WEIR-DUMMY	0.000	0.76	0.099	1.199		2.5	2011-08-2
DUMMY-T4-5ST	T4-5ST	T4-5ST-WEIR-DUMMY	0.000	0.88	0.095	1.185		22.2	2011-08-2
DUMMY-T4-6ST	T4-6ST	T4-6ST-WEIR-DUMMY	0.000	0.84	0.094	1.159		-18.8	2011-08-2
DUMMY-T4-GND	T4-GND	T4-GND-WEIR-DUMMY	0.000	0.80	0.004	0.789		26.6	2011-08-2
DUMMY-T5-5ST	T5-5ST	T5-5ST-WEIR-DUMMY	0.000	0.83	0.065	1.181		49.2	2011-08-2
DUMMY-T5-9ST	T5-9ST	T5-9ST-WEIR-DUMMY	0.000	0.81	0.001	0.833		12.9	2011-08-2
DUMMY-T5-GND	T5-GND	T5-GND-WEIR-DUMMY	0.000	0.91	0.059	1.070		29.4	2011-08-2
DUMMY-T5-JAC	T5-JAC	T5-JAC-WEIR-DUMMY	0.000	0.70	0.138	1.287		44.2	2011-08-2
DUMMY-T5-JEF	T5-JEF	T5-JEF-WEIR-DUMMY	0.000	0.78	0.002	0.858		17.8	2011-08-2
DUMMY-T6-4ST	T6-4ST	T6-4ST-WEIR-DUMMY	0.000	0.83	0.054	1.257		63.7	2011-08-2
DUMMY-T6-5ST	T6-5ST	T6-5ST-WEIR-DUMMY	0.000	0.86	0.079	1.117		-5.4	2011-08-2
DUMMY-T6-ADM	T6-ADM	T6-ADM-WEIR-DUMMY	0.000	0.71	0.008	0.763		70.7	2011-08-2
DUMMY-T6-GND	T6-GND	T6-GND-WEIR-DUMMY	0.000	0.91	0.009	1.044		38.9	2011-08-2
DUMMY-T6-JEF	T6-JEF	T6-JEF-WEIR-DUMMY	0.000	0.73	0.007	0.913		55.2	2011-08-2
DUMMY-T6-MON	T6-MON	T6-MON-WEIR-DUMMY	0.000	0.71	-0.018	1.013		43.1	2011-08-2

DUMMY-T7-5ST	T7-5ST	T7-5ST-WEIR-DUMMY	0.000	0.84	0.057	1.183		-24.4	2011-08-21
DUMMY-T7-MON	T7-MON	T7-MON-WEIR-DUMMY	0.000	0.87	0.088	1.178		27.4	2011-08-21
DUMMY-T8-ADM	T8-ADM	T8-ADM-WEIR-DUMMY	0.000	0.92	0.039	1.100		95.4	2011-08-21
DUMMY-T8-MAD	T8-MAD	T8-MAD-WEIR-DUMMY	0.000	0.72	0.029	1.140		20.6	2011-08-21
DUMMY-T9-ADM	T9-ADM	T9-ADM-WEIR-DUMMY	0.000	0.82	0.120	1.215		84.7	2011-08-21
DUMMY-T9-MAD	T9-MAD	T9-MAD-WEIR-DUMMY	0.000	0.72	-0.020	1.037		22.9	2011-08-21
DUMMY-TD12-13ST	TD12-13ST	Node_378	0.000	0.38	0.001	0.557		11.2	2011-08-21
DUMMY-TD14-CLA	TD14-CLA	TD14-CLA-WEIR-DUMMY	0.000	0.87	0.059	1.120		24.9	2011-08-21
DUMMY-TD1-4ST	TD1-4ST	TD1-4ST-WEIR-DUMMY	0.000	0.86	0.098	1.264		12.3	2011-08-21
DUMMY-TD1-WIL	TD1-WIL	TD1-WIL-WEIR-DUMMY	0.000	0.87	-0.016	1.063		26.5	2011-08-21
DUMMY-TD23-CLA	TD23-CLA	TD23-CLA-WEIR-DUMMY	0.000	0.91	0.007	1.025		35.1	2011-08-21
DUMMY-TD25-WIL	TD25-WIL	TD25-WIL-WEIR-DUMMY	0.000	0.67	0.007	0.786		64.5	2011-08-21
DUMMY-TD30-CLA	TD30-CLA	TD30-CLA-WEIR-DUMMY	0.000	0.93	0.003	0.774		24.4	2011-08-21
DUMMY-TD31-CLA	TD31-CLA	TD31-CLA-WEIR-DUMMY	0.000	1.97	0.002	0.871		23.5	2011-08-21
DUMMY-TD6-WIL	TD6-WIL	TD6-WIL-WEIR-DUMMY	0.000	0.88	0.010	1.021		26.4	2011-08-21
H1 REGULATOR_H2-INT-001A	H1-IC	H2-INT-001A	1.155	-0.12	-0.116	1.638	-0.100	-464.7	2011-08-21
H1_Outfall	H1-OB-008	H1	0.000	-0.17	4.350	1.100		66916.1	2011-08-21
H1-01-005_H1-01-021	H1-01-005	H1-01-021	0.000	0.52	0.007	1.531		79.3	2011-08-21
H1-01-006_H1-01-006A	H1-01-006	H1-01-006A	1.471	0.79	0.032	1.609	0.022	141.3	2011-08-21
H1-01-006A_H1-01-010	H1-01-006A	H1-01-010	0.366	0.79	-0.103	1.642	-0.282	513.3	2011-08-21
H1-01-007_H1-01-006	H1-01-007	H1-01-006	2.782	0.79	0.007	1.748	0.003	79.0	2011-08-21
H1-01-010_H1-WI-019	H1-01-010	H1-WI-019	3.185	0.75	0.697	1.898	0.219	13127.7	2011-08-21
H1-01-021_H1-GA-018	H1-01-021	H1-GA-018	1.018	0.52	0.599	1.615	0.589	5084.6	2011-08-21
H1-01-029_H1-01-010	H1-01-029	H1-01-010	0.588	0.79	0.521	2.092	0.885	9156.6	2011-08-21
H1-01-033_H1-01-029	H1-01-033	H1-01-029	1.529	0.80	0.514	2.185	0.336	8955.0	2011-08-21
H1-01-033_H1-NE-011	H1-01-033	H1-NE-011	0.411	0.79	0.317	3.054	0.770	4566.6	2011-08-21
H1-01-034_H1-01-033	H1-01-034	H1-01-033	3.906	0.80	0.445	2.366	0.114	5282.7	2011-08-21
H1-01-075_H1-01-034	H1-01-075	H1-01-034	1.640	0.80	0.444	2.278	0.271	5336.0	2011-08-21
H1-01-075_H1-NE-014A	H1-01-075	H1-NE-014A	0.078	0.79	0.166	2.130	2.132	2248.4	2011-08-21
H1-01-077_H1-01-075	H1-01-077	H1-01-075	2.019	0.80	0.534	2.204	0.264	6217.2	2011-08-21
H1-01-080_H1-01-077	H1-01-080	H1-01-077	1.312	0.81	0.534	2.764	0.407	6251.7	2011-08-21
H1-01-080_H1-NE-020	H1-01-080	H1-NE-020	0.601	0.80	0.786	2.060	1.307	15980.8	2011-08-21
H1-01-081_H1-01-080	H1-01-081	H1-01-080	0.359	0.83	0.764	2.766	2.127	14113.6	2011-08-21
H1-01-085_H1-01-081	H1-01-085	H1-01-081	1.878	0.86	0.763	2.390	0.407	14161.8	2011-08-21
H1-01-085_H1-MA-010	H1-01-085	H1-MA-010	0.686	0.86	0.176	2.488	0.257	3269.3	2011-08-21
H1-01-089_H1-01-085	H1-01-089	H1-01-085	1.577	0.86	0.886	2.398	0.562	15624.7	2011-08-21
H1-01-089_H1-OB-116	H1-01-089	H1-OB-116	0.947	0.86	0.230	2.798	0.243	932.4	2011-08-21
H1-01-100_H1-01-089	H1-01-100	H1-01-089	0.000	0.87	0.997	2.396		17070.0	2011-08-21
H1-01-100_H1-JA-022	H1-01-100	H1-JA-022	0.837	0.86	0.296	2.585	0.354	328.2	2011-08-21
H1-01-104_H1-01-100	H1-01-104	H1-01-100	1.623	0.87	0.833	2.534	0.513	14389.2	2011-08-21
H1-01-110_H1-01-104	H1-01-110	H1-01-104	2.796	0.88	0.827	2.590	0.296	14394.9	2011-08-21
H1-01-115_H1-01-110	H1-01-115	H1-01-110	1.170	0.93	0.760	2.692	0.650	11888.6	2011-08-21
H1-01-116_H1-01-115	H1-01-116	H1-01-115	1.356	0.98	0.557	2.363	0.411	11319.6	2011-08-21
H1-01-117_H1-01-116	H1-01-117	H1-01-116	0.451	1.13	0.017	3.355	0.039	140.2	2011-08-21
H1-01-118_H1-01-117	H1-01-118	H1-01-116	0.046	1.24	0.024	6.414	0.512	290.0	2011-08-21
H1-02-038A_H1-WI-022	H1-02-038A	H1-WI-022	0.563	0.81	0.277	2.810	0.492	3010.0	2011-08-21

H1-03-001_H3-03-006	H1-03-001	H3-03-006	1.879	0.41	0.987	1.267	0.525	19366.7	2011-08-24
H1-03-003A_H1-03-001	H1-03-003A	H1-03-001	4.038	0.47	0.967	1.979	0.240	19138.4	2011-08-24
H1-03-060_H3-03-022	H1-03-060	H3-03-022	1.787	0.87	0.593	1.916	0.332	6537.0	2011-08-24
H1-03-090_H1-03-060	H1-03-090	H1-03-060	1.237	0.88	0.521	2.338	0.421	4153.6	2011-08-24
H1-03-090_H1-GR-022	H1-03-090	H1-GR-022	1.381	0.88	0.323	3.472	0.234	6775.1	2011-08-24
H1-03-140_H1-03-090	H1-03-140	H1-03-090	1.651	0.88	0.731	3.187	0.443	7615.6	2011-08-24
H1-03-170_H1-03-140	H1-03-170	H1-03-140	2.258	0.89	0.529	1.801	0.234	4072.0	2011-08-24
H1-03-180_H1-03-170	H1-03-180	H1-03-170	2.657	0.88	0.426	2.370	0.160	4108.2	2011-08-24
H1-03-200_H1-03-180	H1-03-200	H1-03-180	0.933	0.88	0.698	2.374	0.748	7493.7	2011-08-24
H1-03-200_H1-MA-027	H1-03-200	H1-MA-027	1.697	0.88	0.154	3.716	0.091	53.2	2011-08-24
H1-03-210_H1-03-200	H1-03-210	H1-03-200	1.256	0.89	0.510	2.312	0.406	4638.8	2011-08-24
H1-03-210_H1-MO-036	H1-03-210	H1-MO-036	1.484	0.88	-0.299	2.983	-0.201	-1925.3	2011-08-24
H1-07-013_H1-BL-091	H1-07-013	H1-BL-091	0.274	3.39	0.111	0.693	0.406	1221.9	2011-08-24
H1-08-011_H1-BL-093	H1-08-011	H1-BL-093	0.050	1.90	0.014	0.593	0.291	150.9	2011-08-24
H1-08-011A_H1-08-011	H1-08-011A	H1-08-011	0.000	1.91	0.002	0.502		-0.4	2011-08-24
H1-AD-026_H1-01-075	H1-AD-026	H1-01-075	0.000	0.81	0.041	2.394		449.6	2011-08-24
H1-AD-030_H1-03-140	H1-AD-030	H1-03-140	0.000	0.89	-0.051	2.882		190.4	2011-08-24
H1-AD-035_H1-03-140	H1-AD-035	H1-03-140	0.177	0.89	0.305	2.882	1.721	3270.5	2011-08-24
H1-AD-039_H1-AD-035	H1-AD-039	H1-AD-035	1.136	0.91	0.271	2.892	0.238	2765.0	2011-08-24
H1-AD-042_H1-AD-039	H1-AD-042	H1-AD-039	0.653	0.91	0.192	2.373	0.294	2096.4	2011-08-24
H1-AD-048_H1-AD-042	H1-AD-043	H1-AD-042	0.585	0.92	0.120	2.242	0.205	1476.5	2011-08-24
H1-AD-053_H1-AD-048	H1-AD-053	H1-AD-048	0.778	0.92	0.048	2.070	0.062	569.0	2011-08-24
H1-Alt-Grav1.2	H1-Alt-Grav1	OF-H1-V2	0.000	-0.44	0.893	1.152		5934.2	2011-08-24
H1-Alt-Grav2.1	H1-Alt-Grav2	OF-H1-V2	0.000	-0.44	0.919	1.153		6123.2	2011-08-24
H1-BL-007_H1-BL-009	H1-BL-007	H1-BL-009	0.000	0.20	0.135	2.187		1817.7	2011-08-24
H1-BL-009_H1-OB-010	H1-BL-009	H1-OB-010	3.875	0.11	4.239	1.607	1.094	65830.8	2011-08-24
H1-BL-016_H1-BL-009	H1-BL-016	H1-BL-009	1.531	0.32	0.694	1.746	0.453	7656.9	2011-08-24
H1-BL-017_H1-BL-016	H1-BL-017	H1-BL-016	0.800	0.38	0.624	0.700	0.780	6904.8	2011-08-24
H1-BL-024_H1-BL-017	H1-BL-024	H1-BL-017	0.949	0.59	0.584	0.697	0.616	6466.9	2011-08-24
H1-BL-030_H1-BL-024	H1-BL-030	H1-BL-024	0.634	0.78	0.499	0.664	0.786	5453.3	2011-08-24
H1-BL-037_H1-BL-030	H1-BL-037	H1-BL-030	0.941	1.02	0.501	0.664	0.532	5466.6	2011-08-24
H1-BL-039_H1-BL-037	H1-BL-039	H1-BL-037	1.111	1.29	0.421	0.553	0.380	4581.8	2011-08-24
H1-BL-090C_H1-BL-090B	H1-BL-090C	H1-BL-090B	0.000	2.70	-0.029	7.481		-322.7	2011-08-24
H1-BL-090E_H1-BL-039	H1-BL-090E	H1-BL-039	0.825	1.53	0.366	0.454	0.444	3958.2	2011-08-24
H1-BL-090E_H1-BL-090	H1-BL-090E	H1-BL-090	0.059	1.61	-0.251	1.054	-4.246	-2732.9	2011-08-24
H1-BL-090E_H1-BL-090C	H1-BL-090E	H1-BL-090C	0.000	1.65	-0.047	1.537		-522.8	2011-08-24
H1-BL-091_H1-BL-090	H1-BL-091	H1-BL-090	0.299	1.72	0.244	0.264	0.815	2664.2	2011-08-24
H1-BL-093_H1-BL-091	H1-BL-093	H1-BL-091	0.702	1.85	0.092	0.347	0.131	1001.1	2011-08-24
H1-BL-095_H1-BL-093	H1-BL-095	H1-BL-093	0.137	2.11	0.024	0.474	0.179	269.6	2011-08-24
H1-CL-014_H1-NE-007	H1-CL-014	H1-NE-007	1.318	0.74	0.030	4.139	0.023	318.8	2011-08-24
H1-CL-015_H1-CL-023	H1-CL-015	H1-CL-023	1.872	0.88	-0.034	2.427	-0.018	-64.7	2011-08-24
H1-CL-023_H1-03-060	H1-CL-023	H1-03-060	0.916	0.88	-0.159	3.213	-0.174	667.2	2011-08-24
H1-CL-036_H1-03-060	H1-CL-036	H1-03-060	1.251	0.88	0.193	2.806	0.154	879.2	2011-08-24
H1-GA-017_H1-OB-031	H1-GA-012	H1-OB-031	1.135	0.39	0.655	1.314	0.577	5800.7	2011-08-24
H1-GA-018_H1-GA-017	H1-GA-018	H1-GA-017	3.229	0.47	0.598	1.186	0.185	5078.7	2011-08-24

H1-GR-022_H1-01-033	H1-GR-022	H1-01-033	0.710	0.84	0.347	3.413	0.488	7555.9	2011-08-24
H1-GR-027_H1-03-090	H1-GR-027	H1-03-090	2.875	0.88	0.249	3.731	0.087	2555.9	2011-08-24
H1-GR-033_H1-GR-027	H1-GR-033	H1-GR-027	1.283	0.90	0.250	2.328	0.194	2587.3	2011-08-24
H1-GR-037_H1-GR-033	H1-GR-037	H1-GR-033	0.855	0.91	0.191	1.892	0.224	1907.8	2011-08-24
H1-GR-038_H1-GR-037	H1-GR-038	H1-GR-037	0.988	0.91	0.124	2.092	0.125	781.7	2011-08-24
H1-GR-054_H1-GR-047	H1-GR-054	H1-GR-046	1.224	0.91	0.099	2.901	0.081	552.1	2011-08-24
H1-HA-130_H1-HA-132	PR_DH_MH1	H1-HA-132	0.796	0.89	0.070	2.258	0.088	827.4	2011-08-24
H1-HA-132_H1-01-110	H1-HA-132	H1-01-110	0.848	0.89	0.096	3.401	0.113	1182.9	2011-08-24
H1-HA-132A_H1-HA-132	H1-HA-132A	H1-HA-132	0.000	0.90	0.012	4.209		137.3	2011-08-24
H1-HA-135_H1-01-110	H1-HA-135	H1-01-110	0.000	0.89	0.076	3.007		855.9	2011-08-24
H1-HA-136_H1-HA-138	H1-HA-136	H1-HA-138	0.039	0.95	0.024	6.770	0.611	270.6	2011-08-24
H1-HA-138_H1-HA-139	H1-HA-138	H1-HA-139	0.084	0.89	0.025	3.374	0.294	347.8	2011-08-24
H1-HA-138A_H1-HA-138	H1-HA-138A	H1-HA-138	0.127	0.89	-0.005	3.774	-0.040	80.1	2011-08-24
H1-HA-138B_H1-HA-138A	H1-HA-138B	H1-HA-138A	0.000	0.89	0.001	3.902		80.1	2011-08-24
H1-HA-139_H1-HA-140	H1-HA-139	H1-HA-140	0.037	0.87	0.026	5.246	0.703	434.2	2011-08-24
H1-HA-139A_H1-HA-139	H1-HA-139A	H1-HA-139	0.226	0.87	0.001	3.374	0.004	58.0	2011-08-24
H1-HA-140_H1-HA-141	H1-HA-140	H1-HA-141	0.189	0.85	0.026	3.523	0.139	480.4	2011-08-24
H1-HA-140A_H1-HA-140	H1-HA-140A	H1-HA-140	0.130	0.85	-0.005	3.263	-0.038	51.4	2011-08-24
H1-HA-140B_H1-HA-140A	H1-HA-140B	H1-HA-140A	0.072	0.85	0.000	5.096	-0.004	0.1	2011-08-24
H1-HA-140C_H1-HA-140A	H1-HA-140C	H1-HA-140A	0.026	0.85	0.003	5.096	0.119	51.5	2011-08-24
H1-HA-141_H1-JA-043	H1-HA-141	H1-JA-043	0.506	0.84	0.065	5.486	0.128	528.1	2011-08-24
H1-HU-001_H1-HU-002	H1-HU-001	H1-HU-002	0.058	7.70	0.037	0.564	0.633	394.2	2011-08-24
H1-HU-002_H1-07-013	H1-HU-002	H1-07-013	0.379	7.51	0.062	0.888	0.165	667.9	2011-08-24
H1-HU-003_H1-HU-002	H1-HU-003	H1-HU-002	0.000	7.62	0.015	0.565		153.6	2011-08-24
H1-JA-021_H1-OB-121	H1-JA-021	H1-OB-121	1.035	0.85	0.314	2.795	0.303	494.2	2011-08-24
H1-JA-022_H1-JA-021	H1-JA-022	H1-JA-021	1.833	0.86	0.296	2.012	0.161	295.0	2011-08-24
H1-JA-034_H1-01-100	MH-T2-2STB	H1-01-100	1.689	0.87	0.326	4.460	0.193	2366.2	2011-08-24
H1-JA-037B_H1-JA-034	H1-JA-037B	H1-JA-034	1.219	0.86	0.241	5.133	0.197	1742.2	2011-08-24
H1-JA-043_H1-JA-037B	H1-JA-043	H1-JA-037B	1.031	0.85	0.230	4.186	0.223	1423.7	2011-08-24
H1-JA-046_H1-JA-043	H1-JA-046	H1-JA-043	3.074	0.84	-0.096	3.829	-0.031	537.9	2011-08-24
H1-JE-026A_H1-01-080	H1-JE-026A	H1-JE-023	0.107	0.84	0.506	1.509	4.747	7345.9	2011-08-24
H1-JE-031_H1-03-180	H1-JE-031	H1-03-180	1.018	0.88	-0.431	1.772	-0.424	-6732.7	2011-08-24
H1-JE-031_H1-JE-026A	H1-JE-031	H1-JE-026A	1.570	0.87	0.489	2.326	0.312	6629.4	2011-08-24
H1-JE-032_H1-03-180	H1-JE-032	H1-03-180	5.104	0.89	0.214	1.780	0.042	2571.7	2011-08-24
H1-JE-037_H1-JE-032	H1-JE-037	H1-JE-032	0.842	0.90	0.215	2.640	0.255	2602.2	2011-08-24
H1-JE-044_H1-JE-037	H1-JE-044	H1-JE-037	0.846	0.91	0.160	1.970	0.190	1918.8	2011-08-24
H1-JE-050_H1-JE-044	H1-JE-050	H1-JE-044	0.679	0.91	0.127	1.818	0.187	1318.1	2011-08-24
H1-JE-055_H1-JE-050	H1-JE-055	H1-JE-050	0.806	0.91	0.047	2.379	0.059	533.0	2011-08-24
H1-Junction1.1	H1-Junction1	OF-H1-V2	0.475	-0.47	0.001	1.143	0.001	0.0	2011-08-24
H1-Junction2.1	H1-Junction2	OF-H1-V2	0.475	-0.47	0.001	1.143	0.001	0.0	2011-08-24
H1-MA-010_H1-OB-100	H1-MA-010	H1-OB-100	0.999	0.84	0.176	3.415	0.176	3244.1	2011-08-24
H1-MA-027_H1-01-085	H1-MA-027	H1-01-085	1.355	0.87	0.199	2.232	0.147	886.7	2011-08-24
H1-MA-038_H1-03-200	H1-MA-038	H1-03-200	1.462	0.89	0.282	4.672	0.193	2290.8	2011-08-24
H1-MA-041_H1-MA-038	H1-MA-041	H1-MA-038	1.570	0.89	0.223	3.729	0.142	1786.2	2011-08-24
H1-MA-048_H1-MA-041	H1-MA-044	H1-MA-041	0.530	0.90	0.119	2.928	0.224	1278.7	2011-08-24
H1-MA-054_H1-MA-048	H1-MA-054	H1-MA-048	0.566	0.90	0.050	2.794	0.088	527.2	2011-08-24

H1-MO-010_H1-NE-030	H1-MO-010	H1-NE-030	3.429	0.85	0.182	1.739	0.053	900.2	2011-08-24
H1-MO-033_H1-01-089	H1-MO-033	H1-01-089	0.845	0.88	-0.280	2.023	-0.332	-1244.1	2011-08-24
H1-MO-036_H1-MO-033	H1-MO-036	H1-MO-033	0.737	0.88	-0.299	2.743	-0.405	-1954.0	2011-08-24
H1-MO-043_H1-03-210	H1-MO-043	H1-03-210	0.847	0.89	0.308	4.205	0.364	1960.5	2011-08-24
H1-MO-044_H1-MO-043	H1-MO-044	H1-MO-043	1.862	0.89	0.292	4.966	0.157	1345.5	2011-08-24
H1-MO-047_H1-MO-044	H1-MO-047	H1-MO-044	5.079	0.89	0.292	2.514	0.057	1431.2	2011-08-24
H1-MO-057_H1-MO-047	H1-MO-057	H1-MO-047	1.102	0.89	0.215	2.865	0.195	1013.3	2011-08-24
H1-MO-062_H1-MO-057	H1-MO-062	H1-MO-057	0.771	0.89	0.103	3.641	0.134	563.8	2011-08-24
H1-NE-002_H1-PA-015	H1-NE-002	H1-PA-015	0.000	0.44	-0.005	1.419		-12.2	2011-08-24
H1-NE-003_H1-WI-011	H1-NE-003	H1-WI-011	2.015	0.69	0.945	2.055	0.469	17443.9	2011-08-24
H1-NE-007_H1-NE-003	H1-NE-007	H1-NE-003	1.403	0.73	0.262	2.089	0.187	3875.4	2011-08-24
H1-NE-011_H1-NE-007	H1-NE-011	H1-NE-007	0.410	0.76	0.218	2.710	0.531	3332.9	2011-08-24
H1-NE-011_H1-NE-014A	H1-NE-011	H1-NE-014A	0.306	0.76	0.184	2.082	0.600	2231.9	2011-08-24
H1-NE-014A_H1-NE-017	H1-NE-014A	H1-NE-017	2.443	0.74	0.380	1.589	0.156	4810.6	2011-08-24
H1-NE-017_H1-NE-019	H1-NE-017	H1-NE-019	5.055	0.73	0.380	1.979	0.075	4772.0	2011-08-24
H1-NE-019_H1-NE-020	H1-NE-019	H1-NE-020	2.933	0.73	0.380	1.154	0.129	4739.0	2011-08-24
H1-NE-020_H1-OB-090	H1-NE-020	H1-OB-090	4.253	0.69	1.493	1.971	0.351	27993.2	2011-08-24
H1-NE-021_H1-OB-091	H1-NE-021	H1-OB-091	1.305	0.71	0.333	2.186	0.255	3544.9	2011-08-24
H1-NE-026_H1-NE-021	H1-NE-026	H1-NE-021	0.588	0.76	0.330	1.905	0.562	3437.4	2011-08-24
H1-NE-029A_H1-NE-026	H1-NE-029A	H1-NE-026	0.735	0.79	0.319	1.709	0.434	2922.6	2011-08-24
H1-NE-030_H1-NE-029A	H1-NE-030	MH-T6-NEW	0.604	0.82	0.314	2.654	0.520	2812.1	2011-08-24
H1-NE-031_H1-NE-030	H1-NE-031	H1-NE-030	2.717	0.85	0.215	1.449	0.079	1920.4	2011-08-24
H1-NE-040_H1-NE-031	H1-NE-040	H1-NE-031	0.421	0.85	0.205	1.570	0.488	1754.5	2011-08-24
H1-NE-047_H1-NE-040	H1-NE-047	H1-NE-040	0.123	0.85	0.021	2.362	0.167	154.8	2011-08-24
H1-OB-001_H1-OB-010	H1-OB-001	H1-OB-010	0.000	0.01	0.012	5.173		138.8	2011-08-24
H1-OB-010_H1-OB-008	H1-OB-010	H1-OB-008	8.196	-0.06	4.311	1.385	0.526	66522.9	2011-08-24
H1-OB-031_H1-BL-009	H1-OB-031	H1-BL-009	1.701	0.29	3.445	1.771	2.025	56241.4	2011-08-24
H1-OB-050_H1-OB-031	H1-OB-050	H1-OB-031	4.392	0.41	2.864	1.818	0.652	50395.2	2011-08-24
H1-OB-050_H1-OB-050A	H1-OB-050	H1-OB-050A	0.000	0.44	-0.002	1.181		2.9	2011-08-24
H1-OB-071_H1-OB-050	H1-OB-071	H1-OB-050	3.011	0.49	2.822	1.859	0.937	49601.2	2011-08-24
H1-OB-072_H1-OB-071	H1-OB-072	H1-OB-071	13.803	0.54	2.819	1.891	0.204	49745.3	2011-08-24
H1-OB-077_H1-OB-072	H1-OB-077	H1-OB-072	2.989	0.62	1.852	1.884	0.619	31573.7	2011-08-24
H1-OB-090_H1-OB-077	H1-OB-090	H1-OB-080A	1.172	0.67	1.828	1.961	1.559	31359.1	2011-08-24
H1-OB-091_H1-OB-090	H1-OB-091	H1-OB-090	0.617	0.69	0.335	2.211	0.543	3616.9	2011-08-24
H1-OB-095_H1-NE-020	H1-OB-095	H1-NE-020	1.512	0.75	0.493	3.908	0.326	7331.0	2011-08-24
H1-OB-100_H1-OB-095	H1-OB-100	H1-OB-095	8.108	0.83	0.473	1.261	0.058	7105.9	2011-08-24
H1-OB-101_H1-OB-100	MH-T5-OBS	H1-OB-100	0.357	0.83	0.311	2.975	0.872	3520.7	2011-08-24
H1-OB-116_H1-MO-010	H1-OB-116	H1-MO-010	1.228	0.85	0.174	2.427	0.142	829.7	2011-08-24
H1-OB-116_H1-OB-101	H1-OB-116	H1-OB-101	0.811	0.85	0.249	2.083	0.308	3430.7	2011-08-24
H1-OB-117_H1-OB-116	H1-OB-117	H1-OB-116	2.455	0.85	0.398	1.969	0.162	2987.2	2011-08-24
H1-OB-121_H1-OB-117	H1-OB-121	H1-OB-117	1.679	0.85	0.391	3.289	0.233	2632.9	2011-08-24
H1-OB-121A_H1-OB-121	H1-OB-121A	H1-OB-121	0.108	0.85	0.004	5.862	0.036	42.3	2011-08-24
H1-OB-122_H1-NE-040	H1-OB-122	H1-NE-040	0.676	0.85	0.179	1.190	0.265	1039.9	2011-08-24
H1-OB-122_H1-OB-121	H1-OB-122	H1-OB-121	8.080	0.85	0.368	1.950	0.046	1378.6	2011-08-24
H1-OB-122A_H1-OB-122	MH-T7-OBS	H1-OB-122	1.169	0.84	0.478	2.332	0.409	2216.7	2011-08-24
H1-OB-122B_H1-OB-122A	H1-OB-122B	H1-OB-122A	2.381	0.83	-0.006	1.656	-0.003	163.2	2011-08-24

H1-OB-122C_H1-OB-122A	H1-OB-122C	H1-OB-122A	0.000	0.83	0.025	1.656		324.1	2011-08-24
H1-OB-123_H1-HA-130	H1-OB-123	H1-HA-130	0.497	0.91	0.071	2.387	0.143	828.8	2011-08-24
H1-OB-125_H1-OB-123	H1-OB-125	H1-OB-123	0.046	1.34	0.076	5.994	1.643	884.1	2011-08-24
H1-OB-127_H1-OB-125	H1-OB-127	H1-OB-125	0.000	1.49	0.079	2.065		889.3	2011-08-24
H1-PA-015_H1-OB-050	H1-PA-015	H1-OB-050	1.425	0.44	0.064	1.765	0.045	721.9	2011-08-24
H1-PA-017_H1-01-006	H1-PA-017	H1-01-006	2.274	0.79	-0.034	3.065	-0.015	-432.2	2011-08-24
H1-PA-017_H1-01-006A	H1-PA-017	H1-01-006A	4.736	0.79	-0.087	2.082	-0.018	385.3	2011-08-24
H1-PA-020A_H1-OB-117	H1-PA-020A	H1-OB-117	0.000	0.86	0.010	4.459		112.3	2011-08-24
H1-PA-024_H1-PA-017	H1-PA-024	H1-PA-017	0.622	0.79	-0.122	3.282	-0.196	-14.2	2011-08-24
H1-PA-030_H1-PA-050	H1-PA-030	H1-PA-050	0.048	0.94	-0.007	5.160	-0.136	-0.1	2011-08-24
H1-PA-050_H1-01-115	H1-PA-050	H1-01-115	0.467	0.93	0.211	2.351	0.451	130.6	2011-08-24
H1-PA-050A_H1-PA-050	H1-PA-050A	H1-PA-050	0.000	0.92	0.205	2.292		197.7	2011-08-24
H1-PA-060_H1-01-116	H1-PA-060	H1-01-116	0.341	1.14	0.044	5.637	0.128	299.3	2011-08-24
H1-PA-061_H1-01-117	H1-PA-061	H1-01-116	0.295	1.65	0.545	3.974	1.851	10464.1	2011-08-24
H1-PA-062_H1-PA-061	H1-PA-062	H1-PA-061	0.000	4.94	0.550	11.169		11191.2	2011-08-24
H1-WA-011_H1-07-013	H1-WA-011	H1-07-013	0.000	3.57	0.009	1.130		96.1	2011-08-24
H1-WI-011_H1-OB-072	H1-WI-011	H1-OB-072	1.444	0.60	0.945	2.046	0.654	17391.5	2011-08-24
H1-WI-019_H1-NE-003	H1-WI-019	H1-NE-003	2.465	0.73	0.697	1.791	0.283	13114.8	2011-08-24
H1-WI-022_H1-01-010	H1-WI-022	H1-01-010	3.370	0.79	0.277	1.407	0.082	2989.8	2011-08-24
H1-WW.2	H1-WW	H1-Alt-Grav2	0.000	-0.33	0.919	1.274		6123.2	2011-08-24
H1-WW.4	H1-WW	H1-Alt-Grav1	0.000	-0.33	0.893	1.279		5934.2	2011-08-24
H2 REGULATOR_H2-INT-009A	H2 REGULATOR	H2-INT-009A	4.043	-0.04	-0.086	2.152	-0.021	-308.5	2011-08-24
H2-01-001_H2-01-002	H2-01-001	H2-01-002	0.150	4.80	0.147	8.566	0.985	1951.4	2011-08-24
H2-01-001A_H2-01-001	H2-01-001A	H2-01-001	0.000	5.29	0.051	10.043		717.9	2011-08-24
H2-01-002_H2-RI-004	H2-01-002	H2-RI-004	0.141	3.28	0.159	7.171	1.128	2162.4	2011-08-24
H2-01-003_H2-NE-010B	H2-01-003	H2-NE-010B	1.273	0.24	0.238	1.195	0.187	3359.3	2011-08-24
H2-02-003_H2-RI-005	H2-02-003	H2-RI-005	0.000	1.46	0.030	6.876		404.1	2011-08-24
H2-05-001_H2-WA-007	H2-05-001	H2-WA-007	0.000	3.50	0.028	0.998		325.7	2011-08-24
H2-05-002_H2-05-001	H2-05-002	H2-05-001	0.000	3.52	0.005	1.082		53.5	2011-08-24
H2-06-003_H2-WA-009	H2-06-003	H2-WA-009	0.110	5.89	0.081	0.719	0.736	942.0	2011-08-24
H2-06-004_H2-06-003	H2-06-004	H2-06-003	0.000	6.19	0.024	1.814		274.9	2011-08-24
H2-CO-003_H2-01-001	H2-CO-003	H2-01-001	0.000	5.30	0.044	10.090		563.8	2011-08-24
H2-CO-004AA_H2-CO-003	H2-CO-004AA	H2-CO-003	0.000	5.41	0.025	10.434		339.3	2011-08-24
H2-HP-001A_H2-HP-004	H2-HP-001A	H2-HP-004	0.077	0.85	0.056	2.165	0.719	1048.3	2011-08-24
H2-HP-004_H2-RI-009	H2-HP-004	H2-RI-009	0.133	0.49	0.121	1.551	0.909	1774.4	2011-08-24
H2-HP-008A_H2-HP-004	H2-HP-008A	H2-HP-004	0.112	1.11	0.032	2.165	0.287	358.6	2011-08-24
H2-INT-001_H2-INT-002	H2-INT-001	H2-INT-002	5.406	-0.12	-0.116	1.851	-0.021	-518.2	2011-08-24
H2-INT-001A_H2-INT-001	H2-INT-001A	H2-INT-001	0.848	-0.12	-0.116	1.640	-0.137	-496.9	2011-08-24
H2-INT-002_H2-INT-003	H2-INT-002	H2-INT-003	0.000	-0.11	-0.116	0.203		-524.5	2011-08-24
H2-INT-003_H2-INT-004	H2-INT-003	H2-INT-004	9.060	-0.07	-0.117	1.751	-0.013	-520.5	2011-08-24
H2-INT-004_H2-INT-005	H2-INT-004	H2-INT-005	3.968	-0.07	-0.117	1.901	-0.029	-542.8	2011-08-24
H2-INT-005_H2-INT-006	H2-INT-005	H2-INT-006	5.087	-0.05	-0.118	1.727	-0.023	-550.3	2011-08-24
H2-INT-006_H2-INT-007	H2-INT-006	H2-INT-007	5.496	-0.05	-0.118	2.008	-0.022	-602.6	2011-08-24
H2-INT-007_H2 REGULATOR	H2-INT-007	H2 REGULATOR	2.773	-0.05	-0.084	2.469	-0.030	-439.3	2011-08-24
H2-INT-009_H2-INT-010	H2-INT-009	H2-INT-010	0.908	-0.04	-0.086	2.082	-0.094	-507.1	2011-08-24

H2-INT-009A_H2-INT-009	H2-INT-009A	H2-INT-009	0.853	-0.04	-0.086	2.155	-0.100	-463.2	2011-08-24
H2-INT-010_H3-INT-001	H2-INT-010	H3-INT-001	3.060	-0.04	-0.086	2.480	-0.028	-540.5	2011-08-24
H2-NE-004_H2-NE-005	H2-NE-004	H2-NE-005	1.157	0.27	-0.312	2.012	-0.269	-3591.1	2011-08-24
H2-NE-004_H2-NE-010	H2-NE-004	H2-NE-010	1.554	0.25	0.358	1.614	0.230	4277.2	2011-08-24
H2-NE-005_H2-NE-007	H2-NE-005	H2-NE-007	1.314	0.29	-0.305	1.844	-0.232	-3527.4	2011-08-24
H2-NE-007_H2-WA-001	H2-NE-007	H2-WA-001	1.348	0.30	-0.295	1.637	-0.219	-3434.4	2011-08-24
H2-NE-010B_H2-NE-010	H2-NE-010B	H2-NE-010	2.316	0.24	0.238	1.614	0.103	3351.5	2011-08-24
H2-NE-013_H2-RI-009	H2-NE-013	H2-RI-009	0.150	0.29	0.026	9.674	0.172	334.3	2011-08-24
H2-NE-020.1	H2-NE-020	H2	0.852	0.05	-0.003	2.090	-0.003	-26.7	2011-08-24
H2-OF.1	H2-NE-010	H2	0.383	0.17	0.797	1.541	2.081	10403.6	2011-08-24
H2-RI-004_H2-01-003	H2-RI-004	H2-01-003	0.096	1.02	0.224	5.205	2.332	3186.4	2011-08-24
H2-RI-005_H2-RI-004	H2-RI-005	H2-RI-004	0.000	1.35	0.061	5.220		818.9	2011-08-24
H2-RI-009_H2-NE-010	H2-RI-009	H2-NE-010	3.135	0.23	0.179	1.345	0.057	2498.9	2011-08-24
H2-WA-0000_H1-BL-090	H2-WA-0000	H1-BL-090	0.148	3.11	0.008	0.306	0.053	87.6	2011-08-24
H2-WA-001_H2-WA-003	H2-WA-001	H2-WA-003	2.033	0.87	-0.255	1.351	-0.125	-3033.0	2011-08-24
H2-WA-003_H2-WA-004	H2-WA-003	H2-WA-004	1.531	1.28	-0.213	0.279	-0.139	-2682.2	2011-08-24
H2-WA-004_H2-03-020	H2-WA-004	H2-03-020	0.553	1.84	-0.213	0.429	-0.386	-2641.2	2011-08-24
H2-WA-005A_H2-03-020	H2-WA-005A	H2-03-020	1.270	2.99	0.191	0.220	0.151	2285.2	2011-08-24
H2-WA-007_H2-WA-005A	H2-WA-007	H2-WA-005A	1.393	3.39	0.168	0.220	0.121	1977.2	2011-08-24
H2-WA-009_H2-WA-007	H2-WA-009	H2-WA-007	1.840	4.46	0.117	0.204	0.064	1383.3	2011-08-24
H2-WA-010_H2-WA-009	H2-WA-010	H2-WA-009	0.120	4.83	0.018	0.599	0.154	213.9	2011-08-24
H2-WA-011_H2-WA-010	H2-WA-011	H2-WA-010	0.065	4.93	0.013	0.571	0.193	148.1	2011-08-24
H2-WA-012_H2-WA-011	H2-WA-012	H2-WA-011	0.069	5.14	0.012	0.496	0.180	143.1	2011-08-24
H2-WA-013_H2-WA-0000	H2-WA-013	H2-WA-0000	0.190	5.21	0.008	0.312	0.041	87.7	2011-08-24
H2-WW.1	H2-WW	H2-OF	0.000	-0.14	0.762	0.686		10060.1	2011-08-24
H3-02-001_H3-HU-001	H3-02-001	H3-HU-001	0.000	3.56	0.009	0.457		97.7	2011-08-24
H3-03-002_H3-RI-006	H3-03-002	H3-RI-006	4.671	0.03	1.191	1.657	0.255	21810.6	2011-08-24
H3-03-004_H3-03-002	H3-03-004	H3-03-002	0.563	0.20	1.161	1.088	2.063	21440.7	2011-08-24
H3-03-006_H3-CO-004	H3-03-006	H3-CO-004	3.020	0.34	0.989	1.336	0.327	19367.4	2011-08-24
H3-03-007_H1-03-003A	H3-03-007	H1-03-003A	1.114	0.54	0.898	2.060	0.807	18433.4	2011-08-24
H3-03-009_H3-03-007	H3-03-009	H3-03-007	1.161	0.60	0.895	1.502	0.771	18427.7	2011-08-24
H3-03-010_H3-03-009	H3-03-010	H3-03-009	0.479	0.64	0.895	2.427	1.869	18441.5	2011-08-24
H3-03-015_H3-03-010	H3-03-015	H3-03-010	1.424	0.74	0.971	1.551	0.681	17455.5	2011-08-24
H3-03-015_H3-PA-025	H3-03-015	H3-PA-025	1.958	0.79	-0.816	3.382	-0.416	-5740.1	2011-08-24
H3-03-020.1	H3-03-020	H3	5.554	-0.19	-0.080	0.769	-0.014	-33.1	2011-08-24
H3-03-022_H3-03-022A	H3-03-022	H3-03-022A	4.477	0.84	0.594	3.986	0.133	6497.0	2011-08-24
H3-03-022A_H3-03-015	H3-03-022A	H3-03-015	0.855	0.82	0.678	2.108	0.793	9193.8	2011-08-24
H3-03-022A_H3-WI-038AB	H3-03-022A	H3-WI-038AB	1.237	0.83	0.226	3.355	0.182	2294.8	2011-08-24
H3-03-040.1	H3-03-040	H3-03-020	1.945	-0.19	-0.059	0.469	-0.030	-18.3	2011-08-24
H3-03-050.1	H3-03-050	H3-03-040	1.204	-0.19	-0.008	0.490	-0.007	-2.1	2011-08-24
H3-05-090_H3-WI-022	H3-WI-015	H3-WI-022	0.881	0.88	0.279	2.966	0.316	3882.7	2011-08-24
H3-05-100_H3-05-090	H3-05-100	H3-05-090	0.367	0.89	0.157	1.761	0.428	2168.1	2011-08-24
H3-05-100_H3-CL-013	H3-05-100	H3-CL-013	0.487	0.89	-0.085	7.486	-0.174	-483.5	2011-08-24
H3-CL-001_H3-CL-003	H3-CL-001	H3-CL-003	0.644	0.91	0.052	4.430	0.081	615.4	2011-08-24
H3-CL-003_H3-CL-004	H3-CL-003	H3-CL-004	0.698	0.91	0.055	3.426	0.079	642.7	2011-08-24
H3-CL-004_H3-CL-007	H3-CL-004	H3-CL-007	1.118	0.91	0.055	1.867	0.049	642.4	2011-08-24

H3-CL-007_H3-CL-011	H3-CL-007	H3-CL-011	0.186	0.90	0.127	1.873	0.680	1445.2	2011-08-24
H3-CL-011_H3-05-100	H3-CL-011	H3-05-100	0.990	0.90	0.126	1.720	0.128	1442.7	2011-08-24
H3-CL-013_H3-CL-015A	H3-CL-013	H3-CL-015A	0.437	0.88	-0.085	2.232	-0.196	-151.2	2011-08-24
H3-CL-015A_H1-CL-036	H3-CL-015A	H1-CL-036	0.963	0.88	-0.089	2.797	-0.092	-87.4	2011-08-24
H3-CO-001_H3-CO-004	H3-CO-001	H3-CO-004	0.026	5.19	0.027	0.945	1.042	356.8	2011-08-24
H3-CO-004_H3-03-004	H3-CO-004	H3-03-004	2.595	0.30	1.047	1.537	0.404	20118.8	2011-08-24
H3-CO-006_H3-CO-004	H3-CO-006	H3-CO-004	0.060	5.48	0.027	0.466	0.443	356.8	2011-08-24
H3-GA-001_H1-01-021	H3-GA-001	H1-01-021	1.380	0.56	0.550	1.531	0.399	4464.4	2011-08-24
H3-GA-001_H3-GA-004	H3-GA-001	H3-GA-004	1.262	0.61	-0.554	1.684	-0.439	-4359.8	2011-08-24
H3-GA-004_H3-03-010	H3-GA-004	H3-03-010	1.454	0.68	-0.513	2.482	-0.353	-3869.6	2011-08-24
H3-GA-013C_H3-03-010	H3-GA-013C	H3-03-010	1.049	0.73	0.401	2.482	0.383	4209.0	2011-08-24
H3-GA-014_H3-GA-013C	H3-GA-014	H3-GA-013C	0.433	0.75	0.362	2.118	0.836	3623.6	2011-08-24
H3-GA-015A_H3-GA-014	H3-GA-015A	H3-GA-014	1.311	0.79	0.356	2.101	0.271	3475.7	2011-08-24
H3-GA-018A_H3-GA-015A	H3-GA-018A	H3-GA-015A	0.552	0.82	0.331	2.502	0.599	3115.6	2011-08-24
H3-GA-023_H3-GA-018A	H3-GA-023	H3-GA-018A	1.391	0.83	0.308	1.517	0.221	2825.1	2011-08-24
H3-GA-028_H3-GA-023	H3-GA-028	H3-GA-023	1.165	0.86	0.201	0.823	0.173	2126.9	2011-08-24
H3-GA-033_H3-GA-028	H3-GA-033	H3-GA-028	1.428	1.38	0.127	0.314	0.089	1405.3	2011-08-24
H3-GA-037_H3-GA-033	H3-GA-037	H3-GA-033	0.810	1.57	0.052	0.208	0.064	565.2	2011-08-24
H3-HU-001_H3-03-004	H3-HU-001	H3-03-004	0.179	3.48	0.013	4.512	0.073	148.9	2011-08-24
H3-HU-004_H3-03-004	H3-HU-004	H3-03-004	0.000	0.27	0.013	4.583		170.5	2011-08-24
H3-INT-001_H3-INT-002	H3-INT-001	H3-INT-002	0.000	-0.04	-0.086	2.492		-576.0	2011-08-24
H3-INT-002_H3 REGULATOR	H3-INT-002	H3-INT-003A	9.018	-0.04	-0.086	3.035	-0.010	-587.5	2011-08-24
H3-INT-003_H3-INT-004	H3-INT-003	H3-INT-004	6.260	-0.69	0.305	1.708	0.049	12355.4	2011-08-24
H3-INT-003A_H3 REGULATOR	H3-INT-003A	H3	5.802	-0.16	1.150	2.900	0.198	22008.3	2011-08-24
H3-INT-004_H3-INT-005	H3-INT-004	H3-INT-005	5.518	-0.69	0.308	1.602	0.056	12352.5	2011-08-24
H3-INT-005_H3-INT-006	H3-INT-005	H3-INT-006	1.980	-0.69	0.276	1.703	0.140	12343.0	2011-08-24
H3-INT-006_H3-INT-007	H3-INT-006	H3-INT-007	2.683	-0.70	0.277	1.744	0.103	12327.8	2011-08-24
H3-PA-001_H3-PA-004	H3-PA-001	H3-PA-004	0.359	0.85	0.049	1.289	0.136	485.2	2011-08-24
H3-PA-004_H3-PA-009	H3-PA-004	H3-PA-009	0.760	0.84	0.119	1.856	0.157	1342.4	2011-08-24
H3-PA-009_H3-PA-012	H3-PA-009	H3-PA-012	0.869	0.83	0.158	1.869	0.182	1727.1	2011-08-24
H3-PA-012_H3-03-015	H3-PA-012	H3-03-015	0.549	0.82	0.206	2.021	0.375	2203.6	2011-08-24
H3-PA-025_H1-PA-024	H3-PA-025	H1-PA-024	1.031	0.79	-0.145	2.336	-0.141	-984.5	2011-08-24
H3-RI-001_H3-RI-002	H3-RI-001	H3-RI-002	0.072	0.24	0.011	0.399	0.155	220.1	2011-08-24
H3-RI-002_H3-RI-003	H3-RI-002	H3-RI-003	0.051	0.07	0.011	0.448	0.218	219.8	2011-08-24
H3-RI-003_H3-RI-006	H3-RI-003	H3-RI-006	0.257	0.01	0.013	2.314	0.050	300.6	2011-08-24
H3-WI-002_H3-WI-005	H3-WI-002	H3-WI-005	1.684	0.90	0.047	2.082	0.028	523.4	2011-08-24
H3-WI-005_H3-WI-010	H3-WI-005	H3-WI-010	0.697	0.90	0.050	3.025	0.071	478.0	2011-08-24
H3-WI-010_H3-05-090	H3-WI-010	H3-05-090	0.642	0.90	0.118	2.113	0.184	1208.8	2011-08-24
H3-WI-022_H3-03-022A	H3-WI-022	H3-03-022A	1.612	0.86	0.319	2.843	0.198	4514.0	2011-08-24
H3-WI-038AB_H1-02-038A	H3-WI-038AB	H1-02-038A	0.493	0.82	0.232	2.818	0.470	2460.3	2011-08-24
H3-WW.1	H3-IC	H3-INT-003	4.965	-0.68	0.287	2.107	0.058	12358.8	2011-08-24
H3-WW_OF-H4-TG2	H3-WW	OF-H4-TG2	3.876	-0.26	0.866	0.605	0.223	9568.8	2011-08-24
H4 REGULATOR_HWF-INT-012	H3-INT-007	HWF-INT-012	1.625	-0.71	0.447	1.781	0.275	19479.1	2011-08-24
H4-04-002_H4-04-003	H4-04-002	H4-04-003	9.290	1.45	0.018	2.775	0.002	-2.7	2011-08-24
H4-04-003_H4-04-010	H4-04-003	H4-04-010	11.296	-0.10	1.507	0.562	0.133	17497.6	2011-08-24
H4-04-004_H4-04-003	H4-04-004	H4-04-003	11.071	0.01	1.454	0.353	0.131	17256.5	2011-08-24

H4-04-005_H4-04-004	H4-04-005	H4-04-004	4.256	0.16	1.381	0.425	0.324	16573.0	2011-08-31
H4-04-006_H4-04-005	H4-04-006	H4-04-005	17.025	0.25	1.486	0.838	0.087	15904.1	2011-08-31
H4-04-007_H4-04-006	H4-04-007	H4-04-006	8.515	0.26	1.429	0.507	0.168	15936.1	2011-08-31
H4-04-008_H4-04-007	H4-04-008	H4-04-007	3.214	0.38	1.414	0.756	0.440	15923.3	2011-08-31
H4-04-010_H4	H4-04-010	H4	8.466	-0.16	1.522	0.536	0.180	17560.4	2011-08-31
H4-07-080_H4-GA-005	H4-07-080	H4-GA-005	6.710	0.59	1.395	0.832	0.208	15799.9	2011-08-31
H4-07-090_H4-07-080	H4-07-090	H4-07-080	5.935	0.61	1.374	0.926	0.231	15781.3	2011-08-31
H4-07-090_H4-07-090A	H4-07-090A	H4-07-090	7.063	0.63	1.124	1.307	0.159	14574.5	2011-08-31
H4-07-100_H4-07-090A	H4-07-100	H4-07-090A	1.016	0.64	0.214	4.178	0.211	3320.5	2011-08-31
H4-07-140_H4-CL-027	H4-07-140	H4-CL-027	5.704	0.65	0.883	0.958	0.155	10432.1	2011-08-31
H4-07-150_H4-07-150A	H4-07-150	H4-07-150A	8.496	0.67	0.747	1.009	0.088	9015.1	2011-08-31
H4-07-150A_H4-07-140	H4-07-150A	H4-07-140	1.367	0.66	0.783	0.967	0.573	9454.9	2011-08-31
H4-07-160_H4-07-150	H4-07-160	H4-07-150	3.764	0.67	0.684	1.011	0.182	8413.3	2011-08-31
H4-07-170_H4-07-160	H4-07-170	H4-07-160	1.661	0.68	0.579	1.423	0.349	7489.1	2011-08-31
H4-07-180_H4-07-170	H4-07-180	H4-07-170	1.873	0.69	0.433	1.449	0.231	4875.5	2011-08-31
H4-07-190_H4-MA-015	H4-07-190	H4-MA-015	1.828	0.70	0.357	0.960	0.195	3674.6	2011-08-31
H4-07-200_H4-07-190	H4-07-200	H4-07-190	1.367	0.71	0.247	0.896	0.181	2849.0	2011-08-31
H4-AD-002_H4-AD-011	H4-AD-010	H4-AD-011	0.704	0.68	0.040	1.403	0.056	414.0	2011-08-31
H4-AD-011_H4-07-160	H4-AD-011	H4-07-160	0.393	0.68	0.089	2.346	0.227	851.9	2011-08-31
H4-CL-001_H4-CL-004	H4-CL-001	H4-CL-004	0.347	0.74	0.038	1.743	0.110	399.4	2011-08-31
H4-CL-004_H4-CL-009	H4-CL-004	H4-CL-009	0.287	0.72	0.038	0.576	0.134	380.2	2011-08-31
H4-CL-009_H4-CL-013	H4-CL-009	H4-CL-013	0.634	0.67	0.073	1.119	0.114	755.6	2011-08-31
H4-CL-013_H4-CL-016	H4-CL-013	H4-CL-016	0.391	0.67	0.083	1.609	0.212	885.2	2011-08-31
H4-CL-016_H4-CL-017	H4-CL-016	H4-CL-017	0.981	0.66	0.099	1.753	0.101	1045.2	2011-08-31
H4-CL-017_H4-07-140	H4-CL-017	H4-07-140	0.761	0.66	0.099	2.800	0.130	1003.3	2011-08-31
H4-CL-018_H4-CL-022	H4-CL-020	H4-CL-022	0.091	0.70	0.045	2.812	0.496	456.1	2011-08-31
H4-CL-022_H4-CL-027	H4-CL-022	H4-CL-027	0.123	0.69	0.087	1.646	0.709	910.2	2011-08-31
H4-CL-027_H4-07-090A	H4-CL-027	H4-07-090A	8.501	0.64	0.982	1.312	0.116	11442.2	2011-08-31
H4-GA-002_H4-04-008	H4-GA-002	H4-04-008	5.860	0.44	1.412	0.918	0.241	15983.9	2011-08-31
H4-GA-004_H4-GA-002	H4-GA-004	H4-GA-002	3.978	0.47	1.402	1.006	0.352	15928.8	2011-08-31
H4-GA-005_H4-GA-004	H4-GA-005	H4-GA-004	7.503	0.48	1.391	0.674	0.185	15944.2	2011-08-31
H4-GR-009_H4-07-150A	H4-GR-008	H4-07-150A	1.125	0.66	0.038	1.153	0.034	391.1	2011-08-31
H4-GR-010_H4-07-150	H4-GR-010	H4-07-150	0.457	0.67	0.062	1.852	0.135	614.8	2011-08-31
H4-GR-011_H4-GR-010	H4-GR-011	H4-GR-010	0.481	0.67	0.042	1.804	0.086	428.3	2011-08-31
H4-GR-012_H4-GR-011	H4-GR-012	H4-GR-011	0.325	0.67	0.003	2.929	0.010	17.4	2011-08-31
H4-HA-001_H4-07-200	H4-HA-001	H4-07-200	0.641	0.71	-0.041	2.705	-0.064	490.7	2011-08-31
H4-HA-003_H4-HA-001	H4-HA-003	H4-HA-001	0.287	0.71	-0.032	2.115	-0.111	458.0	2011-08-31
H4-HA-004_H4-HA-003	H4-HA-004	H4-HA-003	0.346	0.71	0.005	3.203	0.014	178.5	2011-08-31
H4-HA-007_H4-HA-004	H4-HA-007	H4-HA-004	0.057	0.71	0.004	2.701	0.067	111.2	2011-08-31
H4-HU-001_H4-04-004	H4-HU-001	H4-04-004	14.891	5.87	0.038	1.014	0.003	450.9	2011-08-31
H4-HU-002_H4-HU-001	H4-HU-002	H4-HU-001	0.000	6.14	0.032	0.601		307.2	2011-08-31
H4-JA-002_H1-JA-046	MH-T5-5STB	H1-JA-046	4.494	0.84	-0.125	3.155	-0.028	264.9	2011-08-31
H4-JA-002_H4-JA-003	H4-JA-002	H4-JA-003	0.100	0.83	-0.064	6.449	-0.639	-306.2	2011-08-31
H4-JA-003_H4-JA-004	H4-JA-003	H4-JA-004	0.090	0.78	-0.064	8.738	-0.706	-280.3	2011-08-31
H4-JA-004_H4-JA-006	H4-JA-004	H4-JA-006	1.741	0.71	0.117	2.970	0.067	31.8	2011-08-31

H4-JA-006_H4-07-200	H4-JA-006	H4-07-200	1.361	0.71	0.138	1.528	0.102	776.1	2011-08-2
H4-JA-009_H4-07-200	H4-JA-009	H4-07-200	0.289	0.72	0.135	2.638	0.467	1576.8	2011-08-2
H4-JA-011_H4-JA-009	H4-JA-011	H4-JA-009	0.426	0.72	0.045	3.178	0.106	632.3	2011-08-2
H4-JE-005_H4-07-170	H4-JE-005	H4-07-170	0.711	0.70	0.164	2.435	0.230	2520.6	2011-08-2
H4-JE-007_H4-JE-005	H4-JE-007	H4-JE-005	0.297	0.72	0.132	2.135	0.446	1963.2	2011-08-2
H4-JE-007_H5-JE-742	H4-JE-007	H5-JE-742	0.343	0.73	-0.140	2.224	-0.409	-1603.9	2011-08-2
H4-MA-001_H4-MA-006	H4-MA-001	H4-MA-006	0.374	0.70	0.106	3.855	0.282	700.6	2011-08-2
H4-MA-006_H4-07-180	H4-MA-006	H4-07-180	0.375	0.70	0.122	3.085	0.325	1278.8	2011-08-2
H4-MA-008_H4-MA-015	H4-MA-008	H4-MA-015	1.755	0.70	-0.013	4.013	-0.007	-125.9	2011-08-2
H4-MA-015_H4-07-180	H4-MA-015	H4-07-180	6.278	0.70	0.370	1.547	0.059	3646.8	2011-08-2
H4-MO-001_H4-07-190	H4-MO-001	H4-07-190	3.493	0.70	0.098	2.471	0.028	787.9	2011-08-2
H4-MO-002A_H4-MO-001	H4-MO-002A	H4-MO-001	0.681	0.72	0.107	2.892	0.158	710.8	2011-08-2
H4-MO-004_H4-MO-002A	H4-MO-004	H4-MO-002A	0.521	0.72	0.085	3.686	0.163	17.1	2011-08-2
H4-PA-005_H4-07-090	H4-PA-004	H4-07-090	1.442	0.63	0.243	1.662	0.169	1141.7	2011-08-2
H4-PA-005_H4-WI-013	H4-PA-005	H4-WI-013	0.925	0.65	0.118	1.269	0.127	1004.0	2011-08-2
H4-PA-008_H4-PA-005	H4-PA-008	H4-PA-005	0.129	0.65	0.147	0.717	1.136	1585.5	2011-08-2
H4-PA-011_H4-PA-008	H4-PA-011	H4-PA-008	3.193	0.69	0.106	0.716	0.033	1056.1	2011-08-2
H4-PA-012_H4-PA-011	H4-PA-012	H4-PA-011	0.805	0.76	0.068	1.212	0.085	664.9	2011-08-2
H4-PA-016_H4-PA-012	H4-PA-016	H4-PA-012	1.896	2.09	0.045	0.268	0.024	450.8	2011-08-2
H4-WI-001_H4-WI-004	H4-WI-001	H4-WI-004	0.401	0.69	0.039	0.503	0.097	423.0	2011-08-2
H4-WI-004_H4-WI-005	H4-WI-004	H4-WI-005	1.077	0.66	0.046	0.413	0.042	422.5	2011-08-2
H4-WI-005_H4-WI-009	H4-WI-005	H4-WI-009	1.047	0.66	0.100	0.837	0.095	1011.4	2011-08-2
H4-WI-009_H4-WI-013	H4-WI-009	H4-WI-013	1.057	0.66	0.154	1.269	0.145	1606.7	2011-08-2
H4-WI-013_H4-07-100	H4-WI-013	H4-07-100	2.223	0.65	0.201	3.211	0.091	3174.5	2011-08-2
H4-WW.2	H4-WW	OF-H4-TG2	0.000	-0.25	1.344	0.422		10391.9	2011-08-2
H5_GC to H5_OF Original	H5_Inflow_Dummy	H5_Outflow_Dummy	0.000	-0.47	1.401	0.725		27532.7	2011-08-2
H5_GC.3	H5-SF	H5_GC	14.198	-0.44	1.398	0.120	0.098	27655.0	2011-08-2
H5_TideGate.1	H5_OF	Outfall6	0.000	-0.68	1.404	0.261		27414.6	2011-08-2
H5_WW.3	H5-WW	H5-SF	0.000	-0.04	1.397	0.419		27661.3	2011-08-2
H5-09-444_H5-WA-440	H5-09-444	H5-WA-440	0.264	5.07	0.007	0.704	0.025	64.3	2011-08-2
H5-09-804_H4-MO-004	H5-09-804	H4-MO-004	0.020	0.75	0.006	6.139	0.315	154.1	2011-08-2
H5-10-446_H5-WA-400	H5-10-446	H5-WA-400	0.194	2.69	0.007	3.306	0.034	64.2	2011-08-2
H5-11-010_H5-11-009	H5-11-010	H5-INT-008A	1.098	0.59	0.784	1.922	0.714	20890.0	2011-08-2
H5-11-010_H5-WA-350	H5-11-010	H5-WA-350	2.626	1.62	-0.300	2.695	-0.114	-16959.9	2011-08-2
H5-11-015_H5-11-010	H5-11-015	H5-11-010	1.609	2.37	0.532	1.145	0.330	5453.6	2011-08-2
H5-11-020.1	H5-INT-008A	H5	5.173	0.22	0.784	0.877	0.152	20946.5	2011-08-2
H5-11-316_H5-WA-350	H5-11-316	H5-WA-350	1.781	1.62	0.132	0.690	0.074	1057.9	2011-08-2
H5-11-318_H5-11-316	H5-11-318	H5-11-316	0.497	1.63	0.123	1.571	0.248	992.0	2011-08-2
H5-11-510_H5-11-009	H5-11-510	H5-11-009	17.063	0.70	0.580	1.016	0.034	18044.2	2011-08-2
H5-11-520_H5-11-510	H5-11-520	H5-11-510	3.626	0.70	0.571	1.018	0.157	18004.9	2011-08-2
H5-11-530_H5-11-520	H5-11-530	H5-11-520	0.000	0.70	0.576	0.980		18081.5	2011-08-2
H5-11-560_H5-11-530	H5-11-560	H5-11-530	10.436	0.70	0.473	0.981	0.045	17064.3	2011-08-2
H5-11-580_H5-11-560	H5-11-580	H5-11-560	6.543	0.71	0.435	0.692	0.067	16642.4	2011-08-2
H5-11-580_H6-PA-582	H5-11-580	H6-PA-582	0.437	1.20	-0.108	6.396	-0.246	-9246.0	2011-08-2
H5-11-620_H5-11-580	H5-11-620	H5-11-580	6.860	0.71	0.306	0.910	0.045	7155.4	2011-08-2
H5-11-620_H5-WI-624	H5-11-620	H5-WI-624	0.963	0.73	-0.123	3.795	-0.128	-1289.9	2011-08-2

H5-11-630_H5-11-620	H5-11-630	H5-11-620	10.118	0.71	0.216	0.616	0.021	5943.3	2011-08-24
H5-11-640_H5-11-630	H5-11-640	H5-11-630	4.380	0.71	0.202	0.885	0.046	5725.1	2011-08-24
H5-11-640A_H7-SIP-006	H5-11-640A	H7-SIP-006	0.914	0.49	0.613	0.917	0.671	33332.5	2011-08-24
H5-11-650_H5-11-640	H5-11-650	H5-11-640	0.000	0.71	0.312	0.548		6131.9	2011-08-24
H5-11-670_H5-11-650	H5-11-670	H5-11-650	1.632	0.72	0.272	0.769	0.167	5361.9	2011-08-24
H5-11-670_H5-GR-678	H5-11-670	H5-GR-678	0.429	0.72	-0.039	2.374	-0.091	-302.8	2011-08-24
H5-11-691_H5-11-670	H5-11-691	H5-11-670	2.929	0.72	0.229	1.287	0.078	4488.4	2011-08-24
H5-11-710_H5-11-691	H5-11-710	H5-11-691	3.752	0.72	0.250	0.815	0.067	4305.7	2011-08-24
H5-11-720_H5-11-710	H5-11-720	H5-11-710	3.751	0.72	0.246	0.799	0.066	4269.2	2011-08-24
H5-11-730_H5-11-720	H5-11-730	H5-11-720	3.001	0.72	0.229	0.774	0.076	3991.2	2011-08-24
H5-11-730_H5-JE-734	H5-11-730	H5-JE-734	0.733	0.72	0.046	2.428	0.062	-7.0	2011-08-24
H5-11-750_H5-11-730	H5-11-750	H5-11-730	3.609	0.72	0.216	1.729	0.060	3941.4	2011-08-24
H5-11-780_H5-11-750	H5-11-780	H5-11-750	1.090	0.72	0.120	1.139	0.110	2539.5	2011-08-24
H5-11-780_H5-MO-794	H5-11-780	H5-MO-794	0.737	0.72	-0.080	2.677	-0.109	-1612.7	2011-08-24
H5-11-788_H5-11-780	H5-11-788	H5-11-780	0.787	0.72	0.028	2.230	0.036	448.2	2011-08-24
H5-12-013_H5-HU-012	H5-12-013	H5-HU-012	7.570	1.66	0.029	0.597	0.004	990.2	2011-08-24
H5-12-594_H5-12-599	H5-12-594	H5-12-599	0.069	1.06	0.029	0.408	0.415	289.9	2011-08-24
H5-12-599_H5-12-602	H5-12-599	H5-12-602	0.433	0.88	0.029	0.077	0.066	289.7	2011-08-24
H5-12-608_H5-12-602	H5-12-608	H5-12-602	0.093	0.83	-0.071	1.600	-0.763	-729.2	2011-08-24
H5-12-786_H5-MO-784	H5-12-786	H5-MO-784	0.590	0.72	0.001	1.624	0.002	46.4	2011-08-24
H5-AD-698_H5-11-691	H5-AD-698	H5-11-691	0.293	0.72	-0.049	2.038	-0.168	56.2	2011-08-24
H5-AD-712_H5-11-710	H5-AD-712	H5-11-710	0.071	0.72	0.004	3.993	0.062	43.4	2011-08-24
H5-AD-717_H5-11-720	H5-AD-714	H5-11-720	0.051	0.73	0.023	3.870	0.445	296.2	2011-08-24
H5-AT-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.70	0.074	0.364	0.036	703.0	2011-08-24
H5-BL-334_H5-11-318	H5-BL-334	H5-11-318	0.379	1.63	0.076	1.563	0.201	569.4	2011-08-24
H5-BL-346_H5-BL-334	H5-BL-346	H5-BL-334	0.533	1.63	0.029	1.491	0.054	217.4	2011-08-24
H5-BL-354_H5-BL-346	H5-BL-354	H5-BL-346	0.136	2.75	0.017	1.048	0.125	176.9	2011-08-24
H5-CL-648_H5-11-640	H5-CL-648	H5-11-640	0.306	0.70	-0.162	2.177	-0.529	-347.5	2011-08-24
H5-CL-662_H5-11-650	H5-CL-662	H5-11-650	0.427	0.72	0.056	1.922	0.132	628.5	2011-08-24
H5-CP-071_H5-HU-151	H5-CP-071	H5-HU-151	1.016	6.60	0.202	0.691	0.199	1995.0	2011-08-24
H5-CP-097_H5-CP-071	H5-CP-097	H5-CP-071	1.167	7.35	0.202	0.605	0.173	1996.1	2011-08-24
H5-CP-104_H5-CP-097	H5-CP-104	H5-CP-097	0.245	14.35	0.066	1.211	0.270	676.2	2011-08-24
H5-CP-112_H5-CP-104	H5-CP-112	H5-CP-104	0.030	14.59	0.024	0.709	0.797	260.3	2011-08-24
H5-CP-112_H5-ST-254	H5-CP-112	H5-ST-254	1.952	14.48	0.121	0.351	0.062	1134.2	2011-08-24
H5-Discharge1	H5_Outflow	H5_Outflow_Dummy	0.000	-0.47	0.001	1.134		0.0	2011-08-24
H5-GA-001A_H6-GA-562	H6-GA-001A	H5-GA-562	0.097	2.00	0.000	0.367	0.001	0.1	2011-08-24
H5-GA-562_H5-11-560	H5-GA-562	H5-11-560	0.899	1.72	0.043	3.877	0.048	423.2	2011-08-24
H5-GR-674_H5-11-670	H5-GR-674	H5-11-670	0.674	0.72	0.028	1.864	0.042	121.6	2011-08-24
H5-GR-682_H5-GR-678	H5-GR-682	H5-GR-678	1.236	0.72	0.030	2.375	0.025	324.6	2011-08-24
H5-GR-684_H5-GR-682	H5-GR-684	H5-GR-682	2.268	1.14	0.018	0.381	0.008	204.7	2011-08-24
H5-GR-688_H5-GR-682	H5-GR-688	H5-GR-682	2.219	0.72	-0.002	2.652	-0.001	10.6	2011-08-24
H5-HU-007_H5-HU-012	H5-HU-007	H5-HU-012	0.369	0.72	0.027	0.597	0.074	208.0	2011-08-24
H5-HU-007_H6-HU-001	H5-HU-007	H6-HU-001	1.277	0.72	0.028	0.622	0.022	244.5	2011-08-24
H5-HU-010_H5-11-009	H5-HU-010	H5-11-009	0.293	0.70	0.104	2.045	0.354	1934.6	2011-08-24
H5-HU-012_H5-HU-010	H5-HU-012	H5-HU-010	0.638	0.70	0.099	1.091	0.155	1861.6	2011-08-24
H5-HU-015_H5-12-013	H5-HU-015	H5-12-013	0.110	2.26	0.029	0.352	0.266	990.4	2011-08-24

H5-HU-017_H5-HU-015	H5-HU-017	H5-HU-015	0.088	2.81	0.020	0.685	0.230	210.8	2011-08-24
H5-HU-020_H5-11-015	H5-HU-020	H5-11-015	1.181	3.04	0.496	0.900	0.420	5092.5	2011-08-24
H5-HU-040_H5-HU-020	H5-HU-040	H5-HU-020	1.536	3.46	0.472	0.828	0.307	4666.0	2011-08-24
H5-HU-150A_H5-HU-151	H5-HU-150A	H5-HU-151	1.594	4.60	0.266	0.553	0.167	2604.7	2011-08-24
H5-HU-151_H5-HU-040	H5-HU-151	H5-HU-040	2.415	4.33	0.466	0.535	0.193	4597.2	2011-08-24
H5-HU-200A_H5-HU-150A	H5-HU-200A	H5-HU-150A	1.540	5.33	0.250	0.354	0.162	2430.3	2011-08-24
H5-HU-250_H5-HU-200A	H5-HU-250	H5-HU-200A	1.342	5.90	0.186	0.299	0.138	1771.0	2011-08-24
H5-HU-272_H5-HU-250	H5-HU-272	H5-HU-250	1.408	6.18	0.006	0.295	0.004	54.4	2011-08-24
H5-HW-542_H5-11-530	H5-HW-542	H5-11-530	0.161	1.84	0.088	0.526	0.546	879.3	2011-08-24
H5-IC.1	H5-IC	11PS	2.666	0.11	0.201	2.670	0.076	14565.6	2011-08-24
H5-INT-001_H5-11-640A	H5-INT-001	H5-11-640A	1.345	0.56	0.615	0.928	0.457	33954.4	2011-08-24
H5-INT-002_H5-INT-001	H5-INT-002	H5-INT-001	2.021	0.60	0.440	1.520	0.218	19765.3	2011-08-24
H5-INT-003_H5-INT-002	H5-INT-003	H5-INT-002	0.000	0.64	0.440	1.080		19788.9	2011-08-24
H5-INT-004_H5-INT-003	H5-INT-004	H5-INT-003	1.551	5.86	0.440	0.364	0.284	19804.2	2011-08-24
H5-INT-004A_H5-INT-004	H5-INT-004A	H5-INT-004	0.982	6.44	0.440	0.617	0.448	19849.2	2011-08-24
H5-INT-004B_H5-INT-004A	H5-INT-004B	H5-INT-004A	1.220	7.12	0.440	0.570	0.361	19904.8	2011-08-24
H5-INT-005_H5-INT-004B	H5-INT-005	H5-INT-004B	0.487	7.46	0.440	0.661	0.904	19953.4	2011-08-24
H5-INT-006_H5-INT-005	H5-INT-006	H5-INT-005	0.000	7.50	0.440	0.701		20014.8	2011-08-24
H5-INT-007_H5-INT-006	H5-INT-007	H5-INT-006	0.740	7.59	0.440	0.736	0.595	20036.5	2011-08-24
H5-INT-007A_H5-INT-007	H5-INT-007A	H5-INT-007	1.246	8.11	0.440	0.711	0.353	20066.0	2011-08-24
H5-INT-008_11th St PS	H5-11-020	H5-INT-001	0.519	0.61	0.173	1.034	0.334	14519.4	2011-08-24
H5-INT-009_H5-INT-008	H5-INT-009	H5-INT-008	0.245	0.13	0.119	2.720	0.487	1889.9	2011-08-24
H5-INT-010_H5-INT-009	H5-INT-010	H5-INT-009	0.806	0.13	0.115	2.793	0.143	1932.2	2011-08-24
H5-JE-734_H5-JE-736A	H5-JE-734	H5-JE-736A	0.814	0.72	0.049	4.123	0.060	107.6	2011-08-24
H5-JE-736A_H7-JE-007	H5-JE-736A	H7-JE-007	0.922	0.72	0.053	3.102	0.058	387.6	2011-08-24
H5-JE-742_H5-11-730	H5-JE-742	H5-11-730	0.298	0.73	-0.072	3.571	-0.240	-141.8	2011-08-24
H5-JK-798_H5-09-804	H5-JK-798	H5-09-804	0.071	0.76	0.006	3.398	0.089	156.2	2011-08-24
H5-JK-798_H5-MO-794	H5-JK-798	H5-MO-794	0.077	0.75	0.014	5.356	0.179	184.3	2011-08-24
H5-MA-754_H5-11-750	H5-MA-754	H5-11-750	0.141	0.72	0.019	3.471	0.131	294.9	2011-08-24
H5-MA-756_H5-MA-754	H5-MA-756	H5-MA-754	0.756	0.72	-0.021	4.373	-0.028	189.0	2011-08-24
H5-MA-756A_H5-MA-756	H5-MA-756A	H5-MA-756	0.065	0.72	-0.025	5.275	-0.389	-113.6	2011-08-24
H5-MA-762_H5-11-750	H5-MA-762	H5-11-750	1.124	0.72	0.065	2.604	0.058	562.9	2011-08-24
H5-MA-762_H5-MA-768	H5-MA-764	H5-MA-768	0.098	0.70	0.032	6.056	0.321	91.6	2011-08-24
H5-MA-768_H4-MA-001	H5-MA-768	H4-MA-001	1.262	0.70	0.092	4.815	0.073	141.1	2011-08-24
H5-MO-784_H5-11-780	H5-MO-784	H5-11-780	1.034	0.72	-0.017	1.784	-0.017	280.2	2011-08-24
H5-MO-794_H4-MO-004	H5-MO-794	H4-MO-004	0.307	0.72	0.065	3.862	0.212	-443.6	2011-08-24
H5-SF.3	H5-INT-008	H5-IC	2.555	0.12	0.119	2.653	0.047	1854.1	2011-08-24
H5-SH-052_H5-HU-040	H5-SH-052	H5-HU-040	0.060	4.01	0.005	1.606	0.090	46.5	2011-08-24
H5-ST-078_H5-CP-097	H5-ST-078	H5-CP-097	0.076	7.84	0.103	1.336	1.346	991.0	2011-08-24
H5-ST-084_H5-ST-078	H5-ST-084	H5-ST-078	0.185	12.31	0.058	1.873	0.315	552.7	2011-08-24
H5-ST-096_H5-ST-084	H5-ST-096	H5-ST-084	0.125	21.42	0.029	0.925	0.234	278.6	2011-08-24
H5-ST-114_H5-CP-112	H5-ST-114	H5-CP-112	0.104	20.21	0.046	1.020	0.441	433.9	2011-08-24
H5-ST-116_H5-ST-114	H5-ST-116	H5-ST-114	0.118	24.16	0.030	0.934	0.254	281.5	2011-08-24
H5-ST-124_H5-CP-112	H5-ST-124	H5-CP-112	0.085	16.93	0.066	0.816	0.780	641.6	2011-08-24
H5-ST-128_H5-ST-124	H5-ST-128	H5-ST-124	0.084	17.55	0.058	1.328	0.694	564.8	2011-08-24

H5-ST-134_H5-ST-128	H5-ST-134	H5-ST-128	0.158	18.01	0.046	1.138	0.289	444.8	2011-08-24
H5-ST-136_H5-ST-134	H5-ST-136	H5-ST-134	0.087	18.43	0.046	1.027	0.526	445.0	2011-08-24
H5-ST-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.70	0.074	0.364	0.036	703.0	2011-08-24
H5-ST-254_H5-ST-252	H5-ST-254	H5-ST-252	1.967	10.79	0.131	0.263	0.067	1233.9	2011-08-24
H5-WA-350_H5-WA-356	H5-WA-350	H5-WA-356	3.976	1.62	0.069	1.478	0.017	225.3	2011-08-24
H5-WA-356_H6-WA-004	H5-WA-356	H6-WA-004	0.144	1.62	0.081	2.468	0.561	289.8	2011-08-24
H5-WA-400_H5-WA-350	H5-WA-400	H5-WA-350	1.233	1.82	0.235	0.690	0.190	2421.7	2011-08-24
H5-WA-440_H5-WA-400	H5-WA-440	H5-WA-400	0.397	1.92	0.165	1.322	0.415	1693.9	2011-08-24
H5-WA-480_H5-WA-440	H5-WA-480	H5-WA-440	1.078	2.21	0.102	0.282	0.095	1072.7	2011-08-24
H5-WA-480A_H5-WA-480	H5-WA-480A	H5-WA-480	0.786	2.36	0.024	0.188	0.031	247.6	2011-08-24
H5-WA-490_H5-WA-480	H5-WA-490	H5-WA-480	1.124	2.23	0.040	0.188	0.035	410.9	2011-08-24
H5-WA-490A_H5-WA-490	H5-WA-490A	H5-WA-490	0.732	2.32	0.018	0.150	0.025	188.5	2011-08-24
H5-WI-606_H5-12-602	H5-WI-606	H5-12-602	0.126	1.14	0.023	0.291	0.184	246.4	2011-08-24
H5-WI-612_H5-12-608	H5-WI-612	H5-12-608	0.008	1.11	0.010	1.182	1.318	106.3	2011-08-24
H5-WI-624_H5-12-608	H5-WI-624	H5-12-608	0.219	0.78	-0.124	1.717	-0.565	-1290.1	2011-08-24
H6 REGULATOR_H5-INT-010	H6-IC	H5-INT-010	1.895	0.14	0.115	2.512	0.061	2024.3	2011-08-24
H6-14-001_H6-14-002	H6-14-001	H6-14-002	0.146	0.69	0.061	3.021	0.420	960.5	2011-08-24
H6-14-002_H6-14-003A	H6-14-002	H6-14-003A	0.204	0.66	0.061	2.829	0.302	955.7	2011-08-24
H6-14-003_H6-14-006	H6-14-003	H6-14-006	0.613	0.63	0.243	1.539	0.397	3158.0	2011-08-24
H6-14-003A_H6-14-003B	H6-14-003A	H6-14-003B	0.735	0.64	0.061	2.843	0.084	950.5	2011-08-24
H6-14-003B_H6-14-003	H6-14-003B	H6-14-003	4.700	0.64	0.061	1.437	0.013	962.0	2011-08-24
H6-14-006_H6-14-008	H6-14-006	H6-14-008	1.659	0.59	0.285	1.358	0.172	3612.7	2011-08-24
H6-14-008_H6-14-010	H6-14-008	H6-14-010	0.742	0.58	0.485	1.438	0.654	5586.4	2011-08-24
H6-14-010A_H6-14-010	H6-14-010A	H6-14-010	0.078	0.78	0.133	4.143	1.710	1795.6	2011-08-24
H6-14-010B_H6-14-010A	H6-14-010B	H6-14-010A	0.046	1.54	0.081	6.217	1.751	1158.3	2011-08-24
H6-14-010C_H6-14-010B	H6-14-010C	H6-14-010B	0.064	2.04	0.064	6.491	1.008	903.0	2011-08-24
H6-14-020.1	H6-14-020	H6	0.230	0.35	-0.009	2.348	-0.038	-1.7	2011-08-24
H6-GA-001A_H6-GA-005	H6-GA-001A	H6-GA-005	0.161	1.42	0.044	2.950	0.273	471.8	2011-08-24
H6-GA-005_H6-GA-008	H6-GA-005	H6-GA-008	0.091	1.13	0.095	0.798	1.046	1024.0	2011-08-24
H6-GA-008_H6-14-003	H6-GA-008	H6-14-003	0.159	0.67	0.107	3.162	0.670	1152.9	2011-08-24
H6-GA-009_H6-14-003	H6-GA-009	H6-14-003	4.947	1.78	0.042	0.036	0.009	643.2	2011-08-24
H6-HU-001_H6-HU-002	H6-HU-001	H6-HU-003	0.064	0.67	0.056	1.922	0.876	652.4	2011-08-24
H6-HU-001A_H6-HU-001	H6-HU-001A	H6-HU-001	0.087	0.73	0.018	2.591	0.202	206.9	2011-08-24
H6-HU-003_H6-14-010	H6-HU-003	H6-14-010	0.368	0.54	0.062	2.876	0.169	810.8	2011-08-24
H6-HW-001_H6-14-006	H6-HW-001	H6-14-006	0.199	1.74	0.032	0.271	0.160	359.4	2011-08-24
H6-HW-001A_H5-HW-542	H6-HW-001A	H5-HW-542	0.207	2.31	0.002	0.666	0.008	0.2	2011-08-24
H6-HW-001A_H6-HW-001	H6-HW-001A	H6-HW-001	0.474	2.31	0.000	0.541	0.000	0.5	2011-08-24
H6-PA-001_H6-PA-002	H6-PA-001	H6-PA-002	0.125	0.76	-0.053	1.295	-0.426	-246.0	2011-08-24
H6-PA-002_H6-PA-007	H6-PA-002	H6-PA-007	0.055	0.78	0.021	2.675	0.382	244.9	2011-08-24
H6-PA-007_H6-14-001	H6-PA-007	H6-14-001	0.101	0.77	0.051	2.704	0.503	834.4	2011-08-24
H6-PA-582_H6-PA-588	H6-PA-582	H6-PA-588	0.062	2.95	-0.108	5.049	-1.752	-9249.5	2011-08-24
H6-PA-588_H6-PA-592	H6-PA-588	H6-PA-592	0.631	3.95	-0.215	6.416	-0.340	-9256.1	2011-08-24
H6-PA-592_H6-PA-001	H6-PA-592	H6-PA-001	0.068	0.69	-0.053	0.614	-0.784	-246.1	2011-08-24
H6-WA-004_H6-WA-009	H6-WA-004	H6-WA-009	0.229	1.55	0.121	3.134	0.527	927.2	2011-08-24
H6-WA-009_H6-WA-010	H6-WA-009	H6-WA-010	0.206	1.32	0.149	3.166	0.725	1409.6	2011-08-24
H6-WA-010_H6-14-008	H6-WA-010	H6-14-008	0.214	1.06	0.149	2.715	0.698	1406.4	2011-08-24

H6WW_Outfall8	H6-WW	H7-15-012D	0.987	0.27	0.635	1.135	0.643	6634.9	2011-08-24
H7 REGULATOR_H7-INT-001	H7-IC	H7-INT-001	2.469	0.15	0.079	2.351	0.032	620.5	2011-08-24
H7-15_Sta0+00.1	H7-15_Sta0+00	H7-15_Sta2+42.5+	0.074	0.19	-0.006	1.270	-0.078	-0.2	2011-08-24
H7-15_Sta2+42.5+.1	H7-15_Sta2+42.5+	H7-15-150	0.075	0.19	-0.013	1.337	-0.168	-1.1	2011-08-24
H7-15-001_H7-15-002	H7-15-001	H7-15-002	4.092	0.58	0.050	1.242	0.012	673.9	2011-08-24
H7-15-001_H7-MA-008	H7-15-001	H7-MA-008	0.280	0.58	-0.033	1.621	-0.119	-568.6	2011-08-24
H7-15-002_H7-15-003	H7-15-002	H7-15-003	5.097	0.58	0.186	1.465	0.037	2638.2	2011-08-24
H7-15-002_H7-JE-003	H7-15-002	H7-JE-003	1.585	0.58	-0.059	3.884	-0.037	-664.0	2011-08-24
H7-15-003_H7-15-004	H7-15-003	H7-15-004	4.178	0.58	0.259	1.023	0.062	3072.7	2011-08-24
H7-15-003_H7-AD-003	H7-15-003	H7-AD-003	0.097	0.58	-0.059	3.068	-0.608	-428.7	2011-08-24
H7-15-004_H7-15-005	H7-15-004	H7-15-005	2.549	0.57	0.410	0.578	0.161	6185.1	2011-08-24
H7-15-004_H7-GR-010	H7-15-004	H7-GR-010	0.384	0.58	-0.035	2.211	-0.091	-1338.0	2011-08-24
H7-15-005_H7-15-006	H7-15-005	H7-15-006	2.721	0.55	0.742	0.593	0.273	9526.8	2011-08-24
H7-15-005_H7-CL-010	H7-15-005	H7-CL-010	0.785	0.62	-0.194	3.329	-0.248	-1095.7	2011-08-24
H7-15-006_H7-15-007	H7-15-006	H7-15-007	1.329	0.51	0.778	1.456	0.585	9920.7	2011-08-24
H7-15-007_H7-15-008	H7-15-007	H7-15-008	1.566	0.40	1.027	0.757	0.655	13411.9	2011-08-24
H7-15-008_H7-15-009	H7-15-008	H7-15-009	0.243	0.30	1.027	0.422	4.236	13405.2	2011-08-24
H7-15-009_H7-15-012B1	H7-15-009	H7-15-012B1	4.936	0.27	1.098	0.548	0.222	14446.1	2011-08-24
H7-15-010.1	H7-15-010	H7	0.124	0.19	-0.027	2.426	-0.215	-111.5	2011-08-24
H7-15-012B_H7-15-012D	H7-15-012B	H7-15-012D	9.189	0.14	1.049	0.486	0.114	14288.2	2011-08-24
H7-15-012B1_H7-15-012B	H7-15-012B1	H7-15-012B	8.391	0.25	1.114	0.876	0.133	14575.8	2011-08-24
H7-15-100.1	H7-15-100	H7-15-010	0.056	0.19	-0.025	2.256	-0.448	-97.3	2011-08-24
H7-15-110.1	H7-15-110	H7-15-100	0.147	0.19	-0.020	2.134	-0.133	-44.6	2011-08-24
H7-15-150.1	H7-15-150	H7-15-991	0.049	0.19	-0.017	1.887	-0.336	-20.6	2011-08-24
H7-15-991.1	H7-15-991	H7-15-110	0.049	0.19	-0.019	1.920	-0.381	-35.3	2011-08-24
H7-AD-001_H7-AD-002	H7-AD-001	H7-AD-002	0.674	0.58	0.005	2.724	0.007	192.1	2011-08-24
H7-AD-002_H7-15-003	H7-AD-002	H7-15-003	0.830	0.58	-0.006	3.564	-0.007	143.9	2011-08-24
H7-AD-003_H7-AD-004	H7-AD-003	H7-AD-004	0.344	0.59	-0.057	3.508	-0.165	-288.4	2011-08-24
H7-AD-004_H7-AD-005	H7-AD-004	H7-AD-005	0.641	0.59	-0.057	3.392	-0.088	-325.3	2011-08-24
H7-AD-005_H7-AD-006	H7-AD-005	H7-AD-006	0.098	0.68	-0.056	3.861	-0.577	-337.4	2011-08-24
H7-AD-006_H5-AD-698	H7-AD-006	H5-AD-698	0.191	0.72	-0.054	3.620	-0.282	-202.2	2011-08-24
H7-CL-001_H7-CL-004	H7-CL-001	H7-CL-004	0.054	0.73	0.046	2.837	0.864	641.8	2011-08-24
H7-CL-004_H7-CL-006	H7-CL-004	H7-CL-006	0.651	0.59	0.093	2.353	0.143	1333.9	2011-08-24
H7-CL-006_H7-15-005	H7-CL-006	H7-15-005	0.482	0.58	0.142	3.232	0.294	1992.6	2011-08-24
H7-CL-010_H5-CL-648	H7-CL-010	H5-CL-648	0.206	0.66	-0.175	3.078	-0.851	-638.2	2011-08-24
H7-GR-001_H7-GR-003	H7-GR-001	H7-GR-003	0.074	0.84	0.012	8.070	0.162	91.1	2011-08-24
H7-GR-003_H7-GR-004	H7-GR-003	H7-GR-004	0.058	0.68	0.070	1.555	1.221	929.0	2011-08-24
H7-GR-004_H7-GR-005	H7-GR-004	H7-GR-005	0.739	0.60	0.096	1.932	0.130	1285.0	2011-08-24
H7-GR-005_H7-GR-006	H7-GR-005	H7-GR-006	1.249	0.59	0.095	1.830	0.076	1265.3	2011-08-24
H7-GR-006_H7-15-004	H7-GR-006	H7-15-004	0.239	0.59	0.122	1.656	0.509	1710.9	2011-08-24
H7-GR-010_H7-GR-013	H7-GR-010	H7-GR-013	0.084	0.70	-0.034	6.230	-0.410	-1355.8	2011-08-24
H7-GR-013_H5-GR-674	H7-GR-013	H5-GR-674	0.559	0.72	-0.032	3.613	-0.057	-1211.4	2011-08-24
H7-INT-001_H6-INT-002	H7-INT-001	H6-IC	0.584	0.14	0.079	2.545	0.135	584.9	2011-08-24
H7-JE-001_H7-15-002	H7-JE-001	H7-15-002	1.178	0.58	0.091	2.484	0.077	1484.4	2011-08-24
H7-JE-003_H7-JE-004	H7-JE-003	H7-JE-004	0.424	0.58	-0.056	3.399	-0.133	-543.4	2011-08-24
H7-JE-006_H7-JE-004	H7-JE-006	H7-JE-004	0.413	0.59	0.056	3.075	0.136	553.2	2011-08-24

H7-JE-007_H7-JE-006	H7-JE-007	H7-JE-006	0.090	0.65	0.056	7.593	0.623	574.8	2011-08-24
H7-MA-001_H7-MA-002	H7-MA-001	H7-MA-002	0.048	0.58	0.001	2.398	0.015	31.1	2011-08-24
H7-MA-002_H7-MA-004	H7-MA-002	H7-MA-004	0.044	0.58	0.001	2.462	0.026	31.1	2011-08-24
H7-MA-003_H7-MA-004	H7-MA-003	H7-MA-004	0.044	0.58	0.001	2.462	0.034	111.3	2011-08-24
H7-MA-004_H7-MA-006	H7-MA-004	H7-MA-006	0.043	0.58	-0.003	2.981	-0.081	141.7	2011-08-24
H7-MA-006_H7-15-001	H7-MA-006	H7-15-001	0.641	0.58	-0.005	1.800	-0.008	140.3	2011-08-24
H7-MA-008_H5-MA-756A	H7-MA-008	H5-MA-756A	0.036	0.67	-0.027	4.113	-0.756	-165.7	2011-08-24
H7-PA-001_H7-PA-004	H7-PA-001	H7-PA-004	0.056	0.73	0.007	4.654	0.125	68.4	2011-08-24
H7-PA-004_H7-PA-005	H7-PA-004	H7-PA-005	0.072	0.62	0.048	0.843	0.668	470.1	2011-08-24
H7-PA-005_H7-PA-007	H7-PA-005	H7-PA-007	0.065	0.56	-0.023	2.949	-0.360	-210.3	2011-08-24
H7-PA-007B_H7-PA-007	H7-PA-007B	H7-PA-007	3.730	0.57	0.006	1.457	0.002	45.7	2011-08-24
H7-PA-011_H7-15-009	H7-PA-011	H7-15-009	0.087	0.48	0.041	2.938	0.469	716.4	2011-08-24
H7-SIP-006_H7-SIP-005	H7-SIP-006	WWTP	0.000	0.15	0.613	0.391		33312.3	2011-08-24
H7-WI-001_H7-WI-002	H7-WI-001	H7-WI-002	0.101	0.78	0.037	0.805	0.364	418.5	2011-08-24
H7-WI-002_H7-WI-003	H7-WI-002	H7-WI-003	0.274	0.78	0.040	1.680	0.146	447.6	2011-08-24
H7-WI-003_H7-WI-004	H7-WI-003	H7-WI-004	0.231	0.76	0.040	3.007	0.173	440.6	2011-08-24
H7-WI-004_H7-WI-005	H7-WI-004	H7-WI-005	0.133	0.75	0.040	1.890	0.300	433.9	2011-08-24
H7-WI-005_H7-WI-009	H7-WI-005	H7-WI-009	0.190	0.75	0.040	2.318	0.211	423.4	2011-08-24
H7-WI-007_H7-WI-009	H7-WI-007	H7-WI-009	0.065	0.80	0.024	4.057	0.370	347.5	2011-08-24
H7-WI-009_H7-15-007	H7-WI-010	H7-15-007	0.287	0.63	0.142	1.926	0.495	1850.1	2011-08-24
H7-WI-013_H7-15-007	H7-WI-013	H7-15-007	0.713	0.51	0.091	1.926	0.128	1176.8	2011-08-24
H7-WI-014A_H7-WI-014	H7-WI-014A	H7-WI-013	0.989	0.51	0.071	1.596	0.072	816.7	2011-08-24
H7-WI-015_H7-15-006	H7-WI-015	H7-15-006	0.418	0.54	0.022	2.034	0.052	305.2	2011-08-24
H7-WI-017_H7-WI-014A	H7-WI-017	H7-WI-014A	0.827	0.52	0.061	1.589	0.074	714.4	2011-08-24
H7-WI-017B_H7-WI-017	H7-WI-017B	H7-WI-017	0.100	0.53	0.014	2.192	0.136	165.4	2011-08-24
H7-WI-019_H7-WI-017	H7-WI-019	H7-WI-017	0.252	0.52	0.006	1.248	0.022	59.1	2011-08-24
H7-WW.1	H7-WW	H7-15-012B	0.000	0.19	-0.080	0.509		-721.8	2011-08-24
HHA-FM_DITCH	HHA-FM	HHA-OF	0.156	7.59	0.317	23.680	2.037	3965.0	2011-08-24
HSI.1	HSI	5PS	0.309	0.91	0.030	0.203	0.099	674.6	2011-08-24
HSI-05-002A_HSI-05-002	HSI-05-002A	HSI-05-002	0.264	5.30	0.051	1.499	0.192	554.4	2011-08-24
HSI-05-010.1	HSI-05-010	HSI	0.590	3.37	0.207	0.409	0.350	2213.1	2011-08-24
HSI-RI-001_HSI-RI-003A	HSI-RI-001	HSI-RI-003A	0.268	12.67	0.042	0.850	0.156	479.7	2011-08-24
HSI-RI-003A_HSI-RI-008	HSI-RI-003A	HSI-RI-008	0.303	11.10	0.114	0.786	0.377	1201.2	2011-08-24
HSI-RI-004A_HSI-RI-003A	HSI-RI-004A	HSI-RI-003A	0.117	13.80	0.063	1.275	0.538	616.9	2011-08-24
HSI-RI-004AV_HSI-RI-004A	HSI-RI-004AV	HSI-RI-004A	0.000	14.18	0.045	2.520		440.3	2011-08-24
HSI-RI-004B_HSI-RI-004AV	HSI-RI-004B	HSI-RI-004AV	0.000	14.57	0.045	4.451		440.6	2011-08-24
HSI-RI-004C_HSI-RI-004B	HSI-RI-004C	HSI-RI-004B	0.000	14.84	0.018	5.769		165.8	2011-08-24
HSI-RI-004E_HSI-RI-004B	HSI-RI-004E	HSI-RI-004B	0.000	15.42	0.027	8.590		275.5	2011-08-24
HSI-RI-004H_HSI-RI-004A	HSI-RI-004H	HSI-RI-004A	0.182	15.27	0.018	1.046	0.100	177.0	2011-08-24
HSI-RI-008_HSI-05-002	HSI-RI-008	HSI-05-002	0.478	7.65	0.150	1.199	0.314	1592.8	2011-08-24
HWF-INT-012_HWF-INT-013	HWF-INT-012	5PS	1.537	-0.72	0.436	1.864	0.284	19452.4	2011-08-24
HWF-INT-016A_H5-INT-007A	HWF-INT-016A	H5-INT-007A	0.267	8.71	0.440	1.056	1.650	20105.3	2011-08-24
Link_10	Node_77	Outfall8	10.635	-0.87	1.735	0.280	0.163	20915.7	2011-08-24
Link_103	H4-IC	H3-INT-007	2.656	-0.70	0.200	1.890	0.075	7183.7	2011-08-24
Link_11	H6-14-010	H6	1.117	0.46	0.673	1.163	0.603	8163.4	2011-08-24

Link_110	HSI-OF	HWF-INT-016	5.961	0.08	0.196	0.239	0.033	1541.3	2011-08-24
Link_112	Node_32	Node_61	2.333	0.63	0.201	0.724	0.086	1781.9	2011-08-24
Link_113	Node_45	Node_64	149.390	-0.95	2.606	0.110	0.017	39988.6	2011-08-24
Link_115	Node_62	Node_40	777.648	-1.05	2.607	0.115	0.003	39683.6	2011-08-24
Link_116	Node_66	Node_39	483.665	-1.05	0.326	0.588	0.001	7243.7	2011-08-24
Link_12	Node_75	Node_10	3.277	-1.05	0.105	1.443	0.032	1179.2	2011-08-24
Link_120	H5_GC	H5_Inflow_Dummy	0.000	-0.44	1.400	0.740		27606.1	2011-08-24
Link_121	H5_Outflow_Dummy	H5_OF	0.000	-0.47	1.403	0.720		27462.0	2011-08-24
Link_128	H7-PA-005	Node_74	2.723	0.36	0.105	0.473	0.039	1179.2	2011-08-24
Link_131	H7-15-012D	Node_76	12.682	-0.33	1.755	0.513	0.138	20915.0	2011-08-24
Link_133	14VO-14-007	Node_78	0.417	1.27	0.186	0.467	0.446	1829.9	2011-08-24
Link_135	Node_80	5	0.000	-0.41	2.347	0.370		21491.2	2011-08-24
Link_137	Outfall3Gate2	Outfall3	2.174	-0.85	0.759	0.408	0.349	10016.0	2011-08-24
Link_138	OF-H1-V2	HWF-OB-001	0.603	-0.55	1.812	0.847	3.006	12055.0	2011-08-24
Link_139	H4-PA-004	H4-PA-005	1.720	0.64	-0.242	0.995	-0.140	-1131.2	2011-08-24
Link_140	H1-HA-130	PR_DH_MH1	0.559	0.89	0.070	1.454	0.125	827.8	2011-08-24
Link_143	RG-3	H2-WA-005A	1.342	5.00	0.000	0.010	0.000	3.7	2011-08-24
Link_166	HHA-OF	Node_92	10.895	2.63	0.134	0.187	0.012	3897.8	2011-08-24
Link_167	Node_92	Node_34	18.012	2.45	0.612	0.335	0.034	8874.0	2011-08-24
Link_168	H1-OB-122A	MH-T7-OBS	1.169	0.83	0.477	2.600	0.408	2230.5	2011-08-24
Link_170	H1-OB-101	MH-T5-OBS	0.357	0.83	0.251	3.010	0.705	3492.8	2011-08-24
Link_171	T5-OBS_A	MH-T5-OBS	0.106	0.77	0.098	7.250	0.926	35.1	2011-08-24
Link_173	H1-OB-080A	H1-OB-077	3.082	0.64	1.833	1.927	0.595	31363.5	2011-08-24
Link_175	MH-T6-NEW	H1-NE-029A	1.182	0.81	0.316	2.557	0.267	2858.5	2011-08-24
Link_177	H1-JA-034	MH-T2-2STB	1.267	0.86	0.259	4.504	0.204	2488.1	2011-08-24
Link_183	Node_118	T2-4ST	0.000	1.10	0.000	0.005		0.0	2011-08-24
Link_203	H4-JA-002	MH-T5-5STB	6.157	0.84	0.065	2.289	0.011	322.0	2011-08-24
Link_241	H5-MA-762	H5-MA-764	0.098	0.71	-0.046	3.460	-0.463	81.1	2011-08-24
Link_246	H1-MA-048	H1-MA-044	0.530	0.90	0.115	2.850	0.217	1334.1	2011-08-24
Link_257	H1-JE-023	H1-01-080	0.121	0.83	0.564	1.495	4.662	7357.6	2011-08-24
Link_260	H5-AD-717	H5-AD-714	0.051	0.76	0.021	3.774	0.403	288.4	2011-08-24
Link_263	H4-AD-002	H4-AD-010	0.704	0.68	0.032	1.364	0.046	353.5	2011-08-24
Link_266	H1-AD-048	H1-AD-043	0.585	0.92	0.122	2.207	0.209	1402.3	2011-08-24
Link_272	H4-GR-009	H4-GR-008	1.125	0.66	0.033	0.915	0.030	372.0	2011-08-24
Link_277	H1-GR-046	H1-GR-038	0.504	0.91	0.123	2.258	0.243	792.0	2011-08-24
Link_294	H3-05-090	H3-WI-015	0.881	0.89	0.262	3.048	0.297	3916.5	2011-08-24
Link_296	H7-WI-009	H7-WI-010	0.287	0.70	0.136	1.248	0.473	1794.2	2011-08-24
Link_300	H4-CL-018	H4-CL-020	0.091	0.71	0.042	2.854	0.460	458.0	2011-08-24
Link_307	H1-GA-017	H1-GA-012	1.135	0.46	0.651	1.265	0.573	5793.8	2011-08-24
Link_312	Node_91	HHA-OF	10.895	2.72	0.011	0.074	0.001	-3.6	2011-08-24
Link_314	T7-OBS	T7OBS-Weir-Dummy	0.000	0.82	0.067	1.211		28.3	2011-08-24
Link_34	Node_30	Node_31	19.937	1.06	-0.039	0.173	-0.002	-98.7	2011-08-24
Link_35	Node_61	Node_33	2.333	0.57	0.200	0.196	0.086	1729.1	2011-08-24
Link_36	Node_67	Node_32	0.469	0.65	0.084	2.674	0.178	815.5	2011-08-24
Link_38	Node_31	Node_35	0.253	1.10	-0.062	0.923	-0.244	-688.7	2011-08-24
Link_382	NJT-OVERFLOW	Node_37	0.830	0.97	0.326	0.361	0.392	7710.6	2011-08-24

Link_39	Node_35	Node_36	0.820	2.03	-0.228	0.329	-0.278	-1081.8	2011-08-24
Link_4	H2-OF	Outfall3Gate1	1.429	-0.42	0.761	0.884	0.533	10028.1	2011-08-24
Link_40	Node_36	NJT-OVERFLOW	0.843	1.29	0.326	0.430	0.386	7718.4	2011-08-24
Link_41	Node_37	Node_38	9.091	0.69	0.326	1.609	0.036	7475.4	2011-08-24
Link_43	Node_32	Node_31	5.051	1.05	-0.091	0.212	-0.018	-837.1	2011-08-24
Link_44	Node_38	Node_65	850.000	0.10	0.326	0.468	0.000	7369.3	2011-08-24
Link_45	Node_34	Node_36	3.917	1.47	0.550	0.554	0.140	8851.7	2011-08-24
Link_48	Node_33	Node_43	39.108	0.32	0.221	0.114	0.006	1970.8	2011-08-24
Link_49	Node_43	Node_44	56.902	-0.01	0.220	0.087	0.004	1968.4	2011-08-24
Link_50	Node_44	Node_45	107.686	-0.50	0.258	0.083	0.002	2384.9	2011-08-24
Link_6	H3-RI-006	H3-INT-003A	15.996	-0.04	1.234	1.308	0.077	22624.7	2011-08-24
Link_8	HSI-05-002	HSI-05-010	0.339	3.74	0.207	0.638	0.609	2213.3	2011-08-24
Link_9	H5-11-009	H5	1.145	0.29	0.681	2.177	0.595	19959.7	2011-08-24
New2	H2-IC	H2-INT-007	3.413	-0.05	0.059	1.680	0.017	234.1	2011-08-24
New3	HWF-INT-016	OF-H4-TG2	5.961	-0.08	0.186	0.428	0.031	1541.7	2011-08-24
OF-H4-TG2.1	OF-H4-TG2	outfall5-tg	3.415	-0.29	2.344	0.616	0.687	21494.9	2011-08-24
RG-1_H2-03-020	RG-1	H2-03-020	0.600	2.06	-0.006	1.018	-0.010	5.3	2011-08-24
RG-10_H5-WA-440	RG-10	H5-WA-440	0.915	1.94	0.003	2.115	0.003	71.5	2011-08-24
RG-11_H5-WA-400	RG-11	H5-WA-400	0.944	1.95	0.006	2.222	0.006	79.4	2011-08-24
RG-12_H5-WA-400	RG-12	H5-WA-400	0.944	1.95	0.004	2.222	0.004	72.6	2011-08-24
RG-13_H5-WA-350	RG-13	H5-WA-350	0.949	1.61	-0.050	2.581	-0.052	83.3	2011-08-24
RG-14_H5-WA-356	RG-14	H5-WA-356	0.954	1.62	-0.022	2.493	-0.023	40.3	2011-08-24
RG-15_H6-WA-004	RG-15	H6-WA-004	0.900	1.74	0.007	1.733	0.008	87.1	2011-08-24
RG-2_H2-WA-005A	RG2	H2-WA-005A	1.342	5.01	0.001	0.016	0.000	21.3	2011-08-24
RG-4_H2-WA-007	RG-4	H2-WA-007	1.643	6.50	0.000	0.011	0.000	3.3	2011-08-24
RG-5_H2-WA-009	RG-5	H2-WA-009	1.375	6.51	0.001	0.331	0.001	30.3	2011-08-24
RG-6_H2-WA-011	RG-6	H2-WA-011	1.342	7.00	0.000	0.010	0.000	4.4	2011-08-24
RG-7_H5-WA-490	RG-7	H5-WA-490	0.915	3.16	0.011	0.077	0.012	111.9	2011-08-24
RG-8_H5-WA-480	RG-8	H5-WA-480	0.915	3.05	0.006	0.312	0.007	80.5	2011-08-24
RG-9_H5-WA-440	RG-9	H5-WA-440	0.977	2.07	0.006	2.115	0.006	76.4	2011-08-24
T10-MAD_A_H5-MA-764	T10-MAD_A	H5-MA-764	0.100	0.63	0.073	6.705	0.738	15.8	2011-08-24
T10-MAD-DUMMY	T10-MAD-DUMMY	T10-MAD	0.000	0.70	0.000	0.005		0.0	2011-08-24
T11-MAD_A_H5-MA-768	T11-MAD_A	H5-MA-768	0.079	0.70	0.070	8.118	0.883	-0.8	2011-08-24
T11-MAD-DUMMY	T11-MAD-DUMMY	T11-MAD	0.000	0.90	0.000	0.005		0.0	2011-08-24
T15-MAD_A_H1-MA-044	T15-MAD_A	H1-MA-044	0.086	0.90	-0.020	6.852	-0.228	8.8	2011-08-24
T15-MAD-DUMMY	T15-MAD-DUMMY	T15-MAD	0.000	1.70	0.000	0.005		0.0	2011-08-24
T16-MAD_A_H1-MA-041	T16-MAD_A	H1-MA-041	0.079	0.89	-0.046	6.766	-0.590	8.9	2011-08-24
T16-MAD-DUMMY	T16-MAD-DUMMY	T16-MAD	0.000	1.44	0.000	0.005		0.0	2011-08-24
T1-7ST_A_H4-07-190	T1-7ST_A	H4-07-190	0.079	0.70	-0.044	5.944	-0.564	-0.4	2011-08-24
T1-7ST-DUMMY	T1-7ST-DUMMY	T1-7ST	0.000	1.40	0.000	0.005		0.0	2011-08-24
T1-7ST-WEIR-DUMMY	T1-7ST	T1-7ST-WEIR-DUMMY	0.000	0.70	-0.026	1.052		12.2	2011-08-24
T1-GAR_A_H4-04-008	T1-GAR_A	H4-04-008	0.093	0.41	0.001	3.255	0.005	8.2	2011-08-24
T1-GAR-DUMMY	T1-GAR-DUMMY	T1-GAR	0.000	2.40	0.000	0.005		0.0	2011-08-24
T1-HAR_A_H4-HA-003	T1-HAR_A	H4-HA-003	0.079	0.71	0.005	4.169	0.068	43.7	2011-08-24
T1-HAR-DUMMY	T1-HAR-DUMMY	T1-HAR	0.000	1.40	0.000	0.005		0.0	2011-08-24
T1-NEW_A_H1-NE-003	T1-NEW_A	H1-NE-003	0.035	0.62	0.130	5.977	3.695	8.9	2011-08-24

T1-NEW-DUMMY	T1-NEW-DUMMY	T1-NEW	0.000	0.80	0.000	0.005		0.0	2011-08-31
T1-NEW-WEIR-DUMMY	T1-NEW	T1-NEW-WEIR-DUMMY	0.000	0.60	0.130	1.198		22.3	2011-08-31
T2-2ST_A_MH-T2-2STB	T2-2ST_A	MH-T2-2STB	0.149	0.83	0.075	10.069	0.502	-14.3	2011-08-31
T2-2ST-DUMMY	T2-2ST-DUMMY	T2-2ST	0.000	1.10	0.000	0.005		0.0	2011-08-31
T2-2ST-WEIR-DUMMY	T2-2ST	T2-2ST-WEIR-DUMMY	0.000	0.83	0.075	1.185		11.2	2011-08-31
T2-4ST_A_H1-CL-036	T2-4ST_A	H1-CL-036	0.152	0.87	0.095	5.636	0.626	42.5	2011-08-31
T2-5ST_A_H1-AD-042	T2-5ST_A	H1-AD-042	0.153	0.91	0.040	5.652	0.258	23.5	2011-08-31
T2-5ST-DUMMY	T2-5ST-DUMMY	T2-5ST	0.000	1.50	0.000	0.005		0.0	2011-08-31
T2-6ST_A_H1-JE-050	T2-6ST_A	H1-JE-050	0.186	0.90	0.082	6.203	0.441	21.9	2011-08-31
T2-6ST-DUMMY	T2-6ST-DUMMY	T2-6ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T2-7ST_A_H4-07-200	T2-7ST_A	H4-07-200	0.086	0.71	0.000	5.901	-0.004	-1.0	2011-08-31
T2-7ST-DUMMY	T2-7ST-DUMMY	T2-7ST	0.000	1.80	0.000	0.005		0.0	2011-08-31
T2-BLM_A_H4-04-007	T2-BLM_A	H1-BL-037	0.079	1.03	0.006	0.645	0.080	35.4	2011-08-31
T2-BLM-DUMMY	T2-BLM-DUMMY	T2-BLM	0.000	3.50	0.000	0.005		0.0	2011-08-31
T2-JAC_A_H4-JA-006	T2-JAC_A	H4-JA-006	0.079	0.71	0.004	4.264	0.053	22.2	2011-08-31
T2-JAC-DUMMY	T2-JAC-DUMMY	T2-JAC	0.000	1.40	0.000	0.005		0.0	2011-08-31
T2-MON_A_H5-MO-794	T2-MON_A	H5-MO-794	0.086	0.72	0.055	5.442	0.635	33.6	2011-08-31
T2-MON-DUMMY	T2-MON-DUMMY	T2-MON	0.000	1.11	0.000	0.005		0.0	2011-08-31
T3-3ST_A_H1-03-170	T3-3ST_A	H1-03-170	0.079	0.80	0.108	8.433	1.369	1.0	2011-08-31
T3-3ST-DUMMY	T3-3ST-DUMMY	T3-3ST	0.000	1.00	0.000	0.005		0.0	2011-08-31
T3-3ST-WEIR-DUMMY	T3-3ST	T3-3ST-WEIR-DUMMY	0.000	0.80	0.108	1.272		18.2	2011-08-31
T3-4ST_A_H1-AD-039	T3-4ST_A	H1-AD-039	0.122	0.90	0.079	5.778	0.646	22.9	2011-08-31
T3-4ST-DUMMY	T3-4ST-DUMMY	T3-4ST	0.000	1.32	0.000	0.005		0.0	2011-08-31
T3-6ST_A_H1-MA-048	T3-6ST_A	H1-MA-048	0.172	0.89	0.057	7.003	0.330	-6.9	2011-08-31
T3-6ST-DUMMY	T3-6ST-DUMMY	T3-6ST	0.000	1.40	0.000	0.005		0.0	2011-08-31
T3-ADM_A_H5-AD-714	T3-ADM_A	H5-AD-714	0.086	0.74	-0.025	4.711	-0.286	10.3	2011-08-31
T3-ADM-DUMMY	T3-ADM-DUMMY	T3-ADM	0.000	1.55	0.000	0.005		0.0	2011-08-31
T3-GND-DUMMY	T3-GND-DUMMY	T3-GND	0.000	1.83	0.000	0.005		0.0	2011-08-31
T3-JAC_A_H4-JA-004	T3-JAC_A	H4-JA-004	0.093	0.71	0.068	7.003	0.730	3.0	2011-08-31
T3-JAC-DUMMY	T3-JAC-DUMMY	T3-JAC	0.000	1.13	0.000	0.005		0.0	2011-08-31
T3-OBS_A_H1-OB-080A	T3-OBS_A	H1-OB-080A	0.109	0.64	0.060	5.455	0.548	139.8	2011-08-31
T3-OBS-DUMMY	T3-OBS-DUMMY	T3-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
T3-OBS-WEIR-DUMMY	T3-OBS	T3-BS-WEIR-DUMMY	0.000	0.64	0.059	1.131		148.3	2011-08-31
T4-4ST_A_H1-MA-038	T4-4ST_A	H1-MA-038	0.130	0.78	0.100	10.923	0.764	-26.3	2011-08-31
T4-4ST-DUMMY	T4-4ST-DUMMY	T4-4ST	0.000	0.93	0.000	0.005		0.0	2011-08-31
T4-5ST_A_H1-MA-041	T4-5ST_A	H1-MA-041	0.145	0.87	0.095	7.048	0.654	10.1	2011-08-31
T4-5ST-DUMMY	T4-5ST-DUMMY	T4-5ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T4-6ST_A_H1-MO-057	T4-6ST_A	H1-MO-057	0.141	0.84	0.094	10.969	0.670	-51.2	2011-08-31
T4-6ST-DUMMY	T4-6ST-DUMMY	T4-6ST	0.000	1.13	0.000	0.005		0.0	2011-08-31
T4-GND_A_H4-GR-008	T4-GND_A	H4-GR-008	0.086	0.66	0.004	2.902	0.042	21.0	2011-08-31
T4-GND-DUMMY	T4-GND-DUMMY	T4-GND	0.000	1.72	0.000	0.005		0.0	2011-08-31
T5-5ST_A_H1-JA-046	T5-5ST_A	MH-T5-5STB	0.141	0.83	0.068	9.392	0.483	27.2	2011-08-31
T5-5ST-DUMMY	T5-5ST-DUMMY	T5-5ST	0.000	1.05	0.000	0.005		0.0	2011-08-31
T5-9ST_A_H4-GR-012	T5-9ST_A	H4-GR-012	0.149	0.67	0.000	5.134	0.001	-0.8	2011-08-31
T5-9ST-DUMMY	T5-9ST-DUMMY	T5-9ST	0.000	1.83	0.000	0.005		0.0	2011-08-31

T5-GND_A_H1-GR-054	T5-GND_A	H1-GR-054	0.079	0.91	0.059	7.121	0.750	12.4	2011-08-24
T5-GND-DUMMY	T5-GND-DUMMY	T5-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T5-JAC_A_H1-JA-043	T5-JAC_A	H1-JA-043	0.100	0.71	0.138	9.945	1.390	21.3	2011-08-24
T5-JAC-DUMMY	T5-JAC-DUMMY	T5-JAC	0.000	0.75	0.000	0.005		0.0	2011-08-24
T5-JEF_A_H5-11-730	T5-JEF_A	H5-11-730	0.078	0.72	0.000	5.544	-0.003	1.5	2011-08-24
T5-JEF-DUMMY	T5-JEF-DUMMY	T5-JEF	0.000	1.70	0.000	0.005		0.0	2011-08-24
T5-OBS-DUMMY	T5-OBS-DUMMY	T5-OBS	0.006	1.01	0.000	0.005	0.000	0.0	2011-08-24
T5-OBS-WEIR-DUMMY	T5-OBS	T5-OBS-WEIR-DUMMY	0.000	0.77	0.098	1.266		47.2	2011-08-24
T6-4ST_A_H1-HA-141	T6-4ST_A	H1-HA-141	0.035	0.84	0.054	4.382	1.541	56.6	2011-08-24
T6-4ST_DUMMY	T6-4ST-DUMMY	T6-4ST	0.000	1.10	0.000	0.005		0.0	2011-08-24
T6-5ST_A_H1-MO-047	T6-5ST_A	H1-MO-047	0.153	0.86	-0.089	11.219	-0.583	-40.3	2011-08-24
T6-5ST-DUMMY	T6-5ST-DUMMY	T6-5ST	0.000	1.14	0.000	0.005		0.0	2011-08-24
T6-ADM_A_H4-AD-010	T6-ADM_A	H4-AD-010	0.085	0.68	0.008	3.152	0.094	65.1	2011-08-24
T6-ADM-DUMMY	T6-ADM-DUMMY	T6-ADM	0.000	1.63	0.000	0.005		0.0	2011-08-24
T6-GND_A_H1-GR-045	T6-GND_A	H1-GR-046	0.101	0.91	0.012	5.492	0.119	29.6	2011-08-24
T6-GND-DUMMY	T6-GND-DUMMY	T6-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T6-JEF_A_H5-JE-742	T6-JEF_A	H5-JE-742	0.070	0.73	0.007	5.148	0.102	42.9	2011-08-24
T6-JEF-DUMMY	T6-JEF-DUMMY	T6-JEF	0.000	1.60	0.000	0.005		0.0	2011-08-24
T6-MON_A_H4-MO-001	T6-MON_A	H4-MO-001	0.093	0.71	-0.035	6.813	-0.373	24.7	2011-08-24
T6-MON-DUMMY	T6-MON-DUMMY	T6-MON	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW_A_MH-T6-NEW	T6-NEW_A	MH-T6-NEW	0.090	0.82	0.017	4.938	0.192	55.1	2011-08-24
T6-NEW-DUMMY	T6-NEW-DUMMY	T6-NEW	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW-WEIR-DUMMY	T6-NEW	T6-NEW-WEIR-DUMMY	0.000	0.82	0.015	1.049		63.2	2011-08-24
T7-5ST_A_MH-T5-TSTB	T7-5ST_A	MH-T5-5STB	0.145	0.84	-0.083	9.423	-0.572	-46.3	2011-08-24
T7-5ST-DUMMY	T7-5ST-DUMMY	T7-5ST	0.000	1.05	0.000	0.005		0.0	2011-08-24
T7-JEF_A_H1-JE-031	T7-JEF_A	H1-JE-031	0.070	0.81	0.116	7.640	1.653	20.3	2011-08-24
T7-JEF-DUMMY	T7-JEF-DUMMY	T7-JEF	0.000	1.05	0.000	0.005		0.0	2011-08-24
T7-JEF-WEIR-DUMMY	T7-JEF	T7-JEF-WEIR-DUMMY	0.000	0.81	0.116	1.251		34.9	2011-08-24
T7-MON_A_H1-MO-062	T7-MON_A	H1-MO-062	0.086	0.87	0.089	8.435	1.034	7.6	2011-08-24
T7-MON-DUMMY	T7-MON-DUMMY	T7-MON	0.000	1.22	0.000	0.005		0.0	2011-08-24
T7-OBS_MH-T7-OBS	T7-OBS_A	MH-T7-OBS	0.110	0.82	0.067	5.776	0.613	20.1	2011-08-24
T7-OBS-DUMMY	T7-OBS-DUMMY	T7-OBS	0.000	1.20	0.000	0.005		0.0	2011-08-24
T8=ADM=DUMMY	T8-ADM-DUMMY	T8-ADM	0.000	1.50	0.000	0.005		0.0	2011-08-24
T8-ADM_A_H1-AD-043	T8-ADM_A	H1-AD-043	0.091	0.92	0.039	5.722	0.429	85.5	2011-08-24
T8-JEF_A_H1-JE-023	T8-JEF_A	H1-JE-023	0.086	0.81	0.100	5.704	1.160	38.6	2011-08-24
T8-JEF-DUMMY	T8-JEF-DUMMY	T8-JEF	0.000	1.20	0.000	0.005		0.0	2011-08-24
T8-JEF-WEIR-DUMMY	T8-JEF	T8-JEF-WEIR-DUMMY	0.000	0.80	0.099	1.220		46.6	2011-08-24
T8-MAD_A_H5-11-750	T8-MAD_A	H5-11-750	0.100	0.72	0.030	5.366	0.305	11.9	2011-08-24
T8-MAD-DUMMY	T8-MAD-DUMMY	T8-MAD	0.000	1.30	0.000	0.005		0.0	2011-08-24
T9-ADM_A_H1-AD-035	T9-ADM_A	H1-03-140	0.070	0.82	0.120	8.629	1.710	65.1	2011-08-24
T9-ADM-DUMMY	T9-ADM-DUMMY	T9-ADM	0.000	1.05	0.000	0.005		0.0	2011-08-24
T9-MAD_A_H5-11-750	T9-MAD_A	H5-11-750	0.088	0.72	-0.037	5.389	-0.422	13.1	2011-08-24
T9-MAD-DUMMY	T9-MAD-DUMMY	T9-MAD	0.000	1.30	0.000	0.005		0.0	2011-08-24
TD12-13ST_A_H5-CL-648	TD12-13ST_A	H5-CL-648	0.149	0.66	0.001	5.425	0.005	-0.8	2011-08-24
TD12-13ST-DUMMY	TD12-13ST-DUMMY	TD12-13ST	0.000	2.03	0.000	0.005		0.0	2011-08-24
TD14-CLA_A_H1-CL-036	TD14-CLA_A	H1-CL-036	0.035	0.87	0.059	5.642	1.685	15.4	2011-08-24

TD14-CLA-DUMMY	TD14-CLA-DUMMY	TD14-CLA	0.000	1.33	0.000	0.005		0.0	2011-08-31
TD1-4ST_A_H1-CL-036	TD1-4ST_A	H1-CL-036	0.145	0.87	0.098	5.629	0.677	6.3	2011-08-31
TD1-4ST-DUMMY	TD1-4ST-DUMMY	TD1-4ST	0.000	1.23	0.000	0.005		0.0	2011-08-31
TD1-WIL_A_H3-WI-022	TD1-WIL_A	H3-WI-022	0.079	0.87	-0.028	4.944	-0.358	18.4	2011-08-31
TD1-WIL-DUMMY	TD1-WIL-DUMMY	TD1-WIL	0.000	1.54	0.000	0.005		0.0	2011-08-31
TD23-CLA_A_H3-CL-007	TD23-CLA_A	H3-CL-007	0.050	0.91	0.011	4.677	0.230	27.5	2011-08-31
TD23-CLA-DUMMY	TD23-CLA-DUMMY	TD23-CLA	0.000	1.60	0.000	0.005		0.0	2011-08-31
TD25-WIL_A_H7-WI-009	TD6-WIL_A	H3-WI-015	0.079	0.88	0.016	4.759	0.199	19.0	2011-08-31
TD25-WIL_A_H7-WI-010	TD25-WIL_A	H7-WI-010	0.086	0.65	0.007	3.286	0.075	58.2	2011-08-31
TD25-WIL-DUMMY	TD25-WIL-DUMMY	TD25-WIL	0.000	1.60	0.000	0.005		0.0	2011-08-31
TD30-CLA_A_H4-CL-020	TD30-CLA_A	H4-CL-020	0.103	0.70	0.003	2.640	0.033	18.8	2011-08-31
TD30-CLA-DUMMY	TD30-CLA-DUMMY	TD30-CLA	0.000	1.85	0.000	0.005		0.0	2011-08-31
TD31-CLA_A_H5-CL-662	TD31-CLA_A	H5-CL-662	0.086	0.73	-0.016	0.933	-0.191	12.1	2011-08-31
TD31-CLA-DUMMY	TD31-CLA-DUMMY	TD31-CLA	0.000	2.89	0.000	0.005		0.0	2011-08-31
TD4-OBS_A_H1-OB-071	TD4-OBS_A	H1-OB-071	0.110	0.54	-0.041	7.565	-0.377	-10.2	2011-08-31
TD4-OBS-DUMMY	TD4-OBS-DUMMY	TD4-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
TD4-OBS-WEIR-DUMMY	TD4-OBS	TD4-OBS-WEIR-DUMMY	0.000	0.54	-0.022	1.010		9.5	2011-08-31
TD6-WIL-DUMMY	TD6-WIL-DUMMY	TD6-WIL	0.000	1.53	0.000	0.005		0.0	2011-08-31
TD8-GAR_A_H1-GA-012	TD8-GAR_A	H1-GA-012	0.086	0.41	0.006	5.244	0.073	37.8	2011-08-31
TD8-GAR-DUMMY	TD8-GAR-DUMMY	TD8-GAR	0.000	1.20	0.000	0.005		0.0	2011-08-31
TD8-GAR-WEIR-DUMMY	TD8-GAR	TD8-GAR-WEIR-DUMMY	0.000	0.41	0.006	1.010		48.3	2011-08-31

MIKE URBAN Hydraulic Results

Proposed DSD Alternatives: 10-Year Rainfall Event at Low Tide

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File Overview

Working dir :	C:\Projects\50074974\MIKEURBAN\ProposedAlternatives\	-
Sewer network data (UND) :	2D_Prop_LT_10yrProposedAlt.MEX	7/7/2016 12:48:50 PM
Hydrological data (HGF) :	2D_Prop_LT_10yrProposedAlt.MEX	7/7/2016 12:48:50 PM
Additional parameters file (ADP) :	-	-
Dry weather flow data (DWF) :	2D_Prop_LT_10yrProposedAlt.MEX	7/7/2016 12:48:50 PM
Repetitive profile data (RPF) :	-	-
Runoff Hydrographs (CRF) :	RO_Prop_10yrProposedAlt.CRF	7/6/2016 6:58:48 PM
Hotstart file (PRF) :	-	-
Result File (PRF) :	2D_Prop_LT_10yrProposedAlt.PRF	7/7/2016 12:49:00 PM
Reduced result file (PRF) :	-	-

Time Overview

Simulation start date :	2011-08-27 09:00:00	Calculation started :	2016-07-07 12:48:59
Simulation end date :	2011-08-28 09:00:00	Calculation ended :	2016-07-08 00:54:21
Save time step [hh:mm:ss] :	0:10:00	Calculation time [hh:mm:ss] :	12:05:22
Maximum time step [sec] :	0.75	Hotstart start date :	-
Minimum time step [sec] :	0.75		

Input Summary

Number of Manholes:	845
Number of Basins:	96
Number of Outlets:	10
Number of Storage Nodes:	0
Number of Circular Pipes:	568
Number of Rectangular pipes:	325
Number of CRS defined pipes:	3
Number of Pumps:	8
Number of Controlled Pumps:	0
Number of Weirs/Orifices:	97
Number of Controlled Weirs/Gates:	0
Number of Valves:	0
Number of Controlled Valves:	0

Nodes

Min Invert Level	WWTP	-100.00 m
Max Invert Level	14VO-02-001D	45.05 m
Min Ground Level	H1-WW	0.00 m
Max Ground Level	14VO-02-001D	45.78 m
Min X Coordinate	Node_45	5.8064E05 m
Max X Coordinate	Node_79	5.8258E05 m
Min Y Coordinate	Node_62	4.5097E06 m
Max Y Coordinate	H7-GR-001	4.5124E06 m
Total Manhole Volume		4950.3 m3
Total Basin Volume		842947.9 m3

Links

Total Circular Volume	71116.2 m3
Total CRS Volume	88166.1 m3
Total Length	77685.00 m

Simulation Result Summary

Continuity Balance

1 : Start volume in Pipes, Manholes and Structures	881419.7 m3
2 : End volume in Pipes, Manholes and Structures	966528.1 m3
3 : Total inflow volume	
Specified inflows	
Runoff :	321201.9 m3
DWF :	2053.4 m3
Non-specified inflows	
Outlets (inflow) :	4.2 m3
Inflow from 2D overland :	5545.4 m3
	328804.8 m3 --> 328804.8 m3
4 : Total diverted volume	
Operational, non-specified outflows	
Outlets :	199425.9 m3
Pumps :	68194.1 m3
Flow to 2D overland :	5302.9 m3
	272922.9 m3 --> 272922.9 m3
5 : Water generated in empty parts of the system :	4096.4 m3
6 : Continuity Balance = (2-1) - (3-4+5) :	25130.1 m3
Continuity Balance max value :	25130.1 m3
Continuity Balance min value :	0.0 m3

2D overland**Inflows from 2D overland**

Manholes/basins:	5545.4 m3
Outlets:	0.0 m3
Total:	5545.4 m3

Outflows to 2D overland

Manholes/basins: 5302.9 m3
Pumps: 0.0 m3
Weirs: 0.0 m3
Outlets: 0.0 m3
Diverted Runoff: 1470.8 m3
Total: 6773.7 m3

Boundary Connections

Outlet levels

Boundary Condition ID	Location	Temporal variation	Value/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
							m	m
BC_38	HWF-14-001A	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_39	5	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_40	Node_40	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_41	Node_39	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_42	Node_10	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_43	Outfall8	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_44	Outfall6	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_45	Outfall3	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_46	HWF-OB-001	Constant	-1.05	Unlimited	-	-	-1.05	-1.05

Network loads (discharges)

Boundary Condition ID	Type	Load Type	Connection Type	Location	Temporal variation	Value/pattern/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
										m3/s	
Block12_Basin 2	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	
Block12_Basin1	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	
Block12_Basin3	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	
CityHall	Discharge	Storm Runoff	Individual	H1-BL-016	Time Series	CityHall_Outflow.dfs0	Unlimited	-	-	0.000	
HWF-10	Discharge	DWF	Individual	H2-01-002	Constant	0.001	Unlimited	-	-	0.001	
HWF-11	Discharge	DWF	Individual	H3-RI-001	Constant	0.001	Unlimited	-	-	0.001	
HWF-12	Discharge	DWF	Individual	H2-HP-001A	Constant	0.002	Unlimited	-	-	0.002	
HWF-13	Discharge	DWF	Individual	H2-HP-001A	Constant	0.003	Unlimited	-	-	0.003	
HWF-5	Discharge	DWF	Individual	H5-HU-015	Constant	0.009	Unlimited	-	-	0.009	
HWF-6	Discharge	DWF	Individual	H5-HU-020	Constant	0.002	Unlimited	-	-	0.002	
HWF-7	Discharge	DWF	Individual	H3-RI-006	Constant	0.002	Unlimited	-	-	0.002	
HWF-8	Discharge	DWF	Individual	H3-RI-003	Constant	0.001	Unlimited	-	-	0.001	
HWF-9	Discharge	DWF	Individual	H2-RI-004	Constant	0.001	Unlimited	-	-	0.001	
Total :											

Network loads (discharges), summary by Load type

Load Type	Accumulated Value
	m3
Storm Runoff	384.1
DWF	2053.4
Total :	2437.5

Network loads (discharges), summary by Temporal variation

Temporal variation	Accumulated Value
	m3
Constant	2053.4
Time Series	384.1
Total :	2437.5

Weir/Orifice-Gate/Valve Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum
	[m3/s]	[m3/s]	[m3]		
H1.4	0.000	4.641	85874.8	2011-08-27 09:00:00	2011-08-27 22:00:00
H2.4	0.000	0.910	12165.4	2011-08-27 09:00:00	2011-08-27 22:00:00
H3.4	0.000	1.111	20442.8	2011-08-27 09:00:00	2011-08-27 22:00:00
H4.4	0.000	1.871	20676.9	2011-08-27 09:00:00	2011-08-27 22:00:00
H5.4	0.000	1.657	37536.4	2011-08-27 09:00:00	2011-08-27 22:00:00
H5_WW_Weir	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
H6.4	0.000	0.753	9514.7	2011-08-27 09:00:00	2011-08-27 22:00:00
H7.4	-0.069	0.018	-727.4	2011-08-27 21:50:00	2011-08-28 02:00:00
HS1.3	0.000	0.216	2092.1	2011-08-27 09:00:00	2011-08-27 21:50:00
Weir_100	-0.055	0.051	-44.9	2011-08-27 20:30:00	2011-08-27 23:20:00
Weir_101	-0.057	0.083	47.1	2011-08-27 21:00:00	2011-08-28 00:00:00
Weir_103	-0.055	0.100	15.2	2011-08-27 22:00:00	2011-08-27 22:40:00
Weir_107	-0.017	0.060	42.4	2011-08-27 21:50:00	2011-08-27 22:20:00
Weir_110	-0.077	0.086	22.0	2011-08-27 20:40:00	2011-08-27 23:20:00
Weir_111	-0.038	0.081	9.7	2011-08-27 22:00:00	2011-08-27 22:30:00
Weir_113	-0.018	0.039	33.2	2011-08-27 21:50:00	2011-08-27 22:20:00
Weir_116	0.000	0.004	32.0	2011-08-27 09:00:00	2011-08-27 21:40:00
Weir_118	0.000	0.004	29.1	2011-08-27 09:00:00	2011-08-27 21:50:00
Weir_119	0.000	0.001	7.6	2011-08-27 09:00:00	2011-08-28 01:00:00
Weir_120	-0.059	0.089	11.3	2011-08-27 21:50:00	2011-08-27 22:40:00
Weir_121	-0.065	0.082	27.2	2011-08-27 21:50:00	2011-08-27 23:10:00
Weir_123	-0.043	0.093	50.1	2011-08-27 21:50:00	2011-08-27 22:30:00
Weir_125	-0.035	0.083	22.2	2011-08-27 22:00:00	2011-08-27 22:30:00
Weir_129	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
Weir_69	-0.052	0.068	30.8	2011-08-27 21:10:00	2011-08-27 22:50:00
Weir_70	-0.015	0.047	74.2	2011-08-27 21:50:00	2011-08-27 22:20:00
Weir_73	-0.076	0.096	51.7	2011-08-27 21:00:00	2011-08-27 23:20:00
Weir_75	-0.051	0.073	-0.1	2011-08-27 20:50:00	2011-08-27 22:20:00
Weir_76	-0.007	0.051	53.5	2011-08-27 21:50:00	2011-08-27 22:10:00
Weir_77	-0.106	0.128	19.7	2011-08-27 21:00:00	2011-08-27 23:10:00
Weir_81	-0.085	0.108	11.9	2011-08-27 21:00:00	2011-08-27 23:20:00
Weir_82	-0.077	0.120	93.5	2011-08-27 21:10:00	2011-08-27 23:10:00
Weir_83	-0.055	0.061	56.7	2011-08-27 21:00:00	2011-08-27 23:50:00
Weir_84	-0.105	0.149	41.0	2011-08-27 21:00:00	2011-08-28 00:20:00
Weir_85	-0.080	0.107	-15.2	2011-08-27 21:10:00	2011-08-27 23:50:00
Weir_87	-0.039	0.097	56.4	2011-08-27 21:10:00	2011-08-27 22:40:00

Weir_88	-0.050	0.102	25.4	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_89	-0.043	0.098	11.4	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_91	0.000	0.002	25.2	2011-08-27 09:00:00	2011-08-27 23:00:00
Weir_94	-0.028	0.071	34.1	2011-08-27 21:50:00	2011-08-27 22:30:00
Weir_99	-0.084	0.081	-29.3	2011-08-27 20:40:00	2011-08-27 23:20:00
Weir_B10	-0.437	0.497	1862.1	2011-08-27 20:50:00	2011-08-28 01:20:00
Weir_BASF	0.000	0.806	4847.2	2011-08-27 09:00:00	2011-08-28 01:10:00
Weir_CLA-PS	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
Weir_HHA	0.000	0.233	403.8	2011-08-27 09:00:00	2011-08-27 22:40:00
Weir_T15-MAD	-0.047	0.012	22.7	2011-08-27 21:00:00	2011-08-27 22:10:00
Weir_T16-MAD	-0.022	0.051	19.7	2011-08-27 21:40:00	2011-08-27 22:20:00
Weir_T1-HAR	-0.015	0.041	61.9	2011-08-27 21:50:00	2011-08-27 22:20:00
Weir_T2-2ST	-0.065	0.072	-2.6	2011-08-27 21:00:00	2011-08-27 23:40:00
Weir_T2-6ST	-0.046	0.087	32.1	2011-08-27 21:40:00	2011-08-27 22:50:00
Weir_T2-7ST	-0.038	0.004	-7.7	2011-08-27 22:00:00	2011-08-27 22:10:00
Weir_T2-BLM	0.000	0.008	52.8	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_T3-4ST	-0.034	0.076	33.2	2011-08-27 21:40:00	2011-08-27 22:50:00
Weir_T3-6ST	-0.041	0.060	-1.4	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_T3-ADM	-0.010	0.015	21.6	2011-08-27 22:00:00	2011-08-27 22:10:00
Weir_T3-GND	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
Weir_T3-OBS	-0.029	0.105	180.0	2011-08-27 21:10:00	2011-08-27 22:30:00
Weir_T4-5ST	-0.068	0.093	20.5	2011-08-27 20:40:00	2011-08-27 23:00:00
Weir_T4-6ST	-0.094	0.096	-44.7	2011-08-27 20:40:00	2011-08-27 23:40:00
Weir_T5-GND	-0.058	0.104	26.2	2011-08-27 20:50:00	2011-08-27 22:30:00
Weir_T5-JEF	-0.015	0.004	14.0	2011-08-27 21:30:00	2011-08-27 22:00:00
Weir_T6-ADM	0.000	0.009	89.2	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_T6-JEF	-0.008	0.033	66.1	2011-08-27 22:00:00	2011-08-27 22:10:00
Weir_T6-MON	-0.026	0.063	47.6	2011-08-27 22:00:00	2011-08-27 22:30:00
Weir_T7-JEF	-0.081	0.114	34.7	2011-08-27 21:10:00	2011-08-27 23:10:00
Weir_T8-ADM	-0.022	0.071	112.7	2011-08-27 21:50:00	2011-08-27 22:30:00
Weir_T8-JEF	-0.053	0.098	53.5	2011-08-27 21:10:00	2011-08-27 22:50:00
Weir_T9-MAD	-0.033	0.078	24.9	2011-08-27 22:00:00	2011-08-27 22:20:00
Weir_TD1-WIL	-0.045	0.082	28.3	2011-08-27 20:50:00	2011-08-27 22:30:00
Weir_TD23-CLA	-0.021	0.073	39.1	2011-08-27 21:50:00	2011-08-27 22:20:00
Weir_TD25-WIL	0.000	0.010	76.8	2011-08-27 09:00:00	2011-08-27 22:10:00
Weir_TD31-CLA	0.000	0.005	23.8	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_TD6-WIL	-0.022	0.070	28.5	2011-08-27 21:50:00	2011-08-27 22:20:00
H1.1	-0.124	0.069	-739.5	2011-08-27 22:10:00	2011-08-27 17:30:00
H1-WW.1	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
H2.1	-0.009	0.040	361.2	2011-08-27 23:00:00	2011-08-27 20:30:00
H2-WW.2	-0.009	0.040	112.7	2011-08-27 23:00:00	2011-08-27 20:30:00
H3.1	0.000	0.114	5360.3	2011-08-27 09:00:00	2011-08-27 22:00:00
H3-WW.2	0.000	0.180	7471.5	2011-08-27 15:10:00	2011-08-27 21:20:00
H4.1	0.000	0.105	4644.3	2011-08-27 09:00:00	2011-08-27 21:20:00
H4-WW.1	0.000	0.105	3654.9	2011-08-27 09:00:00	2011-08-27 21:20:00
H5.1	0.000	0.154	7328.0	2011-08-27 09:00:00	2011-08-27 10:30:00

H5-WW.1	0.000	0.118	5110.3	2011-08-27 09:00:00	2011-08-27 10:30:00
H6.1	-0.010	0.025	690.4	2011-08-27 10:50:00	2011-08-27 20:20:00
H6-WW.2	-0.001	0.031	916.3	2011-08-27 11:20:00	2011-08-27 20:20:00
H7.1	-0.017	0.069	606.8	2011-08-28 02:00:00	2011-08-27 21:50:00
H7-WW.2	-0.003	0.017	158.0	2011-08-28 02:00:00	2011-08-27 21:50:00
Orifice_13	0.000	0.897	12006.4	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_3	0.000	3.830	58125.5	2011-08-27 09:00:00	2011-08-27 23:20:00
Orifice_5	0.000	0.424	9622.8	2011-08-27 09:00:00	2011-08-27 22:30:00
Orifice_7	0.000	0.132	1487.9	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_8	0.000	2.052	25716.0	2011-08-27 09:00:00	2011-08-27 21:50:00
Orifice_9	0.000	0.228	2495.9	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_B10	-0.060	0.044	503.3	2011-08-27 20:30:00	2011-08-28 02:30:00
Orifice_BASF	0.000	0.117	4071.4	2011-08-27 09:00:00	2011-08-28 01:00:00
Orifice_HHA	0.000	0.103	4412.0	2011-08-27 09:00:00	2011-08-27 22:50:00
outfall5-tg	0.000	2.987	32072.9	2011-08-27 09:00:00	2011-08-27 22:00:00

Pumps - Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum	Pump starts	Dry stops (1)	Speed	Operation total	Operation above dH or H range of RPMmax curve
	[m3/s]	[m3/s]	[m3]			[Count]	[Count]		[Hr:Min:Sec]	[Hr:Min:Sec]
11PS.3	0.000	0.173	14520.0	2011-08-27 09:00:00	2011-08-27 22:00:00	16	0	Constant	23:19:11	-
5PS.3	0.000	0.440	21745.5	2011-08-27 09:00:00	2011-08-27 20:30:00	1	0	Variable	17:32:37	-
5PS.4	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Variable	0:00:00	-
CLA-PS.1	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Constant	0:00:00	-
H1-WW.3	0.000	2.650	68194.1	2011-08-27 09:00:00	2011-08-27 20:20:00	800	0	Constant	9:17:18	-
H5PS	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Constant	0:00:00	-
Pump_BASF	0.000	0.566	8921.9	2011-08-27 09:00:00	2011-08-28 01:00:00	302	11	Constant	5:13:06	-
Pump_HHA	0.000	0.316	4816.0	2011-08-27 09:00:00	2011-08-27 21:30:00	466	17	Constant	5:31:50	-

(1) : Pump stops due to dry pump well.

Warning: Dry stops occurred during the simulation. Insufficient volume below the stop level to let the pump decelerate normally.

Recommended: Check pump well volume, pump curve, acceleration-/deceleration time, start/stop conditions and other input data.

Links - Result summary

LinkID	From Node	To Node	Qf	Hmax	Qmax	Hmax/D	Qmax/Qf	Flow - Accumulated	Ti
			[m3/s]	[m]	[m3/s]			[m3]	
14VO-02-001D_14VO-MA-001B	14VO-02-001D	14VO-MA-001B	0.282	45.79	0.136	2.409	0.483	1442.3	2011-08-27 22:00:00
14VO-14-001_14VO-14-002	14VO-14-001	14VO-14-002	0.164	25.53	0.018	1.345	0.111	171.5	2011-08-27 22:00:00
14VO-14-001_14VO-14-005	14VO-14-001	14VO-14-005	0.228	25.47	0.028	1.366	0.125	268.7	2011-08-27 22:00:00
14VO-14-001C_14VO-14-001	14VO-14-001C	14VO-14-001	0.246	29.19	0.047	0.477	0.191	440.7	2011-08-27 22:00:00
14VO-14-002_14VO-14-006	14VO-14-002	14VO-14-006	0.226	25.30	0.178	4.238	0.789	1942.0	2011-08-27 22:00:00
14VO-14-005_14VO-14-007	14VO-14-005	14VO-14-007	0.061	1.40	0.045	1.241	0.739	461.3	2011-08-27 22:00:00
14VO-14-006_14VO-14-007	14VO-14-006	14VO-14-007	0.078	2.12	0.187	3.010	2.391	2051.1	2011-08-27 22:00:00
14VO-14-007_HWF-14-001A	Node_79	HWF-14-001A	0.659	-0.87	0.228	0.396	0.346	2495.9	2011-08-27 22:00:00

14VO-MA-001_14VO-14-002	14VO-MA-001	14VO-14-002	0.180	41.51	0.132	1.345	0.731	1434.2	2011-08-24
14VO-MA-001B_14VO-MA-001	14VO-MA-001B	14VO-MA-001	0.123	45.44	0.132	2.816	1.071	1438.1	2011-08-24
B10-MH_H1-OB-122A	B10-MH	H1-OB-122A	0.867	0.84	0.498	3.255	0.574	2359.3	2011-08-24
B10-STOR-A_B10-MH	B10-STOR-A	B10-MH	0.718	0.71	0.498	2.674	0.693	2363.7	2011-08-24
BASF-FM	BASF-FM	BASF-OF	0.000	5.74	0.566	9.422		8698.3	2011-08-24
Dummy_H5Weir	Node_89	Dummy_H5Weir	0.000	3.00	0.000	0.005		0.0	2011-08-24
DUMMY-B10	DUMMY-B10	B10-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-BASF	DUMMY-BASF	BASF-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-BASF-2	DUMMY-BASF-2	BASF-WW	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-CLA-PS	CLA-PS-DUMMY	CLA-PS	0.000	-1.21	0.000	0.002		0.0	2011-08-24
DUMMY-HHA	DUMMY-HHA	HHA-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-HHA-2	DUMMY-HHA-2	HHA-WW	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-T10-MAD	T10-MAD	T10-MAD-WEIR-DUMMY	0.000	0.79	0.082	1.545		34.4	2011-08-24
DUMMY-T11-MAD	T11-MAD	T11-MAD-WEIR-DUMMY	0.000	0.87	0.089	1.314		26.8	2011-08-24
DUMMY-T15-MAD	T15-MAD	T15-MAD-WEIR-DUMMY	0.000	1.07	-0.025	1.032		40.8	2011-08-24
DUMMY-T16-MAD	T16-MAD	T16-MAD-WEIR-DUMMY	0.000	1.07	0.051	1.197		33.5	2011-08-24
DUMMY-T1-GAR	T1-GAR	T1-GAR-WEIR-DUMMY	0.000	1.46	0.003	0.923		44.0	2011-08-24
DUMMY-T1-HAR	T1-HAR	T1-HAR-WEIR-DUMMY	0.000	0.92	0.040	1.172		67.5	2011-08-24
DUMMY-T2-4ST	T2-4ST	T2-4ST-WEIR-DUMMY	0.000	1.06	0.097	1.391		62.0	2011-08-24
DUMMY-T2-5ST	T2-5ST	T2-5ST-WEIR-DUMMY	0.000	1.10	0.071	1.252		41.9	2011-08-24
DUMMY-T2-6ST	T2-6ST	T2-6ST-WEIR-DUMMY	0.000	1.07	0.087	1.300		39.2	2011-08-24
DUMMY-T2-7ST	T2-7ST	T2-7ST-WEIR-DUMMY	0.000	0.90	-0.021	0.903		10.6	2011-08-24
DUMMY-T2-BLM	T2-BLM	T2-BLM-WEIR-DUMMY	0.000	2.58	0.008	0.858		68.2	2011-08-24
DUMMY-T2-JAC	T2-JAC	T2-JAC-WEIR-DUMMY	0.000	0.91	0.039	1.192		39.2	2011-08-24
DUMMY-T2-MON	T2-MON	T2-MON-WEIR-DUMMY	0.000	0.96	0.093	1.341		57.1	2011-08-24
DUMMY-T3-4ST	T3-4ST	T3-4ST-WEIR-DUMMY	0.000	1.08	0.075	1.308		40.5	2011-08-24
DUMMY-T3-6ST	T3-6ST	T3-6ST-WEIR-DUMMY	0.000	1.07	0.060	1.237		9.8	2011-08-24
DUMMY-T3-ADM	T3-ADM	T3-ADM-WEIR-DUMMY	0.000	0.98	0.015	1.065		30.7	2011-08-24
DUMMY-T3-GND	T3-GND	T3-GND-WEIR-DUMMY	0.000	-0.58	0.000	0.003		0.0	2011-08-24
DUMMY-T3-JAC	T3-JAC	T3-JAC-WEIR-DUMMY	0.000	0.86	0.100	1.212		28.4	2011-08-24
DUMMY-T4-4ST	T4-4ST	T4-4ST-WEIR-DUMMY	0.000	0.90	0.106	1.252		11.7	2011-08-24
DUMMY-T4-5ST	T4-5ST	T4-5ST-WEIR-DUMMY	0.000	1.03	0.092	1.277		31.8	2011-08-24
DUMMY-T4-6ST	T4-6ST	T4-6ST-WEIR-DUMMY	0.000	1.00	0.095	1.218		-14.1	2011-08-24
DUMMY-T4-GND	T4-GND	T4-GND-WEIR-DUMMY	0.000	0.87	0.004	0.842		37.6	2011-08-24
DUMMY-T5-5ST	T5-5ST	T5-5ST-WEIR-DUMMY	0.000	0.94	0.082	1.229		67.7	2011-08-24
DUMMY-T5-9ST	T5-9ST	T5-9ST-WEIR-DUMMY	0.000	0.91	0.002	0.886		21.2	2011-08-24
DUMMY-T5-GND	T5-GND	T5-GND-WEIR-DUMMY	0.000	1.10	0.104	1.167		42.3	2011-08-24
DUMMY-T5-JAC	T5-JAC	T5-JAC-WEIR-DUMMY	0.000	0.83	0.149	1.344		62.2	2011-08-24
DUMMY-T5-JEF	T5-JEF	T5-JEF-WEIR-DUMMY	0.000	0.97	-0.006	0.954		29.4	2011-08-24
DUMMY-T6-4ST	T6-4ST	T6-4ST-WEIR-DUMMY	0.000	0.94	0.061	1.334		63.7	2011-08-24
DUMMY-T6-5ST	T6-5ST	T6-5ST-WEIR-DUMMY	0.000	1.01	0.081	1.167		3.9	2011-08-24
DUMMY-T6-ADM	T6-ADM	T6-ADM-WEIR-DUMMY	0.000	0.89	0.010	0.910		94.7	2011-08-24
DUMMY-T6-GND	T6-GND	T6-GND-WEIR-DUMMY	0.000	1.10	0.060	1.169		51.6	2011-08-24
DUMMY-T6-JEF	T6-JEF	T6-JEF-WEIR-DUMMY	0.000	0.97	0.033	1.058		77.5	2011-08-24
DUMMY-T6-MON	T6-MON	T6-MON-WEIR-DUMMY	0.000	0.91	0.061	1.116		63.3	2011-08-24
DUMMY-T7-5ST	T7-5ST	T7-5ST-WEIR-DUMMY	0.000	0.94	-0.054	1.226		-24.4	2011-08-24

DUMMY-T7-MON	T7-MON	T7-MON-WEIR-DUMMY	0.000	1.02	0.085	1.248		40.6	2011-08-2
DUMMY-T8-ADM	T8-ADM	T8-ADM-WEIR-DUMMY	0.000	1.10	0.071	1.224		122.2	2011-08-2
DUMMY-T8-MAD	T8-MAD	T8-MAD-WEIR-DUMMY	0.000	0.96	0.082	1.308		30.1	2011-08-2
DUMMY-T9-ADM	T9-ADM	T9-ADM-WEIR-DUMMY	0.000	0.97	0.120	1.283		111.8	2011-08-2
DUMMY-T9-MAD	T9-MAD	T9-MAD-WEIR-DUMMY	0.000	0.95	0.078	1.190		33.9	2011-08-2
DUMMY-TD12-13ST	TD12-13ST	Node_378	0.000	0.70	0.001	0.707		14.7	2011-08-2
DUMMY-TD14-CLA	TD14-CLA	TD14-CLA-WEIR-DUMMY	0.000	1.05	0.102	1.241		34.4	2011-08-2
DUMMY-TD1-4ST	TD1-4ST	TD1-4ST-WEIR-DUMMY	0.000	1.05	0.098	1.423		17.3	2011-08-2
DUMMY-TD1-WIL	TD1-WIL	TD1-WIL-WEIR-DUMMY	0.000	1.06	0.082	1.206		36.2	2011-08-2
DUMMY-TD23-CLA	TD23-CLA	TD23-CLA-WEIR-DUMMY	0.000	1.12	0.073	1.178		46.6	2011-08-2
DUMMY-TD25-WIL	TD25-WIL	TD25-WIL-WEIR-DUMMY	0.000	0.88	0.008	0.956		82.4	2011-08-2
DUMMY-TD30-CLA	TD30-CLA	TD30-CLA-WEIR-DUMMY	0.000	0.93	0.004	0.774		34.6	2011-08-2
DUMMY-TD31-CLA	TD31-CLA	TD31-CLA-WEIR-DUMMY	0.000	1.97	0.005	0.871		35.1	2011-08-2
DUMMY-TD6-WIL	TD6-WIL	TD6-WIL-WEIR-DUMMY	0.000	1.08	0.070	1.168		35.9	2011-08-2
H1 REGULATOR_H2-INT-001A	H1-IC	H2-INT-001A	1.155	0.03	-0.124	1.779	-0.107	-754.5	2011-08-2
H1_Outfall	H1-OB-008	H1	0.000	-0.02	4.520	1.218		85173.5	2011-08-2
H1-01-005_H1-01-021	H1-01-005	H1-01-021	0.000	0.76	0.009	1.840		99.0	2011-08-2
H1-01-006_H1-01-006A	H1-01-006	H1-01-006A	1.471	1.01	0.052	1.844	0.035	158.5	2011-08-2
H1-01-006A_H1-01-010	H1-01-006A	H1-01-010	0.366	1.00	0.166	1.867	0.453	570.9	2011-08-2
H1-01-007_H1-01-006	H1-01-007	H1-01-006	2.782	1.01	0.009	2.032	0.003	98.5	2011-08-2
H1-01-010_H1-WI-019	H1-01-010	H1-WI-019	3.185	0.95	0.733	2.073	0.230	16402.6	2011-08-2
H1-01-021_H1-GA-018	H1-01-021	H1-GA-018	1.018	0.75	0.607	1.915	0.597	6861.7	2011-08-2
H1-01-029_H1-01-010	H1-01-029	H1-01-010	0.588	1.00	0.566	2.283	0.963	11386.5	2011-08-2
H1-01-033_H1-01-029	H1-01-033	H1-01-029	1.529	1.00	0.559	2.374	0.365	11116.3	2011-08-2
H1-01-033_H1-NE-011	H1-01-033	H1-NE-011	0.411	0.99	0.325	3.316	0.790	5909.1	2011-08-2
H1-01-034_H1-01-033	H1-01-034	H1-01-033	3.906	1.00	0.476	2.554	0.122	6893.8	2011-08-2
H1-01-075_H1-01-034	H1-01-075	H1-01-034	1.640	1.00	0.476	2.465	0.290	6947.2	2011-08-2
H1-01-075_H1-NE-014A	H1-01-075	H1-NE-014A	0.078	0.98	0.173	2.389	2.227	2922.9	2011-08-2
H1-01-077_H1-01-075	H1-01-077	H1-01-075	2.019	1.00	0.565	2.390	0.280	8146.5	2011-08-2
H1-01-080_H1-01-077	H1-01-080	H1-01-077	1.312	1.00	0.565	2.973	0.431	8181.2	2011-08-2
H1-01-080_H1-NE-020	H1-01-080	H1-NE-020	0.601	0.98	0.849	2.212	1.412	19701.8	2011-08-2
H1-01-081_H1-01-080	H1-01-081	H1-01-080	0.359	1.01	0.818	2.967	2.278	17350.8	2011-08-2
H1-01-085_H1-01-081	H1-01-085	H1-01-081	1.878	1.02	0.818	2.546	0.436	17399.1	2011-08-2
H1-01-085_H1-MA-010	H1-01-085	H1-MA-010	0.686	1.02	0.192	2.702	0.280	4167.0	2011-08-2
H1-01-089_H1-01-085	H1-01-089	H1-01-085	1.577	1.02	1.010	2.546	0.641	18992.1	2011-08-2
H1-01-089_H1-OB-116	H1-01-089	H1-OB-116	0.947	1.02	0.261	2.968	0.276	840.8	2011-08-2
H1-01-100_H1-01-089	H1-01-100	H1-01-089	0.000	1.02	1.157	2.539		20328.9	2011-08-2
H1-01-100_H1-JA-022	H1-01-100	H1-JA-022	0.837	1.02	0.348	2.737	0.416	626.8	2011-08-2
H1-01-104_H1-01-100	H1-01-104	H1-01-100	1.623	1.02	1.092	2.669	0.673	17040.3	2011-08-2
H1-01-110_H1-01-104	H1-01-110	H1-01-104	2.796	1.02	0.928	2.722	0.332	16314.2	2011-08-2
H1-01-115_H1-01-110	H1-01-115	H1-01-110	1.170	1.04	0.784	2.869	0.670	13128.9	2011-08-2
H1-01-116_H1-01-115	H1-01-116	H1-01-115	1.356	1.08	0.563	2.523	0.415	13425.5	2011-08-2
H1-01-117_H1-01-116	H1-01-117	H1-01-116	0.451	1.21	0.020	3.522	0.044	152.6	2011-08-2
H1-01-118_H1-01-117	H1-01-118	H1-01-116	0.046	1.36	0.029	6.788	0.620	354.1	2011-08-2
H1-02-038A_H1-WI-022	H1-02-038A	H1-WI-022	0.563	1.02	0.304	3.086	0.539	3857.5	2011-08-2
H1-03-001_H3-03-006	H1-03-001	H3-03-006	1.879	0.60	1.039	1.426	0.553	22902.8	2011-08-2

H1-03-003A_H1-03-001	H1-03-003A	H1-03-001	4.038	0.69	1.015	2.154	0.251	22621.2	2011-08-31
H1-03-060_H3-03-022	H1-03-060	H3-03-022	1.787	1.06	0.723	2.083	0.405	8370.5	2011-08-31
H1-03-090_H1-03-060	H1-03-090	H1-03-060	1.237	1.07	0.555	2.550	0.449	5328.6	2011-08-31
H1-03-090_H1-GR-022	H1-03-090	H1-GR-022	1.381	1.07	0.377	3.722	0.273	8264.0	2011-08-31
H1-03-140_H1-03-090	H1-03-140	H1-03-090	1.651	1.07	0.777	3.392	0.470	9368.0	2011-08-31
H1-03-170_H1-03-140	H1-03-170	H1-03-140	2.258	1.07	0.574	1.952	0.254	4858.3	2011-08-31
H1-03-180_H1-03-170	H1-03-180	H1-03-170	2.657	1.07	0.466	2.517	0.175	4885.1	2011-08-31
H1-03-200_H1-03-180	H1-03-200	H1-03-180	0.933	1.06	0.786	2.570	0.842	9364.8	2011-08-31
H1-03-200_H1-MA-027	H1-03-200	H1-MA-027	1.697	1.05	0.201	3.938	0.118	352.8	2011-08-31
H1-03-210_H1-03-200	H1-03-210	H1-03-200	1.256	1.06	0.548	2.499	0.437	5951.6	2011-08-31
H1-03-210_H1-MO-036	H1-03-210	H1-MO-036	1.484	1.06	-0.341	3.175	-0.230	-2351.9	2011-08-31
H1-07-013_H1-BL-091	H1-07-013	H1-BL-091	0.274	3.42	0.137	0.801	0.501	1538.0	2011-08-31
H1-08-011_H1-BL-093	H1-08-011	H1-BL-093	0.050	1.93	0.019	0.707	0.373	196.2	2011-08-31
H1-08-011A_H1-08-011	H1-08-011A	H1-08-011	0.000	1.94	0.002	0.600		-0.5	2011-08-31
H1-AD-026_H1-01-075	H1-AD-026	H1-01-075	0.000	1.01	0.052	2.687		572.5	2011-08-31
H1-AD-030_H1-03-140	H1-AD-030	H1-03-140	0.000	1.07	-0.051	3.126		258.5	2011-08-31
H1-AD-035_H1-03-140	H1-AD-035	H1-03-140	0.177	1.07	0.304	3.128	1.716	4109.7	2011-08-31
H1-AD-039_H1-AD-035	H1-AD-039	H1-AD-035	1.136	1.10	0.289	3.139	0.254	3472.2	2011-08-31
H1-AD-042_H1-AD-039	H1-AD-042	H1-AD-039	0.653	1.11	0.197	2.624	0.302	2616.8	2011-08-31
H1-AD-048_H1-AD-042	H1-AD-043	H1-AD-042	0.585	1.11	0.136	2.495	0.232	1844.0	2011-08-31
H1-AD-053_H1-AD-048	H1-AD-053	H1-AD-048	0.778	1.12	0.060	2.328	0.077	705.3	2011-08-31
H1-Alt-Grav1.2	H1-Alt-Grav1	OF-H1-V2	0.000	-0.36	0.980	1.245		8718.5	2011-08-31
H1-Alt-Grav2.1	H1-Alt-Grav2	OF-H1-V2	0.000	-0.36	1.008	1.247		8988.6	2011-08-31
H1-BL-007_H1-BL-009	H1-BL-007	H1-BL-009	0.000	0.41	0.164	2.527		2179.9	2011-08-31
H1-BL-009_H1-OB-010	H1-BL-009	H1-OB-010	3.875	0.30	4.384	1.761	1.131	83781.3	2011-08-31
H1-BL-016_H1-BL-009	H1-BL-016	H1-BL-009	1.531	0.66	0.829	2.016	0.541	9621.1	2011-08-31
H1-BL-017_H1-BL-016	H1-BL-017	H1-BL-016	0.800	0.73	0.774	1.169	0.968	8693.0	2011-08-31
H1-BL-024_H1-BL-017	H1-BL-024	H1-BL-017	0.949	0.88	0.742	1.158	0.783	8148.3	2011-08-31
H1-BL-030_H1-BL-024	H1-BL-030	H1-BL-024	0.634	1.01	0.630	0.985	0.993	6888.1	2011-08-31
H1-BL-037_H1-BL-030	H1-BL-037	H1-BL-030	0.941	1.15	0.611	0.958	0.649	6903.0	2011-08-31
H1-BL-039_H1-BL-037	H1-BL-039	H1-BL-037	1.111	1.36	0.520	0.724	0.468	5790.5	2011-08-31
H1-BL-090C_H1-BL-090B	H1-BL-090C	H1-BL-090B	0.000	3.35	-0.036	10.656		-404.9	2011-08-31
H1-BL-090E_H1-BL-039	H1-BL-090E	H1-BL-039	0.825	1.59	0.454	0.531	0.550	5011.2	2011-08-31
H1-BL-090E_H1-BL-090	H1-BL-090E	H1-BL-090	0.059	1.68	-0.312	1.153	-5.273	-3460.8	2011-08-31
H1-BL-090E_H1-BL-090C	H1-BL-090E	H1-BL-090C	0.000	1.75	-0.058	1.862		-656.2	2011-08-31
H1-BL-091_H1-BL-090	H1-BL-091	H1-BL-090	0.299	1.75	0.303	0.300	1.013	3370.9	2011-08-31
H1-BL-093_H1-BL-091	H1-BL-093	H1-BL-091	0.702	1.89	0.115	0.400	0.164	1272.2	2011-08-31
H1-BL-095_H1-BL-093	H1-BL-095	H1-BL-093	0.137	2.12	0.030	0.565	0.223	340.6	2011-08-31
H1-CL-014_H1-NE-007	H1-CL-014	H1-NE-007	1.318	0.94	0.037	4.464	0.028	402.7	2011-08-31
H1-CL-015_H1-CL-023	H1-CL-015	H1-CL-023	1.872	1.08	0.047	2.658	0.025	-71.6	2011-08-31
H1-CL-023_H1-03-060	H1-CL-023	H1-03-060	0.916	1.08	0.233	3.444	0.254	861.5	2011-08-31
H1-CL-036_H1-03-060	H1-CL-036	H1-03-060	1.251	1.07	0.202	3.060	0.162	1112.3	2011-08-31
H1-GA-017_H1-OB-031	H1-GA-012	H1-OB-031	1.135	0.60	0.678	1.495	0.597	7762.6	2011-08-31
H1-GA-018_H1-GA-017	H1-GA-018	H1-GA-017	3.229	0.70	0.607	1.381	0.188	6855.6	2011-08-31
H1-GR-022_H1-01-033	H1-GR-022	H1-01-033	0.710	1.04	0.401	3.671	0.565	9251.8	2011-08-31

H1-GR-027_H1-03-090	H1-GR-027	H1-03-090	2.875	1.07	0.256	3.979	0.089	3255.6	2011-08-24
H1-GR-033_H1-GR-027	H1-GR-033	H1-GR-027	1.283	1.10	0.256	2.536	0.200	3287.3	2011-08-24
H1-GR-037_H1-GR-033	H1-GR-037	H1-GR-033	0.855	1.11	0.206	2.105	0.242	2422.9	2011-08-24
H1-GR-038_H1-GR-037	H1-GR-038	H1-GR-037	0.988	1.11	0.162	2.349	0.164	1019.0	2011-08-24
H1-GR-054_H1-GR-047	H1-GR-054	H1-GR-046	1.224	1.11	0.123	3.115	0.100	708.0	2011-08-24
H1-HA-130_H1-HA-132	PR_DH_MH1	H1-HA-132	0.796	1.02	0.073	2.445	0.092	545.6	2011-08-24
H1-HA-132_H1-01-110	H1-HA-132	H1-01-110	0.848	1.02	0.103	3.597	0.122	975.9	2011-08-24
H1-HA-132A_H1-HA-132	H1-HA-132A	H1-HA-132	0.000	1.04	0.015	4.648		171.1	2011-08-24
H1-HA-135_H1-01-110	H1-HA-135	H1-01-110	0.000	1.05	0.124	3.238		1175.5	2011-08-24
H1-HA-136_H1-HA-138	H1-HA-136	H1-HA-138	0.039	1.10	0.030	7.277	0.762	340.3	2011-08-24
H1-HA-138_H1-HA-139	H1-HA-138	H1-HA-139	0.084	1.01	0.031	3.674	0.365	417.5	2011-08-24
H1-HA-138A_H1-HA-138	H1-HA-138A	H1-HA-138	0.127	1.02	0.006	4.182	0.051	80.1	2011-08-24
H1-HA-138B_H1-HA-138A	H1-HA-138B	H1-HA-138A	0.000	1.02	0.001	4.718		80.1	2011-08-24
H1-HA-139_H1-HA-140	H1-HA-139	H1-HA-140	0.037	0.98	0.032	5.538	0.867	503.9	2011-08-24
H1-HA-139A_H1-HA-139	H1-HA-139A	H1-HA-139	0.226	0.99	0.007	3.674	0.030	58.0	2011-08-24
H1-HA-140_H1-HA-141	H1-HA-140	H1-HA-141	0.189	0.95	0.032	3.790	0.171	550.1	2011-08-24
H1-HA-140A_H1-HA-140	H1-HA-140A	H1-HA-140	0.130	0.96	-0.007	3.535	-0.050	51.4	2011-08-24
H1-HA-140B_H1-HA-140A	H1-HA-140B	H1-HA-140A	0.072	0.96	0.001	5.606	0.007	0.1	2011-08-24
H1-HA-140C_H1-HA-140A	H1-HA-140C	H1-HA-140A	0.026	0.96	-0.002	5.606	-0.070	51.5	2011-08-24
H1-HA-141_H1-JA-043	H1-HA-141	H1-JA-043	0.506	0.95	0.071	5.686	0.140	597.8	2011-08-24
H1-HU-001_H1-HU-002	H1-HU-001	H1-HU-002	0.058	7.73	0.045	0.639	0.784	499.3	2011-08-24
H1-HU-002_H1-07-013	H1-HU-002	H1-07-013	0.379	7.53	0.078	1.003	0.205	849.0	2011-08-24
H1-HU-003_H1-HU-002	H1-HU-003	H1-HU-002	0.000	7.65	0.019	0.633		199.2	2011-08-24
H1-JA-021_H1-OB-121	H1-JA-021	H1-OB-121	1.035	1.01	0.354	2.964	0.342	849.0	2011-08-24
H1-JA-022_H1-JA-021	H1-JA-022	H1-JA-021	1.833	1.01	0.348	2.180	0.190	593.1	2011-08-24
H1-JA-034_H1-01-100	MH-T2-2STB	H1-01-100	1.689	1.01	0.367	4.634	0.217	3065.4	2011-08-24
H1-JA-037B_H1-JA-034	H1-JA-037B	H1-JA-034	1.219	0.99	0.282	5.278	0.231	2232.8	2011-08-24
H1-JA-043_H1-JA-037B	H1-JA-043	H1-JA-037B	1.031	0.96	0.272	4.327	0.264	1899.2	2011-08-24
H1-JA-046_H1-JA-043	H1-JA-046	H1-JA-043	3.074	0.95	-0.121	3.925	-0.039	1065.5	2011-08-24
H1-JE-026A_H1-01-080	H1-JE-026A	H1-JE-023	0.107	1.03	0.543	1.658	5.093	9501.4	2011-08-24
H1-JE-031_H1-03-180	H1-JE-031	H1-03-180	1.018	1.05	-0.442	1.919	-0.435	-8685.3	2011-08-24
H1-JE-031_H1-JE-026A	H1-JE-031	H1-JE-026A	1.570	1.05	0.522	2.473	0.332	8596.7	2011-08-24
H1-JE-032_H1-03-180	H1-JE-032	H1-03-180	5.104	1.06	0.252	1.928	0.049	3226.6	2011-08-24
H1-JE-037_H1-JE-032	H1-JE-037	H1-JE-032	0.842	1.08	0.254	2.812	0.302	3284.4	2011-08-24
H1-JE-044_H1-JE-037	H1-JE-044	H1-JE-037	0.846	1.10	0.186	2.144	0.219	2410.1	2011-08-24
H1-JE-050_H1-JE-044	H1-JE-050	H1-JE-044	0.679	1.10	0.128	1.994	0.189	1653.5	2011-08-24
H1-JE-055_H1-JE-050	H1-JE-055	H1-JE-050	0.806	1.10	0.058	2.627	0.073	666.8	2011-08-24
H1-Junction1.1	H1-Junction1	OF-H1-V2	0.475	-0.39	0.000	1.230	0.001	0.0	2011-08-24
H1-Junction2.1	H1-Junction2	OF-H1-V2	0.475	-0.39	0.000	1.230	0.001	0.0	2011-08-24
H1-MA-010_H1-OB-100	H1-MA-010	H1-OB-100	0.999	1.00	0.190	3.631	0.190	4141.6	2011-08-24
H1-MA-027_H1-01-085	H1-MA-027	H1-01-085	1.355	1.04	0.262	2.443	0.193	1390.8	2011-08-24
H1-MA-038_H1-03-200	H1-MA-038	H1-03-200	1.462	1.06	0.299	4.892	0.204	2967.5	2011-08-24
H1-MA-041_H1-MA-038	H1-MA-041	H1-MA-038	1.570	1.07	0.235	3.948	0.150	2309.3	2011-08-24
H1-MA-048_H1-MA-041	H1-MA-044	H1-MA-041	0.530	1.07	0.126	3.157	0.238	1639.7	2011-08-24
H1-MA-054_H1-MA-048	H1-MA-054	H1-MA-048	0.566	1.08	0.061	3.026	0.107	664.9	2011-08-24
H1-MO-010_H1-NE-030	H1-MO-010	H1-NE-030	3.429	1.00	0.193	1.945	0.056	1104.9	2011-08-24

H1-MO-033_H1-01-089	H1-MO-033	H1-01-089	0.845	1.04	-0.325	2.193	-0.384	-1483.9	2011-08-24
H1-MO-036_H1-MO-033	H1-MO-036	H1-MO-033	0.737	1.05	-0.339	2.931	-0.460	-2381.2	2011-08-24
H1-MO-043_H1-03-210	H1-MO-043	H1-03-210	0.847	1.07	0.308	4.399	0.364	2643.5	2011-08-24
H1-MO-044_H1-MO-043	H1-MO-044	H1-MO-043	1.862	1.08	0.288	5.208	0.155	1844.9	2011-08-24
H1-MO-047_H1-MO-044	H1-MO-047	H1-MO-044	5.079	1.08	0.287	2.665	0.057	1930.6	2011-08-24
H1-MO-057_H1-MO-047	H1-MO-057	H1-MO-047	1.102	1.08	0.194	3.013	0.176	1353.5	2011-08-24
H1-MO-062_H1-MO-057	H1-MO-062	H1-MO-057	0.771	1.08	0.097	3.876	0.126	720.4	2011-08-24
H1-NE-002_H1-PA-015	H1-NE-002	H1-PA-015	0.000	0.65	-0.009	1.587		-12.3	2011-08-24
H1-NE-003_H1-WI-011	H1-NE-003	H1-WI-011	2.015	0.89	1.005	2.241	0.499	22007.8	2011-08-24
H1-NE-007_H1-NE-003	H1-NE-007	H1-NE-003	1.403	0.92	0.278	2.301	0.198	5068.1	2011-08-24
H1-NE-011_H1-NE-007	H1-NE-011	H1-NE-007	0.410	0.96	0.238	2.948	0.580	4379.3	2011-08-24
H1-NE-011_H1-NE-014A	H1-NE-011	H1-NE-014A	0.306	0.96	0.200	2.336	0.654	2755.4	2011-08-24
H1-NE-014A_H1-NE-017	H1-NE-014A	H1-NE-017	2.443	0.93	0.410	1.769	0.168	6093.1	2011-08-24
H1-NE-017_H1-NE-019	H1-NE-017	H1-NE-019	5.055	0.92	0.410	2.136	0.081	6054.3	2011-08-24
H1-NE-019_H1-NE-020	H1-NE-019	H1-NE-020	2.933	0.92	0.410	1.286	0.140	6020.9	2011-08-24
H1-NE-020_H1-OB-090	H1-NE-020	H1-OB-090	4.253	0.88	1.606	2.129	0.378	35086.1	2011-08-24
H1-NE-021_H1-OB-091	H1-NE-021	H1-OB-091	1.305	0.90	0.355	2.434	0.272	4722.0	2011-08-24
H1-NE-026_H1-NE-021	H1-NE-026	H1-NE-021	0.588	0.94	0.353	2.148	0.601	4587.5	2011-08-24
H1-NE-029A_H1-NE-026	H1-NE-029A	H1-NE-026	0.735	0.96	0.342	1.941	0.466	3968.3	2011-08-24
H1-NE-030_H1-NE-029A	H1-NE-030	MH-T6-NEW	0.604	0.99	0.337	2.866	0.558	3822.9	2011-08-24
H1-NE-031_H1-NE-030	H1-NE-031	H1-NE-030	2.717	1.00	0.232	1.620	0.085	2726.7	2011-08-24
H1-NE-040_H1-NE-031	H1-NE-040	H1-NE-031	0.421	1.00	0.224	1.776	0.534	2519.5	2011-08-24
H1-NE-047_H1-NE-040	H1-NE-047	H1-NE-040	0.123	1.00	0.024	2.566	0.194	209.1	2011-08-24
H1-OB-001_H1-OB-010	H1-OB-001	H1-OB-010	0.000	0.20	0.015	6.107		173.0	2011-08-24
H1-OB-010_H1-OB-008	H1-OB-010	H1-OB-008	8.196	0.10	4.473	1.521	0.546	84673.7	2011-08-24
H1-OB-031_H1-BL-009	H1-OB-031	H1-BL-009	1.701	0.50	3.650	1.938	2.146	71774.1	2011-08-24
H1-OB-050_H1-OB-031	H1-OB-050	H1-OB-031	4.392	0.62	3.075	1.987	0.700	63888.1	2011-08-24
H1-OB-050_H1-OB-050A	H1-OB-050	H1-OB-050A	0.000	0.65	0.003	1.349		2.9	2011-08-24
H1-OB-071_H1-OB-050	H1-OB-071	H1-OB-050	3.011	0.69	3.043	2.024	1.010	62840.6	2011-08-24
H1-OB-072_H1-OB-071	H1-OB-072	H1-OB-071	13.803	0.74	3.040	2.055	0.220	62976.2	2011-08-24
H1-OB-077_H1-OB-072	H1-OB-077	H1-OB-072	2.989	0.82	2.016	2.046	0.674	40029.9	2011-08-24
H1-OB-090_H1-OB-077	H1-OB-090	H1-OB-080A	1.172	0.86	1.950	2.119	1.663	39646.7	2011-08-24
H1-OB-091_H1-OB-090	H1-OB-091	H1-OB-090	0.617	0.88	0.357	2.464	0.578	4812.4	2011-08-24
H1-OB-095_H1-NE-020	H1-OB-095	H1-NE-020	1.512	0.94	0.525	4.222	0.347	9421.3	2011-08-24
H1-OB-100_H1-OB-095	H1-OB-100	H1-OB-095	8.108	0.99	0.512	1.371	0.063	9131.1	2011-08-24
H1-OB-101_H1-OB-100	MH-T5-OBS	H1-OB-100	0.357	0.99	0.338	3.192	0.947	4560.5	2011-08-24
H1-OB-116_H1-MO-010	H1-OB-116	H1-MO-010	1.228	1.01	0.185	2.598	0.151	1011.7	2011-08-24
H1-OB-116_H1-OB-101	H1-OB-116	H1-OB-101	0.811	1.01	0.284	2.290	0.350	4440.9	2011-08-24
H1-OB-117_H1-OB-116	H1-OB-117	H1-OB-116	2.455	1.01	0.451	2.174	0.184	4178.0	2011-08-24
H1-OB-121_H1-OB-117	H1-OB-121	H1-OB-117	1.679	1.01	0.445	3.492	0.265	3737.1	2011-08-24
H1-OB-121A_H1-OB-121	H1-OB-121A	H1-OB-121	0.108	1.01	-0.013	6.361	-0.120	42.4	2011-08-24
H1-OB-122_H1-NE-040	H1-OB-122	H1-NE-040	0.676	1.00	0.200	1.360	0.295	1616.7	2011-08-24
H1-OB-122_H1-OB-121	H1-OB-122	H1-OB-121	8.080	1.00	0.409	2.119	0.051	2044.2	2011-08-24
H1-OB-122A_H1-OB-122	MH-T7-OBS	H1-OB-122	1.169	0.99	0.505	2.528	0.432	3417.4	2011-08-24
H1-OB-122B_H1-OB-122A	H1-OB-122B	H1-OB-122A	2.381	0.97	0.087	1.848	0.036	302.6	2011-08-24
H1-OB-122C_H1-OB-122A	H1-OB-122C	H1-OB-122A	0.000	0.97	0.030	1.848		389.7	2011-08-24

H1-OB-123_H1-HA-130	H1-OB-123	H1-HA-130	0.497	1.01	0.077	2.652	0.155	547.1	2011-08-24
H1-OB-125_H1-OB-123	H1-OB-125	H1-OB-123	0.046	1.52	0.081	6.582	1.768	1102.6	2011-08-24
H1-OB-127_H1-OB-125	H1-OB-127	H1-OB-125	0.000	1.69	0.096	2.390		1107.9	2011-08-24
H1-PA-015_H1-OB-050	H1-PA-015	H1-OB-050	1.425	0.65	0.077	1.933	0.054	893.4	2011-08-24
H1-PA-017_H1-01-006	H1-PA-017	H1-01-006	2.274	1.01	-0.047	3.348	-0.021	-556.1	2011-08-24
H1-PA-017_H1-01-006A	H1-PA-017	H1-01-006A	4.736	1.01	0.114	2.259	0.024	426.0	2011-08-24
H1-PA-020A_H1-OB-117	H1-PA-020A	H1-OB-117	0.000	1.01	0.012	4.975		139.9	2011-08-24
H1-PA-024_H1-PA-017	H1-PA-024	H1-PA-017	0.622	1.02	-0.161	3.573	-0.258	-97.2	2011-08-24
H1-PA-030_H1-PA-050	H1-PA-030	H1-PA-050	0.048	1.03	-0.013	5.514	-0.276	-44.2	2011-08-24
H1-PA-050_H1-01-115	H1-PA-050	H1-01-115	0.467	1.04	0.239	2.510	0.512	-305.4	2011-08-24
H1-PA-050A_H1-PA-050	H1-PA-050A	H1-PA-050	0.000	1.03	0.224	2.451		30.9	2011-08-24
H1-PA-060_H1-01-116	H1-PA-060	H1-01-116	0.341	1.22	0.051	5.803	0.148	537.6	2011-08-24
H1-PA-061_H1-01-117	H1-PA-061	H1-01-116	0.295	1.69	0.549	4.069	1.865	12193.2	2011-08-24
H1-PA-062_H1-PA-061	H1-PA-062	H1-PA-061	0.000	5.01	0.555	11.322		13539.4	2011-08-24
H1-WA-011_H1-07-013	H1-WA-011	H1-07-013	0.000	3.62	0.011	1.282		119.8	2011-08-24
H1-WI-011_H1-OB-072	H1-WI-011	H1-OB-072	1.444	0.80	1.005	2.232	0.696	21955.2	2011-08-24
H1-WI-019_H1-NE-003	H1-WI-019	H1-NE-003	2.465	0.92	0.733	1.972	0.297	16389.7	2011-08-24
H1-WI-022_H1-01-010	H1-WI-022	H1-01-010	3.370	1.00	0.304	1.600	0.090	3853.5	2011-08-24
H1-WW.2	H1-WW	H1-Alt-Grav2	0.000	-0.22	1.008	1.400		8988.6	2011-08-24
H1-WW.4	H1-WW	H1-Alt-Grav1	0.000	-0.21	0.980	1.407		8718.5	2011-08-24
H2 REGULATOR_H2-INT-009A	H2 REGULATOR	H2-INT-009A	4.043	0.07	-0.101	2.253	-0.025	-637.1	2011-08-24
H2-01-001_H2-01-002	H2-01-001	H2-01-002	0.150	5.17	0.157	9.645	1.048	2357.2	2011-08-24
H2-01-001A_H2-01-001	H2-01-001A	H2-01-001	0.000	5.69	0.080	11.363		861.0	2011-08-24
H2-01-002_H2-RI-004	H2-01-002	H2-RI-004	0.141	3.51	0.173	7.924	1.229	2598.5	2011-08-24
H2-01-003_H2-NE-010B	H2-01-003	H2-NE-010B	1.273	0.39	0.255	1.386	0.200	4028.8	2011-08-24
H2-02-003_H2-RI-005	H2-02-003	H2-RI-005	0.000	1.81	0.036	8.010		484.8	2011-08-24
H2-05-001_H2-WA-007	H2-05-001	H2-WA-007	0.000	3.57	0.034	1.265		403.2	2011-08-24
H2-05-002_H2-05-001	H2-05-002	H2-05-001	0.000	3.60	0.006	1.389		66.0	2011-08-24
H2-06-003_H2-WA-009	H2-06-003	H2-WA-009	0.110	5.91	0.098	0.822	0.892	1163.7	2011-08-24
H2-06-004_H2-06-003	H2-06-004	H2-06-003	0.000	6.30	0.029	2.265		340.7	2011-08-24
H2-CO-003_H2-01-001	H2-CO-003	H2-01-001	0.000	5.76	0.053	11.603		681.4	2011-08-24
H2-CO-004AA_H2-CO-003	H2-CO-004AA	H2-CO-003	0.000	5.92	0.031	12.108		407.2	2011-08-24
H2-HP-001A_H2-HP-004	H2-HP-001A	H2-HP-004	0.077	1.26	0.066	3.175	0.856	1184.9	2011-08-24
H2-HP-004_H2-RI-009	H2-HP-004	H2-RI-009	0.133	0.74	0.145	2.077	1.094	2089.5	2011-08-24
H2-HP-008A_H2-HP-004	H2-HP-008A	H2-HP-004	0.112	1.13	0.039	3.175	0.349	446.7	2011-08-24
H2-INT-001_H2-INT-002	H2-INT-001	H2-INT-002	5.406	0.03	-0.123	1.992	-0.023	-808.0	2011-08-24
H2-INT-001A_H2-INT-001	H2-INT-001A	H2-INT-001	0.848	0.03	-0.123	1.781	-0.146	-786.7	2011-08-24
H2-INT-002_H2-INT-003	H2-INT-002	H2-INT-003	0.000	0.04	-0.122	0.334		-814.2	2011-08-24
H2-INT-003_H2-INT-004	H2-INT-003	H2-INT-004	9.060	0.05	-0.121	1.857	-0.013	-810.6	2011-08-24
H2-INT-004_H2-INT-005	H2-INT-004	H2-INT-005	3.968	0.05	-0.121	2.007	-0.031	-833.0	2011-08-24
H2-INT-005_H2-INT-006	H2-INT-005	H2-INT-006	5.087	0.06	-0.122	1.829	-0.024	-840.3	2011-08-24
H2-INT-006_H2-INT-007	H2-INT-006	H2-INT-007	5.496	0.06	-0.122	2.110	-0.022	-892.7	2011-08-24
H2-INT-007_H2 REGULATOR	H2-INT-007	H2 REGULATOR	2.773	0.06	-0.100	2.571	-0.036	-541.4	2011-08-24
H2-INT-009_H2-INT-010	H2-INT-009	H2-INT-010	0.908	0.07	-0.101	2.183	-0.111	-835.7	2011-08-24
H2-INT-009A_H2-INT-009	H2-INT-009A	H2-INT-009	0.853	0.07	-0.101	2.256	-0.118	-791.8	2011-08-24

H2-INT-010_H3-INT-001	H2-INT-010	H3-INT-001	3.060	0.07	-0.101	2.581	-0.033	-869.1	2011-08-24
H2-NE-004_H2-NE-005	H2-NE-004	H2-NE-005	1.157	0.44	-0.349	2.218	-0.301	-4407.5	2011-08-24
H2-NE-004_H2-NE-010	H2-NE-004	H2-NE-010	1.554	0.41	0.415	1.803	0.267	5240.1	2011-08-24
H2-NE-005_H2-NE-007	H2-NE-005	H2-NE-007	1.314	0.45	-0.339	2.058	-0.258	-4321.8	2011-08-24
H2-NE-007_H2-WA-001	H2-NE-007	H2-WA-001	1.348	0.48	-0.326	1.859	-0.242	-4200.6	2011-08-24
H2-NE-010B_H2-NE-010	H2-NE-010B	H2-NE-010	2.316	0.38	0.255	1.803	0.110	4020.3	2011-08-24
H2-NE-013_H2-RI-009	H2-NE-013	H2-RI-009	0.150	0.46	0.031	10.216	0.208	403.1	2011-08-24
H2-NE-020.1	H2-NE-020	H2	0.852	0.12	-0.003	2.239	-0.003	-27.4	2011-08-24
H2-OF.1	H2-NE-010	H2	0.383	0.30	0.922	1.702	2.406	12586.2	2011-08-24
H2-RI-004_H2-01-003	H2-RI-004	H2-01-003	0.096	1.27	0.238	5.738	2.473	3817.2	2011-08-24
H2-RI-005_H2-RI-004	H2-RI-005	H2-RI-004	0.000	1.65	0.074	5.998		982.1	2011-08-24
H2-RI-009_H2-NE-010	H2-RI-009	H2-NE-010	3.135	0.38	0.215	1.503	0.069	2970.7	2011-08-24
H2-WA-0000_H1-BL-090	H2-WA-0000	H1-BL-090	0.148	3.11	0.010	0.559	0.064	109.1	2011-08-24
H2-WA-001_H2-WA-003	H2-WA-001	H2-WA-003	2.033	0.89	-0.288	1.580	-0.142	-3700.9	2011-08-24
H2-WA-003_H2-WA-004	H2-WA-003	H2-WA-004	1.531	1.30	-0.248	0.302	-0.162	-3272.0	2011-08-24
H2-WA-004_H2-03-020	H2-WA-004	H2-03-020	0.553	1.87	-0.248	0.466	-0.449	-3236.2	2011-08-24
H2-WA-005A_H2-03-020	H2-WA-005A	H2-03-020	1.270	3.01	0.232	0.250	0.183	2833.8	2011-08-24
H2-WA-007_H2-WA-005A	H2-WA-007	H2-WA-005A	1.393	3.41	0.204	0.250	0.147	2453.5	2011-08-24
H2-WA-009_H2-WA-007	H2-WA-009	H2-WA-007	1.840	4.48	0.142	0.232	0.077	1717.8	2011-08-24
H2-WA-010_H2-WA-009	H2-WA-010	H2-WA-009	0.120	4.84	0.023	0.685	0.188	266.6	2011-08-24
H2-WA-011_H2-WA-010	H2-WA-011	H2-WA-010	0.065	4.95	0.015	0.643	0.237	184.7	2011-08-24
H2-WA-012_H2-WA-011	H2-WA-012	H2-WA-011	0.069	5.15	0.015	0.565	0.221	178.0	2011-08-24
H2-WA-013_H2-WA-0000	H2-WA-013	H2-WA-0000	0.190	5.22	0.010	0.344	0.050	109.2	2011-08-24
H2-WW.1	H2-WW	H2-OF	0.000	-0.09	0.899	0.748		12051.7	2011-08-24
H3-02-001_H3-HU-001	H3-02-001	H3-HU-001	0.000	3.57	0.010	0.499		121.0	2011-08-24
H3-03-002_H3-RI-006	H3-03-002	H3-RI-006	4.671	0.15	1.287	1.766	0.276	25904.3	2011-08-24
H3-03-004_H3-03-002	H3-03-004	H3-03-002	0.563	0.36	1.250	1.218	2.221	25448.9	2011-08-24
H3-03-006_H3-CO-004	H3-03-006	H3-CO-004	3.020	0.53	1.041	1.487	0.345	22907.7	2011-08-24
H3-03-007_H1-03-003A	H3-03-007	H1-03-003A	1.114	0.76	0.952	2.241	0.855	21722.6	2011-08-24
H3-03-009_H3-03-007	H3-03-009	H3-03-007	1.161	0.82	0.950	1.686	0.818	21707.2	2011-08-24
H3-03-010_H3-03-009	H3-03-010	H3-03-009	0.479	0.87	0.949	2.732	1.982	21721.2	2011-08-24
H3-03-015_H3-03-010	H3-03-015	H3-03-010	1.424	0.98	1.131	1.754	0.794	20830.7	2011-08-24
H3-03-015_H3-PA-025	H3-03-015	H3-PA-025	1.958	1.02	-0.816	3.679	-0.416	-5754.3	2011-08-24
H3-03-020.1	H3-03-020	H3	5.554	-0.10	-0.104	0.826	-0.019	-33.2	2011-08-24
H3-03-022_H3-03-022A	H3-03-022	H3-03-022A	4.477	1.05	0.723	4.264	0.162	8330.0	2011-08-24
H3-03-022A_H3-03-015	H3-03-022A	H3-03-015	0.855	1.03	0.829	2.293	0.969	11804.3	2011-08-24
H3-03-022A_H3-WI-038AB	H3-03-022A	H3-WI-038AB	1.237	1.05	0.259	3.635	0.210	2938.1	2011-08-24
H3-03-040.1	H3-03-040	H3-03-020	1.945	-0.10	-0.085	0.526	-0.044	-18.4	2011-08-24
H3-03-050.1	H3-03-050	H3-03-040	1.204	-0.10	-0.010	0.568	-0.008	-1.9	2011-08-24
H3-05-090_H3-WI-022	H3-WI-015	H3-WI-022	0.881	1.09	0.312	3.250	0.354	4964.3	2011-08-24
H3-05-100_H3-05-090	H3-05-100	H3-05-090	0.367	1.11	0.179	2.000	0.488	2739.7	2011-08-24
H3-05-100_H3-CL-013	H3-05-100	H3-CL-013	0.487	1.09	-0.129	8.158	-0.265	-633.2	2011-08-24
H3-CL-001_H3-CL-003	H3-CL-001	H3-CL-003	0.644	1.14	0.064	4.797	0.099	758.6	2011-08-24
H3-CL-003_H3-CL-004	H3-CL-003	H3-CL-004	0.698	1.13	0.067	3.788	0.096	793.0	2011-08-24
H3-CL-004_H3-CL-007	H3-CL-004	H3-CL-007	1.118	1.13	0.067	2.155	0.060	792.6	2011-08-24
H3-CL-007_H3-CL-011	H3-CL-007	H3-CL-011	0.186	1.12	0.150	2.160	0.806	1811.1	2011-08-24

H3-CL-011_H3-05-100	H3-CL-011	H3-05-100	0.990	1.12	0.150	1.958	0.152	1808.0	2011-08-24
H3-CL-013_H3-CL-015A	H3-CL-013	H3-CL-015A	0.437	1.08	-0.129	2.556	-0.295	-188.4	2011-08-24
H3-CL-015A_H1-CL-036	H3-CL-015A	H1-CL-036	0.963	1.08	-0.127	3.117	-0.132	-108.8	2011-08-24
H3-CO-001_H3-CO-004	H3-CO-001	H3-CO-004	0.026	5.46	0.032	2.287	1.260	428.3	2011-08-24
H3-CO-004_H3-03-004	H3-CO-004	H3-03-004	2.595	0.48	1.112	1.676	0.428	23817.1	2011-08-24
H3-CO-006_H3-CO-004	H3-CO-006	H3-CO-004	0.060	5.49	0.032	0.520	0.535	428.4	2011-08-24
H3-GA-001_H1-01-021	H3-GA-001	H1-01-021	1.380	0.80	0.539	1.840	0.390	6083.6	2011-08-24
H3-GA-001_H3-GA-004	H3-GA-001	H3-GA-004	1.262	0.86	-0.563	2.004	-0.446	-5954.1	2011-08-24
H3-GA-004_H3-03-010	H3-GA-004	H3-03-010	1.454	0.93	-0.520	2.806	-0.358	-5330.1	2011-08-24
H3-GA-013C_H3-03-010	H3-GA-013C	H3-03-010	1.049	1.00	0.492	2.806	0.469	5379.8	2011-08-24
H3-GA-014_H3-GA-013C	H3-GA-014	H3-GA-013C	0.433	1.05	0.423	2.484	0.976	4623.0	2011-08-24
H3-GA-015A_H3-GA-014	H3-GA-015A	H3-GA-014	1.311	1.11	0.415	2.490	0.316	4432.0	2011-08-24
H3-GA-018A_H3-GA-015A	H3-GA-018A	H3-GA-015A	0.552	1.15	0.387	2.924	0.701	3966.4	2011-08-24
H3-GA-023_H3-GA-018A	H3-GA-023	H3-GA-018A	1.391	1.19	0.361	1.960	0.259	3568.3	2011-08-24
H3-GA-028_H3-GA-023	H3-GA-028	H3-GA-023	1.165	1.20	0.301	1.290	0.259	2681.6	2011-08-24
H3-GA-033_H3-GA-028	H3-GA-033	H3-GA-028	1.428	1.40	0.167	0.748	0.117	1764.7	2011-08-24
H3-GA-037_H3-GA-033	H3-GA-037	H3-GA-033	0.810	1.58	0.065	0.239	0.080	716.2	2011-08-24
H3-HU-001_H3-03-004	H3-HU-001	H3-03-004	0.179	3.48	0.017	5.068	0.097	184.4	2011-08-24
H3-HU-004_H3-03-004	H3-HU-004	H3-03-004	0.000	0.45	0.016	5.168		206.3	2011-08-24
H3-INT-001_H3-INT-002	H3-INT-001	H3-INT-002	0.000	0.07	-0.101	2.594		-904.5	2011-08-24
H3-INT-002_H3 REGULATOR	H3-INT-002	H3-INT-003A	9.018	0.07	-0.101	3.137	-0.011	-916.1	2011-08-24
H3-INT-003_H3-INT-004	H3-INT-003	H3-INT-004	6.260	-0.56	0.330	1.813	0.053	12827.8	2011-08-24
H3-INT-003A_H3 REGULATOR	H3-INT-003A	H3	5.802	-0.07	1.238	2.979	0.213	25880.7	2011-08-24
H3-INT-004_H3-INT-005	H3-INT-004	H3-INT-005	5.518	-0.56	0.330	1.707	0.060	12824.7	2011-08-24
H3-INT-005_H3-INT-006	H3-INT-005	H3-INT-006	1.980	-0.57	0.277	1.807	0.140	12814.3	2011-08-24
H3-INT-006_H3-INT-007	H3-INT-006	H3-INT-007	2.683	-0.57	0.275	1.849	0.103	12798.3	2011-08-24
H3-PA-001_H3-PA-004	H3-PA-001	H3-PA-004	0.359	1.11	0.056	1.628	0.156	616.5	2011-08-24
H3-PA-004_H3-PA-009	H3-PA-004	H3-PA-009	0.760	1.10	0.147	2.186	0.193	1678.2	2011-08-24
H3-PA-009_H3-PA-012	H3-PA-009	H3-PA-012	0.869	1.08	0.198	2.135	0.228	2191.0	2011-08-24
H3-PA-012_H3-03-015	H3-PA-012	H3-03-015	0.549	1.06	0.259	2.269	0.471	2810.7	2011-08-24
H3-PA-025_H1-PA-024	H3-PA-025	H1-PA-024	1.031	1.02	-0.189	2.630	-0.184	-1330.1	2011-08-24
H3-RI-001_H3-RI-002	H3-RI-001	H3-RI-002	0.072	0.26	0.013	0.579	0.185	247.4	2011-08-24
H3-RI-002_H3-RI-003	H3-RI-002	H3-RI-003	0.051	0.13	0.013	0.834	0.258	247.1	2011-08-24
H3-RI-003_H3-RI-006	H3-RI-003	H3-RI-006	0.257	0.13	0.014	2.633	0.054	328.0	2011-08-24
H3-WI-002_H3-WI-005	H3-WI-002	H3-WI-005	1.684	1.12	0.058	2.373	0.034	657.2	2011-08-24
H3-WI-005_H3-WI-010	H3-WI-005	H3-WI-010	0.697	1.12	0.061	3.316	0.088	617.6	2011-08-24
H3-WI-010_H3-05-090	H3-WI-010	H3-05-090	0.642	1.12	0.147	2.400	0.228	1539.0	2011-08-24
H3-WI-022_H3-03-022A	H3-WI-022	H3-03-022A	1.612	1.07	0.418	3.124	0.259	5762.9	2011-08-24
H3-WI-038AB_H1-02-038A	H3-WI-038AB	H1-02-038A	0.493	1.03	0.265	3.096	0.537	3152.7	2011-08-24
H3-WW.1	H3-IC	H3-INT-003	4.965	-0.56	0.291	2.258	0.059	12831.3	2011-08-24
H3-WW_OF-H4-TG2	H3-WW	OF-H4-TG2	3.876	-0.14	0.978	0.683	0.252	12966.4	2011-08-24
H4 REGULATOR_HWF-INT-012	H3-INT-007	HWF-INT-012	1.625	-0.58	0.447	1.886	0.275	21048.3	2011-08-24
H4-04-002_H4-04-003	H4-04-002	H4-04-003	9.290	1.46	0.023	2.782	0.002	50.9	2011-08-24
H4-04-003_H4-04-010	H4-04-003	H4-04-010	11.296	0.03	1.926	0.623	0.171	25181.1	2011-08-24
H4-04-004_H4-04-003	H4-04-004	H4-04-003	11.071	0.16	1.968	0.421	0.178	24886.8	2011-08-24
H4-04-005_H4-04-004	H4-04-005	H4-04-004	4.256	0.32	1.916	0.503	0.450	23978.4	2011-08-24

H4-04-006_H4-04-005	H4-04-006	H4-04-005	17.025	0.40	1.957	0.912	0.115	22068.4	2011-08-31
H4-04-007_H4-04-006	H4-04-007	H4-04-006	8.515	0.43	1.805	0.587	0.212	22089.9	2011-08-31
H4-04-008_H4-04-007	H4-04-008	H4-04-007	3.214	0.57	1.816	0.842	0.565	22056.1	2011-08-31
H4-04-010_H4	H4-04-010	H4	8.466	-0.05	1.952	0.587	0.231	25312.4	2011-08-31
H4-07-080_H4-GA-005	H4-07-080	H4-GA-005	6.710	0.74	1.740	0.906	0.259	21834.9	2011-08-31
H4-07-090_H4-07-080	H4-07-090	H4-07-080	5.935	0.78	1.735	1.004	0.292	21823.1	2011-08-31
H4-07-090_H4-07-090A	H4-07-090A	H4-07-090	7.063	0.81	1.394	1.403	0.197	19790.3	2011-08-31
H4-07-100_H4-07-090A	H4-07-100	H4-07-090A	1.016	0.82	0.275	4.415	0.270	3962.5	2011-08-31
H4-07-140_H4-CL-027	H4-07-140	H4-CL-027	5.704	0.85	1.072	1.064	0.188	14695.7	2011-08-31
H4-07-150_H4-07-150A	H4-07-150	H4-07-150A	8.496	0.87	0.884	1.118	0.104	12755.3	2011-08-31
H4-07-150A_H4-07-140	H4-07-150A	H4-07-140	1.367	0.86	0.933	1.076	0.682	13351.5	2011-08-31
H4-07-160_H4-07-150	H4-07-160	H4-07-150	3.764	0.88	0.849	1.122	0.225	11933.5	2011-08-31
H4-07-170_H4-07-160	H4-07-170	H4-07-160	1.661	0.89	0.785	1.591	0.473	10655.0	2011-08-31
H4-07-180_H4-07-170	H4-07-180	H4-07-170	1.873	0.90	0.650	1.621	0.347	6965.8	2011-08-31
H4-07-190_H4-MA-015	H4-07-190	H4-MA-015	1.828	0.91	0.531	1.132	0.290	5300.3	2011-08-31
H4-07-200_H4-07-190	H4-07-200	H4-07-190	1.367	0.91	0.321	1.067	0.235	3840.6	2011-08-31
H4-AD-002_H4-AD-011	H4-AD-010	H4-AD-011	0.704	0.89	0.052	1.676	0.074	549.9	2011-08-31
H4-AD-011_H4-07-160	H4-AD-011	H4-07-160	0.393	0.89	0.116	2.618	0.296	1142.4	2011-08-31
H4-CL-001_H4-CL-004	H4-CL-001	H4-CL-004	0.347	0.90	0.049	2.038	0.141	517.7	2011-08-31
H4-CL-004_H4-CL-009	H4-CL-004	H4-CL-009	0.287	0.89	0.047	0.925	0.165	498.6	2011-08-31
H4-CL-009_H4-CL-013	H4-CL-009	H4-CL-013	0.634	0.88	0.096	1.394	0.151	1004.4	2011-08-31
H4-CL-013_H4-CL-016	H4-CL-013	H4-CL-016	0.391	0.88	0.114	1.943	0.290	1180.3	2011-08-31
H4-CL-016_H4-CL-017	H4-CL-016	H4-CL-017	0.981	0.86	0.135	2.045	0.137	1392.3	2011-08-31
H4-CL-017_H4-07-140	H4-CL-017	H4-07-140	0.761	0.86	0.135	3.090	0.177	1351.4	2011-08-31
H4-CL-018_H4-CL-022	H4-CL-020	H4-CL-022	0.091	0.93	0.057	3.184	0.628	592.3	2011-08-31
H4-CL-022_H4-CL-027	H4-CL-022	H4-CL-027	0.123	0.91	0.110	1.966	0.897	1172.2	2011-08-31
H4-CL-027_H4-07-090A	H4-CL-027	H4-07-090A	8.501	0.84	1.201	1.411	0.141	16013.3	2011-08-31
H4-GA-002_H4-04-008	H4-GA-002	H4-04-008	5.860	0.65	1.822	1.016	0.311	22096.8	2011-08-31
H4-GA-004_H4-GA-002	H4-GA-004	H4-GA-002	3.978	0.69	1.793	1.111	0.451	21968.8	2011-08-31
H4-GA-005_H4-GA-004	H4-GA-005	H4-GA-004	7.585	0.72	1.764	1.117	0.233	21943.6	2011-08-31
H4-GR-009_H4-07-150A	H4-GR-008	H4-07-150A	1.125	0.87	0.048	1.372	0.043	512.7	2011-08-31
H4-GR-010_H4-07-150	H4-GR-010	H4-07-150	0.457	0.88	0.079	2.184	0.173	815.1	2011-08-31
H4-GR-011_H4-GR-010	H4-GR-011	H4-GR-010	0.481	0.88	0.054	2.188	0.111	565.2	2011-08-31
H4-GR-012_H4-GR-011	H4-GR-012	H4-GR-011	0.325	0.88	0.004	3.316	0.013	34.9	2011-08-31
H4-HA-001_H4-07-200	H4-HA-001	H4-07-200	0.641	0.92	0.058	3.006	0.090	612.7	2011-08-31
H4-HA-003_H4-HA-001	H4-HA-003	H4-HA-001	0.287	0.92	0.055	2.455	0.191	557.1	2011-08-31
H4-HA-004_H4-HA-003	H4-HA-004	H4-HA-003	0.346	0.92	0.005	3.744	0.015	178.5	2011-08-31
H4-HA-007_H4-HA-004	H4-HA-007	H4-HA-004	0.057	0.92	0.005	3.376	0.080	111.2	2011-08-31
H4-HU-001_H4-04-004	H4-HU-001	H4-04-004	14.891	5.88	0.054	1.222	0.004	598.0	2011-08-31
H4-HU-002_H4-HU-001	H4-HU-002	H4-HU-001	0.000	6.17	0.043	0.686		413.8	2011-08-31
H4-JA-002_H1-JA-046	MH-T5-5STB	H1-JA-046	4.494	0.95	-0.154	3.250	-0.034	671.3	2011-08-31
H4-JA-002_H4-JA-003	H4-JA-002	H4-JA-003	0.100	0.94	-0.066	6.900	-0.660	-690.0	2011-08-31
H4-JA-003_H4-JA-004	H4-JA-003	H4-JA-004	0.090	0.93	-0.066	9.242	-0.729	-654.0	2011-08-31
H4-JA-004_H4-JA-006	H4-JA-004	H4-JA-006	1.741	0.92	0.160	3.271	0.092	-229.9	2011-08-31
H4-JA-006_H4-07-200	H4-JA-006	H4-07-200	1.361	0.92	0.181	1.829	0.133	1201.5	2011-08-31

H4-JA-009_H4-07-200	H4-JA-009	H4-07-200	0.289	0.93	0.175	2.949	0.607	2006.0	2011-08-31
H4-JA-011_H4-JA-009	H4-JA-011	H4-JA-009	0.426	0.94	0.061	3.532	0.143	786.1	2011-08-31
H4-JE-005_H4-07-170	H4-JE-005	H4-07-170	0.711	0.92	0.224	2.720	0.314	3532.8	2011-08-31
H4-JE-007_H4-JE-005	H4-JE-007	H4-JE-005	0.297	0.95	0.147	2.547	0.495	2789.6	2011-08-31
H4-JE-007_H5-JE-742	H4-JE-007	H5-JE-742	0.343	0.97	-0.134	2.684	-0.391	-2327.8	2011-08-31
H4-MA-001_H4-MA-006	H4-MA-001	H4-MA-006	0.374	0.91	0.133	4.251	0.356	925.8	2011-08-31
H4-MA-006_H4-07-180	H4-MA-006	H4-07-180	0.375	0.91	0.154	3.432	0.409	1688.6	2011-08-31
H4-MA-008_H4-MA-015	H4-MA-008	H4-MA-015	1.755	0.91	-0.043	4.288	-0.025	-125.9	2011-08-31
H4-MA-015_H4-07-180	H4-MA-015	H4-07-180	6.278	0.91	0.548	1.719	0.087	5317.5	2011-08-31
H4-MO-001_H4-07-190	H4-MO-001	H4-07-190	3.493	0.91	0.146	2.700	0.042	1392.9	2011-08-31
H4-MO-002A_H4-MO-001	H4-MO-002A	H4-MO-001	0.681	0.94	0.136	3.286	0.200	1271.5	2011-08-31
H4-MO-004_H4-MO-002A	H4-MO-004	H4-MO-002A	0.521	0.96	0.088	4.127	0.170	562.0	2011-08-31
H4-PA-005_H4-07-090	H4-PA-004	H4-07-090	1.442	0.82	0.318	1.884	0.221	1903.6	2011-08-31
H4-PA-005_H4-WI-013	H4-PA-005	H4-WI-013	0.925	0.84	0.141	1.517	0.153	930.0	2011-08-31
H4-PA-008_H4-PA-005	H4-PA-008	H4-PA-005	0.129	0.84	0.208	0.894	1.609	2090.2	2011-08-31
H4-PA-011_H4-PA-008	H4-PA-011	H4-PA-008	3.193	0.84	0.134	0.892	0.042	1385.8	2011-08-31
H4-PA-012_H4-PA-011	H4-PA-012	H4-PA-011	0.805	0.85	0.079	1.339	0.098	876.1	2011-08-31
H4-PA-016_H4-PA-012	H4-PA-016	H4-PA-012	1.896	2.10	0.058	0.396	0.030	591.7	2011-08-31
H4-WI-001_H4-WI-004	H4-WI-001	H4-WI-004	0.401	0.85	0.058	0.927	0.145	542.4	2011-08-31
H4-WI-004_H4-WI-005	H4-WI-004	H4-WI-005	1.077	0.85	0.071	0.668	0.066	541.8	2011-08-31
H4-WI-005_H4-WI-009	H4-WI-005	H4-WI-009	1.047	0.85	0.147	1.091	0.140	1306.7	2011-08-31
H4-WI-009_H4-WI-013	H4-WI-009	H4-WI-013	1.057	0.85	0.202	1.517	0.191	2077.8	2011-08-31
H4-WI-013_H4-07-100	H4-WI-013	H4-07-100	2.223	0.84	0.258	3.451	0.116	3755.7	2011-08-31
H4-WW.2	H4-WW	OF-H4-TG2	0.000	-0.13	1.788	0.505		17026.3	2011-08-31
H5_GC to H5_OF Original	H5_Inflow_Dummy	H5_Outflow_Dummy	0.000	-0.41	1.621	0.766		31757.3	2011-08-31
H5_GC.3	H5-SF	H5_GC	14.198	-0.38	1.625	0.133	0.114	31882.5	2011-08-31
H5_TideGate.1	H5_OF	Outfall6	0.000	-0.64	1.625	0.286		31636.7	2011-08-31
H5_WW.3	H5-WW	H5-SF	0.000	0.01	1.626	0.451		31889.5	2011-08-31
H5-09-444_H5-WA-440	H5-09-444	H5-WA-440	0.264	5.07	0.008	0.885	0.032	84.1	2011-08-31
H5-09-804_H4-MO-004	H5-09-804	H4-MO-004	0.020	1.02	0.009	7.304	0.466	185.6	2011-08-31
H5-10-446_H5-WA-400	H5-10-446	H5-WA-400	0.194	2.69	0.008	3.471	0.043	83.9	2011-08-31
H5-11-010_H5-11-009	H5-11-010	H5-INT-008A	1.098	0.70	0.894	2.032	0.814	23418.0	2011-08-31
H5-11-010_H5-WA-350	H5-11-010	H5-WA-350	2.626	1.84	-0.400	2.990	-0.152	-17546.7	2011-08-31
H5-11-015_H5-11-010	H5-11-015	H5-11-010	1.609	2.45	0.718	1.513	0.446	7357.0	2011-08-31
H5-11-020.1	H5-INT-008A	H5	5.173	0.30	0.894	0.949	0.173	23473.0	2011-08-31
H5-11-316_H5-WA-350	H5-11-316	H5-WA-350	1.781	1.84	0.170	0.978	0.095	1470.4	2011-08-31
H5-11-318_H5-11-316	H5-11-318	H5-11-316	0.497	1.85	0.159	1.857	0.320	1377.1	2011-08-31
H5-11-510_H5-11-009	H5-11-510	H5-11-009	17.063	0.95	0.645	1.135	0.038	19126.2	2011-08-31
H5-11-520_H5-11-510	H5-11-520	H5-11-510	3.626	0.95	0.629	1.137	0.173	19042.4	2011-08-31
H5-11-530_H5-11-520	H5-11-530	H5-11-520	0.000	0.96	0.626	1.100		19120.4	2011-08-31
H5-11-560_H5-11-530	H5-11-560	H5-11-530	10.436	0.96	0.521	1.101	0.050	17764.1	2011-08-31
H5-11-580_H5-11-560	H5-11-580	H5-11-560	6.543	0.96	0.454	0.812	0.069	17191.5	2011-08-31
H5-11-580_H6-PA-582	H5-11-580	H6-PA-582	0.437	1.22	-0.108	7.228	-0.246	-9246.0	2011-08-31
H5-11-620_H5-11-580	H5-11-620	H5-11-580	6.860	0.96	0.304	1.029	0.044	7605.1	2011-08-31
H5-11-620_H5-WI-624	H5-11-620	H5-WI-624	0.963	0.99	-0.150	4.349	-0.156	-1667.0	2011-08-31
H5-11-630_H5-11-620	H5-11-630	H5-11-620	10.118	0.96	0.239	0.735	0.024	6017.3	2011-08-31

H5-11-640_H5-11-630	H5-11-640	H5-11-630	4.380	0.96	0.215	1.003	0.049	5717.9	2011-08-21
H5-11-640A_H7-SIP-006	H5-11-640A	H7-SIP-006	0.914	0.49	0.613	0.918	0.671	34936.8	2011-08-21
H5-11-650_H5-11-640	H5-11-650	H5-11-640	0.000	0.96	0.389	0.666		6596.0	2011-08-21
H5-11-670_H5-11-650	H5-11-670	H5-11-650	1.632	0.97	0.342	0.934	0.209	5591.0	2011-08-21
H5-11-670_H5-GR-678	H5-11-670	H5-GR-678	0.429	0.97	-0.045	2.845	-0.105	-432.3	2011-08-21
H5-11-691_H5-11-670	H5-11-691	H5-11-670	2.929	0.97	0.310	1.451	0.106	4430.4	2011-08-21
H5-11-710_H5-11-691	H5-11-710	H5-11-691	3.752	0.97	0.358	0.979	0.095	4347.4	2011-08-21
H5-11-720_H5-11-710	H5-11-720	H5-11-710	3.751	0.97	0.351	0.962	0.094	4297.5	2011-08-21
H5-11-730_H5-11-720	H5-11-730	H5-11-720	3.001	0.97	0.328	0.937	0.109	3950.1	2011-08-21
H5-11-730_H5-JE-734	H5-11-730	H5-JE-734	0.733	0.97	0.060	2.833	0.082	54.0	2011-08-21
H5-11-750_H5-11-730	H5-11-750	H5-11-730	3.609	0.97	0.374	1.932	0.104	4164.7	2011-08-21
H5-11-780_H5-11-750	H5-11-780	H5-11-750	1.090	0.97	0.165	1.342	0.151	2539.1	2011-08-21
H5-11-780_H5-MO-794	H5-11-780	H5-MO-794	0.737	0.97	-0.130	3.081	-0.176	-1469.2	2011-08-21
H5-11-788_H5-11-780	H5-11-788	H5-11-780	0.787	0.97	0.035	2.635	0.045	527.3	2011-08-21
H5-12-013_H5-HU-012	H5-12-013	H5-HU-012	7.570	1.67	0.035	0.964	0.005	1051.6	2011-08-21
H5-12-594_H5-12-599	H5-12-594	H5-12-599	0.069	1.20	0.035	0.927	0.512	376.1	2011-08-21
H5-12-599_H5-12-602	H5-12-599	H5-12-602	0.433	1.18	0.034	0.469	0.079	375.9	2011-08-21
H5-12-608_H5-12-602	H5-12-608	H5-12-602	0.093	1.15	-0.083	2.279	-0.893	-944.4	2011-08-21
H5-12-786_H5-MO-784	H5-12-786	H5-MO-784	0.590	0.97	0.001	2.029	0.002	46.4	2011-08-21
H5-AD-698_H5-11-691	H5-AD-698	H5-11-691	0.293	0.97	-0.064	2.446	-0.218	-84.1	2011-08-21
H5-AD-712_H5-11-710	H5-AD-712	H5-11-710	0.071	0.97	0.006	4.810	0.079	56.9	2011-08-21
H5-AD-717_H5-11-720	H5-AD-714	H5-11-720	0.051	0.97	0.034	4.686	0.674	365.9	2011-08-21
H5-AT-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.72	0.106	0.456	0.050	991.0	2011-08-21
H5-BL-334_H5-11-318	H5-BL-334	H5-11-318	0.379	1.85	0.098	1.850	0.259	806.9	2011-08-21
H5-BL-346_H5-BL-334	H5-BL-346	H5-BL-334	0.533	1.85	0.037	1.780	0.069	304.8	2011-08-21
H5-BL-354_H5-BL-346	H5-BL-354	H5-BL-346	0.136	2.76	0.022	1.772	0.158	228.4	2011-08-21
H5-CL-648_H5-11-640	H5-CL-648	H5-11-640	0.306	0.95	-0.198	2.641	-0.648	-818.1	2011-08-21
H5-CL-662_H5-11-650	H5-CL-662	H5-11-650	0.427	0.99	0.078	2.334	0.183	814.4	2011-08-21
H5-CP-071_H5-HU-151	H5-CP-071	H5-HU-151	1.016	6.63	0.268	0.885	0.264	2697.3	2011-08-21
H5-CP-097_H5-CP-071	H5-CP-097	H5-CP-071	1.167	7.38	0.269	0.704	0.230	2698.7	2011-08-21
H5-CP-104_H5-CP-097	H5-CP-104	H5-CP-097	0.245	14.37	0.084	1.425	0.343	896.0	2011-08-21
H5-CP-112_H5-CP-104	H5-CP-112	H5-CP-104	0.030	14.63	0.030	0.810	0.995	349.5	2011-08-21
H5-CP-112_H5-ST-254	H5-CP-112	H5-ST-254	1.952	14.50	0.172	0.420	0.088	1601.0	2011-08-21
H5-Discharge1	H5_Outflow	H5_Outflow_Dummy	0.000	-0.41	0.000	1.198		0.0	2011-08-21
H5-GA-001A_H6-GA-562	H6-GA-001A	H5-GA-562	0.097	2.00	0.000	0.446	0.001	0.2	2011-08-21
H5-GA-562_H5-11-560	H5-GA-562	H5-11-560	0.899	1.73	0.056	4.546	0.062	559.6	2011-08-21
H5-GR-674_H5-11-670	H5-GR-674	H5-11-670	0.674	0.97	0.032	2.274	0.047	146.2	2011-08-21
H5-GR-682_H5-GR-678	H5-GR-682	H5-GR-678	1.236	0.97	0.045	2.845	0.037	454.4	2011-08-21
H5-GR-684_H5-GR-682	H5-GR-684	H5-GR-682	2.268	1.16	0.028	0.850	0.012	289.3	2011-08-21
H5-GR-688_H5-GR-682	H5-GR-688	H5-GR-682	2.219	0.97	0.002	3.122	0.001	16.5	2011-08-21
H5-HU-007_H5-HU-012	H5-HU-007	H5-HU-012	0.369	0.99	0.046	0.964	0.124	311.9	2011-08-21
H5-HU-007_H6-HU-001	H5-HU-007	H6-HU-001	1.277	1.00	0.049	0.987	0.039	248.6	2011-08-21
H5-HU-010_H5-11-009	H5-HU-010	H5-11-009	0.293	0.95	0.147	2.379	0.502	2288.4	2011-08-21
H5-HU-012_H5-HU-010	H5-HU-012	H5-HU-010	0.638	0.99	0.137	1.438	0.215	2191.3	2011-08-21
H5-HU-015_H5-12-013	H5-HU-015	H5-12-013	0.110	2.28	0.035	0.386	0.315	1051.8	2011-08-21
H5-HU-017_H5-HU-015	H5-HU-017	H5-HU-015	0.088	2.82	0.026	0.751	0.291	272.2	2011-08-21

H5-HU-020_H5-11-015	H5-HU-020	H5-11-015	1.181	3.13	0.673	1.146	0.570	6888.5	2011-08-24
H5-HU-040_H5-HU-020	H5-HU-040	H5-HU-020	1.536	3.61	0.642	1.064	0.418	6389.2	2011-08-24
H5-HU-150A_H5-HU-151	H5-HU-150A	H5-HU-151	1.594	4.70	0.364	0.708	0.228	3569.8	2011-08-24
H5-HU-151_H5-HU-040	H5-HU-151	H5-HU-040	2.415	4.38	0.630	0.741	0.261	6264.2	2011-08-24
H5-HU-200A_H5-HU-150A	H5-HU-200A	H5-HU-150A	1.540	5.37	0.344	0.488	0.224	3341.4	2011-08-24
H5-HU-250_H5-HU-200A	H5-HU-250	H5-HU-200A	1.342	5.94	0.261	0.365	0.195	2478.4	2011-08-24
H5-HU-272_H5-HU-250	H5-HU-272	H5-HU-250	1.408	6.19	0.008	0.369	0.006	79.8	2011-08-24
H5-HW-542_H5-11-530	H5-HW-542	H5-11-530	0.161	1.88	0.113	0.615	0.703	1154.9	2011-08-24
H5-IC.1	H5-IC	11PS	2.666	0.21	0.201	2.779	0.076	14566.1	2011-08-24
H5-INT-001_H5-11-640A	H5-INT-001	H5-11-640A	1.345	0.56	0.613	0.928	0.456	35570.0	2011-08-24
H5-INT-002_H5-INT-001	H5-INT-002	H5-INT-001	2.021	0.60	0.440	1.520	0.218	21388.4	2011-08-24
H5-INT-003_H5-INT-002	H5-INT-003	H5-INT-002	0.000	0.64	0.440	1.080		21412.3	2011-08-24
H5-INT-004_H5-INT-003	H5-INT-004	H5-INT-003	1.551	5.86	0.440	0.364	0.284	21428.0	2011-08-24
H5-INT-004A_H5-INT-004	H5-INT-004A	H5-INT-004	0.982	6.44	0.440	0.617	0.448	21475.3	2011-08-24
H5-INT-004B_H5-INT-004A	H5-INT-004B	H5-INT-004A	1.220	7.12	0.440	0.570	0.361	21533.9	2011-08-24
H5-INT-005_H5-INT-004B	H5-INT-005	H5-INT-004B	0.487	7.46	0.440	0.661	0.904	21585.0	2011-08-24
H5-INT-006_H5-INT-005	H5-INT-006	H5-INT-005	0.000	7.50	0.440	0.701		21649.4	2011-08-24
H5-INT-007_H5-INT-006	H5-INT-007	H5-INT-006	0.740	7.59	0.440	0.736	0.595	21672.0	2011-08-24
H5-INT-007A_H5-INT-007	H5-INT-007A	H5-INT-007	1.246	8.11	0.440	0.711	0.353	21703.1	2011-08-24
H5-INT-008_11th St PS	H5-11-020	H5-INT-001	0.519	0.61	0.173	1.034	0.334	14519.6	2011-08-24
H5-INT-009_H5-INT-008	H5-INT-009	H5-INT-008	0.245	0.23	0.136	2.832	0.557	2171.4	2011-08-24
H5-INT-010_H5-INT-009	H5-INT-010	H5-INT-009	0.806	0.23	0.131	2.906	0.162	2195.3	2011-08-24
H5-JE-734_H5-JE-736A	H5-JE-734	H5-JE-736A	0.814	0.96	0.063	4.584	0.077	168.4	2011-08-24
H5-JE-736A_H7-JE-007	H5-JE-736A	H7-JE-007	0.922	0.96	0.068	3.559	0.074	466.1	2011-08-24
H5-JE-742_H5-11-730	H5-JE-742	H5-11-730	0.298	0.97	0.065	4.032	0.218	-415.1	2011-08-24
H5-JK-798_H5-09-804	H5-JK-798	H5-09-804	0.071	1.03	0.009	4.292	0.131	187.8	2011-08-24
H5-JK-798_H5-MO-794	H5-JK-798	H5-MO-794	0.077	1.03	0.019	6.162	0.249	228.1	2011-08-24
H5-MA-754_H5-11-750	H5-MA-754	H5-11-750	0.141	0.97	-0.025	3.876	-0.178	260.6	2011-08-24
H5-MA-756_H5-MA-754	H5-MA-756	H5-MA-754	0.756	0.97	-0.028	4.836	-0.037	154.7	2011-08-24
H5-MA-756A_H5-MA-756	H5-MA-756A	H5-MA-756	0.065	0.96	-0.032	6.075	-0.488	-147.9	2011-08-24
H5-MA-762_H5-11-750	H5-MA-762	H5-11-750	1.124	0.97	0.075	3.067	0.067	656.8	2011-08-24
H5-MA-762_H5-MA-768	H5-MA-764	H5-MA-768	0.098	0.91	0.033	6.747	0.339	151.4	2011-08-24
H5-MA-768_H4-MA-001	H5-MA-768	H4-MA-001	1.262	0.91	0.117	5.210	0.092	232.4	2011-08-24
H5-MO-784_H5-11-780	H5-MO-784	H5-11-780	1.034	0.97	-0.022	2.108	-0.021	279.7	2011-08-24
H5-MO-794_H4-MO-004	H5-MO-794	H4-MO-004	0.307	0.97	0.055	4.261	0.179	-14.8	2011-08-24
H5-SF.3	H5-INT-008	H5-IC	2.555	0.22	0.136	2.761	0.053	2135.4	2011-08-24
H5-SH-052_H5-HU-040	H5-SH-052	H5-HU-040	0.060	4.03	0.010	2.223	0.173	83.1	2011-08-24
H5-ST-078_H5-CP-097	H5-ST-078	H5-CP-097	0.076	8.19	0.142	2.246	1.856	1368.9	2011-08-24
H5-ST-084_H5-ST-078	H5-ST-084	H5-ST-078	0.185	12.34	0.083	3.198	0.449	783.1	2011-08-24
H5-ST-096_H5-ST-084	H5-ST-096	H5-ST-084	0.125	21.44	0.041	1.127	0.324	386.9	2011-08-24
H5-ST-114_H5-CP-112	H5-ST-114	H5-CP-112	0.104	20.23	0.065	1.215	0.622	611.4	2011-08-24
H5-ST-116_H5-ST-114	H5-ST-116	H5-ST-114	0.118	24.17	0.043	1.149	0.364	401.0	2011-08-24
H5-ST-124_H5-CP-112	H5-ST-124	H5-CP-112	0.085	17.40	0.092	2.487	1.080	898.6	2011-08-24
H5-ST-128_H5-ST-124	H5-ST-128	H5-ST-124	0.084	18.15	0.079	3.313	0.948	783.8	2011-08-24
H5-ST-134_H5-ST-128	H5-ST-134	H5-ST-128	0.158	18.45	0.061	3.281	0.387	607.7	2011-08-24

H5-ST-136_H5-ST-134	H5-ST-136	H5-ST-134	0.087	18.73	0.062	2.537	0.709	607.9	2011-08-24
H5-ST-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.72	0.106	0.456	0.050	991.0	2011-08-24
H5-ST-254_H5-ST-252	H5-ST-254	H5-ST-252	1.967	10.81	0.188	0.313	0.096	1749.7	2011-08-24
H5-WA-350_H5-WA-356	H5-WA-350	H5-WA-356	3.976	1.84	0.178	1.765	0.045	571.2	2011-08-24
H5-WA-356_H6-WA-004	H5-WA-356	H6-WA-004	0.144	1.84	0.085	2.951	0.592	659.4	2011-08-24
H5-WA-400_H5-WA-350	H5-WA-400	H5-WA-350	1.233	1.88	0.284	0.978	0.230	3174.1	2011-08-24
H5-WA-440_H5-WA-400	H5-WA-440	H5-WA-400	0.397	1.97	0.197	1.388	0.496	2226.0	2011-08-24
H5-WA-480_H5-WA-440	H5-WA-480	H5-WA-440	1.078	2.23	0.131	0.354	0.121	1394.4	2011-08-24
H5-WA-480A_H5-WA-480	H5-WA-480A	H5-WA-480	0.786	2.37	0.031	0.222	0.040	323.3	2011-08-24
H5-WA-490_H5-WA-480	H5-WA-490	H5-WA-480	1.124	2.26	0.051	0.222	0.045	534.5	2011-08-24
H5-WA-490A_H5-WA-490	H5-WA-490A	H5-WA-490	0.732	2.33	0.024	0.184	0.032	245.7	2011-08-24
H5-WI-606_H5-12-602	H5-WI-606	H5-12-602	0.126	1.19	0.029	0.782	0.233	315.9	2011-08-24
H5-WI-612_H5-12-608	H5-WI-612	H5-12-608	0.008	1.51	0.014	3.809	1.768	141.5	2011-08-24
H5-WI-624_H5-12-608	H5-WI-624	H5-12-608	0.219	1.06	-0.150	2.292	-0.687	-1667.2	2011-08-24
H6 REGULATOR_H5-INT-010	H6-IC	H5-INT-010	1.895	0.24	0.131	2.626	0.069	2287.4	2011-08-24
H6-14-001_H6-14-002	H6-14-001	H6-14-002	0.146	0.93	0.064	3.643	0.437	1087.2	2011-08-24
H6-14-002_H6-14-003A	H6-14-002	H6-14-003A	0.204	0.90	0.064	3.353	0.314	1082.4	2011-08-24
H6-14-003_H6-14-006	H6-14-003	H6-14-006	0.613	0.87	0.282	1.845	0.460	3814.2	2011-08-24
H6-14-003A_H6-14-003B	H6-14-003A	H6-14-003B	0.735	0.88	0.064	3.370	0.087	1077.2	2011-08-24
H6-14-003B_H6-14-003	H6-14-003B	H6-14-003	4.700	0.88	0.064	1.754	0.014	1087.8	2011-08-24
H6-14-006_H6-14-008	H6-14-006	H6-14-008	1.659	0.84	0.335	1.681	0.202	4390.4	2011-08-24
H6-14-008_H6-14-010	H6-14-008	H6-14-010	0.742	0.82	0.548	1.732	0.738	7149.4	2011-08-24
H6-14-010A_H6-14-010	H6-14-010A	H6-14-010	0.078	1.12	0.162	5.273	2.076	2154.3	2011-08-24
H6-14-010B_H6-14-010A	H6-14-010B	H6-14-010A	0.046	2.24	0.098	8.534	2.129	1376.1	2011-08-24
H6-14-010C_H6-14-010B	H6-14-010C	H6-14-010B	0.064	2.99	0.078	9.607	1.228	1076.8	2011-08-24
H6-14-020.1	H6-14-020	H6	0.230	0.52	-0.012	2.683	-0.050	-2.5	2011-08-24
H6-GA-001A_H6-GA-005	H6-GA-001A	H6-GA-005	0.161	1.71	0.054	3.839	0.339	598.6	2011-08-24
H6-GA-005_H6-GA-008	H6-GA-005	H6-GA-008	0.091	1.46	0.118	1.650	1.299	1298.8	2011-08-24
H6-GA-008_H6-14-003	H6-GA-008	H6-14-003	0.159	0.93	0.132	3.843	0.831	1459.7	2011-08-24
H6-GA-009_H6-14-003	H6-GA-009	H6-14-003	4.947	1.78	0.052	0.053	0.011	760.6	2011-08-24
H6-HU-001_H6-HU-002	H6-HU-001	H6-HU-003	0.064	0.94	0.068	2.686	1.063	752.8	2011-08-24
H6-HU-001A_H6-HU-001	H6-HU-001A	H6-HU-001	0.087	1.03	0.022	3.501	0.246	255.6	2011-08-24
H6-HU-003_H6-14-010	H6-HU-003	H6-14-010	0.368	0.76	0.072	3.465	0.197	950.0	2011-08-24
H6-HW-001_H6-14-006	H6-HW-001	H6-14-006	0.199	1.75	0.039	0.871	0.197	449.1	2011-08-24
H6-HW-001A_H5-HW-542	H6-HW-001A	H5-HW-542	0.207	2.31	0.003	0.774	0.015	0.3	2011-08-24
H6-HW-001A_H6-HW-001	H6-HW-001A	H6-HW-001	0.474	2.31	0.000	0.605	0.000	0.5	2011-08-24
H6-PA-001_H6-PA-002	H6-PA-001	H6-PA-002	0.125	0.87	-0.083	1.584	-0.664	-425.8	2011-08-24
H6-PA-002_H6-PA-007	H6-PA-002	H6-PA-007	0.055	0.98	-0.029	3.332	-0.521	189.0	2011-08-24
H6-PA-007_H6-14-001	H6-PA-007	H6-14-001	0.101	0.98	0.052	3.302	0.514	929.0	2011-08-24
H6-PA-582_H6-PA-588	H6-PA-582	H6-PA-588	0.062	2.95	-0.108	5.049	-1.752	-9249.5	2011-08-24
H6-PA-588_H6-PA-592	H6-PA-588	H6-PA-592	0.631	3.95	-0.215	6.416	-0.340	-9256.1	2011-08-24
H6-PA-592_H6-PA-001	H6-PA-592	H6-PA-001	0.068	0.74	-0.083	0.760	-1.225	-426.0	2011-08-24
H6-WA-004_H6-WA-009	H6-WA-004	H6-WA-009	0.229	1.79	0.125	3.702	0.547	1454.4	2011-08-24
H6-WA-009_H6-WA-010	H6-WA-009	H6-WA-010	0.206	1.58	0.151	3.729	0.730	2055.4	2011-08-24
H6-WA-010_H6-14-008	H6-WA-010	H6-14-008	0.214	1.31	0.151	3.362	0.703	2052.4	2011-08-24
H6WW_Outfall8	H6-WW	H7-15-012D	0.987	0.41	0.731	1.243	0.740	8594.6	2011-08-24

H7 REGULATOR_H7-INT-001	H7-IC	H7-INT-001	2.469	0.25	0.086	2.482	0.035	789.3	2011-08-24
H7-15_Sta0+00.1	H7-15_Sta0+00	H7-15_Sta2+42.5+	0.074	0.30	-0.008	1.484	-0.111	-0.3	2011-08-24
H7-15_Sta2+42.5+.1	H7-15_Sta2+42.5+	H7-15-150	0.075	0.30	-0.020	1.551	-0.261	-1.3	2011-08-24
H7-15-001_H7-15-002	H7-15-001	H7-15-002	4.092	0.75	0.059	1.379	0.014	725.1	2011-08-24
H7-15-001_H7-MA-008	H7-15-001	H7-MA-008	0.280	0.75	-0.040	1.896	-0.143	-620.6	2011-08-24
H7-15-002_H7-15-003	H7-15-002	H7-15-003	5.097	0.74	0.221	1.575	0.043	3019.7	2011-08-24
H7-15-002_H7-JE-003	H7-15-002	H7-JE-003	1.585	0.75	-0.074	4.199	-0.047	-742.5	2011-08-24
H7-15-003_H7-15-004	H7-15-003	H7-15-004	4.178	0.74	0.296	1.114	0.071	3602.8	2011-08-24
H7-15-003_H7-AD-003	H7-15-003	H7-AD-003	0.097	0.75	-0.074	3.342	-0.764	-578.0	2011-08-24
H7-15-004_H7-15-005	H7-15-004	H7-15-005	2.549	0.74	0.460	0.668	0.180	7052.8	2011-08-24
H7-15-004_H7-GR-010	H7-15-004	H7-GR-010	0.384	0.74	-0.044	2.524	-0.114	-1373.9	2011-08-24
H7-15-005_H7-15-006	H7-15-005	H7-15-006	2.721	0.71	0.855	0.684	0.314	11361.5	2011-08-24
H7-15-005_H7-CL-010	H7-15-005	H7-CL-010	0.785	0.82	-0.243	3.640	-0.309	-1709.2	2011-08-24
H7-15-006_H7-15-007	H7-15-006	H7-15-007	1.329	0.66	0.895	1.582	0.673	11840.0	2011-08-24
H7-15-007_H7-15-008	H7-15-007	H7-15-008	1.566	0.55	1.228	0.875	0.784	16084.5	2011-08-24
H7-15-008_H7-15-009	H7-15-008	H7-15-009	0.243	0.45	1.228	0.489	5.061	16077.6	2011-08-24
H7-15-009_H7-15-012B1	H7-15-009	H7-15-012B1	4.936	0.41	1.321	0.606	0.268	17323.8	2011-08-24
H7-15-010.1	H7-15-010	H7	0.124	0.30	-0.027	2.642	-0.215	-112.3	2011-08-24
H7-15-012B_H7-15-012D	H7-15-012B	H7-15-012D	9.189	0.24	1.288	0.533	0.140	17129.6	2011-08-24
H7-15-012B1_H7-15-012B	H7-15-012B1	H7-15-012B	8.391	0.37	1.343	0.932	0.160	17519.1	2011-08-24
H7-15-100.1	H7-15-100	H7-15-010	0.056	0.30	-0.025	2.469	-0.447	-98.2	2011-08-24
H7-15-110.1	H7-15-110	H7-15-100	0.147	0.30	-0.025	2.346	-0.169	-45.3	2011-08-24
H7-15-150.1	H7-15-150	H7-15-991	0.049	0.30	-0.024	2.101	-0.488	-21.1	2011-08-24
H7-15-991.1	H7-15-991	H7-15-110	0.049	0.30	-0.025	2.133	-0.497	-35.9	2011-08-24
H7-AD-001_H7-AD-002	H7-AD-001	H7-AD-002	0.674	0.74	0.004	3.037	0.006	191.9	2011-08-24
H7-AD-002_H7-15-003	H7-AD-002	H7-15-003	0.830	0.74	-0.006	3.837	-0.007	143.7	2011-08-24
H7-AD-003_H7-AD-004	H7-AD-003	H7-AD-004	0.344	0.76	-0.072	3.828	-0.209	-437.7	2011-08-24
H7-AD-004_H7-AD-005	H7-AD-004	H7-AD-005	0.641	0.76	-0.072	3.714	-0.112	-474.6	2011-08-24
H7-AD-005_H7-AD-006	H7-AD-005	H7-AD-006	0.098	0.90	-0.071	4.597	-0.732	-486.4	2011-08-24
H7-AD-006_H5-AD-698	H7-AD-006	H5-AD-698	0.191	0.96	-0.069	4.079	-0.361	-351.2	2011-08-24
H7-CL-001_H7-CL-004	H7-CL-001	H7-CL-004	0.054	0.77	0.051	3.368	0.946	684.5	2011-08-24
H7-CL-004_H7-CL-006	H7-CL-004	H7-CL-006	0.651	0.76	0.103	2.662	0.159	1502.5	2011-08-24
H7-CL-006_H7-15-005	H7-CL-006	H7-15-005	0.482	0.75	0.158	3.503	0.328	2292.4	2011-08-24
H7-CL-010_H5-CL-648	H7-CL-010	H5-CL-648	0.206	0.87	-0.220	3.458	-1.068	-1187.5	2011-08-24
H7-GR-001_H7-GR-003	H7-GR-001	H7-GR-003	0.074	0.88	0.010	8.221	0.140	98.0	2011-08-24
H7-GR-003_H7-GR-004	H7-GR-003	H7-GR-004	0.058	0.83	0.073	2.052	1.271	1094.7	2011-08-24
H7-GR-004_H7-GR-005	H7-GR-004	H7-GR-005	0.739	0.77	0.102	2.237	0.138	1522.6	2011-08-24
H7-GR-005_H7-GR-006	H7-GR-005	H7-GR-006	1.249	0.76	0.100	2.144	0.080	1502.9	2011-08-24
H7-GR-006_H7-15-004	H7-GR-006	H7-15-004	0.239	0.76	0.131	1.929	0.547	2013.7	2011-08-24
H7-GR-010_H7-GR-013	H7-GR-010	H7-GR-013	0.084	0.94	-0.044	6.779	-0.517	-1391.7	2011-08-24
H7-GR-013_H5-GR-674	H7-GR-013	H5-GR-674	0.559	0.97	-0.041	4.080	-0.073	-1247.4	2011-08-24
H7-INT-001_H6-INT-002	H7-INT-001	H6-IC	0.584	0.25	0.086	2.675	0.147	753.7	2011-08-24
H7-JE-001_H7-15-002	H7-JE-001	H7-15-002	1.178	0.75	0.114	2.758	0.097	1736.9	2011-08-24
H7-JE-003_H7-JE-004	H7-JE-003	H7-JE-004	0.424	0.75	-0.071	3.674	-0.168	-621.9	2011-08-24
H7-JE-006_H7-JE-004	H7-JE-006	H7-JE-004	0.413	0.77	0.071	3.356	0.172	631.7	2011-08-24
H7-JE-007_H7-JE-006	H7-JE-007	H7-JE-006	0.090	0.86	0.071	8.281	0.789	653.3	2011-08-24

H7-MA-001_H7-MA-002	H7-MA-001	H7-MA-002	0.048	0.75	0.001	2.948	0.015	31.1	2011-08-24
H7-MA-002_H7-MA-004	H7-MA-002	H7-MA-004	0.044	0.75	-0.002	3.011	-0.043	31.1	2011-08-24
H7-MA-003_H7-MA-004	H7-MA-003	H7-MA-004	0.044	0.75	0.001	3.011	0.034	111.3	2011-08-24
H7-MA-004_H7-MA-006	H7-MA-004	H7-MA-006	0.043	0.75	-0.005	3.531	-0.125	141.6	2011-08-24
H7-MA-006_H7-15-001	H7-MA-006	H7-15-001	0.641	0.75	-0.007	2.075	-0.011	140.2	2011-08-24
H7-MA-008_H5-MA-756A	H7-MA-008	H5-MA-756A	0.036	0.90	-0.035	4.839	-0.960	-217.9	2011-08-24
H7-PA-001_H7-PA-004	H7-PA-001	H7-PA-004	0.056	0.79	0.008	4.857	0.152	87.5	2011-08-24
H7-PA-004_H7-PA-005	H7-PA-004	H7-PA-005	0.072	0.67	0.064	0.940	0.879	628.4	2011-08-24
H7-PA-005_H7-PA-007	H7-PA-005	H7-PA-007	0.065	0.63	-0.028	3.159	-0.437	-274.1	2011-08-24
H7-PA-007B_H7-PA-007	H7-PA-007B	H7-PA-007	3.730	0.64	0.008	1.514	0.002	63.0	2011-08-24
H7-PA-011_H7-15-009	H7-PA-011	H7-15-009	0.087	0.73	0.050	3.410	0.576	825.3	2011-08-24
H7-SIP-006_H7-SIP-005	H7-SIP-006	WWTP	0.000	0.15	0.613	0.395		34916.3	2011-08-24
H7-WI-001_H7-WI-002	H7-WI-001	H7-WI-002	0.101	1.08	0.045	1.562	0.446	520.9	2011-08-24
H7-WI-002_H7-WI-003	H7-WI-002	H7-WI-003	0.274	1.06	0.050	2.151	0.182	563.5	2011-08-24
H7-WI-003_H7-WI-004	H7-WI-003	H7-WI-004	0.231	1.04	0.050	3.731	0.216	556.4	2011-08-24
H7-WI-004_H7-WI-005	H7-WI-004	H7-WI-005	0.133	1.03	0.050	2.340	0.374	549.7	2011-08-24
H7-WI-005_H7-WI-009	H7-WI-005	H7-WI-009	0.190	1.02	0.050	2.825	0.262	539.1	2011-08-24
H7-WI-007_H7-WI-009	H7-WI-007	H7-WI-009	0.065	1.10	0.029	4.943	0.446	410.6	2011-08-24
H7-WI-009_H7-15-007	H7-WI-010	H7-15-007	0.287	0.84	0.173	2.207	0.603	2237.4	2011-08-24
H7-WI-013_H7-15-007	H7-WI-013	H7-15-007	0.713	0.66	0.111	2.207	0.156	1423.3	2011-08-24
H7-WI-014A_H7-WI-014	H7-WI-014A	H7-WI-013	0.989	0.67	0.086	1.852	0.087	1010.2	2011-08-24
H7-WI-015_H7-15-006	H7-WI-015	H7-15-006	0.418	0.71	0.025	2.345	0.059	359.9	2011-08-24
H7-WI-017_H7-WI-014A	H7-WI-017	H7-WI-014A	0.827	0.68	0.074	1.848	0.090	881.5	2011-08-24
H7-WI-017B_H7-WI-017	H7-WI-017B	H7-WI-017	0.100	0.69	0.016	2.719	0.165	202.4	2011-08-24
H7-WI-019_H7-WI-017	H7-WI-019	H7-WI-017	0.252	0.68	0.007	1.512	0.027	74.7	2011-08-24
H7-WW.1	H7-WW	H7-15-012B	0.000	0.30	-0.086	0.564		-888.4	2011-08-24
HHA-FM_DITCH	HHA-FM	HHA-OF	0.156	7.60	0.317	23.703	2.038	4741.2	2011-08-24
HSI.1	HSI	SPS	0.309	0.92	0.040	0.247	0.128	745.9	2011-08-24
HSI-05-002A_HSI-05-002	HSI-05-002A	HSI-05-002	0.264	5.32	0.063	1.769	0.239	701.1	2011-08-24
HSI-05-010.1	HSI-05-010	HSI	0.590	3.39	0.260	0.465	0.441	2834.7	2011-08-24
HSI-RI-001_HSI-RI-003A	HSI-RI-001	HSI-RI-003A	0.268	12.68	0.051	0.977	0.189	594.3	2011-08-24
HSI-RI-003A_HSI-RI-008	HSI-RI-003A	HSI-RI-008	0.303	11.13	0.146	0.901	0.481	1557.1	2011-08-24
HSI-RI-004A_HSI-RI-003A	HSI-RI-004A	HSI-RI-003A	0.117	13.83	0.084	1.466	0.716	832.5	2011-08-24
HSI-RI-004AV_HSI-RI-004A	HSI-RI-004AV	HSI-RI-004A	0.000	14.42	0.060	3.715		595.0	2011-08-24
HSI-RI-004B_HSI-RI-004AV	HSI-RI-004B	HSI-RI-004AV	0.000	15.12	0.060	7.140		595.2	2011-08-24
HSI-RI-004C_HSI-RI-004B	HSI-RI-004C	HSI-RI-004B	0.000	15.61	0.025	9.549		233.0	2011-08-24
HSI-RI-004E_HSI-RI-004B	HSI-RI-004E	HSI-RI-004B	0.000	16.55	0.035	14.155		363.1	2011-08-24
HSI-RI-004H_HSI-RI-004A	HSI-RI-004H	HSI-RI-004A	0.182	15.28	0.024	1.253	0.132	238.0	2011-08-24
HSI-RI-008_HSI-05-002	HSI-RI-008	HSI-05-002	0.478	7.67	0.190	1.415	0.398	2051.3	2011-08-24
HWF-INT-012_HWF-INT-013	HWF-INT-012	SPS	1.537	-0.59	0.435	1.968	0.283	21020.8	2011-08-24
HWF-INT-016A_H5-INT-007A	HWF-INT-016A	H5-INT-007A	0.267	8.71	0.440	1.048	1.650	21744.8	2011-08-24
Link_10	Node_77	Outfall8	10.635	-0.84	2.029	0.297	0.191	25717.6	2011-08-24
Link_103	H4-IC	H3-INT-007	2.656	-0.57	0.201	1.992	0.076	8283.4	2011-08-24
Link_11	H6-14-010	H6	1.117	0.67	0.773	1.320	0.692	10221.1	2011-08-24
Link_110	HSI-OF	HWF-INT-016	5.961	0.12	0.238	0.267	0.040	2092.2	2011-08-24

Link_112	Node_32	Node_61	2.333	0.66	0.245	0.749	0.105	2338.7	2011-08-24
Link_113	Node_45	Node_64	149.390	-0.87	3.837	0.114	0.026	58431.1	2011-08-24
Link_115	Node_62	Node_40	777.648	-1.05	3.830	0.115	0.005	58125.5	2011-08-24
Link_116	Node_66	Node_39	483.665	-1.05	0.424	0.588	0.001	9622.8	2011-08-24
Link_12	Node_75	Node_10	3.277	-1.05	0.132	1.443	0.040	1487.9	2011-08-24
Link_120	H5_GC	H5_Inflow_Dummy	0.000	-0.38	1.623	0.783		31832.4	2011-08-24
Link_121	H5_Outflow_Dummy	H5_OF	0.000	-0.41	1.623	0.761		31685.1	2011-08-24
Link_128	H7-PA-005	Node_74	2.723	0.38	0.132	0.475	0.048	1488.0	2011-08-24
Link_131	H7-15-012D	Node_76	12.682	-0.25	2.175	0.572	0.171	25716.7	2011-08-24
Link_133	14VO-14-007	Node_78	0.417	1.32	0.232	0.532	0.556	2496.6	2011-08-24
Link_135	Node_80	5	0.000	-0.31	2.986	0.415		32072.7	2011-08-24
Link_137	Outfall3Gate2	Outfall3	2.174	-0.81	0.897	0.448	0.413	12006.4	2011-08-24
Link_138	OF-H1-V2	HWF-OB-001	0.603	-0.48	1.988	0.905	3.299	17704.7	2011-08-24
Link_139	H4-PA-004	H4-PA-005	1.720	0.83	-0.320	1.239	-0.186	-1891.5	2011-08-24
Link_140	H1-HA-130	PR_DH_MH1	0.559	1.02	0.074	1.637	0.132	546.1	2011-08-24
Link_143	RG-3	H2-WA-005A	1.342	5.00	0.000	0.031	0.000	5.2	2011-08-24
Link_166	HHA-OF	Node_92	10.895	2.70	0.311	0.221	0.029	4704.9	2011-08-24
Link_167	Node_92	Node_34	18.012	2.49	0.794	0.410	0.044	11505.0	2011-08-24
Link_168	H1-OB-122A	MH-T7-OBS	1.169	0.98	0.504	2.791	0.431	3421.5	2011-08-24
Link_170	H1-OB-101	MH-T5-OBS	0.357	1.00	0.286	3.223	0.800	4516.9	2011-08-24
Link_171	T5-OBS_A	MH-T5-OBS	0.106	0.91	0.096	7.720	0.906	50.8	2011-08-24
Link_173	H1-OB-080A	H1-OB-077	3.082	0.84	1.999	2.087	0.649	39690.2	2011-08-24
Link_175	MH-T6-NEW	H1-NE-029A	1.182	0.98	0.341	2.775	0.288	3887.7	2011-08-24
Link_177	H1-JA-034	MH-T2-2STB	1.267	0.99	0.296	4.676	0.234	3177.0	2011-08-24
Link_183	Node_118	T2-4ST	0.000	1.10	0.000	0.005		0.0	2011-08-24
Link_203	H4-JA-002	MH-T5-5STB	6.157	0.95	0.069	2.385	0.011	710.0	2011-08-24
Link_241	H5-MA-762	H5-MA-764	0.098	0.94	-0.053	4.125	-0.541	130.6	2011-08-24
Link_246	H1-MA-048	H1-MA-044	0.530	1.08	0.126	3.080	0.238	1682.6	2011-08-24
Link_257	H1-JE-023	H1-01-080	0.121	1.01	0.638	1.646	5.277	9527.0	2011-08-24
Link_260	H5-AD-717	H5-AD-714	0.051	1.01	0.026	4.564	0.505	347.7	2011-08-24
Link_263	H4-AD-002	H4-AD-010	0.704	0.89	0.043	1.637	0.061	464.3	2011-08-24
Link_266	H1-AD-048	H1-AD-043	0.585	1.12	0.150	2.460	0.256	1743.5	2011-08-24
Link_272	H4-GR-009	H4-GR-008	1.125	0.87	0.044	1.135	0.039	481.7	2011-08-24
Link_277	H1-GR-046	H1-GR-038	0.504	1.11	0.162	2.472	0.321	1029.8	2011-08-24
Link_294	H3-05-090	H3-WI-015	0.881	1.10	0.288	3.333	0.327	4989.4	2011-08-24
Link_296	H7-WI-009	H7-WI-010	0.287	0.95	0.166	1.665	0.577	2163.7	2011-08-24
Link_300	H4-CL-018	H4-CL-020	0.091	0.94	0.053	3.232	0.583	583.9	2011-08-24
Link_307	H1-GA-017	H1-GA-012	1.135	0.68	0.682	1.451	0.600	7740.9	2011-08-24
Link_312	Node_91	HHA-OF	10.895	2.72	0.030	0.115	0.003	-6.0	2011-08-24
Link_314	T7-OBS	T7OBS-Weir-Dummy	0.000	0.96	0.068	1.314		38.0	2011-08-24
Link_34	Node_30	Node_31	19.937	1.07	-0.041	0.178	-0.002	-99.4	2011-08-24
Link_35	Node_61	Node_33	2.333	0.60	0.244	0.216	0.105	2284.9	2011-08-24
Link_36	Node_67	Node_32	0.469	0.69	0.102	2.737	0.217	1046.2	2011-08-24
Link_38	Node_31	Node_35	0.253	1.13	-0.075	0.965	-0.297	-860.2	2011-08-24
Link_382	NJT-OVERFLOW	Node_37	0.830	1.02	0.422	0.410	0.509	10093.0	2011-08-24
Link_39	Node_35	Node_36	0.820	2.03	-0.285	0.381	-0.348	-1320.7	2011-08-24

Link_4	H2-OF	Outfall3Gate1	1.429	-0.34	0.899	0.944	0.629	12018.6	2011-08-2
Link_40	Node_36	NJT-OVERFLOW	0.843	1.36	0.426	0.499	0.505	10101.7	2011-08-2
Link_41	Node_37	Node_38	9.091	0.72	0.424	1.627	0.047	9854.8	2011-08-2
Link_43	Node_32	Node_31	5.051	1.06	-0.111	0.223	-0.022	-1091.2	2011-08-2
Link_44	Node_38	Node_65	850.000	0.11	0.424	0.469	0.000	9748.5	2011-08-2
Link_45	Node_34	Node_36	3.917	1.53	0.701	0.642	0.179	11479.8	2011-08-2
Link_48	Node_33	Node_43	39.108	0.34	0.269	0.127	0.007	2586.2	2011-08-2
Link_49	Node_43	Node_44	56.902	0.01	0.269	0.098	0.005	2583.5	2011-08-2
Link_50	Node_44	Node_45	107.686	-0.48	0.313	0.110	0.003	3102.6	2011-08-2
Link_6	H3-RI-006	H3-INT-003A	15.996	0.08	1.338	1.382	0.084	26825.6	2011-08-2
Link_8	HSI-05-002	HSI-05-010	0.339	3.78	0.260	0.751	0.768	2834.9	2011-08-2
Link_9	H5-11-009	H5	1.145	0.40	0.785	2.301	0.686	21394.9	2011-08-2
New2	H2-IC	H2-INT-007	3.413	0.06	0.073	1.782	0.021	422.2	2011-08-2
New3	HWF-INT-016	OF-H4-TG2	5.961	-0.06	0.233	0.507	0.039	2092.2	2011-08-2
OF-H4-TG2.1	OF-H4-TG2	outfall5-tg	3.415	-0.18	2.988	0.692	0.875	32076.9	2011-08-2
RG-1_H2-03-020	RG-1	H2-03-020	0.600	2.10	-0.020	1.112	-0.033	-26.1	2011-08-2
RG-10_H5-WA-440	RG-10	H5-WA-440	0.915	1.98	-0.011	2.237	-0.012	88.8	2011-08-2
RG-11_H5-WA-400	RG-11	H5-WA-400	0.944	1.97	0.014	2.334	0.015	99.0	2011-08-2
RG-12_H5-WA-400	RG-12	H5-WA-400	0.944	1.96	0.012	2.334	0.013	91.4	2011-08-2
RG-13_H5-WA-350	RG-13	H5-WA-350	0.949	1.78	0.151	2.945	0.159	103.6	2011-08-2
RG-14_H5-WA-356	RG-14	H5-WA-356	0.954	1.79	-0.140	2.868	-0.147	52.6	2011-08-2
RG-15_H6-WA-004	RG-15	H6-WA-004	0.900	1.81	0.012	2.240	0.013	108.5	2011-08-2
RG-2_H2-WA-005A	RG2	H2-WA-005A	1.342	5.01	0.001	0.031	0.001	30.9	2011-08-2
RG-4_H2-WA-007	RG-4	H2-WA-007	1.643	6.51	0.000	0.014	0.000	5.1	2011-08-2
RG-5_H2-WA-009	RG-5	H2-WA-009	1.375	6.51	0.001	0.389	0.001	43.9	2011-08-2
RG-6_H2-WA-011	RG-6	H2-WA-011	1.342	7.00	0.000	0.010	0.000	6.1	2011-08-2
RG-7_H5-WA-490	RG-7	H5-WA-490	0.915	3.17	0.014	0.129	0.015	146.5	2011-08-2
RG-8_H5-WA-480	RG-8	H5-WA-480	0.915	3.05	0.008	0.369	0.009	100.4	2011-08-2
RG-9_H5-WA-440	RG-9	H5-WA-440	0.977	2.07	0.008	2.237	0.008	95.3	2011-08-2
T10-MAD_A_H5-MA-764	T10-MAD_A	H5-MA-764	0.100	0.79	0.082	7.214	0.827	26.0	2011-08-2
T10-MAD-DUMMY	T10-MAD-DUMMY	T10-MAD	0.000	0.79	0.000	0.587		0.0	2011-08-2
T11-MAD_A_H5-MA-768	T11-MAD_A	H5-MA-768	0.079	0.87	0.089	8.699	1.133	9.8	2011-08-2
T11-MAD-DUMMY	T11-MAD-DUMMY	T11-MAD	0.000	0.90	0.000	0.005		0.0	2011-08-2
T15-MAD_A_H1-MA-044	T15-MAD_A	H1-MA-044	0.086	1.07	-0.047	7.426	-0.544	21.9	2011-08-2
T15-MAD-DUMMY	T15-MAD-DUMMY	T15-MAD	0.000	1.70	0.000	0.005		0.0	2011-08-2
T16-MAD_A_H1-MA-041	T16-MAD_A	H1-MA-041	0.079	1.06	0.051	7.333	0.648	18.9	2011-08-2
T16-MAD-DUMMY	T16-MAD-DUMMY	T16-MAD	0.000	1.44	0.000	0.005		0.0	2011-08-2
T1-7ST_A_H4-07-190	T1-7ST_A	H4-07-190	0.079	0.90	0.081	6.566	1.034	8.8	2011-08-2
T1-7ST-DUMMY	T1-7ST-DUMMY	T1-7ST	0.000	1.40	0.000	0.005		0.0	2011-08-2
T1-7ST-WEIR-DUMMY	T1-7ST	T1-7ST-WEIR-DUMMY	0.000	0.90	0.081	1.169		21.3	2011-08-2
T1-GAR_A_H4-04-008	T1-GAR_A	H4-04-008	0.093	0.61	0.002	3.907	0.020	24.7	2011-08-2
T1-GAR-DUMMY	T1-GAR-DUMMY	T1-GAR	0.000	2.40	0.000	0.005		0.0	2011-08-2
T1-HAR_A_H4-HA-003	T1-HAR_A	H4-HA-003	0.079	0.91	0.041	4.838	0.520	61.4	2011-08-2
T1-HAR-DUMMY	T1-HAR-DUMMY	T1-HAR	0.000	1.40	0.000	0.005		0.0	2011-08-2
T1-NEW_A_H1-NE-003	T1-NEW_A	H1-NE-003	0.035	0.78	0.129	6.481	3.651	18.9	2011-08-2
T1-NEW-DUMMY	T1-NEW-DUMMY	T1-NEW	0.000	0.80	0.000	0.005		0.0	2011-08-2

T1-NEW-WEIR-DUMMY	T1-NEW	T1-NEW-WEIR-DUMMY	0.000	0.74	0.128	1.275		32.3	2011-08-31
T2-2ST_A_MH-T2-2STB	T2-2ST_A	MH-T2-2STB	0.149	0.96	0.072	10.491	0.484	-4.1	2011-08-31
T2-2ST-DUMMY	T2-2ST-DUMMY	T2-2ST	0.000	1.10	0.000	0.005		0.0	2011-08-31
T2-2ST-WEIR-DUMMY	T2-2ST	T2-2ST-WEIR-DUMMY	0.000	0.96	0.072	1.237		21.5	2011-08-31
T2-4ST_A_H1-CL-036	T2-4ST_A	H1-CL-036	0.152	1.05	0.097	6.231	0.639	56.3	2011-08-31
T2-5ST_A_H1-AD-042	T2-5ST_A	H1-AD-042	0.153	1.09	0.072	6.247	0.466	34.1	2011-08-31
T2-5ST-DUMMY	T2-5ST-DUMMY	T2-5ST	0.000	1.50	0.000	0.005		0.0	2011-08-31
T2-6ST_A_H1-JE-050	T2-6ST_A	H1-JE-050	0.186	1.07	0.087	6.770	0.467	31.8	2011-08-31
T2-6ST-DUMMY	T2-6ST-DUMMY	T2-6ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T2-7ST_A_H4-07-200	T2-7ST_A	H4-07-200	0.086	0.90	-0.038	6.515	-0.444	-8.7	2011-08-31
T2-7ST-DUMMY	T2-7ST-DUMMY	T2-7ST	0.000	1.80	0.000	0.005		0.0	2011-08-31
T2-BLM_A_H4-04-007	T2-BLM_A	H1-BL-037	0.079	1.16	0.016	1.072	0.203	52.6	2011-08-31
T2-BLM-DUMMY	T2-BLM-DUMMY	T2-BLM	0.000	3.50	0.000	0.005		0.0	2011-08-31
T2-JAC_A_H4-JA-006	T2-JAC_A	H4-JA-006	0.079	0.91	0.039	4.933	0.498	33.2	2011-08-31
T2-JAC-DUMMY	T2-JAC-DUMMY	T2-JAC	0.000	1.40	0.000	0.005		0.0	2011-08-31
T2-MON_A_H5-MO-794	T2-MON_A	H5-MO-794	0.086	0.96	0.093	6.192	1.079	49.2	2011-08-31
T2-MON-DUMMY	T2-MON-DUMMY	T2-MON	0.000	1.11	0.000	0.005		0.0	2011-08-31
T3-3ST_A_H1-03-170	T3-3ST_A	H1-03-170	0.079	0.96	0.108	8.968	1.375	10.6	2011-08-31
T3-3ST-DUMMY	T3-3ST-DUMMY	T3-3ST	0.000	1.00	0.000	0.005		0.0	2011-08-31
T3-3ST-WEIR-DUMMY	T3-3ST	T3-3ST-WEIR-DUMMY	0.000	0.95	0.108	1.349		27.8	2011-08-31
T3-4ST_A_H1-AD-039	T3-4ST_A	H1-AD-039	0.122	1.08	0.076	6.360	0.621	32.9	2011-08-31
T3-4ST-DUMMY	T3-4ST-DUMMY	T3-4ST	0.000	1.32	0.000	0.005		0.0	2011-08-31
T3-6ST_A_H1-MA-048	T3-6ST_A	H1-MA-048	0.172	1.07	0.060	7.569	0.349	-2.0	2011-08-31
T3-6ST-DUMMY	T3-6ST-DUMMY	T3-6ST	0.000	1.40	0.000	0.005		0.0	2011-08-31
T3-ADM_A_H5-AD-714	T3-ADM_A	H5-AD-714	0.086	0.98	0.015	5.501	0.175	20.8	2011-08-31
T3-ADM-DUMMY	T3-ADM-DUMMY	T3-ADM	0.000	1.55	0.000	0.005		0.0	2011-08-31
T3-GND-DUMMY	T3-GND-DUMMY	T3-GND	0.000	1.83	0.000	0.005		0.0	2011-08-31
T3-JAC_A_H4-JA-004	T3-JAC_A	H4-JA-004	0.093	0.87	0.100	7.536	1.072	14.2	2011-08-31
T3-JAC-DUMMY	T3-JAC-DUMMY	T3-JAC	0.000	1.13	0.000	0.005		0.0	2011-08-31
T3-OBS_A_H1-OB-080A	T3-OBS_A	H1-OB-080A	0.109	0.84	0.105	6.096	0.963	179.3	2011-08-31
T3-OBS-DUMMY	T3-OBS-DUMMY	T3-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
T3-OBS-WEIR-DUMMY	T3-OBS	T3-BS-WEIR-DUMMY	0.000	0.84	0.104	1.273		187.8	2011-08-31
T4-4ST_A_H1-MA-038	T4-4ST_A	H1-MA-038	0.130	0.92	0.107	11.392	0.820	-17.2	2011-08-31
T4-4ST-DUMMY	T4-4ST-DUMMY	T4-4ST	0.000	0.93	0.000	0.005		0.0	2011-08-31
T4-5ST_A_H1-MA-041	T4-5ST_A	H1-MA-041	0.145	1.04	0.093	7.600	0.638	19.7	2011-08-31
T4-5ST-DUMMY	T4-5ST-DUMMY	T4-5ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T4-6ST_A_H1-MO-057	T4-6ST_A	H1-MO-057	0.141	1.00	0.096	11.493	0.683	-46.5	2011-08-31
T4-6ST-DUMMY	T4-6ST-DUMMY	T4-6ST	0.000	1.13	0.000	0.005		0.0	2011-08-31
T4-GND_A_H4-GR-008	T4-GND_A	H4-GR-008	0.086	0.87	0.004	3.562	0.051	32.1	2011-08-31
T4-GND-DUMMY	T4-GND-DUMMY	T4-GND	0.000	1.72	0.000	0.005		0.0	2011-08-31
T5-5ST_A_H1-JA-046	T5-5ST_A	MH-T5-5STB	0.141	0.94	0.083	9.739	0.592	45.8	2011-08-31
T5-5ST-DUMMY	T5-5ST-DUMMY	T5-5ST	0.000	1.05	0.000	0.005		0.0	2011-08-31
T5-9ST_A_H4-GR-012	T5-9ST_A	H4-GR-012	0.149	0.88	0.001	5.810	0.004	6.8	2011-08-31
T5-9ST-DUMMY	T5-9ST-DUMMY	T5-9ST	0.000	1.83	0.000	0.005		0.0	2011-08-31
T5-GND_A_H1-GR-054	T5-GND_A	H1-GR-054	0.079	1.10	0.104	7.738	1.321	25.3	2011-08-31

T5-GND-DUMMY	T5-GND-DUMMY	T5-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T5-JAC_A_H1-JA-043	T5-JAC_A	H1-JA-043	0.100	0.83	0.149	10.345	1.493	39.3	2011-08-24
T5-JAC-DUMMY	T5-JAC-DUMMY	T5-JAC	0.000	0.83	0.000	0.543		0.0	2011-08-24
T5-JEF_A_H5-11-730	T5-JEF_A	H5-11-730	0.078	0.97	-0.015	6.357	-0.196	13.1	2011-08-24
T5-JEF-DUMMY	T5-JEF-DUMMY	T5-JEF	0.000	1.70	0.000	0.005		0.0	2011-08-24
T5-OBS-DUMMY	T5-OBS-DUMMY	T5-OBS	0.006	1.01	0.000	0.005	0.000	0.0	2011-08-24
T5-OBS-WEIR-DUMMY	T5-OBS	T5-OBS-WEIR-DUMMY	0.000	0.91	0.095	1.347		63.0	2011-08-24
T6-4ST_A_H1-HA-141	T6-4ST_A	H1-HA-141	0.035	0.94	0.061	4.722	1.737	56.6	2011-08-24
T6-4ST_DUMMY	T6-4ST-DUMMY	T6-4ST	0.000	1.10	0.000	0.005		0.0	2011-08-24
T6-5ST_A_H1-MO-047	T6-5ST_A	H1-MO-047	0.153	1.01	-0.084	11.727	-0.546	-31.0	2011-08-24
T6-5ST-DUMMY	T6-5ST-DUMMY	T6-5ST	0.000	1.14	0.000	0.005		0.0	2011-08-24
T6-ADM_A_H4-AD-010	T6-ADM_A	H4-AD-010	0.085	0.89	0.022	3.835	0.260	89.2	2011-08-24
T6-ADM-DUMMY	T6-ADM-DUMMY	T6-ADM	0.000	1.63	0.000	0.005		0.0	2011-08-24
T6-GND_A_H1-GR-045	T6-GND_A	H1-GR-046	0.101	1.10	0.061	6.121	0.601	42.2	2011-08-24
T6-GND-DUMMY	T6-GND-DUMMY	T6-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T6-JEF_A_H5-JE-742	T6-JEF_A	H5-JE-742	0.070	0.97	0.033	5.950	0.470	65.2	2011-08-24
T6-JEF-DUMMY	T6-JEF-DUMMY	T6-JEF	0.000	1.60	0.000	0.005		0.0	2011-08-24
T6-MON_A_H4-MO-001	T6-MON_A	H4-MO-001	0.093	0.90	0.063	7.435	0.678	45.1	2011-08-24
T6-MON-DUMMY	T6-MON-DUMMY	T6-MON	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW_A_MH-T6-NEW	T6-NEW_A	MH-T6-NEW	0.090	0.98	0.048	5.465	0.525	73.5	2011-08-24
T6-NEW-DUMMY	T6-NEW-DUMMY	T6-NEW	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW-WEIR-DUMMY	T6-NEW	T6-NEW-WEIR-DUMMY	0.000	0.98	0.047	1.165		81.6	2011-08-24
T7-5ST_A_MH-T5-TSTB	T7-5ST_A	MH-T5-5STB	0.145	0.94	-0.055	9.752	-0.382	-46.2	2011-08-24
T7-5ST-DUMMY	T7-5ST-DUMMY	T7-5ST	0.000	1.05	0.000	0.005		0.0	2011-08-24
T7-JEF_A_H1-JE-031	T7-JEF_A	H1-JE-031	0.070	0.97	0.114	8.153	1.624	33.6	2011-08-24
T7-JEF-DUMMY	T7-JEF-DUMMY	T7-JEF	0.000	1.05	0.000	0.005		0.0	2011-08-24
T7-JEF-WEIR-DUMMY	T7-JEF	T7-JEF-WEIR-DUMMY	0.000	0.95	0.114	1.329		48.2	2011-08-24
T7-MON_A_H1-MO-062	T7-MON_A	H1-MO-062	0.086	1.03	0.086	8.944	0.994	20.8	2011-08-24
T7-MON-DUMMY	T7-MON-DUMMY	T7-MON	0.000	1.22	0.000	0.005		0.0	2011-08-24
T7-OBS_MH-T7-OBS	T7-OBS_A	MH-T7-OBS	0.110	0.96	0.068	6.242	0.617	29.9	2011-08-24
T7-OBS-DUMMY	T7-OBS-DUMMY	T7-OBS	0.000	1.20	0.000	0.005		0.0	2011-08-24
T8-ADM-DUMMY	T8-ADM-DUMMY	T8-ADM	0.000	1.50	0.000	0.005		0.0	2011-08-24
T8-ADM_A_H1-AD-043	T8-ADM_A	H1-AD-043	0.091	1.10	0.071	6.331	0.780	112.3	2011-08-24
T8-JEF_A_H1-JE-023	T8-JEF_A	H1-JE-023	0.086	0.97	0.098	6.228	1.138	52.9	2011-08-24
T8-JEF-DUMMY	T8-JEF-DUMMY	T8-JEF	0.000	1.20	0.000	0.005		0.0	2011-08-24
T8-JEF-WEIR-DUMMY	T8-JEF	T8-JEF-WEIR-DUMMY	0.000	0.97	0.098	1.342		61.0	2011-08-24
T8-MAD_A_H5-11-750	T8-MAD_A	H5-11-750	0.100	0.95	0.083	6.109	0.832	21.4	2011-08-24
T8-MAD-DUMMY	T8-MAD-DUMMY	T8-MAD	0.000	1.30	0.000	0.005		0.0	2011-08-24
T9-ADM_A_H1-AD-035	T9-ADM_A	H1-03-140	0.070	0.98	0.120	9.156	1.702	92.2	2011-08-24
T9-ADM-DUMMY	T9-ADM-DUMMY	T9-ADM	0.000	1.05	0.000	0.005		0.0	2011-08-24
T9-MAD_A_H5-11-750	T9-MAD_A	H5-11-750	0.088	0.95	0.078	6.116	0.892	24.1	2011-08-24
T9-MAD-DUMMY	T9-MAD-DUMMY	T9-MAD	0.000	1.30	0.000	0.005		0.0	2011-08-24
TD12-13ST_A_H5-CL-648	TD12-13ST_A	H5-CL-648	0.149	0.89	-0.001	6.158	-0.007	-0.8	2011-08-24
TD12-13ST-DUMMY	TD12-13ST-DUMMY	TD12-13ST	0.000	2.03	0.000	0.005		0.0	2011-08-24
TD14-CLA_A_H1-CL-036	TD14-CLA_A	H1-CL-036	0.035	1.05	0.102	6.217	2.908	24.9	2011-08-24
TD14-CLA-DUMMY	TD14-CLA-DUMMY	TD14-CLA	0.000	1.33	0.000	0.005		0.0	2011-08-24

TD1-4ST_A_H1-CL-036	TD1-4ST_A	H1-CL-036	0.145	1.05	0.098	6.228	0.674	11.2	2011-08-31
TD1-4ST-DUMMY	TD1-4ST-DUMMY	TD1-4ST	0.000	1.23	0.000	0.005		0.0	2011-08-31
TD1-WIL_A_H3-WI-022	TD1-WIL_A	H3-WI-022	0.079	1.07	0.084	5.605	1.070	28.0	2011-08-31
TD1-WIL-DUMMY	TD1-WIL-DUMMY	TD1-WIL	0.000	1.54	0.000	0.005		0.0	2011-08-31
TD23-CLA_A_H3-CL-007	TD23-CLA_A	H3-CL-007	0.050	1.12	0.073	5.380	1.472	39.0	2011-08-31
TD23-CLA-DUMMY	TD23-CLA-DUMMY	TD23-CLA	0.000	1.60	0.000	0.005		0.0	2011-08-31
TD25-WIL_A_H7-WI-009	TD6-WIL_A	H3-WI-015	0.079	1.09	0.070	5.435	0.889	28.4	2011-08-31
TD25-WIL_A_H7-WI-010	TD25-WIL_A	H7-WI-010	0.086	0.87	0.010	4.017	0.116	76.1	2011-08-31
TD25-WIL-DUMMY	TD25-WIL-DUMMY	TD25-WIL	0.000	1.60	0.000	0.005		0.0	2011-08-31
TD30-CLA_A_H4-CL-020	TD30-CLA_A	H4-CL-020	0.103	0.93	0.004	3.389	0.040	29.0	2011-08-31
TD30-CLA-DUMMY	TD30-CLA-DUMMY	TD30-CLA	0.000	1.85	0.000	0.005		0.0	2011-08-31
TD31-CLA_A_H5-CL-662	TD31-CLA_A	H5-CL-662	0.086	1.00	-0.016	1.815	-0.187	23.7	2011-08-31
TD31-CLA-DUMMY	TD31-CLA-DUMMY	TD31-CLA	0.000	2.89	0.000	0.005		0.0	2011-08-31
TD4-OBS_A_H1-OB-071	TD4-OBS_A	H1-OB-071	0.110	0.74	0.073	8.220	0.667	-1.5	2011-08-31
TD4-OBS-DUMMY	TD4-OBS-DUMMY	TD4-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
TD4-OBS-WEIR-DUMMY	TD4-OBS	TD4-OBS-WEIR-DUMMY	0.000	0.73	0.072	1.103		18.3	2011-08-31
TD6-WIL-DUMMY	TD6-WIL-DUMMY	TD6-WIL	0.000	1.53	0.000	0.005		0.0	2011-08-31
TD8-GAR_A_H1-GA-012	TD8-GAR_A	H1-GA-012	0.086	0.62	0.051	5.941	0.595	52.7	2011-08-31
TD8-GAR-DUMMY	TD8-GAR-DUMMY	TD8-GAR	0.000	1.20	0.000	0.005		0.0	2011-08-31
TD8-GAR-WEIR-DUMMY	TD8-GAR	TD8-GAR-WEIR-DUMMY	0.000	0.62	0.051	1.149		63.2	2011-08-31

MIKE URBAN Hydraulic Results

Proposed DSD Alternatives: 25-Year Rainfall Event at Low Tide

MOUSE HD Computation Engine x64 v2014 Release Version (14.0.0.9034)

MOUSE Pipe Flow Simulation --- Status Report ---Dynamic Wave

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File Overview

Working dir :	C:\Projects\50074974\MIKEURBAN\ProposedAlternatives\	-
Sewer network data (UND) :	2D_Prop_LT_25yrProposedAlt.MEX	7/7/2016 12:49:52 PM
Hydrological data (HGF) :	2D_Prop_LT_25yrProposedAlt.MEX	7/7/2016 12:49:52 PM
Additional parameters file (ADP) :	-	-
Dry weather flow data (DWF) :	2D_Prop_LT_25yrProposedAlt.MEX	7/7/2016 12:49:52 PM
Repetitive profile data (RPF) :	-	-
Runoff Hydrographs (CRF) :	RO_Prop_25yrProposedAlt.CRF	7/6/2016 6:59:32 PM
Hotstart file (PRF) :	-	-
Result File (PRF) :	2D_Prop_LT_25yrProposedAlt.PRF	7/7/2016 12:50:04 PM
Reduced result file (PRF) :	-	-

Time Overview

Simulation start date :	2011-08-27 09:00:00	Calculation started :	2016-07-07 12:50:03
Simulation end date :	2011-08-28 09:00:00	Calculation ended :	2016-07-08 00:14:13
Save time step [hh:mm:ss] :	0:10:00	Calculation time [hh:mm:ss] :	11:24:10
Maximum time step [sec] :	0.75	Hotstart start date :	-
Minimum time step [sec] :	0.75		

Input Summary

Number of Manholes:	845
Number of Basins:	96
Number of Outlets:	10
Number of Storage Nodes:	0
Number of Circular Pipes:	568
Number of Rectangular pipes:	325
Number of CRS defined pipes:	3
Number of Pumps:	8
Number of Controlled Pumps:	0
Number of Weirs/Orifices:	97
Number of Controlled Weirs/Gates:	0
Number of Valves:	0
Number of Controlled Valves:	0

Nodes

Min Invert Level	WWTP	-100.00 m
Max Invert Level	14VO-02-001D	45.05 m
Min Ground Level	H1-WW	0.00 m
Max Ground Level	14VO-02-001D	45.78 m
Min X Coordinate	Node_45	5.8064E05 m
Max X Coordinate	Node_79	5.8258E05 m
Min Y Coordinate	Node_62	4.5097E06 m
Max Y Coordinate	H7-GR-001	4.5124E06 m
Total Manhole Volume		4950.3 m3
Total Basin Volume		842947.9 m3

Links

Total Circular Volume	71116.2 m3
Total CRS Volume	88166.1 m3
Total Length	77685.00 m

Simulation Result Summary

Continuity Balance

1 : Start volume in Pipes, Manholes and Structures	881419.7 m3
2 : End volume in Pipes, Manholes and Structures	968087.1 m3
3 : Total inflow volume	
Specified inflows	
Runoff :	426301.0 m3
DWF :	2053.4 m3
Non-specified inflows	
Outlets (inflow) :	5.2 m3
Inflow from 2D overland :	14426.8 m3
	442786.4 m3 --> 442786.4 m3
4 : Total diverted volume	
Operational, non-specified outflows	
Outlets :	283767.9 m3
Pumps :	82813.2 m3
Flow to 2D overland :	13662.5 m3
	380243.6 m3 --> 380243.6 m3
5 : Water generated in empty parts of the system :	2321.1 m3
6 : Continuity Balance = (2-1) - (3-4+5) :	21803.5 m3
Continuity Balance max value :	21803.5 m3
Continuity Balance min value :	0.0 m3

2D overland

Inflows from 2D overland

Manholes/basins:	14426.8 m3
Outlets:	0.0 m3
Total:	14426.8 m3

Outflows to 2D overland

Manholes/basins: 13662.5 m3
Pumps: 0.0 m3
Weirs: 0.0 m3
Outlets: 0.0 m3
Diverted Runoff: 6598.7 m3
Total: 20261.3 m3

Boundary Connections

Outlet levels

Boundary Condition ID	Location	Temporal variation	Value/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
							m	m
BC_38	HWF-14-001A	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_39	5	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_40	Node_40	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_41	Node_39	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_42	Node_10	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_43	Outfall8	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_44	Outfall6	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_45	Outfall3	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_46	HWF-OB-001	Constant	-1.05	Unlimited	-	-	-1.05	-1.05

Network loads (discharges)

Boundary Condition ID	Type	Load Type	Connection Type	Location	Temporal variation	Value/pattern/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
										m3/s	m3/s
Block12_Basin 2	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin1	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin3	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
CityHall	Discharge	Storm Runoff	Individual	H1-BL-016	Time Series	CityHall_Outflow.dfs0	Unlimited	-	-	0.000	0.000
HWF-10	Discharge	DWF	Individual	H2-01-002	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-11	Discharge	DWF	Individual	H3-RI-001	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-12	Discharge	DWF	Individual	H2-HP-001A	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-13	Discharge	DWF	Individual	H2-HP-001A	Constant	0.003	Unlimited	-	-	0.003	0.003
HWF-5	Discharge	DWF	Individual	H5-HU-015	Constant	0.009	Unlimited	-	-	0.009	0.009
HWF-6	Discharge	DWF	Individual	H5-HU-020	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-7	Discharge	DWF	Individual	H3-RI-006	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-8	Discharge	DWF	Individual	H3-RI-003	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-9	Discharge	DWF	Individual	H2-RI-004	Constant	0.001	Unlimited	-	-	0.001	0.001
Total :											

Network loads (discharges), summary by Load type

Load Type	Accumulated Value
	m3
Storm Runoff	384.1
DWF	2053.4
Total :	2437.5

Network loads (discharges), summary by Temporal variation

Temporal variation	Accumulated Value
	m3
Constant	2053.4
Time Series	384.1
Total :	2437.5

Weir/Orifice-Gate/Valve Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum
	[m3/s]	[m3/s]	[m3]		
H1.4	0.000	4.876	108883.0	2011-08-27 09:00:00	2011-08-27 22:00:00
H2.4	0.000	1.085	15541.4	2011-08-27 09:00:00	2011-08-27 22:00:00
H3.4	0.000	1.219	24894.5	2011-08-27 09:00:00	2011-08-27 22:00:00
H4.4	0.000	2.331	29402.1	2011-08-27 09:00:00	2011-08-27 22:00:00
H5.4	0.000	1.866	44549.9	2011-08-27 09:00:00	2011-08-27 22:00:00
H5_WW_Weir	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
H6.4	0.000	0.871	12481.6	2011-08-27 09:00:00	2011-08-27 22:00:00
H7.4	-0.074	0.018	-800.0	2011-08-27 21:10:00	2011-08-28 03:40:00
HS1.3	0.000	0.289	2894.2	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_100	-0.069	0.061	-44.8	2011-08-27 20:30:00	2011-08-28 01:10:00
Weir_101	-0.067	0.090	75.4	2011-08-27 20:40:00	2011-08-28 01:30:00
Weir_103	-0.091	0.114	32.8	2011-08-27 21:30:00	2011-08-27 23:20:00
Weir_107	-0.031	0.058	61.7	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_110	-0.086	0.085	42.0	2011-08-27 20:40:00	2011-08-27 23:50:00
Weir_111	-0.068	0.097	24.1	2011-08-27 21:30:00	2011-08-27 22:50:00
Weir_113	-0.037	0.071	50.5	2011-08-27 21:30:00	2011-08-27 22:30:00
Weir_116	-0.007	0.040	49.4	2011-08-27 22:00:00	2011-08-27 22:10:00
Weir_118	-0.002	0.021	45.1	2011-08-27 22:00:00	2011-08-27 22:10:00
Weir_119	-0.026	0.008	22.3	2011-08-27 21:20:00	2011-08-27 21:40:00
Weir_120	-0.088	0.107	27.9	2011-08-27 21:20:00	2011-08-27 23:20:00
Weir_121	-0.086	0.093	43.2	2011-08-27 21:20:00	2011-08-27 23:30:00
Weir_123	-0.078	0.103	74.5	2011-08-27 21:20:00	2011-08-27 22:40:00
Weir_125	-0.062	0.098	37.0	2011-08-27 21:20:00	2011-08-27 22:30:00
Weir_129	-0.011	0.001	3.8	2011-08-27 22:00:00	2011-08-28 01:00:00
Weir_69	-0.068	0.074	45.7	2011-08-27 20:50:00	2011-08-27 23:40:00
Weir_70	-0.027	0.047	102.3	2011-08-27 20:50:00	2011-08-27 22:40:00
Weir_73	-0.096	0.097	75.6	2011-08-27 20:40:00	2011-08-27 23:50:00
Weir_75	-0.056	0.093	13.2	2011-08-27 20:30:00	2011-08-27 22:40:00
Weir_76	-0.022	0.089	76.1	2011-08-27 20:50:00	2011-08-27 22:20:00
Weir_77	-0.132	0.136	34.9	2011-08-27 20:40:00	2011-08-27 23:40:00
Weir_81	-0.108	0.112	26.5	2011-08-27 20:40:00	2011-08-27 23:50:00
Weir_82	-0.099	0.127	134.8	2011-08-27 20:40:00	2011-08-27 23:50:00
Weir_83	-0.063	0.077	56.7	2011-08-27 20:40:00	2011-08-28 01:20:00
Weir_84	-0.118	0.169	68.4	2011-08-27 20:40:00	2011-08-28 01:40:00
Weir_85	-0.099	0.098	-1.3	2011-08-27 20:40:00	2011-08-28 00:50:00
Weir_87	-0.063	0.094	77.4	2011-08-27 20:40:00	2011-08-27 23:20:00

Weir_88	-0.057	0.100	39.9	2011-08-27 21:00:00	2011-08-27 23:20:00
Weir_89	-0.067	0.088	18.9	2011-08-27 20:40:00	2011-08-27 23:20:00
Weir_91	0.000	0.009	51.2	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_94	-0.047	0.063	50.2	2011-08-27 20:50:00	2011-08-27 23:20:00
Weir_99	-0.113	0.084	-15.1	2011-08-27 20:30:00	2011-08-27 23:50:00
Weir_B10	-0.477	0.517	2983.4	2011-08-27 20:40:00	2011-08-28 02:40:00
Weir_BASF	0.000	0.575	13447.1	2011-08-27 09:00:00	2011-08-28 00:00:00
Weir_CLA-PS	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
Weir_HHA	0.000	0.321	2680.1	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_T15-MAD	-0.008	0.024	42.6	2011-08-27 21:10:00	2011-08-27 22:20:00
Weir_T16-MAD	-0.075	0.043	35.1	2011-08-27 20:30:00	2011-08-27 23:20:00
Weir_T1-HAR	-0.041	0.078	89.6	2011-08-27 21:30:00	2011-08-27 22:30:00
Weir_T2-2ST	-0.084	0.064	13.1	2011-08-27 20:40:00	2011-08-28 01:00:00
Weir_T2-6ST	-0.072	0.089	47.2	2011-08-27 20:50:00	2011-08-27 23:30:00
Weir_T2-7ST	-0.040	0.032	5.7	2011-08-27 21:10:00	2011-08-27 22:10:00
Weir_T2-BLM	0.000	0.010	79.3	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_T3-4ST	-0.056	0.089	48.4	2011-08-27 20:50:00	2011-08-27 23:30:00
Weir_T3-6ST	-0.064	0.057	6.1	2011-08-27 20:30:00	2011-08-27 23:30:00
Weir_T3-ADM	-0.036	0.063	38.2	2011-08-27 21:30:00	2011-08-27 22:40:00
Weir_T3-GND	-0.027	0.011	-29.8	2011-08-27 21:30:00	2011-08-27 21:40:00
Weir_T3-OBS	-0.055	0.103	240.1	2011-08-27 20:50:00	2011-08-27 22:40:00
Weir_T4-5ST	-0.076	0.096	35.1	2011-08-27 20:40:00	2011-08-27 23:40:00
Weir_T4-6ST	-0.125	0.081	-37.5	2011-08-27 20:30:00	2011-08-27 23:50:00
Weir_T5-GND	-0.072	0.080	45.8	2011-08-27 20:30:00	2011-08-27 23:10:00
Weir_T5-JEF	-0.057	0.044	32.4	2011-08-27 21:00:00	2011-08-27 22:10:00
Weir_T6-ADM	-0.011	0.050	127.0	2011-08-27 21:40:00	2011-08-27 22:10:00
Weir_T6-JEF	-0.042	0.104	101.2	2011-08-27 21:20:00	2011-08-27 22:30:00
Weir_T6-MON	-0.053	0.092	79.3	2011-08-27 21:30:00	2011-08-27 22:50:00
Weir_T7-JEF	-0.105	0.120	55.1	2011-08-27 20:40:00	2011-08-27 23:50:00
Weir_T8-ADM	-0.041	0.065	153.5	2011-08-27 20:50:00	2011-08-27 23:20:00
Weir_T8-JEF	-0.076	0.101	75.4	2011-08-27 20:50:00	2011-08-27 23:30:00
Weir_T9-MAD	-0.060	0.102	42.1	2011-08-27 21:30:00	2011-08-27 22:40:00
Weir_TD1-WIL	-0.051	0.087	42.9	2011-08-27 20:30:00	2011-08-27 22:40:00
Weir_TD23-CLA	-0.039	0.080	56.5	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_TD25-WIL	-0.002	0.061	104.2	2011-08-27 21:30:00	2011-08-27 22:10:00
Weir_TD31-CLA	0.000	0.006	42.0	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_TD6-WIL	-0.054	0.077	42.8	2011-08-27 20:30:00	2011-08-27 22:40:00
H1.1	-0.121	0.048	-984.6	2011-08-27 21:40:00	2011-08-27 18:00:00
H1-WW.1	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
H2.1	-0.009	0.043	314.3	2011-08-27 22:30:00	2011-08-27 20:20:00
H2-WW.2	-0.009	0.043	76.3	2011-08-27 22:30:00	2011-08-27 20:20:00
H3.1	0.000	0.114	4867.8	2011-08-27 09:00:00	2011-08-27 22:20:00
H3-WW.2	0.000	0.183	7376.2	2011-08-27 17:20:00	2011-08-27 21:00:00
H4.1	0.000	0.108	4798.3	2011-08-27 09:00:00	2011-08-27 21:00:00
H4-WW.1	0.000	0.108	3971.3	2011-08-27 09:00:00	2011-08-27 21:00:00
H5.1	0.000	0.154	7125.3	2011-08-27 09:00:00	2011-08-27 10:30:00

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Summary_HD_2D_Prop_LT_25yrProposedAlt.HTM

H5-WW.1	0.000	0.118	4992.2	2011-08-27 09:00:00	2011-08-27 10:30:00
H6.1	-0.010	0.026	741.3	2011-08-27 10:50:00	2011-08-27 20:20:00
H6-WW.2	-0.001	0.033	983.5	2011-08-27 11:20:00	2011-08-27 20:20:00
H7.1	-0.017	0.073	678.1	2011-08-28 03:40:00	2011-08-27 21:00:00
H7-WW.2	-0.003	0.018	203.2	2011-08-28 03:40:00	2011-08-27 21:20:00
Orifice_13	0.000	1.078	15416.7	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_3	0.000	5.898	88976.2	2011-08-27 09:00:00	2011-08-27 23:10:00
Orifice_5	0.000	0.604	13879.7	2011-08-27 09:00:00	2011-08-27 22:30:00
Orifice_7	0.000	0.173	1975.1	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_8	0.000	2.467	33623.7	2011-08-27 09:00:00	2011-08-27 21:50:00
Orifice_9	0.000	0.269	3581.1	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_B10	-0.055	0.043	305.6	2011-08-27 20:20:00	2011-08-28 05:00:00
Orifice_BASF	0.000	0.117	2375.2	2011-08-27 09:00:00	2011-08-28 06:30:00
Orifice_HHA	0.000	0.102	3864.6	2011-08-27 09:00:00	2011-08-28 00:20:00
outfall5-tg	0.000	3.630	45820.2	2011-08-27 09:00:00	2011-08-27 22:00:00

Pumps - Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum	Pump starts	Dry stops (1)	Speed	Operation total	Operation above dH or H range of RPMmax curve
	[m3/s]	[m3/s]	[m3]			[Count]	[Count]		[Hr:Min:Sec]	[Hr:Min:Sec]
11PS.3	0.000	0.173	14520.3	2011-08-27 09:00:00	2011-08-27 22:00:00	16	0	Constant	23:19:11	-
5PS.3	0.000	0.440	21797.4	2011-08-27 09:00:00	2011-08-27 20:20:00	2	0	Variable	15:41:43	-
5PS.4	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Variable	0:00:00	-
CLA-PS.1	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Constant	0:00:00	-
H1-WW.3	0.000	2.650	82813.2	2011-08-27 09:00:00	2011-08-27 20:10:00	667	0	Constant	10:29:04	-
H5PS	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Constant	0:00:00	-
Pump_BASF	0.000	0.566	15822.2	2011-08-27 09:00:00	2011-08-28 00:00:00	177	14	Constant	8:15:18	-
Pump_HHA	0.000	0.316	6548.8	2011-08-27 09:00:00	2011-08-27 19:30:00	418	16	Constant	6:55:23	-

(1) : Pump stops due to dry pump well.

Warning: Dry stops occurred during the simulation. Insufficient volume below the stop level to let the pump decelerate normally.

Recommended: Check pump well volume, pump curve, acceleration-/deceleration time, start/stop conditions and other input data.

Links - Result summary

LinkID	From Node	To Node	Qf	Hmax	Qmax	Hmax/D	Qmax/Qf	Flow - Accumulated	Ti
			[m3/s]	[m]	[m3/s]			[m3]	
14VO-02-001D_14VO-MA-001B	14VO-02-001D	14VO-MA-001B	0.282	46.09	0.152	3.041	0.538	2134.7	2011-08-27 10:30:00
14VO-14-001_14VO-14-002	14VO-14-001	14VO-14-002	0.164	25.56	0.025	1.456	0.153	248.1	2011-08-27 10:50:00
14VO-14-001_14VO-14-005	14VO-14-001	14VO-14-005	0.228	25.49	0.041	1.683	0.181	398.4	2011-08-27 11:20:00
14VO-14-001C_14VO-14-001	14VO-14-001C	14VO-14-001	0.246	29.21	0.066	0.576	0.270	647.3	2011-08-27 21:00:00
14VO-14-002_14VO-14-006	14VO-14-002	14VO-14-006	0.226	25.31	0.198	5.206	0.876	2810.6	2011-08-27 21:20:00
14VO-14-005_14VO-14-007	14VO-14-005	14VO-14-007	0.061	1.49	0.062	1.375	1.022	648.8	2011-08-28 03:40:00
14VO-14-006_14VO-14-007	14VO-14-006	14VO-14-007	0.078	2.36	0.209	3.679	2.678	2952.5	2011-08-28 03:40:00
14VO-14-007_HWF-14-001A	Node_79	HWF-14-001A	0.659	-0.84	0.269	0.433	0.408	3581.1	2011-08-28 06:30:00

14VO-MA-001_14VO-14-002	14VO-MA-001	14VO-14-002	0.180	41.52	0.136	1.456	0.757	2124.8	2011-08-24
14VO-MA-001B_14VO-MA-001	14VO-MA-001B	14VO-MA-001	0.123	45.72	0.136	3.708	1.108	2129.5	2011-08-24
B10-MH_H1-OB-122A	B10-MH	H1-OB-122A	0.867	0.90	0.517	3.361	0.597	3282.9	2011-08-24
B10-STOR-A_B10-MH	B10-STOR-A	B10-MH	0.718	0.74	0.517	2.730	0.720	3287.3	2011-08-24
BASF-FM	BASF-FM	BASF-OF	0.000	5.74	0.566	9.422		15693.2	2011-08-24
Dummy_H5Weir	Node_89	Dummy_H5Weir	0.000	3.00	0.000	0.005		0.0	2011-08-24
DUMMY-B10	DUMMY-B10	B10-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-BASF	DUMMY-BASF	BASF-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-BASF-2	DUMMY-BASF-2	BASF-WW	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-CLA-PS	CLA-PS-DUMMY	CLA-PS	0.000	-1.21	0.000	0.002		0.0	2011-08-24
DUMMY-HHA	DUMMY-HHA	HHA-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-HHA-2	DUMMY-HHA-2	HHA-WW	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-T10-MAD	T10-MAD	T10-MAD-WEIR-DUMMY	0.000	0.96	0.093	1.672		50.4	2011-08-24
DUMMY-T11-MAD	T11-MAD	T11-MAD-WEIR-DUMMY	0.000	1.09	0.106	1.426		43.4	2011-08-24
DUMMY-T15-MAD	T15-MAD	T15-MAD-WEIR-DUMMY	0.000	1.20	0.024	1.090		60.7	2011-08-24
DUMMY-T16-MAD	T16-MAD	T16-MAD-WEIR-DUMMY	0.000	1.19	-0.045	1.261		48.8	2011-08-24
DUMMY-T1-GAR	T1-GAR	T1-GAR-WEIR-DUMMY	0.000	1.46	0.009	0.923		70.0	2011-08-24
DUMMY-T1-HAR	T1-HAR	T1-HAR-WEIR-DUMMY	0.000	1.19	0.078	1.391		95.2	2011-08-24
DUMMY-T2-4ST	T2-4ST	T2-4ST-WEIR-DUMMY	0.000	1.20	0.094	1.508		83.0	2011-08-24
DUMMY-T2-5ST	T2-5ST	T2-5ST-WEIR-DUMMY	0.000	1.25	0.063	1.360		58.0	2011-08-24
DUMMY-T2-6ST	T2-6ST	T2-6ST-WEIR-DUMMY	0.000	1.20	0.089	1.395		54.3	2011-08-24
DUMMY-T2-7ST	T2-7ST	T2-7ST-WEIR-DUMMY	0.000	1.19	0.031	1.041		24.0	2011-08-24
DUMMY-T2-BLM	T2-BLM	T2-BLM-WEIR-DUMMY	0.000	2.58	0.010	0.858		94.7	2011-08-24
DUMMY-T2-JAC	T2-JAC	T2-JAC-WEIR-DUMMY	0.000	1.17	0.071	1.404		56.4	2011-08-24
DUMMY-T2-MON	T2-MON	T2-MON-WEIR-DUMMY	0.000	1.20	0.103	1.516		81.6	2011-08-24
DUMMY-T3-4ST	T3-4ST	T3-4ST-WEIR-DUMMY	0.000	1.23	0.089	1.410		55.7	2011-08-24
DUMMY-T3-6ST	T3-6ST	T3-6ST-WEIR-DUMMY	0.000	1.20	-0.058	1.310		17.3	2011-08-24
DUMMY-T3-ADM	T3-ADM	T3-ADM-WEIR-DUMMY	0.000	1.21	0.063	1.216		47.3	2011-08-24
DUMMY-T3-GND	T3-GND	T3-GND-WEIR-DUMMY	0.000	1.17	-0.015	0.963		-16.2	2011-08-24
DUMMY-T3-JAC	T3-JAC	T3-JAC-WEIR-DUMMY	0.000	1.06	0.114	1.324		46.0	2011-08-24
DUMMY-T4-4ST	T4-4ST	T4-4ST-WEIR-DUMMY	0.000	1.03	-0.099	1.301		25.7	2011-08-24
DUMMY-T4-5ST	T4-5ST	T4-5ST-WEIR-DUMMY	0.000	1.15	0.096	1.348		46.5	2011-08-24
DUMMY-T4-6ST	T4-6ST	T4-6ST-WEIR-DUMMY	0.000	1.12	-0.100	1.260		-6.9	2011-08-24
DUMMY-T4-GND	T4-GND	T4-GND-WEIR-DUMMY	0.000	1.15	0.039	1.073		55.1	2011-08-24
DUMMY-T5-5ST	T5-5ST	T5-5ST-WEIR-DUMMY	0.000	1.03	0.088	1.270		96.1	2011-08-24
DUMMY-T5-9ST	T5-9ST	T5-9ST-WEIR-DUMMY	0.000	1.17	-0.014	1.028		35.9	2011-08-24
DUMMY-T5-GND	T5-GND	T5-GND-WEIR-DUMMY	0.000	1.26	0.080	1.246		62.0	2011-08-24
DUMMY-T5-JAC	T5-JAC	T5-JAC-WEIR-DUMMY	0.000	0.96	0.169	1.400		89.6	2011-08-24
DUMMY-T5-JEF	T5-JEF	T5-JEF-WEIR-DUMMY	0.000	1.23	0.044	1.086		47.7	2011-08-24
DUMMY-T6-4ST	T6-4ST	T6-4ST-WEIR-DUMMY	0.000	1.03	0.076	1.403		63.7	2011-08-24
DUMMY-T6-5ST	T6-5ST	T6-5ST-WEIR-DUMMY	0.000	1.12	0.084	1.205		18.1	2011-08-24
DUMMY-T6-ADM	T6-ADM	T6-ADM-WEIR-DUMMY	0.000	1.17	0.050	1.142		132.5	2011-08-24
DUMMY-T6-GND	T6-GND	T6-GND-WEIR-DUMMY	0.000	1.26	0.058	1.272		70.8	2011-08-24
DUMMY-T6-JEF	T6-JEF	T6-JEF-WEIR-DUMMY	0.000	1.24	0.103	1.215		112.7	2011-08-24
DUMMY-T6-MON	T6-MON	T6-MON-WEIR-DUMMY	0.000	1.13	0.091	1.225		95.1	2011-08-24
DUMMY-T7-5ST	T7-5ST	T7-5ST-WEIR-DUMMY	0.000	1.03	-0.068	1.266		-24.3	2011-08-24

DUMMY-T7-MON	T7-MON	T7-MON-WEIR-DUMMY	0.000	1.14	-0.086	1.303		60.6	2011-08-21
DUMMY-T8-ADM	T8-ADM	T8-ADM-WEIR-DUMMY	0.000	1.26	0.065	1.324		163.0	2011-08-21
DUMMY-T8-MAD	T8-MAD	T8-MAD-WEIR-DUMMY	0.000	1.19	0.098	1.477		44.9	2011-08-21
DUMMY-T9-ADM	T9-ADM	T9-ADM-WEIR-DUMMY	0.000	1.10	0.127	1.344		153.1	2011-08-21
DUMMY-T9-MAD	T9-MAD	T9-MAD-WEIR-DUMMY	0.000	1.17	0.102	1.334		51.0	2011-08-21
DUMMY-TD12-13ST	TD12-13ST	Node_378	0.000	1.11	-0.004	0.900		22.3	2011-08-21
DUMMY-TD14-CLA	TD14-CLA	TD14-CLA-WEIR-DUMMY	0.000	1.19	0.099	1.330		48.9	2011-08-21
DUMMY-TD1-4ST	TD1-4ST	TD1-4ST-WEIR-DUMMY	0.000	1.20	0.088	1.542		24.8	2011-08-21
DUMMY-TD1-WIL	TD1-WIL	TD1-WIL-WEIR-DUMMY	0.000	1.24	0.087	1.334		50.8	2011-08-21
DUMMY-TD23-CLA	TD23-CLA	TD23-CLA-WEIR-DUMMY	0.000	1.31	0.080	1.318		64.0	2011-08-21
DUMMY-TD25-WIL	TD25-WIL	TD25-WIL-WEIR-DUMMY	0.000	1.12	0.061	1.153		109.9	2011-08-21
DUMMY-TD30-CLA	TD30-CLA	TD30-CLA-WEIR-DUMMY	0.000	1.26	0.014	1.045		50.7	2011-08-21
DUMMY-TD31-CLA	TD31-CLA	TD31-CLA-WEIR-DUMMY	0.000	1.97	0.006	0.871		53.4	2011-08-21
DUMMY-TD6-WIL	TD6-WIL	TD6-WIL-WEIR-DUMMY	0.000	1.26	0.077	1.298		50.2	2011-08-21
H1 REGULATOR_H2-INT-001A	H1-IC	H2-INT-001A	1.155	0.17	-0.121	1.908	-0.105	-999.6	2011-08-21
H1_Outfall	H1-OB-008	H1	0.000	0.11	4.757	1.327		107937.0	2011-08-21
H1-01-005_H1-01-021	H1-01-005	H1-01-021	0.000	0.99	0.011	2.142		129.1	2011-08-21
H1-01-006_H1-01-006A	H1-01-006	H1-01-006A	1.471	1.19	0.076	2.040	0.051	196.7	2011-08-21
H1-01-006A_H1-01-010	H1-01-006A	H1-01-010	0.366	1.17	0.246	2.045	0.673	678.7	2011-08-21
H1-01-007_H1-01-006	H1-01-007	H1-01-006	2.782	1.19	0.011	2.267	0.004	128.1	2011-08-21
H1-01-010_H1-WI-019	H1-01-010	H1-WI-019	3.185	1.11	0.744	2.218	0.234	20232.0	2011-08-21
H1-01-021_H1-GA-018	H1-01-021	H1-GA-018	1.018	0.97	0.624	2.209	0.613	9302.8	2011-08-21
H1-01-029_H1-01-010	H1-01-029	H1-01-010	0.588	1.16	0.613	2.434	1.042	13555.7	2011-08-21
H1-01-033_H1-01-029	H1-01-033	H1-01-029	1.529	1.16	0.607	2.523	0.397	13180.9	2011-08-21
H1-01-033_H1-NE-011	H1-01-033	H1-NE-011	0.411	1.15	0.348	3.527	0.846	7370.1	2011-08-21
H1-01-034_H1-01-033	H1-01-034	H1-01-033	3.906	1.16	0.516	2.703	0.132	9960.0	2011-08-21
H1-01-075_H1-01-034	H1-01-075	H1-01-034	1.640	1.16	0.515	2.613	0.314	10013.7	2011-08-21
H1-01-075_H1-NE-014A	H1-01-075	H1-NE-014A	0.078	1.14	0.176	2.599	2.261	3737.1	2011-08-21
H1-01-077_H1-01-075	H1-01-077	H1-01-075	2.019	1.16	0.608	2.538	0.301	11316.7	2011-08-21
H1-01-080_H1-01-077	H1-01-080	H1-01-077	1.312	1.15	0.608	3.137	0.463	11351.0	2011-08-21
H1-01-080_H1-NE-020	H1-01-080	H1-NE-020	0.601	1.13	0.884	2.336	1.471	23205.8	2011-08-21
H1-01-081_H1-01-080	H1-01-081	H1-01-080	0.359	1.15	0.858	3.130	2.391	21321.6	2011-08-21
H1-01-085_H1-01-081	H1-01-085	H1-01-081	1.878	1.15	0.858	2.673	0.457	21369.9	2011-08-21
H1-01-085_H1-MA-010	H1-01-085	H1-MA-010	0.686	1.15	0.212	2.873	0.309	5118.4	2011-08-21
H1-01-089_H1-01-085	H1-01-089	H1-01-085	1.577	1.16	1.093	2.675	0.693	22975.0	2011-08-21
H1-01-089_H1-OB-116	H1-01-089	H1-OB-116	0.947	1.16	0.275	3.118	0.291	663.9	2011-08-21
H1-01-100_H1-01-089	H1-01-100	H1-01-089	0.000	1.15	1.296	2.664		24544.3	2011-08-21
H1-01-100_H1-JA-022	H1-01-100	H1-JA-022	0.837	1.14	0.398	2.862	0.476	1012.2	2011-08-21
H1-01-104_H1-01-100	H1-01-104	H1-01-100	1.623	1.14	1.192	2.782	0.735	20611.6	2011-08-21
H1-01-110_H1-01-104	H1-01-110	H1-01-104	2.796	1.14	0.940	2.831	0.336	19107.5	2011-08-21
H1-01-115_H1-01-110	H1-01-115	H1-01-110	1.170	1.16	0.804	3.022	0.688	15094.0	2011-08-21
H1-01-116_H1-01-115	H1-01-116	H1-01-115	1.356	1.18	0.563	2.683	0.415	15958.9	2011-08-21
H1-01-117_H1-01-116	H1-01-117	H1-01-116	0.451	1.24	-0.086	3.598	-0.192	-499.3	2011-08-21
H1-01-118_H1-01-117	H1-01-118	H1-01-116	0.046	1.52	0.036	7.105	0.781	451.8	2011-08-21
H1-02-038A_H1-WI-022	H1-02-038A	H1-WI-022	0.563	1.19	0.331	3.305	0.587	5240.5	2011-08-21
H1-03-001_H3-03-006	H1-03-001	H3-03-006	1.879	0.81	1.059	1.594	0.564	26174.7	2011-08-21

H1-03-003A_H1-03-001	H1-03-003A	H1-03-001	4.038	0.90	1.032	2.330	0.256	25812.2	2011-08-24
H1-03-060_H3-03-022	H1-03-060	H3-03-022	1.787	1.21	0.795	2.212	0.445	12821.8	2011-08-24
H1-03-090_H1-03-060	H1-03-090	H1-03-060	1.237	1.21	0.614	2.708	0.497	9324.6	2011-08-24
H1-03-090_H1-GR-022	H1-03-090	H1-GR-022	1.381	1.21	0.408	3.893	0.295	8021.2	2011-08-24
H1-03-140_H1-03-090	H1-03-140	H1-03-090	1.651	1.20	0.859	3.535	0.520	11832.8	2011-08-24
H1-03-170_H1-03-140	H1-03-170	H1-03-140	2.258	1.20	0.610	2.056	0.270	6054.9	2011-08-24
H1-03-180_H1-03-170	H1-03-180	H1-03-170	2.657	1.19	0.514	2.607	0.194	6155.0	2011-08-24
H1-03-200_H1-03-180	H1-03-200	H1-03-180	0.933	1.18	0.852	2.686	0.913	11491.7	2011-08-24
H1-03-200_H1-MA-027	H1-03-200	H1-MA-027	1.697	1.18	0.194	4.100	0.114	571.3	2011-08-24
H1-03-210_H1-03-200	H1-03-210	H1-03-200	1.256	1.18	0.564	2.631	0.449	7974.8	2011-08-24
H1-03-210_H1-MO-036	H1-03-210	H1-MO-036	1.484	1.17	-0.382	3.299	-0.257	-3494.2	2011-08-24
H1-07-013_H1-BL-091	H1-07-013	H1-BL-091	0.274	3.46	0.176	2.254	0.642	2025.4	2011-08-24
H1-08-011_H1-BL-093	H1-08-011	H1-BL-093	0.050	2.40	0.025	2.273	0.494	267.7	2011-08-24
H1-08-011A_H1-08-011	H1-08-011A	H1-08-011	0.000	2.41	0.004	2.119		-0.5	2011-08-24
H1-AD-026_H1-01-075	H1-AD-026	H1-01-075	0.000	1.18	0.161	2.945		925.6	2011-08-24
H1-AD-030_H1-03-140	H1-AD-030	H1-03-140	0.000	1.20	-0.072	3.299		200.2	2011-08-24
H1-AD-035_H1-03-140	H1-AD-035	H1-03-140	0.177	1.20	0.327	3.300	1.849	5105.3	2011-08-24
H1-AD-039_H1-AD-035	H1-AD-039	H1-AD-035	1.136	1.24	0.286	3.311	0.252	4558.8	2011-08-24
H1-AD-042_H1-AD-039	H1-AD-042	H1-AD-039	0.653	1.26	0.226	2.813	0.347	3414.8	2011-08-24
H1-AD-048_H1-AD-042	H1-AD-043	H1-AD-042	0.585	1.26	0.171	2.692	0.292	2408.9	2011-08-24
H1-AD-053_H1-AD-048	H1-AD-053	H1-AD-048	0.778	1.28	-0.161	2.535	-0.208	915.3	2011-08-24
H1-Alt-Grav1.2	H1-Alt-Grav1	OF-H1-V2	0.000	-0.28	1.049	1.326		12856.1	2011-08-24
H1-Alt-Grav2.1	H1-Alt-Grav2	OF-H1-V2	0.000	-0.28	1.079	1.328		13248.4	2011-08-24
H1-BL-007_H1-BL-009	H1-BL-007	H1-BL-009	0.000	0.62	0.206	2.873		2732.0	2011-08-24
H1-BL-009_H1-OB-010	H1-BL-009	H1-OB-010	3.875	0.48	4.585	1.912	1.183	106076.9	2011-08-24
H1-BL-016_H1-BL-009	H1-BL-016	H1-BL-009	1.531	1.05	1.073	2.290	0.701	12648.9	2011-08-24
H1-BL-017_H1-BL-016	H1-BL-017	H1-BL-016	0.800	1.21	0.974	1.785	1.217	11451.2	2011-08-24
H1-BL-024_H1-BL-017	H1-BL-024	H1-BL-017	0.949	1.51	0.914	1.838	0.964	10743.3	2011-08-24
H1-BL-030_H1-BL-024	H1-BL-030	H1-BL-024	0.634	1.77	0.776	1.954	1.223	9104.9	2011-08-24
H1-BL-037_H1-BL-030	H1-BL-037	H1-BL-030	0.941	2.01	0.776	1.988	0.825	9122.0	2011-08-24
H1-BL-039_H1-BL-037	H1-BL-039	H1-BL-037	1.111	2.16	0.674	1.885	0.606	7657.6	2011-08-24
H1-BL-090C_H1-BL-090B	H1-BL-090C	H1-BL-090B	0.000	4.96	-0.044	18.561		-531.6	2011-08-24
H1-BL-090E_H1-BL-039	H1-BL-090E	H1-BL-039	0.825	2.28	0.612	1.595	0.741	6640.0	2011-08-24
H1-BL-090E_H1-BL-090	H1-BL-090E	H1-BL-090	0.059	2.35	-0.460	2.035	-7.778	-4588.7	2011-08-24
H1-BL-090E_H1-BL-090C	H1-BL-090E	H1-BL-090C	0.000	2.47	-0.073	4.211		-861.8	2011-08-24
H1-BL-091_H1-BL-090	H1-BL-091	H1-BL-090	0.299	2.37	0.443	1.117	1.482	4466.5	2011-08-24
H1-BL-093_H1-BL-091	H1-BL-093	H1-BL-091	0.702	2.38	0.239	1.127	0.340	1694.7	2011-08-24
H1-BL-095_H1-BL-093	H1-BL-095	H1-BL-093	0.137	2.41	0.039	1.818	0.287	450.7	2011-08-24
H1-CL-014_H1-NE-007	H1-CL-014	H1-NE-007	1.318	1.11	0.047	4.742	0.036	532.0	2011-08-24
H1-CL-015_H1-CL-023	H1-CL-015	H1-CL-023	1.872	1.20	-0.098	2.790	-0.052	-232.9	2011-08-24
H1-CL-023_H1-03-060	H1-CL-023	H1-03-060	0.916	1.21	0.295	3.577	0.322	561.5	2011-08-24
H1-CL-036_H1-03-060	H1-CL-036	H1-03-060	1.251	1.22	0.202	3.250	0.161	1512.2	2011-08-24
H1-GA-017_H1-OB-031	H1-GA-012	H1-OB-031	1.135	0.81	0.711	1.672	0.626	10489.4	2011-08-24
H1-GA-018_H1-GA-017	H1-GA-018	H1-GA-017	3.229	0.92	0.624	1.574	0.193	9296.6	2011-08-24
H1-GR-022_H1-01-033	H1-GR-022	H1-01-033	0.710	1.19	0.435	3.870	0.612	9411.0	2011-08-24

H1-GR-027_H1-03-090	H1-GR-027	H1-03-090	2.875	1.21	0.328	4.164	0.114	4247.4	2011-08-24
H1-GR-033_H1-GR-027	H1-GR-033	H1-GR-027	1.283	1.25	0.327	2.691	0.255	4363.9	2011-08-24
H1-GR-037_H1-GR-033	H1-GR-037	H1-GR-033	0.855	1.26	0.227	2.274	0.266	3213.1	2011-08-24
H1-GR-038_H1-GR-037	H1-GR-038	H1-GR-037	0.988	1.27	0.160	2.558	0.162	1380.8	2011-08-24
H1-GR-054_H1-GR-047	H1-GR-054	H1-GR-046	1.224	1.27	0.098	3.290	0.080	945.8	2011-08-24
H1-HA-130_H1-HA-132	PR_DH_MH1	H1-HA-132	0.796	1.14	-0.077	2.624	-0.097	2.4	2011-08-24
H1-HA-132_H1-01-110	H1-HA-132	H1-01-110	0.848	1.14	0.110	3.767	0.130	818.7	2011-08-24
H1-HA-132A_H1-HA-132	H1-HA-132A	H1-HA-132	0.000	1.16	0.019	5.037		222.6	2011-08-24
H1-HA-135_H1-01-110	H1-HA-135	H1-01-110	0.000	1.15	0.166	3.374		1497.9	2011-08-24
H1-HA-136_H1-HA-138	H1-HA-136	H1-HA-138	0.039	1.25	0.039	7.780	0.989	448.8	2011-08-24
H1-HA-138_H1-HA-139	H1-HA-138	H1-HA-139	0.084	1.12	0.038	3.911	0.454	519.6	2011-08-24
H1-HA-138A_H1-HA-138	H1-HA-138A	H1-HA-138	0.127	1.13	0.001	4.564	0.010	80.1	2011-08-24
H1-HA-138B_H1-HA-138A	H1-HA-138B	H1-HA-138A	0.000	1.12	0.001	5.371		80.1	2011-08-24
H1-HA-139_H1-HA-140	H1-HA-139	H1-HA-140	0.037	1.07	0.039	5.773	1.070	605.9	2011-08-24
H1-HA-139A_H1-HA-139	H1-HA-139A	H1-HA-139	0.226	1.08	0.005	3.911	0.020	58.0	2011-08-24
H1-HA-140_H1-HA-141	H1-HA-140	H1-HA-141	0.189	1.04	0.040	4.025	0.210	652.1	2011-08-24
H1-HA-140A_H1-HA-140	H1-HA-140A	H1-HA-140	0.130	1.05	0.003	3.776	0.023	51.4	2011-08-24
H1-HA-140B_H1-HA-140A	H1-HA-140B	H1-HA-140A	0.072	1.05	0.000	6.057	-0.004	0.1	2011-08-24
H1-HA-140C_H1-HA-140A	H1-HA-140C	H1-HA-140A	0.026	1.05	0.001	6.057	0.038	51.5	2011-08-24
H1-HA-141_H1-JA-043	H1-HA-141	H1-JA-043	0.506	1.04	0.085	5.862	0.168	699.8	2011-08-24
H1-HU-001_H1-HU-002	H1-HU-001	H1-HU-002	0.058	7.77	0.058	0.749	1.011	661.9	2011-08-24
H1-HU-002_H1-07-013	H1-HU-002	H1-07-013	0.379	7.54	0.101	1.221	0.266	1130.2	2011-08-24
H1-HU-003_H1-HU-002	H1-HU-003	H1-HU-002	0.000	7.69	0.025	0.727		271.0	2011-08-24
H1-JA-021_H1-OB-121	H1-JA-021	H1-OB-121	1.035	1.12	0.403	3.087	0.389	1223.2	2011-08-24
H1-JA-022_H1-JA-021	H1-JA-022	H1-JA-021	1.833	1.12	0.398	2.302	0.217	977.4	2011-08-24
H1-JA-034_H1-01-100	MH-T2-2STB	H1-01-100	1.689	1.13	0.450	4.769	0.266	3536.8	2011-08-24
H1-JA-037B_H1-JA-034	H1-JA-037B	H1-JA-034	1.219	1.09	0.372	5.388	0.305	2381.3	2011-08-24
H1-JA-043_H1-JA-037B	H1-JA-043	H1-JA-037B	1.031	1.05	0.356	4.439	0.346	2225.9	2011-08-24
H1-JA-046_H1-JA-043	H1-JA-046	H1-JA-043	3.074	1.03	-0.143	4.008	-0.047	1024.8	2011-08-24
H1-JE-026A_H1-01-080	H1-JE-026A	H1-JE-023	0.107	1.17	0.556	1.772	5.219	11806.3	2011-08-24
H1-JE-031_H1-03-180	H1-JE-031	H1-03-180	1.018	1.18	-0.460	2.013	-0.452	-10458.1	2011-08-24
H1-JE-031_H1-JE-026A	H1-JE-031	H1-JE-026A	1.570	1.18	0.538	2.579	0.343	10611.3	2011-08-24
H1-JE-032_H1-03-180	H1-JE-032	H1-03-180	5.104	1.19	0.314	2.017	0.061	4007.2	2011-08-24
H1-JE-037_H1-JE-032	H1-JE-037	H1-JE-032	0.842	1.22	0.316	2.939	0.375	4223.2	2011-08-24
H1-JE-044_H1-JE-037	H1-JE-044	H1-JE-037	0.846	1.22	0.236	2.271	0.279	3165.2	2011-08-24
H1-JE-050_H1-JE-044	H1-JE-050	H1-JE-044	0.679	1.23	0.164	2.114	0.242	2169.5	2011-08-24
H1-JE-055_H1-JE-050	H1-JE-055	H1-JE-050	0.806	1.23	0.075	2.799	0.093	873.6	2011-08-24
H1-Junction1.1	H1-Junction1	OF-H1-V2	0.475	-0.32	-0.001	1.307	-0.002	0.0	2011-08-24
H1-Junction2.1	H1-Junction2	OF-H1-V2	0.475	-0.32	-0.001	1.307	-0.002	0.0	2011-08-24
H1-MA-010_H1-OB-100	H1-MA-010	H1-OB-100	0.999	1.13	0.205	3.803	0.205	5092.7	2011-08-24
H1-MA-027_H1-01-085	H1-MA-027	H1-01-085	1.355	1.17	0.278	2.614	0.205	1923.0	2011-08-24
H1-MA-038_H1-03-200	H1-MA-038	H1-03-200	1.462	1.18	0.319	5.050	0.218	3660.3	2011-08-24
H1-MA-041_H1-MA-038	H1-MA-041	H1-MA-038	1.570	1.19	0.229	4.106	0.146	3112.1	2011-08-24
H1-MA-048_H1-MA-041	H1-MA-044	H1-MA-041	0.530	1.20	0.165	3.314	0.312	2193.9	2011-08-24
H1-MA-054_H1-MA-048	H1-MA-054	H1-MA-048	0.566	1.21	0.078	3.191	0.137	876.5	2011-08-24
H1-MO-010_H1-NE-030	H1-MO-010	H1-NE-030	3.429	1.12	0.194	2.100	0.056	1407.9	2011-08-24

H1-MO-033_H1-01-089	H1-MO-033	H1-01-089	0.845	1.16	-0.373	2.343	-0.441	-2283.9	2011-08-24
H1-MO-036_H1-MO-033	H1-MO-036	H1-MO-033	0.737	1.17	-0.382	3.058	-0.518	-3471.6	2011-08-24
H1-MO-043_H1-03-210	H1-MO-043	H1-03-210	0.847	1.18	0.311	4.558	0.368	3211.5	2011-08-24
H1-MO-044_H1-MO-043	H1-MO-044	H1-MO-043	1.862	1.17	0.295	5.332	0.158	2337.8	2011-08-24
H1-MO-047_H1-MO-044	H1-MO-047	H1-MO-044	5.079	1.17	0.294	2.743	0.058	2423.6	2011-08-24
H1-MO-057_H1-MO-047	H1-MO-057	H1-MO-047	1.102	1.17	0.196	3.094	0.178	1874.0	2011-08-24
H1-MO-062_H1-MO-057	H1-MO-062	H1-MO-057	0.771	1.17	0.098	4.007	0.128	958.9	2011-08-24
H1-NE-002_H1-PA-015	H1-NE-002	H1-PA-015	0.000	0.87	-0.006	1.769		-12.3	2011-08-24
H1-NE-003_H1-WI-011	H1-NE-003	H1-WI-011	2.015	1.06	1.050	2.408	0.521	27514.8	2011-08-24
H1-NE-007_H1-NE-003	H1-NE-007	H1-NE-003	1.403	1.09	0.286	2.485	0.204	6568.4	2011-08-24
H1-NE-011_H1-NE-007	H1-NE-011	H1-NE-007	0.410	1.13	0.246	3.146	0.598	5655.4	2011-08-24
H1-NE-011_H1-NE-014A	H1-NE-011	H1-NE-014A	0.306	1.12	0.204	2.549	0.668	3287.0	2011-08-24
H1-NE-014A_H1-NE-017	H1-NE-014A	H1-NE-017	2.443	1.09	0.421	1.921	0.172	7567.6	2011-08-24
H1-NE-017_H1-NE-019	H1-NE-017	H1-NE-019	5.055	1.09	0.420	2.269	0.083	7528.6	2011-08-24
H1-NE-019_H1-NE-020	H1-NE-019	H1-NE-020	2.933	1.08	0.420	1.397	0.143	7494.5	2011-08-24
H1-NE-020_H1-OB-090	H1-NE-020	H1-OB-090	4.253	1.05	1.649	2.265	0.388	42694.5	2011-08-24
H1-NE-021_H1-OB-091	H1-NE-021	H1-OB-091	1.305	1.06	0.370	2.646	0.284	6333.7	2011-08-24
H1-NE-026_H1-NE-021	H1-NE-026	H1-NE-021	0.588	1.09	0.368	2.352	0.626	6157.9	2011-08-24
H1-NE-029A_H1-NE-026	H1-NE-029A	H1-NE-026	0.735	1.10	0.358	2.131	0.487	5379.6	2011-08-24
H1-NE-030_H1-NE-029A	H1-NE-030	MH-T6-NEW	0.604	1.11	0.354	3.031	0.586	5181.2	2011-08-24
H1-NE-031_H1-NE-030	H1-NE-031	H1-NE-030	2.717	1.12	0.249	1.750	0.092	3782.0	2011-08-24
H1-NE-040_H1-NE-031	H1-NE-040	H1-NE-031	0.421	1.12	0.244	1.930	0.580	3512.0	2011-08-24
H1-NE-047_H1-NE-040	H1-NE-047	H1-NE-040	0.123	1.12	0.030	2.719	0.246	291.8	2011-08-24
H1-OB-001_H1-OB-010	H1-OB-001	H1-OB-010	0.000	0.40	0.019	7.050		225.2	2011-08-24
H1-OB-010_H1-OB-008	H1-OB-010	H1-OB-008	8.196	0.26	4.697	1.650	0.573	107274.8	2011-08-24
H1-OB-031_H1-BL-009	H1-OB-031	H1-BL-009	1.701	0.70	3.804	2.104	2.236	90350.2	2011-08-24
H1-OB-050_H1-OB-031	H1-OB-050	H1-OB-031	4.392	0.81	3.197	2.154	0.728	79618.4	2011-08-24
H1-OB-050_H1-OB-050A	H1-OB-050	H1-OB-050A	0.000	0.84	0.004	1.509		2.9	2011-08-24
H1-OB-071_H1-OB-050	H1-OB-071	H1-OB-050	3.011	0.88	3.160	2.179	1.050	78188.8	2011-08-24
H1-OB-072_H1-OB-071	H1-OB-072	H1-OB-071	13.803	0.93	3.131	2.207	0.227	78311.5	2011-08-24
H1-OB-077_H1-OB-072	H1-OB-077	H1-OB-072	2.989	0.99	2.058	2.189	0.688	49537.6	2011-08-24
H1-OB-090_H1-OB-077	H1-OB-090	H1-OB-080A	1.172	1.03	2.006	2.257	1.712	48893.9	2011-08-24
H1-OB-091_H1-OB-090	H1-OB-091	H1-OB-090	0.617	1.05	0.372	2.682	0.603	6452.3	2011-08-24
H1-OB-095_H1-NE-020	H1-OB-095	H1-NE-020	1.512	1.09	0.549	4.486	0.363	12052.6	2011-08-24
H1-OB-100_H1-OB-095	H1-OB-100	H1-OB-095	8.108	1.12	0.541	1.456	0.067	11673.3	2011-08-24
H1-OB-101_H1-OB-100	MH-T5-OBS	H1-OB-100	0.357	1.12	0.353	3.363	0.990	6017.7	2011-08-24
H1-OB-116_H1-MO-010	H1-OB-116	H1-MO-010	1.228	1.13	0.184	2.728	0.150	1280.3	2011-08-24
H1-OB-116_H1-OB-101	H1-OB-116	H1-OB-101	0.811	1.13	0.302	2.450	0.372	5852.8	2011-08-24
H1-OB-117_H1-OB-116	H1-OB-117	H1-OB-116	2.455	1.13	0.474	2.329	0.193	5894.3	2011-08-24
H1-OB-121_H1-OB-117	H1-OB-121	H1-OB-117	1.679	1.12	0.466	3.640	0.278	5324.5	2011-08-24
H1-OB-121A_H1-OB-121	H1-OB-121A	H1-OB-121	0.108	1.11	-0.020	6.722	-0.187	2.1	2011-08-24
H1-OB-122_H1-NE-040	H1-OB-122	H1-NE-040	0.676	1.12	0.222	1.485	0.328	2320.8	2011-08-24
H1-OB-122_H1-OB-121	H1-OB-122	H1-OB-121	8.080	1.12	0.425	2.242	0.053	3350.6	2011-08-24
H1-OB-122A_H1-OB-122	MH-T7-OBS	H1-OB-122	1.169	1.10	0.524	2.672	0.448	5372.4	2011-08-24
H1-OB-122B_H1-OB-122A	H1-OB-122B	H1-OB-122A	2.381	1.08	0.105	1.992	0.044	728.4	2011-08-24
H1-OB-122C_H1-OB-122A	H1-OB-122C	H1-OB-122A	0.000	1.08	0.037	1.992		489.7	2011-08-24

H1-OB-123_H1-HA-130	H1-OB-123	H1-HA-130	0.497	1.13	-0.077	2.906	-0.155	4.1	2011-08-24
H1-OB-125_H1-OB-123	H1-OB-125	H1-OB-123	0.046	1.69	0.086	7.142	1.863	1435.8	2011-08-24
H1-OB-127_H1-OB-125	H1-OB-127	H1-OB-125	0.000	1.88	0.120	2.702		1441.2	2011-08-24
H1-PA-015_H1-OB-050	H1-PA-015	H1-OB-050	1.425	0.87	0.097	2.093	0.068	1150.4	2011-08-24
H1-PA-017_H1-01-006	H1-PA-017	H1-01-006	2.274	1.19	-0.050	3.583	-0.022	-727.1	2011-08-24
H1-PA-017_H1-01-006A	H1-PA-017	H1-01-006A	4.736	1.19	0.171	2.405	0.036	495.6	2011-08-24
H1-PA-020A_H1-OB-117	H1-PA-020A	H1-OB-117	0.000	1.13	0.015	5.372		182.0	2011-08-24
H1-PA-024_H1-PA-017	H1-PA-024	H1-PA-017	0.622	1.20	-0.172	3.820	-0.276	-198.6	2011-08-24
H1-PA-030_H1-PA-050	H1-PA-030	H1-PA-050	0.048	1.15	-0.016	5.891	-0.330	-78.9	2011-08-24
H1-PA-050_H1-01-115	H1-PA-050	H1-01-115	0.467	1.15	0.251	2.676	0.538	-552.0	2011-08-24
H1-PA-050A_H1-PA-050	H1-PA-050A	H1-PA-050	0.000	1.15	0.246	2.618		-48.5	2011-08-24
H1-PA-060_H1-01-116	H1-PA-060	H1-01-116	0.341	1.28	0.057	5.944	0.166	881.7	2011-08-24
H1-PA-061_H1-01-117	H1-PA-061	H1-01-116	0.295	1.73	0.557	4.152	1.891	14861.0	2011-08-24
H1-PA-062_H1-PA-061	H1-PA-062	H1-PA-061	0.000	5.09	0.562	11.498		17119.5	2011-08-24
H1-WA-011_H1-07-013	H1-WA-011	H1-07-013	0.000	3.70	0.013	1.573		156.0	2011-08-24
H1-WI-011_H1-OB-072	H1-WI-011	H1-OB-072	1.444	0.98	1.050	2.400	0.727	27462.0	2011-08-24
H1-WI-019_H1-NE-003	H1-WI-019	H1-NE-003	2.465	1.09	0.742	2.130	0.301	20219.9	2011-08-24
H1-WI-022_H1-01-010	H1-WI-022	H1-01-010	3.370	1.16	0.331	1.753	0.098	5217.4	2011-08-24
H1-WW.2	H1-WW	H1-Alt-Grav2	0.000	-0.11	1.079	1.511		13248.4	2011-08-24
H1-WW.4	H1-WW	H1-Alt-Grav1	0.000	-0.11	1.049	1.518		12856.1	2011-08-24
H2 REGULATOR_H2-INT-009A	H2 REGULATOR	H2-INT-009A	4.043	0.20	-0.107	2.370	-0.027	-966.7	2011-08-24
H2-01-001_H2-01-002	H2-01-001	H2-01-002	0.150	5.37	0.161	10.322	1.077	2975.9	2011-08-24
H2-01-001A_H2-01-001	H2-01-001A	H2-01-001	0.000	5.90	0.087	12.036		1079.2	2011-08-24
H2-01-002_H2-RI-004	H2-01-002	H2-RI-004	0.141	3.70	0.176	8.526	1.250	3263.4	2011-08-24
H2-01-003_H2-NE-010B	H2-01-003	H2-NE-010B	1.273	0.60	0.275	1.659	0.216	5051.9	2011-08-24
H2-02-003_H2-RI-005	H2-02-003	H2-RI-005	0.000	2.30	0.046	9.630		608.1	2011-08-24
H2-05-001_H2-WA-007	H2-05-001	H2-WA-007	0.000	3.68	0.043	1.719		521.4	2011-08-24
H2-05-002_H2-05-001	H2-05-002	H2-05-001	0.000	3.73	0.007	1.917		85.0	2011-08-24
H2-06-003_H2-WA-009	H2-06-003	H2-WA-009	0.110	6.33	0.124	2.368	1.125	1501.6	2011-08-24
H2-06-004_H2-06-003	H2-06-004	H2-06-003	0.000	7.03	0.037	5.123		441.1	2011-08-24
H2-CO-003_H2-01-001	H2-CO-003	H2-01-001	0.000	6.08	0.067	12.647		860.8	2011-08-24
H2-CO-004AA_H2-CO-003	H2-CO-004AA	H2-CO-003	0.000	6.33	0.039	13.446		510.7	2011-08-24
H2-HP-001A_H2-HP-004	H2-HP-001A	H2-HP-004	0.077	1.88	0.079	4.821	1.020	1393.0	2011-08-24
H2-HP-004_H2-RI-009	H2-HP-004	H2-RI-009	0.133	1.13	0.179	3.107	1.345	2569.9	2011-08-24
H2-HP-008A_H2-HP-004	H2-HP-008A	H2-HP-004	0.112	1.60	0.049	4.763	0.440	581.0	2011-08-24
H2-INT-001_H2-INT-002	H2-INT-001	H2-INT-002	5.406	0.18	-0.121	2.121	-0.022	-1053.1	2011-08-24
H2-INT-001A_H2-INT-001	H2-INT-001A	H2-INT-001	0.848	0.17	-0.121	1.910	-0.143	-1031.8	2011-08-24
H2-INT-002_H2-INT-003	H2-INT-002	H2-INT-003	0.000	0.18	-0.121	0.461		-1059.4	2011-08-24
H2-INT-003_H2-INT-004	H2-INT-003	H2-INT-004	9.060	0.18	-0.122	1.979	-0.013	-1055.6	2011-08-24
H2-INT-004_H2-INT-005	H2-INT-004	H2-INT-005	3.968	0.18	-0.122	2.129	-0.031	-1078.4	2011-08-24
H2-INT-005_H2-INT-006	H2-INT-005	H2-INT-006	5.087	0.19	-0.124	1.949	-0.024	-1085.9	2011-08-24
H2-INT-006_H2-INT-007	H2-INT-006	H2-INT-007	5.496	0.19	-0.124	2.229	-0.023	-1138.5	2011-08-24
H2-INT-007_H2 REGULATOR	H2-INT-007	H2 REGULATOR	2.773	0.19	-0.107	2.691	-0.038	-871.9	2011-08-24
H2-INT-009_H2-INT-010	H2-INT-009	H2-INT-010	0.908	0.20	-0.107	2.301	-0.118	-1165.3	2011-08-24
H2-INT-009A_H2-INT-009	H2-INT-009A	H2-INT-009	0.853	0.20	-0.107	2.374	-0.126	-1121.4	2011-08-24

H2-INT-010_H3-INT-001	H2-INT-010	H3-INT-001	3.060	0.20	-0.107	2.699	-0.035	-1198.7	2011-08-24
H2-NE-004_H2-NE-005	H2-NE-004	H2-NE-005	1.157	0.67	-0.421	2.517	-0.364	-5653.9	2011-08-24
H2-NE-004_H2-NE-010	H2-NE-004	H2-NE-010	1.554	0.63	0.504	2.073	0.324	6710.1	2011-08-24
H2-NE-005_H2-NE-007	H2-NE-005	H2-NE-007	1.314	0.70	-0.408	2.370	-0.310	-5534.6	2011-08-24
H2-NE-007_H2-WA-001	H2-NE-007	H2-WA-001	1.348	0.73	-0.392	2.185	-0.291	-5370.4	2011-08-24
H2-NE-010B_H2-NE-010	H2-NE-010B	H2-NE-010	2.316	0.59	0.275	2.073	0.119	5042.3	2011-08-24
H2-NE-013_H2-RI-009	H2-NE-013	H2-RI-009	0.150	0.71	0.039	11.044	0.261	508.0	2011-08-24
H2-NE-020.1	H2-NE-020	H2	0.852	0.23	-0.005	2.435	-0.006	-28.3	2011-08-24
H2-OF.1	H2-NE-010	H2	0.383	0.47	1.092	1.928	2.850	15918.1	2011-08-24
H2-RI-004_H2-01-003	H2-RI-004	H2-01-003	0.096	1.60	0.253	6.455	2.635	4780.0	2011-08-24
H2-RI-005_H2-RI-004	H2-RI-005	H2-RI-004	0.000	2.05	0.093	7.056		1231.6	2011-08-24
H2-RI-009_H2-NE-010	H2-RI-009	H2-NE-010	3.135	0.59	0.267	1.728	0.085	3689.9	2011-08-24
H2-WA-0000_H1-BL-090	H2-WA-0000	H1-BL-090	0.148	3.12	0.012	2.788	0.082	141.9	2011-08-24
H2-WA-001_H2-WA-003	H2-WA-001	H2-WA-003	2.033	0.91	-0.363	1.919	-0.178	-4720.8	2011-08-24
H2-WA-003_H2-WA-004	H2-WA-003	H2-WA-004	1.531	1.32	-0.294	0.347	-0.192	-4172.9	2011-08-24
H2-WA-004_H2-03-020	H2-WA-004	H2-03-020	0.553	1.90	-0.294	0.513	-0.532	-4143.7	2011-08-24
H2-WA-005A_H2-03-020	H2-WA-005A	H2-03-020	1.270	3.05	0.294	0.292	0.231	3681.1	2011-08-24
H2-WA-007_H2-WA-005A	H2-WA-007	H2-WA-005A	1.393	3.44	0.258	0.292	0.186	3186.8	2011-08-24
H2-WA-009_H2-WA-007	H2-WA-009	H2-WA-007	1.840	4.49	0.180	0.271	0.098	2232.8	2011-08-24
H2-WA-010_H2-WA-009	H2-WA-010	H2-WA-009	0.120	4.85	0.029	0.804	0.239	348.0	2011-08-24
H2-WA-011_H2-WA-010	H2-WA-011	H2-WA-010	0.065	4.98	0.020	0.746	0.302	241.4	2011-08-24
H2-WA-012_H2-WA-011	H2-WA-012	H2-WA-011	0.069	5.16	0.019	0.667	0.281	231.5	2011-08-24
H2-WA-013_H2-WA-0000	H2-WA-013	H2-WA-0000	0.190	5.22	0.012	0.389	0.063	142.1	2011-08-24
H2-WW.1	H2-WW	H2-OF	0.000	-0.02	1.078	0.826		15464.0	2011-08-24
H3-02-001_H3-HU-001	H3-02-001	H3-HU-001	0.000	3.59	0.013	0.557		156.4	2011-08-24
H3-03-002_H3-RI-006	H3-03-002	H3-RI-006	4.671	0.30	1.374	1.891	0.294	30029.6	2011-08-24
H3-03-004_H3-03-002	H3-03-004	H3-03-002	0.563	0.53	1.326	1.359	2.356	29442.7	2011-08-24
H3-03-006_H3-CO-004	H3-03-006	H3-CO-004	3.020	0.73	1.062	1.650	0.352	26186.3	2011-08-24
H3-03-007_H1-03-003A	H3-03-007	H1-03-003A	1.114	0.97	0.999	2.418	0.897	24616.2	2011-08-24
H3-03-009_H3-03-007	H3-03-009	H3-03-007	1.161	1.04	0.998	1.864	0.859	24585.7	2011-08-24
H3-03-010_H3-03-009	H3-03-010	H3-03-009	0.479	1.09	0.997	3.017	2.083	24600.1	2011-08-24
H3-03-015_H3-03-010	H3-03-015	H3-03-010	1.424	1.18	1.242	1.941	0.872	23544.5	2011-08-24
H3-03-015_H3-PA-025	H3-03-015	H3-PA-025	1.958	1.21	-0.198	3.931	-0.101	-1989.1	2011-08-24
H3-03-020.1	H3-03-020	H3	5.554	0.00	-0.136	0.893	-0.024	-33.1	2011-08-24
H3-03-022_H3-03-022A	H3-03-022	H3-03-022A	4.477	1.21	0.795	4.483	0.178	12780.6	2011-08-24
H3-03-022A_H3-03-015	H3-03-022A	H3-03-015	0.855	1.21	0.948	2.450	1.109	17028.5	2011-08-24
H3-03-022A_H3-WI-038AB	H3-03-022A	H3-WI-038AB	1.237	1.21	0.271	3.855	0.219	4006.4	2011-08-24
H3-03-040.1	H3-03-040	H3-03-020	1.945	0.00	-0.106	0.593	-0.055	-18.5	2011-08-24
H3-03-050.1	H3-03-050	H3-03-040	1.204	0.00	-0.010	0.659	-0.008	-2.0	2011-08-24
H3-05-090_H3-WI-022	H3-WI-015	H3-WI-022	0.881	1.28	0.344	3.498	0.391	6280.2	2011-08-24
H3-05-100_H3-05-090	H3-05-100	H3-05-090	0.367	1.31	0.199	2.215	0.543	3235.0	2011-08-24
H3-05-100_H3-CL-013	H3-05-100	H3-CL-013	0.487	1.26	-0.142	8.712	-0.293	-475.1	2011-08-24
H3-CL-001_H3-CL-003	H3-CL-001	H3-CL-003	0.644	1.34	0.080	5.109	0.124	975.6	2011-08-24
H3-CL-003_H3-CL-004	H3-CL-003	H3-CL-004	0.698	1.33	0.084	4.121	0.120	1020.9	2011-08-24
H3-CL-004_H3-CL-007	H3-CL-004	H3-CL-007	1.118	1.33	0.083	2.420	0.075	1019.7	2011-08-24
H3-CL-007_H3-CL-011	H3-CL-007	H3-CL-011	0.186	1.32	0.181	2.421	0.974	2374.8	2011-08-24

H3-CL-011_H3-05-100	H3-CL-011	H3-05-100	0.990	1.31	0.182	2.172	0.183	2371.6	2011-08-24
H3-CL-013_H3-CL-015A	H3-CL-013	H3-CL-015A	0.437	1.24	-0.142	2.810	-0.326	-203.5	2011-08-24
H3-CL-015A_H1-CL-036	H3-CL-015A	H1-CL-036	0.963	1.23	-0.157	3.362	-0.163	-100.0	2011-08-24
H3-CO-001_H3-CO-004	H3-CO-001	H3-CO-004	0.026	5.97	0.041	4.793	1.584	537.4	2011-08-24
H3-CO-004_H3-03-004	H3-CO-004	H3-03-004	2.595	0.67	1.151	1.828	0.444	27336.8	2011-08-24
H3-CO-006_H3-CO-004	H3-CO-006	H3-CO-004	0.060	5.51	0.041	0.600	0.673	537.5	2011-08-24
H3-GA-001_H1-01-021	H3-GA-001	H1-01-021	1.380	1.03	0.555	2.142	0.402	8281.9	2011-08-24
H3-GA-001_H3-GA-004	H3-GA-001	H3-GA-004	1.262	1.09	-0.569	2.308	-0.451	-8114.1	2011-08-24
H3-GA-004_H3-03-010	H3-GA-004	H3-03-010	1.454	1.15	-0.524	3.104	-0.360	-7283.3	2011-08-24
H3-GA-013C_H3-03-010	H3-GA-013C	H3-03-010	1.049	1.28	0.638	3.106	0.609	7194.7	2011-08-24
H3-GA-014_H3-GA-013C	H3-GA-014	H3-GA-013C	0.433	1.36	0.542	2.887	1.252	6171.9	2011-08-24
H3-GA-015A_H3-GA-014	H3-GA-015A	H3-GA-014	1.311	1.46	0.518	2.907	0.395	5914.7	2011-08-24
H3-GA-018A_H3-GA-015A	H3-GA-018A	H3-GA-015A	0.552	1.54	0.469	3.399	0.850	5284.5	2011-08-24
H3-GA-023_H3-GA-018A	H3-GA-023	H3-GA-018A	1.391	1.60	0.435	2.476	0.313	4718.1	2011-08-24
H3-GA-028_H3-GA-023	H3-GA-028	H3-GA-023	1.165	1.63	0.372	1.837	0.319	3538.4	2011-08-24
H3-GA-033_H3-GA-028	H3-GA-033	H3-GA-028	1.428	1.64	0.280	1.321	0.196	2318.5	2011-08-24
H3-GA-037_H3-GA-033	H3-GA-037	H3-GA-033	0.810	1.65	0.094	0.499	0.116	950.4	2011-08-24
H3-HU-001_H3-03-004	H3-HU-001	H3-03-004	0.179	3.49	0.020	5.674	0.111	238.5	2011-08-24
H3-HU-004_H3-03-004	H3-HU-004	H3-03-004	0.000	0.65	0.020	5.838		260.8	2011-08-24
H3-INT-001_H3-INT-002	H3-INT-001	H3-INT-002	0.000	0.20	-0.107	2.712		-1234.2	2011-08-24
H3-INT-002_H3 REGULATOR	H3-INT-002	H3-INT-003A	9.018	0.20	-0.107	3.255	-0.012	-1245.7	2011-08-24
H3-INT-003_H3-INT-004	H3-INT-003	H3-INT-004	6.260	-0.42	0.305	1.930	0.049	12240.2	2011-08-24
H3-INT-003A_H3 REGULATOR	H3-INT-003A	H3	5.802	0.04	1.331	3.072	0.229	29839.9	2011-08-24
H3-INT-004_H3-INT-005	H3-INT-004	H3-INT-005	5.518	-0.42	0.294	1.825	0.053	12236.9	2011-08-24
H3-INT-005_H3-INT-006	H3-INT-005	H3-INT-006	1.980	-0.42	0.279	1.925	0.141	12226.1	2011-08-24
H3-INT-006_H3-INT-007	H3-INT-006	H3-INT-007	2.683	-0.43	0.271	1.967	0.101	12209.9	2011-08-24
H3-PA-001_H3-PA-004	H3-PA-001	H3-PA-004	0.359	1.36	0.073	1.957	0.203	820.6	2011-08-24
H3-PA-004_H3-PA-009	H3-PA-004	H3-PA-009	0.760	1.35	0.187	2.500	0.247	2194.1	2011-08-24
H3-PA-009_H3-PA-012	H3-PA-009	H3-PA-012	0.869	1.32	0.258	2.381	0.298	2916.2	2011-08-24
H3-PA-012_H3-03-015	H3-PA-012	H3-03-015	0.549	1.27	0.338	2.478	0.615	3761.1	2011-08-24
H3-PA-025_H1-PA-024	H3-PA-025	H1-PA-024	1.031	1.21	-0.196	2.881	-0.190	-1835.2	2011-08-24
H3-RI-001_H3-RI-002	H3-RI-001	H3-RI-002	0.072	0.31	0.017	1.072	0.230	289.1	2011-08-24
H3-RI-002_H3-RI-003	H3-RI-002	H3-RI-003	0.051	0.29	0.016	1.305	0.322	288.8	2011-08-24
H3-RI-003_H3-RI-006	H3-RI-003	H3-RI-006	0.257	0.28	0.017	3.002	0.068	369.6	2011-08-24
H3-WI-002_H3-WI-005	H3-WI-002	H3-WI-005	1.684	1.32	0.075	2.639	0.044	865.2	2011-08-24
H3-WI-005_H3-WI-010	H3-WI-005	H3-WI-010	0.697	1.32	0.079	3.582	0.113	836.8	2011-08-24
H3-WI-010_H3-05-090	H3-WI-010	H3-05-090	0.642	1.32	0.189	2.659	0.294	2063.7	2011-08-24
H3-WI-022_H3-03-022A	H3-WI-022	H3-03-022A	1.612	1.26	0.454	3.346	0.282	7337.9	2011-08-24
H3-WI-038AB_H1-02-038A	H3-WI-038AB	H1-02-038A	0.493	1.20	0.278	3.316	0.563	4296.2	2011-08-24
H3-WW.1	H3-IC	H3-INT-003	4.965	-0.41	0.297	2.425	0.060	12243.6	2011-08-24
H3-WW_OF-H4-TG2	H3-WW	OF-H4-TG2	3.876	-0.02	1.093	0.761	0.282	17511.1	2011-08-24
H4 REGULATOR_HWF-INT-012	H3-INT-007	HWF-INT-012	1.625	-0.44	0.450	2.005	0.277	20929.3	2011-08-24
H4-04-002_H4-04-003	H4-04-002	H4-04-003	9.290	1.47	0.030	2.792	0.003	134.9	2011-08-24
H4-04-003_H4-04-010	H4-04-003	H4-04-010	11.296	0.17	2.377	0.690	0.210	33938.4	2011-08-24
H4-04-004_H4-04-003	H4-04-004	H4-04-003	11.071	0.30	2.304	0.491	0.208	33560.4	2011-08-24
H4-04-005_H4-04-004	H4-04-005	H4-04-004	4.256	0.47	2.168	0.574	0.509	32279.0	2011-08-24

H4-04-006_H4-04-005	H4-04-006	H4-04-005	17.025	0.58	2.232	0.996	0.131	30325.5	2011-08-24
H4-04-007_H4-04-006	H4-04-007	H4-04-006	8.515	0.61	2.209	0.671	0.259	30330.2	2011-08-24
H4-04-008_H4-04-007	H4-04-008	H4-04-007	3.214	0.76	2.196	0.926	0.683	30262.2	2011-08-24
H4-04-010_H4	H4-04-010	H4	8.466	0.08	2.410	0.645	0.285	34191.5	2011-08-24
H4-07-080_H4-GA-005	H4-07-080	H4-GA-005	6.710	1.00	2.069	1.026	0.308	29669.5	2011-08-24
H4-07-090_H4-07-080	H4-07-090	H4-07-080	5.935	1.04	2.060	1.125	0.347	29631.9	2011-08-24
H4-07-090_H4-07-090A	H4-07-090A	H4-07-090	7.063	1.08	1.614	1.552	0.229	26333.9	2011-08-24
H4-07-100_H4-07-090A	H4-07-100	H4-07-090A	1.016	1.10	0.348	4.780	0.342	5011.4	2011-08-24
H4-07-140_H4-CL-027	H4-07-140	H4-CL-027	5.704	1.13	1.204	1.219	0.211	19715.3	2011-08-24
H4-07-150_H4-07-150A	H4-07-150	H4-07-150A	8.496	1.15	1.106	1.273	0.130	16950.2	2011-08-24
H4-07-150A_H4-07-140	H4-07-150A	H4-07-140	1.367	1.14	1.134	1.231	0.829	17788.6	2011-08-24
H4-07-160_H4-07-150	H4-07-160	H4-07-150	3.764	1.16	1.073	1.277	0.285	15820.7	2011-08-24
H4-07-170_H4-07-160	H4-07-170	H4-07-160	1.661	1.17	1.019	1.824	0.613	13991.6	2011-08-24
H4-07-180_H4-07-170	H4-07-180	H4-07-170	1.873	1.18	0.878	1.847	0.468	9461.4	2011-08-24
H4-07-190_H4-MA-015	H4-07-190	H4-MA-015	1.828	1.19	0.594	1.357	0.325	7123.9	2011-08-24
H4-07-200_H4-07-190	H4-07-200	H4-07-190	1.367	1.19	0.387	1.292	0.283	5250.0	2011-08-24
H4-AD-002_H4-AD-011	H4-AD-010	H4-AD-011	0.704	1.17	0.092	2.050	0.130	765.2	2011-08-24
H4-AD-011_H4-07-160	H4-AD-011	H4-07-160	0.393	1.17	0.147	2.992	0.374	1600.5	2011-08-24
H4-CL-001_H4-CL-004	H4-CL-001	H4-CL-004	0.347	1.24	0.065	2.675	0.188	705.8	2011-08-24
H4-CL-004_H4-CL-009	H4-CL-004	H4-CL-009	0.287	1.23	0.065	1.467	0.227	686.7	2011-08-24
H4-CL-009_H4-CL-013	H4-CL-009	H4-CL-013	0.634	1.21	0.137	1.802	0.216	1408.3	2011-08-24
H4-CL-013_H4-CL-016	H4-CL-013	H4-CL-016	0.391	1.19	0.162	2.431	0.415	1660.1	2011-08-24
H4-CL-016_H4-CL-017	H4-CL-016	H4-CL-017	0.981	1.16	0.190	2.471	0.194	1950.0	2011-08-24
H4-CL-017_H4-07-140	H4-CL-017	H4-07-140	0.761	1.15	0.190	3.513	0.250	1908.2	2011-08-24
H4-CL-018_H4-CL-022	H4-CL-020	H4-CL-022	0.091	1.26	0.077	3.726	0.841	806.2	2011-08-24
H4-CL-022_H4-CL-027	H4-CL-022	H4-CL-027	0.123	1.22	0.140	2.462	1.137	1583.3	2011-08-24
H4-CL-027_H4-07-090A	H4-CL-027	H4-07-090A	8.501	1.12	1.291	1.563	0.152	21510.6	2011-08-24
H4-GA-002_H4-04-008	H4-GA-002	H4-04-008	5.860	0.85	2.187	1.110	0.373	30271.5	2011-08-24
H4-GA-004_H4-GA-002	H4-GA-004	H4-GA-002	3.978	0.91	2.146	1.214	0.539	30028.3	2011-08-24
H4-GA-005_H4-GA-004	H4-GA-005	H4-GA-004	7.585	0.97	2.103	1.223	0.277	29879.1	2011-08-24
H4-GR-009_H4-07-150A	H4-GR-008	H4-07-150A	1.125	1.15	0.087	1.683	0.078	706.0	2011-08-24
H4-GR-010_H4-07-150	H4-GR-010	H4-07-150	0.457	1.16	0.123	2.650	0.269	1097.9	2011-08-24
H4-GR-011_H4-GR-010	H4-GR-011	H4-GR-010	0.481	1.17	0.089	2.728	0.186	755.2	2011-08-24
H4-GR-012_H4-GR-011	H4-GR-012	H4-GR-011	0.325	1.17	-0.025	3.859	-0.075	65.0	2011-08-24
H4-HA-001_H4-07-200	H4-HA-001	H4-07-200	0.641	1.19	0.096	3.410	0.150	801.8	2011-08-24
H4-HA-003_H4-HA-001	H4-HA-003	H4-HA-001	0.287	1.19	0.093	2.908	0.323	711.9	2011-08-24
H4-HA-004_H4-HA-003	H4-HA-004	H4-HA-003	0.346	1.19	-0.009	4.470	-0.027	178.5	2011-08-24
H4-HA-007_H4-HA-004	H4-HA-007	H4-HA-004	0.057	1.19	-0.010	4.284	-0.175	111.2	2011-08-24
H4-HU-001_H4-04-004	H4-HU-001	H4-04-004	14.891	5.88	0.079	1.426	0.005	846.8	2011-08-24
H4-HU-002_H4-HU-001	H4-HU-002	H4-HU-001	0.000	6.23	0.059	0.810		586.5	2011-08-24
H4-JA-002_H1-JA-046	MH-T5-5STB	H1-JA-046	4.494	1.03	-0.177	3.334	-0.039	429.8	2011-08-24
H4-JA-002_H4-JA-003	H4-JA-002	H4-JA-003	0.100	1.09	0.066	7.398	0.657	-413.6	2011-08-24
H4-JA-003_H4-JA-004	H4-JA-003	H4-JA-004	0.090	1.18	0.067	9.848	0.736	-361.8	2011-08-24
H4-JA-004_H4-JA-006	H4-JA-004	H4-JA-006	1.741	1.19	0.182	3.672	0.105	240.2	2011-08-24
H4-JA-006_H4-07-200	H4-JA-006	H4-07-200	1.361	1.19	0.216	2.233	0.159	1687.2	2011-08-24

H4-JA-009_H4-07-200	H4-JA-009	H4-07-200	0.289	1.22	0.238	3.370	0.824	2695.9	2011-08-24
H4-JA-011_H4-JA-009	H4-JA-011	H4-JA-009	0.426	1.23	0.086	4.014	0.203	1042.5	2011-08-24
H4-JE-005_H4-07-170	H4-JE-005	H4-07-170	0.711	1.20	0.258	3.090	0.363	4281.8	2011-08-24
H4-JE-007_H4-JE-005	H4-JE-007	H4-JE-005	0.297	1.24	0.165	3.078	0.556	3250.5	2011-08-24
H4-JE-007_H5-JE-742	H4-JE-007	H5-JE-742	0.343	1.25	-0.128	3.209	-0.373	-2622.2	2011-08-24
H4-MA-001_H4-MA-006	H4-MA-001	H4-MA-006	0.374	1.16	0.249	4.662	0.666	1230.4	2011-08-24
H4-MA-006_H4-07-180	H4-MA-006	H4-07-180	0.375	1.18	0.275	3.859	0.733	2282.6	2011-08-24
H4-MA-008_H4-MA-015	H4-MA-008	H4-MA-015	1.755	1.18	-0.043	4.648	-0.025	-125.9	2011-08-24
H4-MA-015_H4-07-180	H4-MA-015	H4-07-180	6.278	1.18	0.603	1.944	0.096	7207.7	2011-08-24
H4-MO-001_H4-07-190	H4-MO-001	H4-07-190	3.493	1.19	0.167	3.000	0.048	1768.8	2011-08-24
H4-MO-002A_H4-MO-001	H4-MO-002A	H4-MO-001	0.681	1.22	0.165	3.800	0.242	1579.7	2011-08-24
H4-MO-004_H4-MO-002A	H4-MO-004	H4-MO-002A	0.521	1.23	0.104	4.646	0.200	848.6	2011-08-24
H4-PA-005_H4-07-090	H4-PA-004	H4-07-090	1.442	1.12	0.413	2.236	0.286	3076.5	2011-08-24
H4-PA-005_H4-WI-013	H4-PA-005	H4-WI-013	0.925	1.15	0.130	1.928	0.140	849.6	2011-08-24
H4-PA-008_H4-PA-005	H4-PA-008	H4-PA-005	0.129	1.16	0.271	1.193	2.102	2894.2	2011-08-24
H4-PA-011_H4-PA-008	H4-PA-011	H4-PA-008	3.193	1.16	0.189	1.193	0.059	1909.0	2011-08-24
H4-PA-012_H4-PA-011	H4-PA-012	H4-PA-011	0.805	1.17	0.159	1.751	0.197	1210.8	2011-08-24
H4-PA-016_H4-PA-012	H4-PA-016	H4-PA-012	1.896	2.12	0.078	0.809	0.041	816.2	2011-08-24
H4-WI-001_H4-WI-004	H4-WI-001	H4-WI-004	0.401	1.19	0.066	1.657	0.164	732.1	2011-08-24
H4-WI-004_H4-WI-005	H4-WI-004	H4-WI-005	1.077	1.19	0.069	1.106	0.064	731.3	2011-08-24
H4-WI-005_H4-WI-009	H4-WI-005	H4-WI-009	1.047	1.18	0.162	1.520	0.155	1775.9	2011-08-24
H4-WI-009_H4-WI-013	H4-WI-009	H4-WI-013	1.057	1.17	0.260	1.928	0.246	2826.3	2011-08-24
H4-WI-013_H4-07-100	H4-WI-013	H4-07-100	2.223	1.15	0.314	3.832	0.141	4709.4	2011-08-24
H4-WW.2	H4-WW	OF-H4-TG2	0.000	-0.01	2.253	0.587		25430.2	2011-08-24
H5_GC to H5_OF Original	H5_Inflow_Dummy	H5_Outflow_Dummy	0.000	-0.35	1.844	0.805		38865.1	2011-08-24
H5_GC.3	H5-SF	H5_GC	14.198	-0.31	1.846	0.147	0.130	38994.2	2011-08-24
H5_TideGate.1	H5_OF	Outfall6	0.000	-0.61	1.842	0.310		38741.0	2011-08-24
H5_WW.3	H5-WW	H5-SF	0.000	0.05	1.847	0.480		39002.1	2011-08-24
H5-09-444_H5-WA-440	H5-09-444	H5-WA-440	0.264	5.08	0.011	1.309	0.042	115.3	2011-08-24
H5-09-804_H4-MO-004	H5-09-804	H4-MO-004	0.020	1.35	0.013	8.666	0.658	221.0	2011-08-24
H5-10-446_H5-WA-400	H5-10-446	H5-WA-400	0.194	2.70	0.011	3.894	0.057	114.9	2011-08-24
H5-11-010_H5-11-009	H5-11-010	H5-INT-008A	1.098	0.82	1.002	2.143	0.912	27711.5	2011-08-24
H5-11-010_H5-WA-350	H5-11-010	H5-WA-350	2.626	2.07	-0.511	3.297	-0.195	-18652.2	2011-08-24
H5-11-015_H5-11-010	H5-11-015	H5-11-010	1.609	2.58	1.003	1.898	0.623	10497.0	2011-08-24
H5-11-020.1	H5-INT-008A	H5	5.173	0.37	1.002	1.014	0.194	27764.2	2011-08-24
H5-11-316_H5-WA-350	H5-11-316	H5-WA-350	1.781	2.07	0.228	1.279	0.128	2124.2	2011-08-24
H5-11-318_H5-11-316	H5-11-318	H5-11-316	0.497	2.08	0.213	2.165	0.428	1987.9	2011-08-24
H5-11-510_H5-11-009	H5-11-510	H5-11-009	17.063	1.22	0.744	1.261	0.044	21105.1	2011-08-24
H5-11-520_H5-11-510	H5-11-520	H5-11-510	3.626	1.22	0.731	1.264	0.202	20949.2	2011-08-24
H5-11-530_H5-11-520	H5-11-530	H5-11-520	0.000	1.23	0.728	1.226		21029.0	2011-08-24
H5-11-560_H5-11-530	H5-11-560	H5-11-530	10.436	1.23	0.658	1.228	0.063	19135.0	2011-08-24
H5-11-580_H5-11-560	H5-11-580	H5-11-560	6.543	1.23	0.589	0.939	0.090	18260.8	2011-08-24
H5-11-580_H6-PA-582	H5-11-580	H6-PA-582	0.437	1.37	-0.108	8.110	-0.247	-9246.0	2011-08-24
H5-11-620_H5-11-580	H5-11-620	H5-11-580	6.860	1.23	0.436	1.155	0.064	8514.0	2011-08-24
H5-11-620_H5-WI-624	H5-11-620	H5-WI-624	0.963	1.28	-0.208	4.937	-0.216	-2261.7	2011-08-24
H5-11-630_H5-11-620	H5-11-630	H5-11-620	10.118	1.23	0.373	0.861	0.037	6333.6	2011-08-24

H5-11-640_H5-11-630	H5-11-640	H5-11-630	4.380	1.23	0.353	1.129	0.081	5906.8	2011-08-24
H5-11-640A_H7-SIP-006	H5-11-640A	H7-SIP-006	0.914	0.49	0.613	0.918	0.671	34977.9	2011-08-24
H5-11-650_H5-11-640	H5-11-650	H5-11-640	0.000	1.23	0.572	0.792		7780.0	2011-08-24
H5-11-670_H5-11-650	H5-11-670	H5-11-650	1.632	1.23	0.529	1.109	0.324	6405.9	2011-08-24
H5-11-670_H5-GR-678	H5-11-670	H5-GR-678	0.429	1.24	-0.069	3.347	-0.162	-657.1	2011-08-24
H5-11-691_H5-11-670	H5-11-691	H5-11-670	2.929	1.23	0.503	1.625	0.172	4828.1	2011-08-24
H5-11-710_H5-11-691	H5-11-710	H5-11-691	3.752	1.23	0.567	1.153	0.151	5007.1	2011-08-24
H5-11-720_H5-11-710	H5-11-720	H5-11-710	3.751	1.23	0.563	1.136	0.150	4936.1	2011-08-24
H5-11-730_H5-11-720	H5-11-730	H5-11-720	3.001	1.23	0.482	1.110	0.161	4479.8	2011-08-24
H5-11-730_H5-JE-734	H5-11-730	H5-JE-734	0.733	1.23	0.074	3.264	0.101	390.7	2011-08-24
H5-11-750_H5-11-730	H5-11-750	H5-11-730	3.609	1.23	0.465	2.146	0.129	4494.6	2011-08-24
H5-11-780_H5-11-750	H5-11-780	H5-11-750	1.090	1.23	0.203	1.557	0.187	3119.7	2011-08-24
H5-11-780_H5-MO-794	H5-11-780	H5-MO-794	0.737	1.24	-0.175	3.518	-0.237	-1825.0	2011-08-24
H5-11-788_H5-11-780	H5-11-788	H5-11-780	0.787	1.23	0.046	3.066	0.058	651.7	2011-08-24
H5-12-013_H5-HU-012	H5-12-013	H5-HU-012	7.570	1.68	0.043	1.382	0.006	1148.0	2011-08-24
H5-12-594_H5-12-599	H5-12-594	H5-12-599	0.069	1.69	0.048	2.165	0.692	511.4	2011-08-24
H5-12-599_H5-12-602	H5-12-599	H5-12-602	0.433	1.65	0.048	1.088	0.110	511.2	2011-08-24
H5-12-608_H5-12-602	H5-12-608	H5-12-602	0.093	1.59	-0.119	3.234	-1.273	-1282.3	2011-08-24
H5-12-786_H5-MO-784	H5-12-786	H5-MO-784	0.590	1.23	-0.001	2.460	-0.002	46.4	2011-08-24
H5-AD-698_H5-11-691	H5-AD-698	H5-11-691	0.293	1.23	-0.077	2.879	-0.263	-409.9	2011-08-24
H5-AD-712_H5-11-710	H5-AD-712	H5-11-710	0.071	1.23	0.007	5.678	0.105	78.2	2011-08-24
H5-AD-717_H5-11-720	H5-AD-714	H5-11-720	0.051	1.23	0.073	5.553	1.428	475.5	2011-08-24
H5-AT-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.73	0.152	0.579	0.072	1490.4	2011-08-24
H5-BL-334_H5-11-318	H5-BL-334	H5-11-318	0.379	2.09	0.131	2.161	0.346	1183.7	2011-08-24
H5-BL-346_H5-BL-334	H5-BL-346	H5-BL-334	0.533	2.09	0.048	2.095	0.091	442.2	2011-08-24
H5-BL-354_H5-BL-346	H5-BL-354	H5-BL-346	0.136	2.78	0.028	2.559	0.208	309.2	2011-08-24
H5-CL-648_H5-11-640	H5-CL-648	H5-11-640	0.306	1.21	-0.243	3.129	-0.795	-1812.2	2011-08-24
H5-CL-662_H5-11-650	H5-CL-662	H5-11-650	0.427	1.28	0.103	2.772	0.242	1106.7	2011-08-24
H5-CP-071_H5-HU-151	H5-CP-071	H5-HU-151	1.016	6.67	0.365	0.925	0.359	3824.7	2011-08-24
H5-CP-097_H5-CP-071	H5-CP-097	H5-CP-071	1.167	7.42	0.366	0.832	0.313	3826.3	2011-08-24
H5-CP-104_H5-CP-097	H5-CP-104	H5-CP-097	0.245	14.38	0.104	1.715	0.427	1226.8	2011-08-24
H5-CP-112_H5-CP-104	H5-CP-112	H5-CP-104	0.030	14.67	0.034	0.967	1.131	473.0	2011-08-24
H5-CP-112_H5-ST-254	H5-CP-112	H5-ST-254	1.952	14.53	0.245	0.504	0.126	2414.7	2011-08-24
H5-Discharge1	H5_Outflow	H5_Outflow_Dummy	0.000	-0.36	0.000	1.258		0.0	2011-08-24
H5-GA-001A_H6-GA-562	H6-GA-001A	H5-GA-562	0.097	2.12	0.024	0.654	0.248	61.4	2011-08-24
H5-GA-562_H5-11-560	H5-GA-562	H5-11-560	0.899	1.77	0.098	5.256	0.110	838.6	2011-08-24
H5-GR-674_H5-11-670	H5-GR-674	H5-11-670	0.674	1.23	0.037	2.710	0.055	124.8	2011-08-24
H5-GR-682_H5-GR-678	H5-GR-682	H5-GR-678	1.236	1.24	0.069	3.349	0.056	679.7	2011-08-24
H5-GR-684_H5-GR-682	H5-GR-684	H5-GR-682	2.268	1.24	0.045	1.361	0.020	441.4	2011-08-24
H5-GR-688_H5-GR-682	H5-GR-688	H5-GR-682	2.219	1.24	0.003	3.632	0.001	26.5	2011-08-24
H5-HU-007_H5-HU-012	H5-HU-007	H5-HU-012	0.369	1.32	0.076	1.382	0.207	455.8	2011-08-24
H5-HU-007_H6-HU-001	H5-HU-007	H6-HU-001	1.277	1.32	0.058	1.413	0.045	274.3	2011-08-24
H5-HU-010_H5-11-009	H5-HU-010	H5-11-009	0.293	1.23	0.210	2.734	0.717	2830.2	2011-08-24
H5-HU-012_H5-HU-010	H5-HU-012	H5-HU-010	0.638	1.30	0.197	1.821	0.308	2695.3	2011-08-24
H5-HU-015_H5-12-013	H5-HU-015	H5-12-013	0.110	2.29	0.043	0.434	0.390	1148.3	2011-08-24
H5-HU-017_H5-HU-015	H5-HU-017	H5-HU-015	0.088	2.84	0.034	0.841	0.384	368.6	2011-08-24

H5-HU-020_H5-11-015	H5-HU-020	H5-11-015	1.181	3.45	0.944	1.567	0.799	9860.0	2011-08-24
H5-HU-040_H5-HU-020	H5-HU-040	H5-HU-020	1.536	4.29	0.901	1.911	0.587	9245.0	2011-08-24
H5-HU-150A_H5-HU-151	H5-HU-150A	H5-HU-151	1.594	4.73	0.512	0.740	0.321	5191.9	2011-08-24
H5-HU-151_H5-HU-040	H5-HU-151	H5-HU-040	2.415	4.61	0.873	1.677	0.361	9013.0	2011-08-24
H5-HU-200A_H5-HU-150A	H5-HU-200A	H5-HU-150A	1.540	5.43	0.485	0.531	0.315	4878.5	2011-08-24
H5-HU-250_H5-HU-200A	H5-HU-250	H5-HU-200A	1.342	5.99	0.374	0.455	0.279	3693.0	2011-08-24
H5-HU-272_H5-HU-250	H5-HU-272	H5-HU-250	1.408	6.20	0.013	0.467	0.009	124.3	2011-08-24
H5-HW-542_H5-11-530	H5-HW-542	H5-11-530	0.161	1.95	0.151	0.758	0.942	1592.7	2011-08-24
H5-IC.1	H5-IC	11PS	2.666	0.29	0.201	2.867	0.076	14566.9	2011-08-24
H5-INT-001_H5-11-640A	H5-INT-001	H5-11-640A	1.345	0.56	0.613	0.928	0.456	35615.3	2011-08-24
H5-INT-002_H5-INT-001	H5-INT-002	H5-INT-001	2.021	0.60	0.440	1.521	0.218	21436.5	2011-08-24
H5-INT-003_H5-INT-002	H5-INT-003	H5-INT-002	0.000	0.64	0.440	1.080		21459.6	2011-08-24
H5-INT-004_H5-INT-003	H5-INT-004	H5-INT-003	1.551	5.86	0.440	0.364	0.284	21473.9	2011-08-24
H5-INT-004A_H5-INT-004	H5-INT-004A	H5-INT-004	0.982	6.44	0.440	0.617	0.448	21522.1	2011-08-24
H5-INT-004B_H5-INT-004A	H5-INT-004B	H5-INT-004A	1.220	7.12	0.440	0.570	0.361	21581.9	2011-08-24
H5-INT-005_H5-INT-004B	H5-INT-005	H5-INT-004B	0.487	7.46	0.440	0.661	0.904	21634.0	2011-08-24
H5-INT-006_H5-INT-005	H5-INT-006	H5-INT-005	0.000	7.50	0.440	0.701		21699.2	2011-08-24
H5-INT-007_H5-INT-006	H5-INT-007	H5-INT-006	0.740	7.59	0.440	0.736	0.595	21722.8	2011-08-24
H5-INT-007A_H5-INT-007	H5-INT-007A	H5-INT-007	1.246	8.11	0.440	0.711	0.353	21754.3	2011-08-24
H5-INT-008_11th St PS	H5-11-020	H5-INT-001	0.519	0.61	0.173	1.034	0.334	14519.9	2011-08-24
H5-INT-009_H5-INT-008	H5-INT-009	H5-INT-008	0.245	0.31	0.146	2.923	0.598	2493.3	2011-08-24
H5-INT-010_H5-INT-009	H5-INT-010	H5-INT-009	0.806	0.32	0.141	2.998	0.176	2486.2	2011-08-24
H5-JE-734_H5-JE-736A	H5-JE-734	H5-JE-736A	0.814	1.23	0.077	5.076	0.094	504.8	2011-08-24
H5-JE-736A_H7-JE-007	H5-JE-736A	H7-JE-007	0.922	1.22	0.082	4.045	0.089	830.3	2011-08-24
H5-JE-742_H5-11-730	H5-JE-742	H5-11-730	0.298	1.25	0.114	4.551	0.382	11.3	2011-08-24
H5-JK-798_H5-09-804	H5-JK-798	H5-09-804	0.071	1.38	0.013	5.412	0.184	223.2	2011-08-24
H5-JK-798_H5-MO-794	H5-JK-798	H5-MO-794	0.077	1.37	0.029	7.039	0.380	323.1	2011-08-24
H5-MA-754_H5-11-750	H5-MA-754	H5-11-750	0.141	1.23	-0.113	4.281	-0.799	-18.0	2011-08-24
H5-MA-756_H5-MA-754	H5-MA-756	H5-MA-754	0.756	1.21	-0.115	5.285	-0.152	-123.9	2011-08-24
H5-MA-756A_H5-MA-756	H5-MA-756A	H5-MA-756	0.065	1.20	-0.039	6.854	-0.591	-313.9	2011-08-24
H5-MA-762_H5-11-750	H5-MA-762	H5-11-750	1.124	1.22	-0.220	3.545	-0.195	427.1	2011-08-24
H5-MA-762_H5-MA-768	H5-MA-764	H5-MA-768	0.098	1.13	0.036	7.469	0.364	107.7	2011-08-24
H5-MA-768_H4-MA-001	H5-MA-768	H4-MA-001	1.262	1.13	0.169	5.625	0.134	430.5	2011-08-24
H5-MO-784_H5-11-780	H5-MO-784	H5-11-780	1.034	1.23	-0.034	2.453	-0.033	279.1	2011-08-24
H5-MO-794_H4-MO-004	H5-MO-794	H4-MO-004	0.307	1.24	0.054	4.703	0.175	103.6	2011-08-24
H5-SF.3	H5-INT-008	H5-IC	2.555	0.30	0.146	2.849	0.057	2457.0	2011-08-24
H5-SH-052_H5-HU-040	H5-SH-052	H5-HU-040	0.060	4.41	0.018	5.032	0.306	152.4	2011-08-24
H5-ST-078_H5-CP-097	H5-ST-078	H5-CP-097	0.076	8.91	0.203	4.137	2.667	1998.6	2011-08-24
H5-ST-084_H5-ST-078	H5-ST-084	H5-ST-078	0.185	12.38	0.123	5.983	0.666	1175.0	2011-08-24
H5-ST-096_H5-ST-084	H5-ST-096	H5-ST-084	0.125	21.46	0.058	1.441	0.466	567.6	2011-08-24
H5-ST-114_H5-CP-112	H5-ST-114	H5-CP-112	0.104	20.27	0.095	1.451	0.914	911.7	2011-08-24
H5-ST-116_H5-ST-114	H5-ST-116	H5-ST-114	0.118	24.20	0.064	1.517	0.542	605.0	2011-08-24
H5-ST-124_H5-CP-112	H5-ST-124	H5-CP-112	0.085	19.14	0.116	9.364	1.371	1333.9	2011-08-24
H5-ST-128_H5-ST-124	H5-ST-128	H5-ST-124	0.084	20.30	0.104	11.526	1.242	1151.5	2011-08-24
H5-ST-134_H5-ST-128	H5-ST-134	H5-ST-128	0.158	20.76	0.085	10.770	0.536	877.2	2011-08-24

H5-ST-136_H5-ST-134	H5-ST-136	H5-ST-134	0.087	21.33	0.088	11.964	1.015	877.5	2011-08-24
H5-ST-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.73	0.152	0.579	0.072	1490.4	2011-08-24
H5-ST-254_H5-ST-252	H5-ST-254	H5-ST-252	1.967	10.84	0.271	0.376	0.138	2650.6	2011-08-24
H5-WA-350_H5-WA-356	H5-WA-350	H5-WA-356	3.976	2.07	0.294	2.058	0.074	995.0	2011-08-24
H5-WA-356_H6-WA-004	H5-WA-356	H6-WA-004	0.144	2.06	0.067	3.433	0.464	1120.3	2011-08-24
H5-WA-400_H5-WA-350	H5-WA-400	H5-WA-350	1.233	2.08	0.323	1.279	0.262	4351.4	2011-08-24
H5-WA-440_H5-WA-400	H5-WA-440	H5-WA-400	0.397	2.10	0.223	1.558	0.561	3059.8	2011-08-24
H5-WA-480_H5-WA-440	H5-WA-480	H5-WA-440	1.078	2.27	0.174	0.524	0.162	1902.2	2011-08-24
H5-WA-480A_H5-WA-480	H5-WA-480A	H5-WA-480	0.786	2.39	0.042	0.272	0.053	443.4	2011-08-24
H5-WA-490_H5-WA-480	H5-WA-490	H5-WA-480	1.124	2.29	0.069	0.272	0.061	729.2	2011-08-24
H5-WA-490A_H5-WA-490	H5-WA-490A	H5-WA-490	0.732	2.35	0.031	0.235	0.043	336.2	2011-08-24
H5-WI-606_H5-12-602	H5-WI-606	H5-12-602	0.126	1.67	0.039	1.814	0.306	425.0	2011-08-24
H5-WI-612_H5-12-608	H5-WI-612	H5-12-608	0.008	2.31	0.019	9.054	2.488	199.5	2011-08-24
H5-WI-624_H5-12-608	H5-WI-624	H5-12-608	0.219	1.43	-0.208	2.934	-0.952	-2261.9	2011-08-24
H6 REGULATOR_H5-INT-010	H6-IC	H5-INT-010	1.895	0.32	0.142	2.718	0.075	2578.4	2011-08-24
H6-14-001_H6-14-002	H6-14-001	H6-14-002	0.146	1.26	0.069	4.513	0.472	1290.3	2011-08-24
H6-14-002_H6-14-003A	H6-14-002	H6-14-003A	0.204	1.23	0.069	4.069	0.339	1285.4	2011-08-24
H6-14-003_H6-14-006	H6-14-003	H6-14-006	0.613	1.19	0.331	2.256	0.540	4775.5	2011-08-24
H6-14-003A_H6-14-003B	H6-14-003A	H6-14-003B	0.735	1.21	0.069	4.082	0.094	1280.3	2011-08-24
H6-14-003B_H6-14-003	H6-14-003B	H6-14-003	4.700	1.20	0.068	2.179	0.014	1290.1	2011-08-24
H6-14-006_H6-14-008	H6-14-006	H6-14-008	1.659	1.15	0.399	2.047	0.240	5537.7	2011-08-24
H6-14-008_H6-14-010	H6-14-008	H6-14-010	0.742	1.09	0.625	2.059	0.843	9392.8	2011-08-24
H6-14-010A_H6-14-010	H6-14-010A	H6-14-010	0.078	1.54	0.194	6.643	2.499	2703.1	2011-08-24
H6-14-010B_H6-14-010A	H6-14-010B	H6-14-010A	0.046	3.12	0.132	11.419	2.848	1710.2	2011-08-24
H6-14-010C_H6-14-010B	H6-14-010C	H6-14-010B	0.064	4.14	0.104	13.403	1.631	1343.8	2011-08-24
H6-14-020.1	H6-14-020	H6	0.230	0.69	-0.011	3.023	-0.047	-3.4	2011-08-24
H6-GA-001A_H6-GA-005	H6-GA-001A	H6-GA-005	0.161	2.14	0.060	5.061	0.371	734.1	2011-08-24
H6-GA-005_H6-GA-008	H6-GA-005	H6-GA-008	0.091	1.90	0.131	2.811	1.440	1663.5	2011-08-24
H6-GA-008_H6-14-003	H6-GA-008	H6-14-003	0.159	1.27	0.147	4.725	0.928	1873.2	2011-08-24
H6-GA-009_H6-14-003	H6-GA-009	H6-14-003	4.947	1.79	0.067	0.478	0.014	943.8	2011-08-24
H6-HU-001_H6-HU-002	H6-HU-001	H6-HU-003	0.064	1.24	0.076	3.546	1.198	925.2	2011-08-24
H6-HU-001A_H6-HU-001	H6-HU-001A	H6-HU-001	0.087	1.38	0.027	4.566	0.311	329.7	2011-08-24
H6-HU-003_H6-14-010	H6-HU-003	H6-14-010	0.368	1.02	0.082	4.119	0.223	1181.8	2011-08-24
H6-HW-001_H6-14-006	H6-HW-001	H6-14-006	0.199	1.77	0.050	1.692	0.251	586.9	2011-08-24
H6-HW-001A_H5-HW-542	H6-HW-001A	H5-HW-542	0.207	2.31	0.005	0.937	0.023	0.5	2011-08-24
H6-HW-001A_H6-HW-001	H6-HW-001A	H6-HW-001	0.474	2.31	0.000	0.706	0.000	0.5	2011-08-24
H6-PA-001_H6-PA-002	H6-PA-001	H6-PA-002	0.125	1.07	-0.114	2.124	-0.912	-693.7	2011-08-24
H6-PA-002_H6-PA-007	H6-PA-002	H6-PA-007	0.055	1.32	-0.044	4.441	-0.793	112.0	2011-08-24
H6-PA-007_H6-14-001	H6-PA-007	H6-14-001	0.101	1.33	0.054	4.204	0.539	1083.2	2011-08-24
H6-PA-582_H6-PA-588	H6-PA-582	H6-PA-588	0.062	2.95	-0.108	5.049	-1.752	-9249.5	2011-08-24
H6-PA-588_H6-PA-592	H6-PA-588	H6-PA-592	0.631	3.95	-0.215	6.416	-0.340	-9256.1	2011-08-24
H6-PA-592_H6-PA-001	H6-PA-592	H6-PA-001	0.068	0.87	-0.119	1.085	-1.765	-693.3	2011-08-24
H6-WA-004_H6-WA-009	H6-WA-004	H6-WA-009	0.229	1.99	0.148	4.252	0.647	2156.6	2011-08-24
H6-WA-009_H6-WA-010	H6-WA-009	H6-WA-010	0.206	1.83	0.165	4.289	0.800	2938.6	2011-08-24
H6-WA-010_H6-14-008	H6-WA-010	H6-14-008	0.214	1.57	0.165	4.094	0.773	2935.7	2011-08-24
H6WW_Outfall8	H6-WW	H7-15-012D	0.987	0.55	0.845	1.320	0.856	11493.5	2011-08-24

H7 REGULATOR_H7-INT-001	H7-IC	H7-INT-001	2.469	0.33	0.091	2.583	0.037	963.3	2011-08-24
H7-15_Sta0+00.1	H7-15_Sta0+00	H7-15_Sta2+42.5+	0.074	0.38	-0.010	1.659	-0.130	-0.4	2011-08-24
H7-15_Sta2+42.5+.1	H7-15_Sta2+42.5+	H7-15-150	0.075	0.38	-0.022	1.726	-0.292	-1.6	2011-08-24
H7-15-001_H7-15-002	H7-15-001	H7-15-002	4.092	0.91	0.057	1.513	0.014	917.7	2011-08-24
H7-15-001_H7-MA-008	H7-15-001	H7-MA-008	0.280	0.91	-0.047	2.164	-0.167	-814.5	2011-08-24
H7-15-002_H7-15-003	H7-15-002	H7-15-003	5.097	0.91	0.274	1.681	0.054	3968.2	2011-08-24
H7-15-002_H7-JE-003	H7-15-002	H7-JE-003	1.585	0.91	-0.088	4.505	-0.056	-1106.7	2011-08-24
H7-15-003_H7-15-004	H7-15-003	H7-15-004	4.178	0.91	0.359	1.202	0.086	4889.0	2011-08-24
H7-15-003_H7-AD-003	H7-15-003	H7-AD-003	0.097	0.92	-0.088	3.608	-0.910	-917.2	2011-08-24
H7-15-004_H7-15-005	H7-15-004	H7-15-005	2.549	0.90	0.548	0.756	0.215	8816.2	2011-08-24
H7-15-004_H7-GR-010	H7-15-004	H7-GR-010	0.384	0.91	-0.052	2.829	-0.136	-1473.7	2011-08-24
H7-15-005_H7-15-006	H7-15-005	H7-15-006	2.721	0.87	0.983	0.772	0.361	14694.0	2011-08-24
H7-15-005_H7-CL-010	H7-15-005	H7-CL-010	0.785	1.01	-0.287	3.942	-0.366	-2927.7	2011-08-24
H7-15-006_H7-15-007	H7-15-006	H7-15-007	1.329	0.81	1.031	1.702	0.775	15301.6	2011-08-24
H7-15-007_H7-15-008	H7-15-007	H7-15-008	1.566	0.68	1.445	0.954	0.922	20698.0	2011-08-24
H7-15-008_H7-15-009	H7-15-008	H7-15-009	0.243	0.54	1.443	0.532	5.951	20690.8	2011-08-24
H7-15-009_H7-15-012B1	H7-15-009	H7-15-012B1	4.936	0.50	1.570	0.652	0.318	22253.1	2011-08-24
H7-15-010.1	H7-15-010	H7	0.124	0.38	-0.028	2.816	-0.229	-113.6	2011-08-24
H7-15-012B_H7-15-012D	H7-15-012B	H7-15-012D	9.189	0.31	1.556	0.566	0.169	22140.0	2011-08-24
H7-15-012B1_H7-15-012B	H7-15-012B1	H7-15-012B	8.391	0.46	1.635	0.976	0.195	22548.7	2011-08-24
H7-15-100.1	H7-15-100	H7-15-010	0.056	0.39	-0.027	2.647	-0.486	-99.4	2011-08-24
H7-15-110.1	H7-15-110	H7-15-100	0.147	0.38	-0.027	2.525	-0.185	-46.4	2011-08-24
H7-15-150.1	H7-15-150	H7-15-991	0.049	0.38	-0.026	2.278	-0.528	-21.8	2011-08-24
H7-15-991.1	H7-15-991	H7-15-110	0.049	0.38	-0.027	2.311	-0.543	-36.9	2011-08-24
H7-AD-001_H7-AD-002	H7-AD-001	H7-AD-002	0.674	0.91	0.004	3.341	0.007	191.7	2011-08-24
H7-AD-002_H7-15-003	H7-AD-002	H7-15-003	0.830	0.91	-0.006	4.103	-0.007	143.5	2011-08-24
H7-AD-003_H7-AD-004	H7-AD-003	H7-AD-004	0.344	0.92	-0.086	4.140	-0.250	-776.9	2011-08-24
H7-AD-004_H7-AD-005	H7-AD-004	H7-AD-005	0.641	0.93	-0.085	4.030	-0.133	-813.8	2011-08-24
H7-AD-005_H7-AD-006	H7-AD-005	H7-AD-006	0.098	1.13	-0.085	5.362	-0.872	-825.9	2011-08-24
H7-AD-006_H5-AD-698	H7-AD-006	H5-AD-698	0.191	1.22	-0.082	4.565	-0.432	-690.8	2011-08-24
H7-CL-001_H7-CL-004	H7-CL-001	H7-CL-004	0.054	0.90	0.058	3.830	1.084	561.2	2011-08-24
H7-CL-004_H7-CL-006	H7-CL-004	H7-CL-006	0.651	0.91	0.119	2.956	0.182	1571.2	2011-08-24
H7-CL-006_H7-15-005	H7-CL-006	H7-15-005	0.482	0.91	0.183	3.762	0.379	2561.0	2011-08-24
H7-CL-010_H5-CL-648	H7-CL-010	H5-CL-648	0.206	1.09	-0.260	3.872	-1.261	-2311.6	2011-08-24
H7-GR-001_H7-GR-003	H7-GR-001	H7-GR-003	0.074	1.02	-0.033	8.310	-0.441	21.1	2011-08-24
H7-GR-003_H7-GR-004	H7-GR-003	H7-GR-004	0.058	0.99	0.082	2.568	1.422	1262.6	2011-08-24
H7-GR-004_H7-GR-005	H7-GR-004	H7-GR-005	0.739	0.94	0.114	2.552	0.154	1802.3	2011-08-24
H7-GR-005_H7-GR-006	H7-GR-005	H7-GR-006	1.249	0.93	0.111	2.453	0.089	1782.5	2011-08-24
H7-GR-006_H7-15-004	H7-GR-006	H7-15-004	0.239	0.92	0.147	2.194	0.616	2392.6	2011-08-24
H7-GR-010_H7-GR-013	H7-GR-010	H7-GR-013	0.084	1.20	-0.052	7.313	-0.615	-1491.7	2011-08-24
H7-GR-013_H5-GR-674	H7-GR-013	H5-GR-674	0.559	1.23	-0.049	4.577	-0.087	-1347.4	2011-08-24
H7-INT-001_H6-INT-002	H7-INT-001	H6-IC	0.584	0.33	0.091	2.778	0.156	927.6	2011-08-24
H7-JE-001_H7-15-002	H7-JE-001	H7-15-002	1.178	0.93	0.147	3.026	0.125	2129.5	2011-08-24
H7-JE-003_H7-JE-004	H7-JE-003	H7-JE-004	0.424	0.92	-0.085	3.943	-0.201	-986.1	2011-08-24
H7-JE-006_H7-JE-004	H7-JE-006	H7-JE-004	0.413	0.94	0.085	3.630	0.205	995.9	2011-08-24
H7-JE-007_H7-JE-006	H7-JE-007	H7-JE-006	0.090	1.08	0.085	8.991	0.943	1017.5	2011-08-24

H7-MA-001_H7-MA-002	H7-MA-001	H7-MA-002	0.048	0.91	0.001	3.484	0.014	31.1	2011-08-24
H7-MA-002_H7-MA-004	H7-MA-002	H7-MA-004	0.044	0.91	-0.002	3.547	-0.043	31.1	2011-08-24
H7-MA-003_H7-MA-004	H7-MA-003	H7-MA-004	0.044	0.91	0.002	3.547	0.035	111.3	2011-08-24
H7-MA-004_H7-MA-006	H7-MA-004	H7-MA-006	0.043	0.91	-0.004	4.066	-0.095	141.5	2011-08-24
H7-MA-006_H7-15-001	H7-MA-006	H7-15-001	0.641	0.91	-0.006	2.342	-0.009	140.0	2011-08-24
H7-MA-008_H5-MA-756A	H7-MA-008	H5-MA-756A	0.036	1.11	-0.041	5.556	-1.145	-412.1	2011-08-24
H7-PA-001_H7-PA-004	H7-PA-001	H7-PA-004	0.056	1.01	0.011	5.576	0.190	116.6	2011-08-24
H7-PA-004_H7-PA-005	H7-PA-004	H7-PA-005	0.072	0.83	0.087	1.351	1.209	886.1	2011-08-24
H7-PA-005_H7-PA-007	H7-PA-005	H7-PA-007	0.065	0.73	-0.036	3.500	-0.551	-371.4	2011-08-24
H7-PA-007B_H7-PA-007	H7-PA-007B	H7-PA-007	3.730	0.76	0.010	1.607	0.003	89.3	2011-08-24
H7-PA-011_H7-15-009	H7-PA-011	H7-15-009	0.087	1.00	0.064	3.710	0.735	994.6	2011-08-24
H7-SIP-006_H7-SIP-005	H7-SIP-006	WWTP	0.000	0.15	0.613	0.395		34957.2	2011-08-24
H7-WI-001_H7-WI-002	H7-WI-001	H7-WI-002	0.101	1.44	0.057	2.499	0.560	677.2	2011-08-24
H7-WI-002_H7-WI-003	H7-WI-002	H7-WI-003	0.274	1.42	0.064	2.733	0.232	743.6	2011-08-24
H7-WI-003_H7-WI-004	H7-WI-003	H7-WI-004	0.231	1.39	0.063	4.608	0.275	736.4	2011-08-24
H7-WI-004_H7-WI-005	H7-WI-004	H7-WI-005	0.133	1.36	0.063	2.886	0.477	729.8	2011-08-24
H7-WI-005_H7-WI-009	H7-WI-005	H7-WI-009	0.190	1.35	0.063	3.433	0.335	719.2	2011-08-24
H7-WI-007_H7-WI-009	H7-WI-007	H7-WI-009	0.065	1.47	0.036	6.008	0.559	506.8	2011-08-24
H7-WI-009_H7-15-007	H7-WI-010	H7-15-007	0.287	1.06	0.209	2.474	0.725	2831.4	2011-08-24
H7-WI-013_H7-15-007	H7-WI-013	H7-15-007	0.713	0.81	0.140	2.474	0.196	1799.0	2011-08-24
H7-WI-014A_H7-WI-014	H7-WI-014A	H7-WI-013	0.989	0.82	0.109	2.105	0.110	1305.4	2011-08-24
H7-WI-015_H7-15-006	H7-WI-015	H7-15-006	0.418	0.87	0.031	2.648	0.075	443.3	2011-08-24
H7-WI-017_H7-WI-014A	H7-WI-017	H7-WI-014A	0.827	0.83	0.094	2.106	0.113	1136.4	2011-08-24
H7-WI-017B_H7-WI-017	H7-WI-017B	H7-WI-017	0.100	0.86	0.021	3.252	0.208	258.8	2011-08-24
H7-WI-019_H7-WI-017	H7-WI-019	H7-WI-017	0.252	0.85	0.009	1.778	0.035	98.4	2011-08-24
H7-WW.1	H7-WW	H7-15-012B	0.000	0.38	-0.095	0.608		-1006.2	2011-08-24
HHA-FM_DITCH	HHA-FM	HHA-OF	0.156	7.60	0.317	23.705	2.038	6526.0	2011-08-24
HSI.1	HSI	SPS	0.309	0.94	0.051	0.276	0.166	916.9	2011-08-24
HSI-05-002A_HSI-05-002	HSI-05-002A	HSI-05-002	0.264	5.34	0.081	2.361	0.308	928.5	2011-08-24
HSI-05-010.1	HSI-05-010	HSI	0.590	3.43	0.340	0.545	0.577	3810.2	2011-08-24
HSI-RI-001_HSI-RI-003A	HSI-RI-001	HSI-RI-003A	0.268	12.69	0.064	1.158	0.239	769.0	2011-08-24
HSI-RI-003A_HSI-RI-008	HSI-RI-003A	HSI-RI-008	0.303	11.16	0.193	1.070	0.637	2122.2	2011-08-24
HSI-RI-004A_HSI-RI-003A	HSI-RI-004A	HSI-RI-003A	0.117	13.98	0.115	1.737	0.978	1183.4	2011-08-24
HSI-RI-004AV_HSI-RI-004A	HSI-RI-004AV	HSI-RI-004A	0.000	15.11	0.082	7.072		847.2	2011-08-24
HSI-RI-004B_HSI-RI-004AV	HSI-RI-004B	HSI-RI-004AV	0.000	16.41	0.082	13.486		847.5	2011-08-24
HSI-RI-004C_HSI-RI-004B	HSI-RI-004C	HSI-RI-004B	0.000	17.36	0.036	18.173		345.6	2011-08-24
HSI-RI-004E_HSI-RI-004B	HSI-RI-004E	HSI-RI-004B	0.000	19.00	0.048	26.213		502.7	2011-08-24
HSI-RI-004H_HSI-RI-004A	HSI-RI-004H	HSI-RI-004A	0.182	15.30	0.033	2.452	0.183	336.8	2011-08-24
HSI-RI-008_HSI-05-002	HSI-RI-008	HSI-05-002	0.478	7.70	0.250	1.889	0.523	2774.5	2011-08-24
HWF-INT-012_HWF-INT-013	HWF-INT-012	SPS	1.537	-0.45	0.435	2.089	0.283	20901.6	2011-08-24
HWF-INT-016A_H5-INT-007A	HWF-INT-016A	H5-INT-007A	0.267	8.71	0.440	1.048	1.650	21796.7	2011-08-24
Link_10	Node_77	Outfall8	10.635	-0.79	2.417	0.327	0.227	33625.2	2011-08-24
Link_103	H4-IC	H3-INT-007	2.656	-0.43	0.203	2.109	0.077	8753.4	2011-08-24
Link_11	H6-14-010	H6	1.117	0.89	0.894	1.479	0.800	13240.7	2011-08-24
Link_110	HSI-OF	HWF-INT-016	5.961	0.19	0.304	0.304	0.051	2894.1	2011-08-24

Link_112	Node_32	Node_61	2.333	0.72	0.310	0.782	0.133	3188.3	2011-08-24
Link_113	Node_45	Node_64	149.390	-0.73	5.904	0.127	0.040	89282.8	2011-08-24
Link_115	Node_62	Node_40	777.648	-1.05	5.898	0.115	0.008	88976.2	2011-08-24
Link_116	Node_66	Node_39	483.665	-1.05	0.604	0.588	0.001	13879.7	2011-08-24
Link_12	Node_75	Node_10	3.277	-1.05	0.173	1.443	0.053	1975.1	2011-08-24
Link_120	H5_GC	H5_Inflow_Dummy	0.000	-0.32	1.845	0.826		38942.3	2011-08-24
Link_121	H5_Outflow_Dummy	H5_OF	0.000	-0.36	1.843	0.799		38790.9	2011-08-24
Link_128	H7-PA-005	Node_74	2.723	0.40	0.173	0.480	0.064	1975.1	2011-08-24
Link_131	H7-15-012D	Node_76	12.682	-0.19	2.624	0.632	0.207	33624.6	2011-08-24
Link_133	14VO-14-007	Node_78	0.417	1.36	0.271	0.587	0.651	3582.0	2011-08-24
Link_135	Node_80	5	0.000	-0.22	3.629	0.456		45819.6	2011-08-24
Link_137	Outfall3Gate2	Outfall3	2.174	-0.76	1.078	0.497	0.496	15416.7	2011-08-24
Link_138	OF-H1-V2	HWF-OB-001	0.603	-0.42	2.127	0.952	3.530	26102.2	2011-08-24
Link_139	H4-PA-004	H4-PA-005	1.720	1.14	-0.413	1.643	-0.240	-3067.2	2011-08-24
Link_140	H1-HA-130	PR_DH_MH1	0.559	1.14	-0.077	1.812	-0.138	3.0	2011-08-24
Link_143	RG-3	H2-WA-005A	1.342	5.00	0.000	0.103	0.000	7.8	2011-08-24
Link_166	HHA-OF	Node_92	10.895	2.71	0.415	0.271	0.038	6448.0	2011-08-24
Link_167	Node_92	Node_34	18.012	2.57	1.193	0.537	0.066	16205.3	2011-08-24
Link_168	H1-OB-122A	MH-T7-OBS	1.169	1.09	0.523	2.936	0.448	5361.6	2011-08-24
Link_170	H1-OB-101	MH-T5-OBS	0.357	1.12	0.304	3.391	0.850	5950.2	2011-08-24
Link_171	T5-OBS_A	MH-T5-OBS	0.106	1.03	0.097	8.103	0.922	74.7	2011-08-24
Link_173	H1-OB-080A	H1-OB-077	3.082	1.01	2.042	2.228	0.663	48996.9	2011-08-24
Link_175	MH-T6-NEW	H1-NE-029A	1.182	1.11	0.356	2.948	0.301	5274.1	2011-08-24
Link_177	H1-JA-034	MH-T2-2STB	1.267	1.10	0.390	4.808	0.308	3632.8	2011-08-24
Link_183	Node_118	T2-4ST	0.000	1.20	0.000	0.649		0.0	2011-08-24
Link_203	H4-JA-002	MH-T5-5STB	6.157	1.03	0.066	2.468	0.011	440.3	2011-08-24
Link_241	H5-MA-762	H5-MA-764	0.098	1.16	0.064	4.807	0.651	71.0	2011-08-24
Link_246	H1-MA-048	H1-MA-044	0.530	1.20	0.168	3.242	0.317	2217.8	2011-08-24
Link_257	H1-JE-023	H1-01-080	0.121	1.16	0.657	1.765	5.438	11852.8	2011-08-24
Link_260	H5-AD-717	H5-AD-714	0.051	1.29	0.034	5.405	0.661	440.7	2011-08-24
Link_263	H4-AD-002	H4-AD-010	0.704	1.17	0.060	2.012	0.085	642.8	2011-08-24
Link_266	H1-AD-048	H1-AD-043	0.585	1.27	0.191	2.660	0.327	2268.1	2011-08-24
Link_272	H4-GR-009	H4-GR-008	1.125	1.15	0.060	1.446	0.054	658.6	2011-08-24
Link_277	H1-GR-046	H1-GR-038	0.504	1.27	0.160	2.647	0.317	1392.6	2011-08-24
Link_294	H3-05-090	H3-WI-015	0.881	1.30	0.350	3.587	0.397	6291.0	2011-08-24
Link_296	H7-WI-009	H7-WI-010	0.287	1.24	0.209	2.118	0.726	2730.5	2011-08-24
Link_300	H4-CL-018	H4-CL-020	0.091	1.28	0.070	3.783	0.767	781.8	2011-08-24
Link_307	H1-GA-017	H1-GA-012	1.135	0.89	0.720	1.635	0.634	10445.4	2011-08-24
Link_312	Node_91	HHA-OF	10.895	2.72	0.099	0.125	0.009	-6.3	2011-08-24
Link_314	T7-OBS	T7OBS-Weir-Dummy	0.000	1.07	0.074	1.397		52.9	2011-08-24
Link_34	Node_30	Node_31	19.937	1.09	-0.016	0.183	-0.001	-100.6	2011-08-24
Link_35	Node_61	Node_33	2.333	0.64	0.309	0.243	0.133	3133.1	2011-08-24
Link_36	Node_67	Node_32	0.469	0.76	0.128	2.824	0.274	1398.0	2011-08-24
Link_38	Node_31	Node_35	0.253	1.17	-0.095	1.028	-0.376	-1121.7	2011-08-24
Link_382	NJT-OVERFLOW	Node_37	0.830	1.10	0.603	0.490	0.726	14354.0	2011-08-24
Link_39	Node_35	Node_36	0.820	2.03	-0.386	0.468	-0.471	-1747.6	2011-08-24

Link_4	H2-OF	Outfall3Gate1	1.429	-0.23	1.080	1.012	0.756	15429.1	2011-08-24
Link_40	Node_36	NJT-OVERFLOW	0.843	1.47	0.603	0.614	0.715	14363.9	2011-08-24
Link_41	Node_37	Node_38	9.091	0.76	0.604	1.656	0.066	14112.2	2011-08-24
Link_43	Node_32	Node_31	5.051	1.08	-0.141	0.238	-0.028	-1478.6	2011-08-24
Link_44	Node_38	Node_65	850.000	0.13	0.604	0.471	0.001	14005.4	2011-08-24
Link_45	Node_34	Node_36	3.917	1.65	0.989	0.785	0.252	16176.6	2011-08-24
Link_48	Node_33	Node_43	39.108	0.37	0.342	0.144	0.009	3525.2	2011-08-24
Link_49	Node_43	Node_44	56.902	0.04	0.342	0.118	0.006	3522.0	2011-08-24
Link_50	Node_44	Node_45	107.686	-0.44	0.396	0.159	0.004	4197.8	2011-08-24
Link_6	H3-RI-006	H3-INT-003A	15.996	0.21	1.438	1.469	0.090	31114.4	2011-08-24
Link_8	HSI-05-002	HSI-05-010	0.339	3.87	0.340	0.913	1.003	3810.4	2011-08-24
Link_9	H5-11-009	H5	1.145	0.51	0.883	2.416	0.771	23914.7	2011-08-24
New2	H2-IC	H2-INT-007	3.413	0.19	0.085	1.901	0.025	337.6	2011-08-24
New3	HWF-INT-016	OF-H4-TG2	5.961	-0.02	0.298	0.586	0.050	2893.9	2011-08-24
OF-H4-TG2.1	OF-H4-TG2	outfall5-tg	3.415	-0.07	3.631	0.767	1.063	45825.0	2011-08-24
RG-1_H2-03-020	RG-1	H2-03-020	0.600	2.15	-0.044	1.227	-0.073	-84.6	2011-08-24
RG-10_H5-WA-440	RG-10	H5-WA-440	0.915	2.09	-0.076	2.485	-0.083	110.7	2011-08-24
RG-11_H5-WA-400	RG-11	H5-WA-400	0.944	2.08	-0.039	2.610	-0.041	128.8	2011-08-24
RG-12_H5-WA-400	RG-12	H5-WA-400	0.944	2.09	-0.098	2.611	-0.104	119.5	2011-08-24
RG-13_H5-WA-350	RG-13	H5-WA-350	0.949	1.94	0.179	3.308	0.189	135.1	2011-08-24
RG-14_H5-WA-356	RG-14	H5-WA-356	0.954	1.91	-0.241	3.141	-0.253	71.8	2011-08-24
RG-15_H6-WA-004	RG-15	H6-WA-004	0.900	1.99	0.073	2.648	0.082	141.3	2011-08-24
RG-2_H2-WA-005A	RG2	H2-WA-005A	1.342	5.01	0.001	0.103	0.001	48.9	2011-08-24
RG-4_H2-WA-007	RG-4	H2-WA-007	1.643	6.51	0.001	0.018	0.000	8.8	2011-08-24
RG-5_H2-WA-009	RG-5	H2-WA-009	1.375	6.51	0.002	0.470	0.001	68.8	2011-08-24
RG-6_H2-WA-011	RG-6	H2-WA-011	1.342	7.00	0.000	0.011	0.000	9.2	2011-08-24
RG-7_H5-WA-490	RG-7	H5-WA-490	0.915	3.17	0.019	0.215	0.020	200.8	2011-08-24
RG-8_H5-WA-480	RG-8	H5-WA-480	0.915	3.05	0.010	0.455	0.011	130.7	2011-08-24
RG-9_H5-WA-440	RG-9	H5-WA-440	0.977	2.11	0.008	2.524	0.009	124.1	2011-08-24
T10-MAD_A_H5-MA-764	T10-MAD_A	H5-MA-764	0.100	0.97	0.093	7.802	0.938	42.0	2011-08-24
T10-MAD-DUMMY	T10-MAD-DUMMY	T10-MAD	0.000	0.96	0.000	1.732		0.0	2011-08-24
T11-MAD_A_H5-MA-768	T11-MAD_A	H5-MA-768	0.079	1.09	0.107	9.425	1.355	26.4	2011-08-24
T11-MAD-DUMMY	T11-MAD-DUMMY	T11-MAD	0.000	1.09	0.000	1.272		0.0	2011-08-24
T15-MAD_A_H1-MA-044	T15-MAD_A	H1-MA-044	0.086	1.20	0.024	7.831	0.278	41.7	2011-08-24
T15-MAD-DUMMY	T15-MAD-DUMMY	T15-MAD	0.000	1.70	0.000	0.005		0.0	2011-08-24
T16-MAD_A_H1-MA-041	T16-MAD_A	H1-MA-041	0.079	1.19	-0.075	7.731	-0.956	34.2	2011-08-24
T16-MAD-DUMMY	T16-MAD-DUMMY	T16-MAD	0.000	1.44	0.000	0.005		0.0	2011-08-24
T1-7ST_A_H4-07-190	T1-7ST_A	H4-07-190	0.079	1.11	0.098	7.293	1.239	23.1	2011-08-24
T1-7ST-DUMMY	T1-7ST-DUMMY	T1-7ST	0.000	1.40	0.000	0.005		0.0	2011-08-24
T1-7ST-WEIR-DUMMY	T1-7ST	T1-7ST-WEIR-DUMMY	0.000	1.11	0.097	1.295		35.6	2011-08-24
T1-GAR_A_H4-04-008	T1-GAR_A	H4-04-008	0.093	0.80	0.009	4.538	0.098	50.7	2011-08-24
T1-GAR-DUMMY	T1-GAR-DUMMY	T1-GAR	0.000	2.40	0.000	0.005		0.0	2011-08-24
T1-HAR_A_H4-HA-003	T1-HAR_A	H4-HA-003	0.079	1.18	0.079	5.723	0.997	89.0	2011-08-24
T1-HAR-DUMMY	T1-HAR-DUMMY	T1-HAR	0.000	1.40	0.000	0.005		0.0	2011-08-24
T1-NEW_A_H1-NE-003	T1-NEW_A	H1-NE-003	0.035	0.91	0.136	6.924	3.876	34.0	2011-08-24
T1-NEW-DUMMY	T1-NEW-DUMMY	T1-NEW	0.000	0.88	0.000	0.504		0.0	2011-08-24

T1-NEW-WEIR-DUMMY	T1-NEW	T1-NEW-WEIR-DUMMY	0.000	0.88	0.136	1.349		47.5	2011-08-31
T2-2ST_A_MH-T2-2STB	T2-2ST_A	MH-T2-2STB	0.149	1.07	-0.084	10.841	-0.563	11.5	2011-08-31
T2-2ST-DUMMY	T2-2ST-DUMMY	T2-2ST	0.000	1.10	0.000	0.005		0.0	2011-08-31
T2-2ST-WEIR-DUMMY	T2-2ST	T2-2ST-WEIR-DUMMY	0.000	1.07	-0.084	1.282		37.1	2011-08-31
T2-4ST_A_H1-CL-036	T2-4ST_A	H1-CL-036	0.152	1.20	0.094	6.710	0.618	77.2	2011-08-31
T2-5ST_A_H1-AD-042	T2-5ST_A	H1-AD-042	0.153	1.24	0.063	6.728	0.413	50.1	2011-08-31
T2-5ST-DUMMY	T2-5ST-DUMMY	T2-5ST	0.000	1.50	0.000	0.005		0.0	2011-08-31
T2-6ST_A_H1-JE-050	T2-6ST_A	H1-JE-050	0.186	1.20	0.090	7.200	0.481	46.9	2011-08-31
T2-6ST-DUMMY	T2-6ST-DUMMY	T2-6ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T2-7ST_A_H4-07-200	T2-7ST_A	H4-07-200	0.086	1.19	-0.040	7.485	-0.459	4.7	2011-08-31
T2-7ST-DUMMY	T2-7ST-DUMMY	T2-7ST	0.000	1.80	0.000	0.005		0.0	2011-08-31
T2-BLM_A_H4-04-007	T2-BLM_A	H1-BL-037	0.079	2.04	0.010	3.974	0.122	79.3	2011-08-31
T2-BLM-DUMMY	T2-BLM-DUMMY	T2-BLM	0.000	3.50	0.000	0.005		0.0	2011-08-31
T2-JAC_A_H4-JA-006	T2-JAC_A	H4-JA-006	0.079	1.17	0.071	5.768	0.901	50.5	2011-08-31
T2-JAC-DUMMY	T2-JAC-DUMMY	T2-JAC	0.000	1.40	0.000	0.005		0.0	2011-08-31
T2-MON_A_H5-MO-794	T2-MON_A	H5-MO-794	0.086	1.20	0.103	7.028	1.193	73.6	2011-08-31
T2-MON-DUMMY	T2-MON-DUMMY	T2-MON	0.000	1.20	0.000	0.591		0.0	2011-08-31
T3-3ST_A_H1-03-170	T3-3ST_A	H1-03-170	0.079	1.09	0.112	9.371	1.426	25.3	2011-08-31
T3-3ST-DUMMY	T3-3ST-DUMMY	T3-3ST	0.000	1.08	0.000	0.543		0.0	2011-08-31
T3-3ST-WEIR-DUMMY	T3-3ST	T3-3ST-WEIR-DUMMY	0.000	1.08	0.112	1.415		42.4	2011-08-31
T3-4ST_A_H1-AD-039	T3-4ST_A	H1-AD-039	0.122	1.22	0.089	6.837	0.728	48.1	2011-08-31
T3-4ST-DUMMY	T3-4ST-DUMMY	T3-4ST	0.000	1.32	0.000	0.005		0.0	2011-08-31
T3-6ST_A_H1-MA-048	T3-6ST_A	H1-MA-048	0.172	1.19	-0.068	7.976	-0.396	5.5	2011-08-31
T3-6ST-DUMMY	T3-6ST-DUMMY	T3-6ST	0.000	1.40	0.000	0.005		0.0	2011-08-31
T3-ADM_A_H5-AD-714	T3-ADM_A	H5-AD-714	0.086	1.21	0.063	6.258	0.735	37.4	2011-08-31
T3-ADM-DUMMY	T3-ADM-DUMMY	T3-ADM	0.000	1.55	0.000	0.005		0.0	2011-08-31
T3-GND-DUMMY	T3-GND-DUMMY	T3-GND	0.000	1.83	0.000	0.005		0.0	2011-08-31
T3-JAC_A_H4-JA-004	T3-JAC_A	H4-JA-004	0.093	1.08	0.114	8.233	1.227	31.8	2011-08-31
T3-JAC-DUMMY	T3-JAC-DUMMY	T3-JAC	0.000	1.13	0.000	0.005		0.0	2011-08-31
T3-OBS_A_H1-OB-080A	T3-OBS_A	H1-OB-080A	0.109	1.01	0.103	6.654	0.945	239.5	2011-08-31
T3-OBS-DUMMY	T3-OBS-DUMMY	T3-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
T3-OBS-WEIR-DUMMY	T3-OBS	T3-BS-WEIR-DUMMY	0.000	1.01	0.103	1.396		248.0	2011-08-31
T4-4ST_A_H1-MA-038	T4-4ST_A	H1-MA-038	0.130	1.03	-0.099	11.760	-0.763	-3.2	2011-08-31
T4-4ST-DUMMY	T4-4ST-DUMMY	T4-4ST	0.000	1.03	0.000	0.654		0.0	2011-08-31
T4-5ST_A_H1-MA-041	T4-5ST_A	H1-MA-041	0.145	1.15	0.096	7.971	0.661	34.3	2011-08-31
T4-5ST-DUMMY	T4-5ST-DUMMY	T4-5ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T4-6ST_A_H1-MO-057	T4-6ST_A	H1-MO-057	0.141	1.12	-0.125	11.859	-0.890	-39.3	2011-08-31
T4-6ST-DUMMY	T4-6ST-DUMMY	T4-6ST	0.000	1.13	0.000	0.005		0.0	2011-08-31
T4-GND_A_H4-GR-008	T4-GND_A	H4-GR-008	0.086	1.15	0.041	4.490	0.475	49.5	2011-08-31
T4-GND-DUMMY	T4-GND-DUMMY	T4-GND	0.000	1.72	0.000	0.005		0.0	2011-08-31
T5-5ST_A_H1-JA-046	T5-5ST_A	MH-T5-5STB	0.141	1.03	0.090	10.049	0.641	74.1	2011-08-31
T5-5ST-DUMMY	T5-5ST-DUMMY	T5-5ST	0.000	1.05	0.000	0.005		0.0	2011-08-31
T5-9ST_A_H4-GR-012	T5-9ST_A	H4-GR-012	0.149	1.17	-0.028	6.761	-0.188	21.5	2011-08-31
T5-9ST-DUMMY	T5-9ST-DUMMY	T5-9ST	0.000	1.83	0.000	0.005		0.0	2011-08-31
T5-GND_A_H1-GR-054	T5-GND_A	H1-GR-054	0.079	1.26	0.080	8.251	1.014	45.0	2011-08-31

T5-GND-DUMMY	T5-GND-DUMMY	T5-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T5-JAC_A_H1-JA-043	T5-JAC_A	H1-JA-043	0.100	0.96	0.169	10.766	1.697	66.7	2011-08-24
T5-JAC-DUMMY	T5-JAC-DUMMY	T5-JAC	0.000	0.96	0.000	1.387		0.0	2011-08-24
T5-JEF_A_H5-11-730	T5-JEF_A	H5-11-730	0.078	1.23	-0.057	7.219	-0.732	31.4	2011-08-24
T5-JEF-DUMMY	T5-JEF-DUMMY	T5-JEF	0.000	1.70	0.000	0.005		0.0	2011-08-24
T5-OBS-DUMMY	T5-OBS-DUMMY	T5-OBS	0.006	1.03	0.000	0.192	0.002	0.0	2011-08-24
T5-OBS-WEIR-DUMMY	T5-OBS	T5-OBS-WEIR-DUMMY	0.000	1.03	0.097	1.420		86.9	2011-08-24
T6-4ST_A_H1-HA-141	T6-4ST_A	H1-HA-141	0.035	1.03	0.077	5.032	2.179	56.6	2011-08-24
T6-4ST-DUMMY	T6-4ST-DUMMY	T6-4ST	0.000	1.10	0.000	0.005		0.0	2011-08-24
T6-5ST_A_H1-MO-047	T6-5ST_A	H1-MO-047	0.153	1.12	-0.113	12.084	-0.736	-16.9	2011-08-24
T6-5ST-DUMMY	T6-5ST-DUMMY	T6-5ST	0.000	1.14	0.000	0.005		0.0	2011-08-24
T6-ADM_A_H4-AD-010	T6-ADM_A	H4-AD-010	0.085	1.17	0.050	4.771	0.593	127.0	2011-08-24
T6-ADM-DUMMY	T6-ADM-DUMMY	T6-ADM	0.000	1.63	0.000	0.005		0.0	2011-08-24
T6-GND_A_H1-GR-045	T6-GND_A	H1-GR-046	0.101	1.26	0.058	6.638	0.578	61.4	2011-08-24
T6-GND-DUMMY	T6-GND-DUMMY	T6-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T6-JEF_A_H5-JE-742	T6-JEF_A	H5-JE-742	0.070	1.24	0.104	6.833	1.475	100.3	2011-08-24
T6-JEF-DUMMY	T6-JEF-DUMMY	T6-JEF	0.000	1.60	0.000	0.005		0.0	2011-08-24
T6-MON_A_H4-MO-001	T6-MON_A	H4-MO-001	0.093	1.13	0.092	8.184	0.985	76.9	2011-08-24
T6-MON-DUMMY	T6-MON-DUMMY	T6-MON	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW_A_MH-T6-NEW	T6-NEW_A	MH-T6-NEW	0.090	1.11	0.047	5.878	0.519	101.6	2011-08-24
T6-NEW-DUMMY	T6-NEW-DUMMY	T6-NEW	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW-WEIR-DUMMY	T6-NEW	T6-NEW-WEIR-DUMMY	0.000	1.11	0.047	1.258		109.6	2011-08-24
T7-5ST_A_MH-T5-TSTB	T7-5ST_A	MH-T5-5STB	0.145	1.03	-0.069	10.049	-0.477	-46.1	2011-08-24
T7-5ST-DUMMY	T7-5ST-DUMMY	T7-5ST	0.000	1.05	0.000	0.005		0.0	2011-08-24
T7-JEF_A_H1-JE-031	T7-JEF_A	H1-JE-031	0.070	1.09	0.120	8.548	1.710	54.0	2011-08-24
T7-JEF-DUMMY	T7-JEF-DUMMY	T7-JEF	0.000	1.08	0.000	0.190		0.0	2011-08-24
T7-JEF-WEIR-DUMMY	T7-JEF	T7-JEF-WEIR-DUMMY	0.000	1.08	0.120	1.399		68.6	2011-08-24
T7-MON_A_H1-MO-062	T7-MON_A	H1-MO-062	0.086	1.14	-0.086	9.322	-0.998	40.8	2011-08-24
T7-MON-DUMMY	T7-MON-DUMMY	T7-MON	0.000	1.22	0.000	0.005		0.0	2011-08-24
T7-OBS_MH-T7-OBS	T7-OBS_A	MH-T7-OBS	0.110	1.07	0.074	6.609	0.677	44.7	2011-08-24
T7-OBS-DUMMY	T7-OBS-DUMMY	T7-OBS	0.000	1.20	0.000	0.005		0.0	2011-08-24
T8-ADM-DUMMY	T8-ADM-DUMMY	T8-ADM	0.000	1.50	0.000	0.005		0.0	2011-08-24
T8-ADM_A_H1-AD-043	T8-ADM_A	H1-AD-043	0.091	1.25	0.065	6.827	0.716	153.1	2011-08-24
T8-JEF_A_H1-JE-023	T8-JEF_A	H1-JE-023	0.086	1.10	0.101	6.668	1.167	74.8	2011-08-24
T8-JEF-DUMMY	T8-JEF-DUMMY	T8-JEF	0.000	1.20	0.000	0.005		0.0	2011-08-24
T8-JEF-WEIR-DUMMY	T8-JEF	T8-JEF-WEIR-DUMMY	0.000	1.10	0.100	1.433		82.8	2011-08-24
T8-MAD_A_H5-11-750	T8-MAD_A	H5-11-750	0.100	1.18	0.098	6.898	0.989	36.2	2011-08-24
T8-MAD-DUMMY	T8-MAD-DUMMY	T8-MAD	0.000	1.30	0.000	0.005		0.0	2011-08-24
T9-ADM_A_H1-AD-035	T9-ADM_A	H1-03-140	0.070	1.10	0.127	9.561	1.802	133.5	2011-08-24
T9-ADM-DUMMY	T9-ADM-DUMMY	T9-ADM	0.000	1.10	0.000	0.312		0.0	2011-08-24
T9-MAD_A_H5-11-750	T9-MAD_A	H5-11-750	0.088	1.17	0.102	6.861	1.163	41.2	2011-08-24
T9-MAD-DUMMY	T9-MAD-DUMMY	T9-MAD	0.000	1.30	0.000	0.005		0.0	2011-08-24
TD12-13ST_A_H5-CL-648	TD12-13ST_A	H5-CL-648	0.149	1.11	-0.011	6.896	-0.074	3.0	2011-08-24
TD12-13ST-DUMMY	TD12-13ST-DUMMY	TD12-13ST	0.000	2.03	0.000	0.005		0.0	2011-08-24
TD14-CLA_A_H1-CL-036	TD14-CLA_A	H1-CL-036	0.035	1.19	0.100	6.683	2.833	39.3	2011-08-24
TD14-CLA-DUMMY	TD14-CLA-DUMMY	TD14-CLA	0.000	1.33	0.000	0.005		0.0	2011-08-24

TD1-4ST_A_H1-CL-036	TD1-4ST_A	H1-CL-036	0.145	1.20	0.088	6.712	0.609	18.7	2011-08-2
TD1-4ST-DUMMY	TD1-4ST-DUMMY	TD1-4ST	0.000	1.23	0.000	0.005		0.0	2011-08-2
TD1-WIL_A_H3-WI-022	TD1-WIL_A	H3-WI-022	0.079	1.24	0.087	6.170	1.107	42.5	2011-08-2
TD1-WIL-DUMMY	TD1-WIL-DUMMY	TD1-WIL	0.000	1.54	0.000	0.005		0.0	2011-08-2
TD23-CLA_A_H3-CL-007	TD23-CLA_A	H3-CL-007	0.050	1.31	0.080	6.020	1.610	56.4	2011-08-2
TD23-CLA-DUMMY	TD23-CLA-DUMMY	TD23-CLA	0.000	1.60	0.000	0.005		0.0	2011-08-2
TD25-WIL_A_H7-WI-009	TD6-WIL_A	H3-WI-015	0.079	1.26	0.077	6.016	0.979	42.7	2011-08-2
TD25-WIL_A_H7-WI-010	TD25-WIL_A	H7-WI-010	0.086	1.12	0.061	4.809	0.709	103.5	2011-08-2
TD25-WIL-DUMMY	TD25-WIL-DUMMY	TD25-WIL	0.000	1.60	0.000	0.005		0.0	2011-08-2
TD30-CLA_A_H4-CL-020	TD30-CLA_A	H4-CL-020	0.103	1.26	0.023	4.473	0.220	45.1	2011-08-2
TD30-CLA-DUMMY	TD30-CLA-DUMMY	TD30-CLA	0.000	1.85	0.000	0.005		0.0	2011-08-2
TD31-CLA_A_H5-CL-662	TD31-CLA_A	H5-CL-662	0.086	1.30	0.006	2.780	0.074	42.0	2011-08-2
TD31-CLA-DUMMY	TD31-CLA-DUMMY	TD31-CLA	0.000	2.89	0.000	0.005		0.0	2011-08-2
TD4-OBS_A_H1-OB-071	TD4-OBS_A	H1-OB-071	0.110	0.91	0.093	8.801	0.849	11.8	2011-08-2
TD4-OBS-DUMMY	TD4-OBS-DUMMY	TD4-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-2
TD4-OBS-WEIR-DUMMY	TD4-OBS	TD4-OBS-WEIR-DUMMY	0.000	0.91	0.093	1.184		31.6	2011-08-2
TD6-WIL-DUMMY	TD6-WIL-DUMMY	TD6-WIL	0.000	1.53	0.000	0.005		0.0	2011-08-2
TD8-GAR_A_H1-GA-012	TD8-GAR_A	H1-GA-012	0.086	0.83	0.089	6.629	1.031	75.3	2011-08-2
TD8-GAR-DUMMY	TD8-GAR-DUMMY	TD8-GAR	0.000	1.20	0.000	0.005		0.0	2011-08-2
TD8-GAR-WEIR-DUMMY	TD8-GAR	TD8-GAR-WEIR-DUMMY	0.000	0.83	0.089	1.286		85.8	2011-08-2

MIKE URBAN Hydraulic Results

Proposed DSD Alternatives: 50-Year Rainfall Event at Low Tide

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File Overview

Working dir :	C:\Projects\50074974\MIKEURBAN\ProposedAlternatives\	-
Sewer network data (UND) :	2D_Prop_LT_50yrProposedAlt.MEX	7/21/2016 11:00:30 PM
Hydrological data (HGF) :	2D_Prop_LT_50yrProposedAlt.MEX	7/21/2016 11:00:30 PM
Additional parameters file (ADP) :	-	-
Dry weather flow data (DWF) :	2D_Prop_LT_50yrProposedAlt.MEX	7/21/2016 11:00:30 PM
Repetitive profile data (RPF) :	-	-
Runoff Hydrographs (CRF) :	RO_Prop_50yrProposedAlt.CRF	7/19/2016 1:22:18 PM
Hotstart file (PRF) :	-	-
Result File (PRF) :	2D_Prop_LT_50yrProposedAlt.PRF	7/21/2016 11:00:38 PM
Reduced result file (PRF) :	-	-

Time Overview

Simulation start date :	2011-08-27 09:00:00	Calculation started :	2016-07-21 23:00:38
Simulation end date :	2011-08-28 09:00:00	Calculation ended :	2016-07-22 06:34:03
Save time step [hh:mm:ss] :	0:10:00	Calculation time [hh:mm:ss] :	7:33:26
Maximum time step [sec] :	0.75	Hotstart start date :	-
Minimum time step [sec] :	0.75		

Input Summary

Number of Manholes:	845
Number of Basins:	96
Number of Outlets:	10
Number of Storage Nodes:	0
Number of Circular Pipes:	568
Number of Rectangular pipes:	325
Number of CRS defined pipes:	3
Number of Pumps:	8
Number of Controlled Pumps:	0
Number of Weirs/Orifices:	97
Number of Controlled Weirs/Gates:	0
Number of Valves:	0
Number of Controlled Valves:	0

Nodes

Min Invert Level	WWTP	-100.00 m
Max Invert Level	14VO-MA-001B	44.59 m
Min Ground Level	H1-WW	0.00 m
Max Ground Level	14VO-02-001D	45.78 m
Min X Coordinate	Node_45	5.8064E05 m
Max X Coordinate	Node_79	5.8258E05 m
Min Y Coordinate	Node_62	4.5097E06 m
Max Y Coordinate	H7-GR-001	4.5124E06 m
Total Manhole Volume		5842.0 m3
Total Basin Volume		842947.9 m3

Links

Total Circular Volume	71155.2 m3
Total CRS Volume	88166.1 m3
Total Length	77726.00 m

Simulation Result Summary

Continuity Balance

1 : Start volume in Pipes, Manholes and Structures	882249.2 m3
2 : End volume in Pipes, Manholes and Structures	972575.4 m3
3 : Total inflow volume	
Specified inflows	
Runoff :	518115.9 m3
DWF :	2053.4 m3
Non-specified inflows	
Outlets (inflow) :	2.8 m3
Inflow from 2D overland :	23327.6 m3
	543499.8 m3 --> 543499.7 m3
4 : Total diverted volume	
Operational, non-specified outflows	
Outlets :	355903.8 m3
Pumps :	99601.6 m3
Flow to 2D overland :	21270.3 m3
	476775.6 m3 --> 476775.6 m3
5 : Water generated in empty parts of the system :	2314.4 m3
6 : Continuity Balance = (2-1) - (3-4+5) :	21287.8 m3
Continuity Balance max value :	21287.8 m3
Continuity Balance min value :	0.0 m3

2D overland

Inflows from 2D overland

Manholes/basins:	23327.6 m3
Outlets:	0.0 m3
Total:	23327.6 m3

Outflows to 2D overland

Manholes/basins: 21270.3 m3

Pumps: 0.0 m3

Weirs: 0.0 m3

Outlets: 0.0 m3

Diverted Runoff: 12667.2 m3

Total: 33937.4 m3

Boundary Connections

Outlet levels

Boundary Condition ID	Location	Temporal variation	Value/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
							m	m
BC_38	HWF-14-001A	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_39	5	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_40	Node_40	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_41	Node_39	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_42	Node_10	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_43	Outfall8	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_44	Outfall6	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_45	Outfall3	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_46	HWF-OB-001	Constant	-1.05	Unlimited	-	-	-1.05	-1.05

Network loads (discharges)

Boundary Condition ID	Type	Load Type	Connection Type	Location	Temporal variation	Value/pattern/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
										m3/s	
Block12_Basin 2	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin1	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin3	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
CityHall	Discharge	Storm Runoff	Individual	H1-BL-016	Time Series	CityHall_Outflow.dfs0	Unlimited	-	-	0.000	0.000
HWF-10	Discharge	DWF	Individual	H2-01-002	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-11	Discharge	DWF	Individual	H3-RI-001	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-12	Discharge	DWF	Individual	H2-HP-001A	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-13	Discharge	DWF	Individual	H2-HP-001A	Constant	0.003	Unlimited	-	-	0.003	0.003
HWF-5	Discharge	DWF	Individual	H5-HU-015	Constant	0.009	Unlimited	-	-	0.009	0.009
HWF-6	Discharge	DWF	Individual	H5-HU-020	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-7	Discharge	DWF	Individual	H3-RI-006	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-8	Discharge	DWF	Individual	H3-RI-003	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-9	Discharge	DWF	Individual	H2-RI-004	Constant	0.001	Unlimited	-	-	0.001	0.001
Total :											

Network loads (discharges), summary by Load type

Load Type	Accumulated Value
	m3
Storm Runoff	384.1
DWF	2053.4
Total :	2437.5

Network loads (discharges), summary by Temporal variation

Temporal variation	Accumulated Value
	m3
Constant	2053.4
Time Series	384.1
Total :	2437.5

Weir/Orifice-Gate/Valve Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum
	[m3/s]	[m3/s]	[m3]		
H1.4	0.000	5.069	131344.5	2011-08-27 09:00:00	2011-08-27 22:00:00
H2.4	0.000	1.212	18432.1	2011-08-27 09:00:00	2011-08-27 22:00:00
H3.4	0.000	1.278	29408.8	2011-08-27 09:00:00	2011-08-27 22:00:00
H4.4	0.000	2.621	36984.6	2011-08-27 09:00:00	2011-08-27 22:00:00
H5.4	0.000	1.979	50615.0	2011-08-27 09:00:00	2011-08-27 22:00:00
H5_WW_Weir	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
H6.4	0.000	0.944	14975.2	2011-08-27 09:00:00	2011-08-27 22:00:00
H7.4	-0.081	0.018	-877.6	2011-08-27 20:20:00	2011-08-28 05:40:00
HS1.3	0.000	0.339	3668.4	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_100	-0.119	0.073	-44.7	2011-08-27 20:20:00	2011-08-28 02:20:00
Weir_101	-0.075	0.107	99.8	2011-08-27 20:30:00	2011-08-28 02:30:00
Weir_103	-0.108	0.123	48.3	2011-08-27 21:10:00	2011-08-27 23:50:00
Weir_107	-0.047	0.055	78.3	2011-08-27 20:40:00	2011-08-27 22:20:00
Weir_110	-0.101	0.080	59.2	2011-08-27 20:30:00	2011-08-28 00:40:00
Weir_111	-0.085	0.103	36.6	2011-08-27 21:10:00	2011-08-27 23:30:00
Weir_113	-0.051	0.077	65.7	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_116	-0.023	0.086	64.8	2011-08-27 21:40:00	2011-08-27 22:20:00
Weir_118	-0.020	0.087	59.3	2011-08-27 22:00:00	2011-08-27 22:20:00
Weir_119	-0.014	0.066	35.2	2011-08-27 21:40:00	2011-08-27 22:20:00
Weir_120	-0.103	0.117	42.5	2011-08-27 21:00:00	2011-08-27 23:50:00
Weir_121	-0.097	0.100	57.3	2011-08-27 21:00:00	2011-08-28 00:00:00
Weir_123	-0.100	0.097	96.0	2011-08-27 21:00:00	2011-08-27 23:20:00
Weir_125	-0.079	0.088	50.1	2011-08-27 21:00:00	2011-08-27 22:40:00
Weir_129	-0.029	0.008	15.0	2011-08-27 21:20:00	2011-08-27 22:10:00
Weir_69	-0.079	0.073	58.5	2011-08-27 20:30:00	2011-08-28 00:20:00
Weir_70	-0.039	0.036	126.4	2011-08-27 20:40:00	2011-08-27 23:20:00
Weir_73	-0.110	0.092	96.3	2011-08-27 20:30:00	2011-08-28 00:30:00
Weir_75	-0.061	0.089	24.6	2011-08-27 20:30:00	2011-08-27 22:40:00
Weir_76	-0.043	0.093	95.6	2011-08-27 20:30:00	2011-08-27 22:40:00
Weir_77	-0.148	0.127	47.9	2011-08-27 20:30:00	2011-08-28 00:20:00
Weir_81	-0.124	0.108	39.1	2011-08-27 20:30:00	2011-08-28 00:30:00
Weir_82	-0.113	0.121	170.4	2011-08-27 20:30:00	2011-08-28 00:30:00
Weir_83	-0.072	0.095	56.7	2011-08-27 20:30:00	2011-08-28 02:30:00
Weir_84	-0.123	0.179	91.9	2011-08-27 20:30:00	2011-08-28 02:40:00
Weir_85	-0.116	0.115	10.8	2011-08-27 20:30:00	2011-08-28 01:40:00
Weir_87	-0.080	0.084	95.5	2011-08-27 20:30:00	2011-08-28 00:00:00

Weir_88	-0.077	0.086	52.3	2011-08-27 20:20:00	2011-08-28 00:00:00
Weir_89	-0.084	0.076	25.4	2011-08-27 20:30:00	2011-08-28 00:00:00
Weir_91	0.000	0.011	74.1	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_94	-0.063	0.054	64.0	2011-08-27 20:30:00	2011-08-27 23:30:00
Weir_99	-0.098	0.080	-2.9	2011-08-27 20:30:00	2011-08-28 00:30:00
Weir_B10	-0.518	0.510	3949.8	2011-08-27 20:30:00	2011-08-28 05:40:00
Weir_BASF	0.000	0.579	19601.0	2011-08-27 09:00:00	2011-08-27 23:30:00
Weir_CLA-PS	0.000	0.043	86.1	2011-08-27 09:00:00	2011-08-27 22:30:00
Weir_HHA	0.000	0.730	4649.9	2011-08-27 09:00:00	2011-08-27 21:40:00
Weir_T15-MAD	-0.017	0.027	59.7	2011-08-27 20:50:00	2011-08-27 22:20:00
Weir_T16-MAD	-0.066	0.040	48.2	2011-08-27 20:30:00	2011-08-28 00:00:00
Weir_T1-HAR	-0.055	0.084	113.9	2011-08-27 21:00:00	2011-08-27 22:40:00
Weir_T2-2ST	-0.106	0.080	26.5	2011-08-27 20:20:00	2011-08-28 01:50:00
Weir_T2-6ST	-0.091	0.078	60.2	2011-08-27 20:30:00	2011-08-28 00:10:00
Weir_T2-7ST	-0.048	0.063	17.6	2011-08-27 20:50:00	2011-08-27 22:20:00
Weir_T2-BLM	0.000	0.013	102.1	2011-08-27 09:00:00	2011-08-27 21:20:00
Weir_T3-4ST	-0.073	0.068	61.5	2011-08-27 20:30:00	2011-08-28 00:10:00
Weir_T3-6ST	-0.080	0.052	12.5	2011-08-27 20:30:00	2011-08-28 00:10:00
Weir_T3-ADM	-0.050	0.067	52.7	2011-08-27 21:00:00	2011-08-27 23:20:00
Weir_T3-GND	-0.060	0.018	-29.8	2011-08-27 21:00:00	2011-08-27 22:10:00
Weir_T3-OBS	-0.075	0.098	291.9	2011-08-27 20:30:00	2011-08-27 23:20:00
Weir_T4-5ST	-0.093	0.090	47.7	2011-08-27 20:30:00	2011-08-28 00:30:00
Weir_T4-6ST	-0.117	0.086	-31.3	2011-08-27 20:30:00	2011-08-28 01:30:00
Weir_T5-GND	-0.075	0.074	62.7	2011-08-27 20:30:00	2011-08-27 23:40:00
Weir_T5-JEF	-0.044	0.071	48.4	2011-08-27 20:40:00	2011-08-27 22:20:00
Weir_T6-ADM	-0.013	0.079	160.3	2011-08-27 21:40:00	2011-08-27 22:20:00
Weir_T6-JEF	-0.062	0.107	132.0	2011-08-27 21:00:00	2011-08-27 22:40:00
Weir_T6-MON	-0.067	0.095	107.3	2011-08-27 21:10:00	2011-08-27 23:20:00
Weir_T7-JEF	-0.121	0.116	72.7	2011-08-27 20:30:00	2011-08-28 00:30:00
Weir_T8-ADM	-0.058	0.056	188.7	2011-08-27 20:30:00	2011-08-27 23:30:00
Weir_T8-JEF	-0.092	0.087	94.1	2011-08-27 20:30:00	2011-08-28 00:10:00
Weir_T9-MAD	-0.078	0.097	57.2	2011-08-27 21:00:00	2011-08-27 23:10:00
Weir_TD1-WIL	-0.062	0.078	55.5	2011-08-27 20:40:00	2011-08-27 23:20:00
Weir_TD23-CLA	-0.060	0.080	71.5	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_TD25-WIL	-0.018	0.109	127.8	2011-08-27 21:00:00	2011-08-27 22:20:00
Weir_TD31-CLA	0.000	0.008	58.1	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_TD6-WIL	-0.054	0.071	55.1	2011-08-27 20:40:00	2011-08-27 23:20:00
H1.1	-0.131	0.121	-1145.2	2011-08-27 22:00:00	2011-08-28 01:30:00
H1-WW.1	0.000	0.019	16.2	2011-08-27 09:00:00	2011-08-27 22:30:00
H2.1	-0.019	0.043	307.1	2011-08-27 22:30:00	2011-08-27 20:20:00
H2-WW.2	-0.019	0.043	74.7	2011-08-27 22:30:00	2011-08-27 20:20:00
H3.1	0.000	0.116	5139.9	2011-08-27 09:00:00	2011-08-27 20:50:00
H3-WW.2	0.000	0.186	7732.0	2011-08-27 17:20:00	2011-08-27 20:50:00
H4.1	0.000	0.111	4917.0	2011-08-27 09:00:00	2011-08-27 20:50:00
H4-WW.1	0.000	0.110	4176.3	2011-08-27 09:00:00	2011-08-27 20:50:00
H5.1	0.000	0.154	6983.9	2011-08-27 09:00:00	2011-08-27 10:30:00

H5-WW.1	0.000	0.118	4897.5	2011-08-27 09:00:00	2011-08-27 10:30:00
H6.1	-0.010	0.026	775.5	2011-08-27 10:50:00	2011-08-27 20:20:00
H6-WW.2	-0.001	0.032	1039.8	2011-08-27 11:20:00	2011-08-27 20:20:00
H7.1	-0.017	0.075	754.2	2011-08-28 05:40:00	2011-08-27 20:40:00
H7-WW.2	-0.003	0.019	232.2	2011-08-28 05:40:00	2011-08-27 21:00:00
Orifice_13	0.000	1.204	18307.1	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_3	0.000	7.796	117504.5	2011-08-27 09:00:00	2011-08-27 23:10:00
Orifice_5	0.000	0.724	17468.3	2011-08-27 09:00:00	2011-08-27 22:30:00
Orifice_7	0.000	0.208	2406.3	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_8	0.000	2.630	40328.8	2011-08-27 09:00:00	2011-08-27 21:50:00
Orifice_9	0.000	0.289	4538.7	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_B10	-0.033	0.043	86.2	2011-08-27 20:20:00	2011-08-28 07:10:00
Orifice_BASF	0.000	0.114	1230.5	2011-08-27 09:00:00	2011-08-27 23:20:00
Orifice_HHA	0.000	0.102	3408.4	2011-08-27 09:00:00	2011-08-28 01:50:00
outfall5-tg	0.000	4.030	58123.5	2011-08-27 09:00:00	2011-08-27 22:00:00

Pumps - Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum	Pump starts	Dry stops (1)	Speed	Operation total	Operation above dH or H range of RPMmax curve
	[m3/s]	[m3/s]	[m3]			[Count]	[Count]		[Hr:Min:Sec]	[Hr:Min:Sec]
11PS.3	0.000	0.173	14520.8	2011-08-27 09:00:00	2011-08-27 22:00:00	16	0	Constant	23:19:12	-
5PS.3	0.000	0.440	22833.0	2011-08-27 09:00:00	2011-08-27 20:20:00	2	0	Variable	15:59:30	-
5PS.4	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Variable	0:00:00	-
CLA-PS.1	0.000	0.064	81.9	2011-08-27 09:00:00	2011-08-27 22:30:00	16	16	Constant	0:07:53	-
H1-WW.3	0.000	2.650	99519.8	2011-08-27 09:00:00	2011-08-27 20:10:00	585	0	Constant	12:01:10	-
H5PS	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Constant	0:00:00	-
Pump_BASF	0.000	0.566	20679.8	2011-08-27 09:00:00	2011-08-27 23:10:00	94	14	Constant	10:24:46	-
Pump_HHA	0.000	0.316	8058.0	2011-08-27 09:00:00	2011-08-28 08:50:00	373	15	Constant	8:07:54	-

(1) : Pump stops due to dry pump well.

Warning: Dry stops occurred during the simulation. Insufficient volume below the stop level to let the pump decelerate normally.

Recommended: Check pump well volume, pump curve, acceleration-/deceleration time, start/stop conditions and other input data.

Links - Result summary

LinkID	From Node	To Node	Qf	Hmax	Qmax	Hmax/D	Qmax/Qf	Flow - Accumulated	Ti
			[m3/s]	[m]	[m3/s]			[m3]	
14VO-02-001D_14VO-MA-001B	14VO-02-001D	14VO-MA-001B	0.282	46.20	0.161	3.258	0.570	2768.5	2011-08-27 10:30:00
14VO-14-001_14VO-14-002	14VO-14-001	14VO-14-002	0.164	25.58	0.031	1.541	0.188	315.7	2011-08-27 10:50:00
14VO-14-001_14VO-14-005	14VO-14-001	14VO-14-005	0.228	25.50	0.053	1.950	0.232	518.9	2011-08-27 11:20:00
14VO-14-001C_14VO-14-001	14VO-14-001C	14VO-14-001	0.246	29.23	0.084	0.655	0.340	835.6	2011-08-27 11:20:00
14VO-14-002_14VO-14-006	14VO-14-002	14VO-14-006	0.226	25.33	0.211	5.471	0.937	3597.8	2011-08-27 11:20:00
14VO-14-005_14VO-14-007	14VO-14-005	14VO-14-007	0.061	1.56	0.077	1.565	1.273	819.2	2011-08-27 11:20:00
14VO-14-006_14VO-14-007	14VO-14-006	14VO-14-007	0.078	2.43	0.216	3.885	2.757	3742.6	2011-08-27 11:20:00
14VO-14-007_HWF-14-001A	Node_79	HWF-14-001A	0.659	-0.83	0.289	0.449	0.438	4538.7	2011-08-27 11:20:00

14VO-MA-001_14VO-14-002	14VO-MA-001	14VO-14-002	0.180	41.52	0.138	1.541	0.765	2757.2	2011-08-24
14VO-MA-001B_14VO-MA-001	14VO-MA-001B	14VO-MA-001	0.123	45.81	0.138	4.014	1.121	2762.6	2011-08-24
B10-MH_H1-OB-122A	B10-MH	H1-OB-122A	0.867	0.93	-0.519	3.406	-0.599	4029.8	2011-08-24
B10-STOR-A_B10-MH	B10-STOR-A	B10-MH	0.718	0.77	-0.519	2.768	-0.723	4034.3	2011-08-24
BASF-FM	BASF-FM	BASF-OF	0.000	5.74	0.566	9.422		20530.2	2011-08-24
Dummy_H5Weir	Node_89	Dummy_H5Weir	0.000	3.00	0.000	0.005		0.0	2011-08-24
DUMMY-B10	DUMMY-B10	B10-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-BASF	DUMMY-BASF	BASF-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-BASF-2	DUMMY-BASF-2	BASF-WW	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-CLA-PS	CLA-PS-DUMMY	CLA-PS	0.000	-1.06	0.035	0.066		85.4	2011-08-24
DUMMY-HHA	DUMMY-HHA	HHA-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-HHA-2	DUMMY-HHA-2	HHA-WW	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-T10-MAD	T10-MAD	T10-MAD-WEIR-DUMMY	0.000	1.08	0.100	1.754		64.5	2011-08-24
DUMMY-T11-MAD	T11-MAD	T11-MAD-WEIR-DUMMY	0.000	1.21	0.117	1.483		58.0	2011-08-24
DUMMY-T15-MAD	T15-MAD	T15-MAD-WEIR-DUMMY	0.000	1.25	0.027	1.116		77.9	2011-08-24
DUMMY-T16-MAD	T16-MAD	T16-MAD-WEIR-DUMMY	0.000	1.24	-0.066	1.291		62.0	2011-08-24
DUMMY-T1-GAR	T1-GAR	T1-GAR-WEIR-DUMMY	0.000	1.46	0.011	0.923		92.9	2011-08-24
DUMMY-T1-HAR	T1-HAR	T1-HAR-WEIR-DUMMY	0.000	1.34	0.084	1.518		119.5	2011-08-24
DUMMY-T2-4ST	T2-4ST	T2-4ST-WEIR-DUMMY	0.000	1.28	0.083	1.572		101.1	2011-08-24
DUMMY-T2-5ST	T2-5ST	T2-5ST-WEIR-DUMMY	0.000	1.32	-0.062	1.411		71.8	2011-08-24
DUMMY-T2-6ST	T2-6ST	T2-6ST-WEIR-DUMMY	0.000	1.26	-0.091	1.438		67.3	2011-08-24
DUMMY-T2-7ST	T2-7ST	T2-7ST-WEIR-DUMMY	0.000	1.34	0.062	1.112		35.9	2011-08-24
DUMMY-T2-BLM	T2-BLM	T2-BLM-WEIR-DUMMY	0.000	2.86	0.011	1.001		117.5	2011-08-24
DUMMY-T2-JAC	T2-JAC	T2-JAC-WEIR-DUMMY	0.000	1.32	0.077	1.525		71.6	2011-08-24
DUMMY-T2-MON	T2-MON	T2-MON-WEIR-DUMMY	0.000	1.33	-0.100	1.607		103.0	2011-08-24
DUMMY-T3-4ST	T3-4ST	T3-4ST-WEIR-DUMMY	0.000	1.29	-0.073	1.457		68.8	2011-08-24
DUMMY-T3-6ST	T3-6ST	T3-6ST-WEIR-DUMMY	0.000	1.25	-0.080	1.344		23.7	2011-08-24
DUMMY-T3-ADM	T3-ADM	T3-ADM-WEIR-DUMMY	0.000	1.33	0.067	1.294		61.9	2011-08-24
DUMMY-T3-GND	T3-GND	T3-GND-WEIR-DUMMY	0.000	1.35	-0.032	1.061		-16.1	2011-08-24
DUMMY-T3-JAC	T3-JAC	T3-JAC-WEIR-DUMMY	0.000	1.18	0.123	1.386		61.5	2011-08-24
DUMMY-T4-4ST	T4-4ST	T4-4ST-WEIR-DUMMY	0.000	1.11	-0.116	1.331		37.7	2011-08-24
DUMMY-T4-5ST	T4-5ST	T4-5ST-WEIR-DUMMY	0.000	1.20	-0.093	1.379		59.0	2011-08-24
DUMMY-T4-6ST	T4-6ST	T4-6ST-WEIR-DUMMY	0.000	1.17	-0.116	1.278		-0.7	2011-08-24
DUMMY-T4-GND	T4-GND	T4-GND-WEIR-DUMMY	0.000	1.32	0.086	1.212		70.5	2011-08-24
DUMMY-T5-5ST	T5-5ST	T5-5ST-WEIR-DUMMY	0.000	1.11	0.107	1.303		120.4	2011-08-24
DUMMY-T5-9ST	T5-9ST	T5-9ST-WEIR-DUMMY	0.000	1.35	0.065	1.125		48.8	2011-08-24
DUMMY-T5-GND	T5-GND	T5-GND-WEIR-DUMMY	0.000	1.34	-0.075	1.289		78.8	2011-08-24
DUMMY-T5-JAC	T5-JAC	T5-JAC-WEIR-DUMMY	0.000	1.05	0.179	1.438		113.1	2011-08-24
DUMMY-T5-JEF	T5-JEF	T5-JEF-WEIR-DUMMY	0.000	1.37	0.071	1.155		63.8	2011-08-24
DUMMY-T6-4ST	T6-4ST	T6-4ST-WEIR-DUMMY	0.000	1.11	0.095	1.457		63.8	2011-08-24
DUMMY-T6-5ST	T6-5ST	T6-5ST-WEIR-DUMMY	0.000	1.17	-0.097	1.223		30.3	2011-08-24
DUMMY-T6-ADM	T6-ADM	T6-ADM-WEIR-DUMMY	0.000	1.35	0.079	1.290		165.8	2011-08-24
DUMMY-T6-GND	T6-GND	T6-GND-WEIR-DUMMY	0.000	1.35	0.055	1.332		87.4	2011-08-24
DUMMY-T6-JEF	T6-JEF	T6-JEF-WEIR-DUMMY	0.000	1.39	0.107	1.305		143.5	2011-08-24
DUMMY-T6-MON	T6-MON	T6-MON-WEIR-DUMMY	0.000	1.24	0.095	1.283		123.0	2011-08-24
DUMMY-T7-5ST	T7-5ST	T7-5ST-WEIR-DUMMY	0.000	1.11	-0.078	1.298		-24.2	2011-08-24

DUMMY-T7-MON	T7-MON	T7-MON-WEIR-DUMMY	0.000	1.19	-0.101	1.324		77.8	2011-08-2
DUMMY-T8-ADM	T8-ADM	T8-ADM-WEIR-DUMMY	0.000	1.33	-0.057	1.372		198.1	2011-08-2
DUMMY-T8-MAD	T8-MAD	T8-MAD-WEIR-DUMMY	0.000	1.31	0.088	1.567		58.0	2011-08-2
DUMMY-T9-ADM	T9-ADM	T9-ADM-WEIR-DUMMY	0.000	1.17	0.121	1.376		188.7	2011-08-2
DUMMY-T9-MAD	T9-MAD	T9-MAD-WEIR-DUMMY	0.000	1.29	0.096	1.409		66.1	2011-08-2
DUMMY-TD12-13ST	TD12-13ST	Node_378	0.000	1.27	-0.016	0.976		33.5	2011-08-2
DUMMY-TD14-CLA	TD14-CLA	TD14-CLA-WEIR-DUMMY	0.000	1.26	0.086	1.378		61.3	2011-08-2
DUMMY-TD1-4ST	TD1-4ST	TD1-4ST-WEIR-DUMMY	0.000	1.28	-0.084	1.606		31.3	2011-08-2
DUMMY-TD1-WIL	TD1-WIL	TD1-WIL-WEIR-DUMMY	0.000	1.33	0.078	1.401		63.4	2011-08-2
DUMMY-TD23-CLA	TD23-CLA	TD23-CLA-WEIR-DUMMY	0.000	1.41	0.080	1.389		79.0	2011-08-2
DUMMY-TD25-WIL	TD25-WIL	TD25-WIL-WEIR-DUMMY	0.000	1.29	0.109	1.293		133.5	2011-08-2
DUMMY-TD30-CLA	TD30-CLA	TD30-CLA-WEIR-DUMMY	0.000	1.45	0.087	1.199		64.9	2011-08-2
DUMMY-TD31-CLA	TD31-CLA	TD31-CLA-WEIR-DUMMY	0.000	1.97	0.008	0.872		69.5	2011-08-2
DUMMY-TD6-WIL	TD6-WIL	TD6-WIL-WEIR-DUMMY	0.000	1.36	0.071	1.367		62.5	2011-08-2
H1 REGULATOR_H2-INT-001A	H1-IC	H2-INT-001A	1.155	0.25	-0.131	1.975	-0.114	-1145.9	2011-08-2
H1_Outfall	H1-OB-008	H1	0.000	0.18	4.938	1.383		130238.3	2011-08-2
H1-01-005_H1-01-021	H1-01-005	H1-01-021	0.000	1.13	0.013	2.327		154.9	2011-08-2
H1-01-006_H1-01-006A	H1-01-006	H1-01-006A	1.471	1.29	0.091	2.152	0.062	246.6	2011-08-2
H1-01-006A_H1-01-010	H1-01-006A	H1-01-010	0.366	1.27	0.297	2.143	0.812	906.3	2011-08-2
H1-01-007_H1-01-006	H1-01-007	H1-01-006	2.782	1.29	0.012	2.403	0.004	153.5	2011-08-2
H1-01-010_H1-WI-019	H1-01-010	H1-WI-019	3.185	1.21	0.788	2.297	0.247	24479.7	2011-08-2
H1-01-021_H1-GA-018	H1-01-021	H1-GA-018	1.018	1.11	0.642	2.388	0.631	11038.0	2011-08-2
H1-01-029_H1-01-010	H1-01-029	H1-01-010	0.588	1.25	0.615	2.517	1.046	15924.1	2011-08-2
H1-01-033_H1-01-029	H1-01-033	H1-01-029	1.529	1.25	0.608	2.605	0.398	15459.9	2011-08-2
H1-01-033_H1-NE-011	H1-01-033	H1-NE-011	0.411	1.24	0.354	3.642	0.861	9101.4	2011-08-2
H1-01-034_H1-01-033	H1-01-034	H1-01-033	3.906	1.24	0.511	2.783	0.131	11887.8	2011-08-2
H1-01-075_H1-01-034	H1-01-075	H1-01-034	1.640	1.24	0.511	2.693	0.312	11941.8	2011-08-2
H1-01-075_H1-NE-014A	H1-01-075	H1-NE-014A	0.078	1.23	0.184	2.706	2.367	4584.8	2011-08-2
H1-01-077_H1-01-075	H1-01-077	H1-01-075	2.019	1.24	0.603	2.614	0.299	13445.7	2011-08-2
H1-01-080_H1-01-077	H1-01-080	H1-01-077	1.312	1.23	0.603	3.211	0.459	13481.1	2011-08-2
H1-01-080_H1-NE-020	H1-01-080	H1-NE-020	0.601	1.20	0.888	2.396	1.477	27486.9	2011-08-2
H1-01-081_H1-01-080	H1-01-081	H1-01-080	0.359	1.21	0.876	3.198	2.439	24988.3	2011-08-2
H1-01-085_H1-01-081	H1-01-085	H1-01-081	1.878	1.21	0.876	2.729	0.466	25036.8	2011-08-2
H1-01-085_H1-MA-010	H1-01-085	H1-MA-010	0.686	1.21	0.245	2.948	0.357	6260.7	2011-08-2
H1-01-089_H1-01-085	H1-01-089	H1-01-085	1.577	1.20	1.167	2.707	0.740	26934.9	2011-08-2
H1-01-089_H1-OB-116	H1-01-089	H1-OB-116	0.947	1.19	0.306	3.158	0.324	209.9	2011-08-2
H1-01-100_H1-01-089	H1-01-100	H1-01-089	0.000	1.19	1.380	2.697		29365.6	2011-08-2
H1-01-100_H1-JA-022	H1-01-100	H1-JA-022	0.837	1.17	0.402	2.891	0.480	1807.7	2011-08-2
H1-01-104_H1-01-100	H1-01-104	H1-01-100	1.623	1.18	1.133	2.825	0.698	23587.3	2011-08-2
H1-01-110_H1-01-104	H1-01-110	H1-01-104	2.796	1.18	0.918	2.877	0.328	22089.9	2011-08-2
H1-01-115_H1-01-110	H1-01-115	H1-01-110	1.170	1.19	0.733	3.085	0.627	18112.4	2011-08-2
H1-01-116_H1-01-115	H1-01-116	H1-01-115	1.356	1.21	0.509	2.741	0.375	19511.1	2011-08-2
H1-01-117_H1-01-116	H1-01-117	H1-01-116	0.451	1.25	-0.093	3.602	-0.206	-791.8	2011-08-2
H1-01-118_H1-01-117	H1-01-118	H1-01-116	0.046	1.62	0.044	7.128	0.945	535.9	2011-08-2
H1-02-038A_H1-WI-022	H1-02-038A	H1-WI-022	0.563	1.29	0.376	3.437	0.668	6731.6	2011-08-2
H1-03-001_H3-03-006	H1-03-001	H3-03-006	1.879	0.94	1.069	1.703	0.569	30295.9	2011-08-2

H1-03-003A_H1-03-001	H1-03-003A	H1-03-001	4.038	1.04	1.054	2.442	0.261	29863.6	2011-08-24
H1-03-060_H3-03-022	H1-03-060	H3-03-022	1.787	1.31	0.845	2.287	0.473	14470.2	2011-08-24
H1-03-090_H1-03-060	H1-03-090	H1-03-060	1.237	1.30	0.613	2.799	0.496	10450.7	2011-08-24
H1-03-090_H1-GR-022	H1-03-090	H1-GR-022	1.381	1.29	0.429	4.007	0.310	9607.2	2011-08-24
H1-03-140_H1-03-090	H1-03-140	H1-03-090	1.651	1.28	0.855	3.606	0.518	13892.2	2011-08-24
H1-03-170_H1-03-140	H1-03-170	H1-03-140	2.258	1.26	0.627	2.109	0.278	7354.9	2011-08-24
H1-03-180_H1-03-170	H1-03-180	H1-03-170	2.657	1.26	0.536	2.679	0.202	7553.4	2011-08-24
H1-03-200_H1-03-180	H1-03-200	H1-03-180	0.933	1.25	0.908	2.777	0.973	14080.4	2011-08-24
H1-03-200_H1-MA-027	H1-03-200	H1-MA-027	1.697	1.23	-0.214	4.169	-0.126	797.2	2011-08-24
H1-03-210_H1-03-200	H1-03-210	H1-03-200	1.256	1.23	0.578	2.688	0.460	9829.9	2011-08-24
H1-03-210_H1-MO-036	H1-03-210	H1-MO-036	1.484	1.22	-0.425	3.355	-0.287	-5131.3	2011-08-24
H1-07-013_H1-BL-091	H1-07-013	H1-BL-091	0.274	4.37	0.209	4.898	0.762	2448.5	2011-08-24
H1-08-011_H1-BL-093	H1-08-011	H1-BL-093	0.050	3.42	0.030	5.603	0.605	331.0	2011-08-24
H1-08-011A_H1-08-011	H1-08-011A	H1-08-011	0.000	3.43	0.006	5.490		-0.6	2011-08-24
H1-AD-026_H1-01-075	H1-AD-026	H1-01-075	0.000	1.24	0.168	3.029		1264.7	2011-08-24
H1-AD-030_H1-03-140	H1-AD-030	H1-03-140	0.000	1.27	-0.098	3.383		31.4	2011-08-24
H1-AD-035_H1-03-140	H1-AD-035	H1-03-140	0.177	1.27	0.326	3.384	1.839	5750.7	2011-08-24
H1-AD-039_H1-AD-035	H1-AD-039	H1-AD-035	1.136	1.32	0.304	3.392	0.267	5375.4	2011-08-24
H1-AD-042_H1-AD-039	H1-AD-042	H1-AD-039	0.653	1.32	0.275	2.914	0.421	4101.2	2011-08-24
H1-AD-048_H1-AD-042	H1-AD-043	H1-AD-042	0.585	1.33	0.209	2.784	0.358	2895.5	2011-08-24
H1-AD-053_H1-AD-048	H1-AD-053	H1-AD-048	0.778	1.36	0.091	2.637	0.116	1096.6	2011-08-24
H1-Alt-Grav1.2	H1-Alt-Grav1	OF-H1-V2	0.000	-0.24	1.085	1.372		15724.9	2011-08-24
H1-Alt-Grav2.1	H1-Alt-Grav2	OF-H1-V2	0.000	-0.24	1.115	1.374		16198.6	2011-08-24
H1-BL-007_H1-BL-009	H1-BL-007	H1-BL-009	0.000	0.75	0.241	3.083		3207.2	2011-08-24
H1-BL-009_H1-OB-010	H1-BL-009	H1-OB-010	3.875	0.59	4.736	1.999	1.222	127975.7	2011-08-24
H1-BL-016_H1-BL-009	H1-BL-016	H1-BL-009	1.531	1.37	1.285	2.455	0.839	15276.0	2011-08-24
H1-BL-017_H1-BL-016	H1-BL-017	H1-BL-016	0.800	1.61	1.168	2.309	1.460	13845.5	2011-08-24
H1-BL-024_H1-BL-017	H1-BL-024	H1-BL-017	0.949	2.05	1.098	2.519	1.157	12997.0	2011-08-24
H1-BL-030_H1-BL-024	H1-BL-030	H1-BL-024	0.634	2.44	0.935	2.835	1.473	11031.6	2011-08-24
H1-BL-037_H1-BL-030	H1-BL-037	H1-BL-030	0.941	2.81	0.935	2.901	0.993	11050.3	2011-08-24
H1-BL-039_H1-BL-037	H1-BL-039	H1-BL-037	1.111	3.03	0.784	2.959	0.706	9280.6	2011-08-24
H1-BL-090C_H1-BL-090B	H1-BL-090C	H1-BL-090B	0.000	5.49	-0.054	21.175		-641.5	2011-08-24
H1-BL-090E_H1-BL-039	H1-BL-090E	H1-BL-039	0.825	3.22	0.681	2.767	0.826	8056.9	2011-08-24
H1-BL-090E_H1-BL-090	H1-BL-090E	H1-BL-090	0.059	3.34	-0.480	3.325	-8.114	-5571.5	2011-08-24
H1-BL-090E_H1-BL-090C	H1-BL-090E	H1-BL-090C	0.000	3.43	-0.076	7.359		-1040.2	2011-08-24
H1-BL-091_H1-BL-090	H1-BL-091	H1-BL-090	0.299	3.36	0.467	2.423	1.563	5421.4	2011-08-24
H1-BL-093_H1-BL-091	H1-BL-093	H1-BL-091	0.702	3.39	0.254	2.449	0.362	2064.3	2011-08-24
H1-BL-095_H1-BL-093	H1-BL-095	H1-BL-093	0.137	3.43	0.047	4.482	0.344	546.8	2011-08-24
H1-CL-014_H1-NE-007	H1-CL-014	H1-NE-007	1.318	1.20	0.055	4.894	0.042	644.1	2011-08-24
H1-CL-015_H1-CL-023	H1-CL-015	H1-CL-023	1.872	1.28	-0.188	2.872	-0.100	-603.0	2011-08-24
H1-CL-023_H1-03-060	H1-CL-023	H1-03-060	0.916	1.29	-0.357	3.660	-0.390	511.9	2011-08-24
H1-CL-036_H1-03-060	H1-CL-036	H1-03-060	1.251	1.31	0.233	3.363	0.186	1777.8	2011-08-24
H1-GA-017_H1-OB-031	H1-GA-012	H1-OB-031	1.135	0.93	0.742	1.776	0.653	12472.6	2011-08-24
H1-GA-018_H1-GA-017	H1-GA-018	H1-GA-017	3.229	1.05	0.642	1.692	0.199	11031.6	2011-08-24
H1-GR-022_H1-01-033	H1-GR-022	H1-01-033	0.710	1.27	0.451	3.978	0.635	11235.3	2011-08-24

H1-GR-027_H1-03-090	H1-GR-027	H1-03-090	2.875	1.29	0.304	4.261	0.106	4976.5	2011-08-24
H1-GR-033_H1-GR-027	H1-GR-033	H1-GR-027	1.283	1.32	0.385	2.772	0.300	5293.2	2011-08-24
H1-GR-037_H1-GR-033	H1-GR-037	H1-GR-033	0.855	1.35	0.268	2.354	0.314	3894.8	2011-08-24
H1-GR-038_H1-GR-037	H1-GR-038	H1-GR-037	0.988	1.36	0.154	2.675	0.156	1691.3	2011-08-24
H1-GR-054_H1-GR-047	H1-GR-054	H1-GR-046	1.224	1.36	0.093	3.391	0.076	1150.2	2011-08-24
H1-HA-130_H1-HA-132	PR_DH_MH1	H1-HA-132	0.796	1.18	-0.091	2.684	-0.115	-230.6	2011-08-24
H1-HA-132_H1-01-110	H1-HA-132	H1-01-110	0.848	1.18	0.106	3.836	0.125	816.6	2011-08-24
H1-HA-132A_H1-HA-132	H1-HA-132A	H1-HA-132	0.000	1.21	0.022	5.223		267.0	2011-08-24
H1-HA-135_H1-01-110	H1-HA-135	H1-01-110	0.000	1.19	0.160	3.446		1471.9	2011-08-24
H1-HA-136_H1-HA-138	H1-HA-136	H1-HA-138	0.039	1.33	0.045	8.029	1.151	541.8	2011-08-24
H1-HA-138_H1-HA-139	H1-HA-138	H1-HA-139	0.084	1.13	0.043	4.005	0.505	565.4	2011-08-24
H1-HA-138A_H1-HA-138	H1-HA-138A	H1-HA-138	0.127	1.13	-0.011	4.573	-0.084	80.1	2011-08-24
H1-HA-138B_H1-HA-138A	H1-HA-138B	H1-HA-138A	0.000	1.12	-0.003	5.382		80.1	2011-08-24
H1-HA-139_H1-HA-140	H1-HA-139	H1-HA-140	0.037	1.11	0.044	5.888	1.190	646.6	2011-08-24
H1-HA-139A_H1-HA-139	H1-HA-139A	H1-HA-139	0.226	1.11	-0.007	4.005	-0.032	58.0	2011-08-24
H1-HA-140_H1-HA-141	H1-HA-140	H1-HA-141	0.189	1.11	0.044	4.217	0.234	692.7	2011-08-24
H1-HA-140A_H1-HA-140	H1-HA-140A	H1-HA-140	0.130	1.11	-0.008	3.938	-0.064	51.4	2011-08-24
H1-HA-140B_H1-HA-140A	H1-HA-140B	H1-HA-140A	0.072	1.11	-0.001	6.362	-0.015	0.1	2011-08-24
H1-HA-140C_H1-HA-140A	H1-HA-140C	H1-HA-140A	0.026	1.11	0.003	6.362	0.114	51.5	2011-08-24
H1-HA-141_H1-JA-043	H1-HA-141	H1-JA-043	0.506	1.11	0.107	6.005	0.211	740.4	2011-08-24
H1-HU-001_H1-HU-002	H1-HU-001	H1-HU-002	0.058	7.81	0.070	0.863	1.203	803.4	2011-08-24
H1-HU-002_H1-07-013	H1-HU-002	H1-07-013	0.379	7.56	0.120	3.616	0.317	1375.7	2011-08-24
H1-HU-003_H1-HU-002	H1-HU-003	H1-HU-002	0.000	7.72	0.030	0.804		334.4	2011-08-24
H1-JA-021_H1-OB-121	H1-JA-021	H1-OB-121	1.035	1.16	0.407	3.133	0.393	1852.1	2011-08-24
H1-JA-022_H1-JA-021	H1-JA-022	H1-JA-021	1.833	1.17	0.402	2.348	0.219	1772.1	2011-08-24
H1-JA-034_H1-01-100	MH-T2-2STB	H1-01-100	1.689	1.16	0.601	4.830	0.356	5538.6	2011-08-24
H1-JA-037B_H1-JA-034	H1-JA-037B	H1-JA-034	1.219	1.13	0.515	5.467	0.422	3993.7	2011-08-24
H1-JA-043_H1-JA-037B	H1-JA-043	H1-JA-037B	1.031	1.11	0.503	4.521	0.488	3381.2	2011-08-24
H1-JA-046_H1-JA-043	H1-JA-046	H1-JA-043	3.074	1.11	-0.172	4.077	-0.056	1552.9	2011-08-24
H1-JE-026A_H1-01-080	H1-JE-026A	H1-JE-023	0.107	1.23	0.580	1.827	5.445	14206.4	2011-08-24
H1-JE-031_H1-03-180	H1-JE-031	H1-03-180	1.018	1.26	-0.491	2.088	-0.482	-12394.0	2011-08-24
H1-JE-031_H1-JE-026A	H1-JE-031	H1-JE-026A	1.570	1.24	0.560	2.633	0.357	12759.6	2011-08-24
H1-JE-032_H1-03-180	H1-JE-032	H1-03-180	5.104	1.26	0.321	2.089	0.063	4561.6	2011-08-24
H1-JE-037_H1-JE-032	H1-JE-037	H1-JE-032	0.842	1.26	0.323	2.982	0.384	4828.7	2011-08-24
H1-JE-044_H1-JE-037	H1-JE-044	H1-JE-037	0.846	1.29	0.273	2.312	0.323	3816.2	2011-08-24
H1-JE-050_H1-JE-044	H1-JE-050	H1-JE-044	0.679	1.30	0.170	2.175	0.250	2614.9	2011-08-24
H1-JE-055_H1-JE-050	H1-JE-055	H1-JE-050	0.806	1.30	0.089	2.889	0.111	1052.9	2011-08-24
H1-Junction1.1	H1-Junction1	OF-H1-V2	0.475	-0.28	0.000	1.351	0.000	0.0	2011-08-24
H1-Junction2.1	H1-Junction2	OF-H1-V2	0.475	-0.28	0.000	1.351	0.000	0.0	2011-08-24
H1-MA-010_H1-OB-100	H1-MA-010	H1-OB-100	0.999	1.19	0.242	3.876	0.242	6234.4	2011-08-24
H1-MA-027_H1-01-085	H1-MA-027	H1-01-085	1.355	1.22	0.276	2.691	0.204	2421.1	2011-08-24
H1-MA-038_H1-03-200	H1-MA-038	H1-03-200	1.462	1.23	0.325	5.117	0.222	4282.6	2011-08-24
H1-MA-041_H1-MA-038	H1-MA-041	H1-MA-038	1.570	1.23	0.223	4.173	0.142	3785.2	2011-08-24
H1-MA-048_H1-MA-041	H1-MA-044	H1-MA-041	0.530	1.25	0.200	3.356	0.378	2671.4	2011-08-24
H1-MA-054_H1-MA-048	H1-MA-054	H1-MA-048	0.566	1.26	0.092	3.268	0.162	1059.0	2011-08-24
H1-MO-010_H1-NE-030	H1-MO-010	H1-NE-030	3.429	1.17	0.188	2.168	0.055	1343.8	2011-08-24

H1-MO-033_H1-01-089	H1-MO-033	H1-01-089	0.845	1.21	-0.415	2.381	-0.492	-3671.7	2011-08-24
H1-MO-036_H1-MO-033	H1-MO-036	H1-MO-033	0.737	1.22	-0.425	3.114	-0.577	-5113.7	2011-08-24
H1-MO-043_H1-03-210	H1-MO-043	H1-03-210	0.847	1.22	0.309	4.619	0.365	3158.4	2011-08-24
H1-MO-044_H1-MO-043	H1-MO-044	H1-MO-043	1.862	1.21	0.289	5.377	0.155	2653.8	2011-08-24
H1-MO-047_H1-MO-044	H1-MO-047	H1-MO-044	5.079	1.21	0.289	2.771	0.057	2739.7	2011-08-24
H1-MO-057_H1-MO-047	H1-MO-057	H1-MO-047	1.102	1.21	0.191	3.123	0.173	2323.2	2011-08-24
H1-MO-062_H1-MO-057	H1-MO-062	H1-MO-057	0.771	1.21	0.095	4.053	0.123	1164.3	2011-08-24
H1-NE-002_H1-PA-015	H1-NE-002	H1-PA-015	0.000	0.97	0.017	1.853		6.0	2011-08-24
H1-NE-003_H1-WI-011	H1-NE-003	H1-WI-011	2.015	1.15	1.092	2.500	0.542	33455.3	2011-08-24
H1-NE-007_H1-NE-003	H1-NE-007	H1-NE-003	1.403	1.18	0.299	2.584	0.213	8127.5	2011-08-24
H1-NE-011_H1-NE-007	H1-NE-011	H1-NE-007	0.410	1.22	0.254	3.255	0.620	7020.8	2011-08-24
H1-NE-011_H1-NE-014A	H1-NE-011	H1-NE-014A	0.306	1.21	0.215	2.661	0.703	3951.2	2011-08-24
H1-NE-014A_H1-NE-017	H1-NE-014A	H1-NE-017	2.443	1.18	0.442	2.000	0.181	9189.9	2011-08-24
H1-NE-017_H1-NE-019	H1-NE-017	H1-NE-019	5.055	1.17	0.441	2.338	0.087	9150.4	2011-08-24
H1-NE-019_H1-NE-020	H1-NE-019	H1-NE-020	2.933	1.16	0.439	1.455	0.150	9115.5	2011-08-24
H1-NE-020_H1-OB-090	H1-NE-020	H1-OB-090	4.253	1.13	1.676	2.337	0.394	51516.6	2011-08-24
H1-NE-021_H1-OB-091	H1-NE-021	H1-OB-091	1.305	1.14	0.371	2.755	0.284	7330.9	2011-08-24
H1-NE-026_H1-NE-021	H1-NE-026	H1-NE-021	0.588	1.16	0.368	2.456	0.626	7119.8	2011-08-24
H1-NE-029A_H1-NE-026	H1-NE-029A	H1-NE-026	0.735	1.17	0.357	2.223	0.486	6204.8	2011-08-24
H1-NE-030_H1-NE-029A	H1-NE-030	MH-T6-NEW	0.604	1.17	0.353	3.108	0.584	5960.5	2011-08-24
H1-NE-031_H1-NE-030	H1-NE-031	H1-NE-030	2.717	1.17	0.261	1.807	0.096	4625.6	2011-08-24
H1-NE-040_H1-NE-031	H1-NE-040	H1-NE-031	0.421	1.17	0.255	1.997	0.607	4301.6	2011-08-24
H1-NE-047_H1-NE-040	H1-NE-047	H1-NE-040	0.123	1.17	0.036	2.781	0.289	362.9	2011-08-24
H1-OB-001_H1-OB-010	H1-OB-001	H1-OB-010	0.000	0.51	0.022	7.623		270.1	2011-08-24
H1-OB-010_H1-OB-008	H1-OB-010	H1-OB-008	8.196	0.35	4.868	1.721	0.594	129436.3	2011-08-24
H1-OB-031_H1-BL-009	H1-OB-031	H1-BL-009	1.701	0.82	3.853	2.203	2.265	109026.7	2011-08-24
H1-OB-050_H1-OB-031	H1-OB-050	H1-OB-031	4.392	0.93	3.237	2.251	0.737	96209.5	2011-08-24
H1-OB-050_H1-OB-050A	H1-OB-050	H1-OB-050A	0.000	0.95	0.007	1.600		3.0	2011-08-24
H1-OB-071_H1-OB-050	H1-OB-071	H1-OB-050	3.011	0.99	3.198	2.267	1.062	94481.2	2011-08-24
H1-OB-072_H1-OB-071	H1-OB-072	H1-OB-071	13.803	1.03	3.195	2.291	0.231	94593.2	2011-08-24
H1-OB-077_H1-OB-072	H1-OB-077	H1-OB-072	2.989	1.09	2.117	2.267	0.708	59603.9	2011-08-24
H1-OB-090_H1-OB-077	H1-OB-090	H1-OB-080A	1.172	1.12	2.040	2.330	1.741	58735.6	2011-08-24
H1-OB-091_H1-OB-090	H1-OB-091	H1-OB-090	0.617	1.13	0.373	2.798	0.604	7473.8	2011-08-24
H1-OB-095_H1-NE-020	H1-OB-095	H1-NE-020	1.512	1.17	0.552	4.624	0.365	14834.0	2011-08-24
H1-OB-100_H1-OB-095	H1-OB-100	H1-OB-095	8.108	1.18	0.543	1.493	0.067	14509.9	2011-08-24
H1-OB-101_H1-OB-100	MH-T5-OBS	H1-OB-100	0.357	1.18	0.365	3.433	1.023	7597.5	2011-08-24
H1-OB-116_H1-MO-010	H1-OB-116	H1-MO-010	1.228	1.18	0.182	2.783	0.149	1186.8	2011-08-24
H1-OB-116_H1-OB-101	H1-OB-116	H1-OB-101	0.811	1.18	0.318	2.517	0.392	7394.0	2011-08-24
H1-OB-117_H1-OB-116	H1-OB-117	H1-OB-116	2.455	1.17	0.509	2.393	0.207	7675.2	2011-08-24
H1-OB-121_H1-OB-117	H1-OB-121	H1-OB-117	1.679	1.17	0.504	3.696	0.300	6995.8	2011-08-24
H1-OB-121A_H1-OB-121	H1-OB-121A	H1-OB-121	0.108	1.16	-0.022	6.862	-0.207	-21.2	2011-08-24
H1-OB-122_H1-NE-040	H1-OB-122	H1-NE-040	0.676	1.16	0.239	1.535	0.354	2861.4	2011-08-24
H1-OB-122_H1-OB-121	H1-OB-122	H1-OB-121	8.080	1.16	-0.440	2.289	-0.054	4467.3	2011-08-24
H1-OB-122A_H1-OB-122	MH-T7-OBS	H1-OB-122	1.169	1.14	-0.519	2.727	-0.444	7010.4	2011-08-24
H1-OB-122B_H1-OB-122A	H1-OB-122B	H1-OB-122A	2.381	1.13	0.120	2.048	0.051	983.2	2011-08-24
H1-OB-122C_H1-OB-122A	H1-OB-122C	H1-OB-122A	0.000	1.13	0.074	2.048		792.5	2011-08-24

H1-OB-123_H1-HA-130	H1-OB-123	H1-HA-130	0.497	1.19	-0.092	3.037	-0.184	-226.3	2011-08-31
H1-OB-125_H1-OB-123	H1-OB-125	H1-OB-123	0.046	1.81	0.092	7.547	1.997	1722.7	2011-08-31
H1-OB-127_H1-OB-125	H1-OB-127	H1-OB-125	0.000	2.03	0.138	2.960		1728.1	2011-08-31
H1-PA-015_H1-OB-050	H1-PA-015	H1-OB-050	1.425	0.97	0.228	2.184	0.160	1342.1	2011-08-31
H1-PA-017_H1-01-006	H1-PA-017	H1-01-006	2.274	1.29	-0.054	3.719	-0.024	-859.5	2011-08-31
H1-PA-017_H1-01-006A	H1-PA-017	H1-01-006A	4.736	1.29	0.207	2.490	0.044	673.7	2011-08-31
H1-PA-020A_H1-OB-117	H1-PA-020A	H1-OB-117	0.000	1.19	0.018	5.541		218.3	2011-08-31
H1-PA-024_H1-PA-017	H1-PA-024	H1-PA-017	0.622	1.32	0.208	3.967	0.334	-152.7	2011-08-31
H1-PA-030_H1-PA-050	H1-PA-030	H1-PA-050	0.048	1.19	-0.018	6.028	-0.372	-95.1	2011-08-31
H1-PA-050_H1-01-115	H1-PA-050	H1-01-115	0.467	1.19	-0.280	2.736	-0.598	-836.9	2011-08-31
H1-PA-050A_H1-PA-050	H1-PA-050A	H1-PA-050	0.000	1.19	0.228	2.679		-181.4	2011-08-31
H1-PA-060_H1-01-116	H1-PA-060	H1-01-116	0.341	1.29	0.033	5.954	0.097	455.6	2011-08-31
H1-PA-061_H1-01-117	H1-PA-061	H1-01-116	0.295	1.71	0.503	4.102	1.709	19141.3	2011-08-31
H1-PA-062_H1-PA-061	H1-PA-062	H1-PA-061	0.000	4.20	0.503	9.562		20201.1	2011-08-31
H1-WA-011_H1-07-013	H1-WA-011	H1-07-013	0.000	4.62	0.016	4.582		187.1	2011-08-31
H1-WI-011_H1-OB-072	H1-WI-011	H1-OB-072	1.444	1.08	1.092	2.492	0.756	33402.1	2011-08-31
H1-WI-019_H1-NE-003	H1-WI-019	H1-NE-003	2.465	1.18	0.786	2.215	0.319	24467.0	2011-08-31
H1-WI-022_H1-01-010	H1-WI-022	H1-01-010	3.370	1.25	0.376	1.836	0.112	6707.2	2011-08-31
H1-WW.2	H1-WW	H1-Alt-Grav2	0.000	-0.06	1.115	1.573		16198.6	2011-08-31
H1-WW.4	H1-WW	H1-Alt-Grav1	0.000	-0.05	1.085	1.581		15724.9	2011-08-31
H2 REGULATOR_H2-INT-009A	H2 REGULATOR	H2-INT-009A	4.043	0.27	-0.116	2.439	-0.029	-1145.0	2011-08-31
H2-01-001_H2-01-002	H2-01-001	H2-01-002	0.150	5.54	0.164	10.848	1.094	3508.5	2011-08-31
H2-01-001A_H2-01-001	H2-01-001A	H2-01-001	0.000	6.05	0.094	12.551		1267.0	2011-08-31
H2-01-002_H2-RI-004	H2-01-002	H2-RI-004	0.141	3.84	0.178	9.467	1.267	3835.6	2011-08-31
H2-01-003_H2-NE-010B	H2-01-003	H2-NE-010B	1.273	0.78	0.291	1.896	0.229	5928.8	2011-08-31
H2-02-003_H2-RI-005	H2-02-003	H2-RI-005	0.000	2.74	0.054	11.091		713.9	2011-08-31
H2-05-001_H2-WA-007	H2-05-001	H2-WA-007	0.000	3.80	0.051	2.157		623.2	2011-08-31
H2-05-002_H2-05-001	H2-05-002	H2-05-001	0.000	3.87	0.008	2.432		101.3	2011-08-31
H2-06-003_H2-WA-009	H2-06-003	H2-WA-009	0.110	7.01	0.146	5.058	1.322	1792.5	2011-08-31
H2-06-004_H2-06-003	H2-06-004	H2-06-003	0.000	7.98	0.043	8.866		527.5	2011-08-31
H2-CO-003_H2-01-001	H2-CO-003	H2-01-001	0.000	6.35	0.078	13.537		1015.2	2011-08-31
H2-CO-004AA_H2-CO-003	H2-CO-004AA	H2-CO-003	0.000	6.69	0.045	14.635		599.8	2011-08-31
H2-HP-001A_H2-HP-004	H2-HP-001A	H2-HP-004	0.077	2.18	0.120	5.825	1.552	1572.3	2011-08-31
H2-HP-004_H2-RI-009	H2-HP-004	H2-RI-009	0.133	1.41	0.194	3.834	1.458	2983.8	2011-08-31
H2-HP-008A_H2-HP-004	H2-HP-008A	H2-HP-004	0.112	2.00	0.058	5.825	0.517	696.6	2011-08-31
H2-INT-001_H2-INT-002	H2-INT-001	H2-INT-002	5.406	0.25	-0.131	2.189	-0.024	-1206.3	2011-08-31
H2-INT-001A_H2-INT-001	H2-INT-001A	H2-INT-001	0.848	0.25	-0.131	1.977	-0.155	-1181.9	2011-08-31
H2-INT-002_H2-INT-003	H2-INT-002	H2-INT-003	0.000	0.25	-0.131	0.528		-1230.4	2011-08-31
H2-INT-003_H2-INT-004	H2-INT-003	H2-INT-004	9.060	0.26	-0.132	2.046	-0.015	-1223.4	2011-08-31
H2-INT-004_H2-INT-005	H2-INT-004	H2-INT-005	3.968	0.26	-0.132	2.196	-0.033	-1242.8	2011-08-31
H2-INT-005_H2-INT-006	H2-INT-005	H2-INT-006	5.087	0.26	-0.132	2.016	-0.026	-1252.0	2011-08-31
H2-INT-006_H2-INT-007	H2-INT-006	H2-INT-007	5.496	0.26	-0.132	2.297	-0.024	-1306.7	2011-08-31
H2-INT-007_H2 REGULATOR	H2-INT-007	H2 REGULATOR	2.773	0.27	-0.116	2.759	-0.042	-1050.6	2011-08-31
H2-INT-009_H2-INT-010	H2-INT-009	H2-INT-010	0.908	0.28	-0.117	2.370	-0.128	-1343.6	2011-08-31
H2-INT-009A_H2-INT-009	H2-INT-009A	H2-INT-009	0.853	0.28	-0.117	2.442	-0.137	-1299.7	2011-08-31

H2-INT-010_H3-INT-001	H2-INT-010	H3-INT-001	3.060	0.28	-0.117	2.769	-0.038	-1377.0	2011-08-24
H2-NE-004_H2-NE-005	H2-NE-004	H2-NE-005	1.157	0.88	-0.480	2.779	-0.415	-6747.5	2011-08-24
H2-NE-004_H2-NE-010	H2-NE-004	H2-NE-010	1.554	0.82	0.578	2.308	0.372	7996.3	2011-08-24
H2-NE-005_H2-NE-007	H2-NE-005	H2-NE-007	1.314	0.91	-0.465	2.645	-0.354	-6599.2	2011-08-24
H2-NE-007_H2-WA-001	H2-NE-007	H2-WA-001	1.348	0.96	-0.446	2.474	-0.331	-6398.1	2011-08-24
H2-NE-010B_H2-NE-010	H2-NE-010B	H2-NE-010	2.316	0.77	0.291	2.308	0.126	5918.3	2011-08-24
H2-NE-013_H2-RI-009	H2-NE-013	H2-RI-009	0.150	0.94	0.046	11.780	0.306	598.2	2011-08-24
H2-NE-020.1	H2-NE-020	H2	0.852	0.32	-0.004	2.605	-0.005	-28.9	2011-08-24
H2-OF.1	H2-NE-010	H2	0.383	0.62	1.221	2.124	3.186	18803.7	2011-08-24
H2-RI-004_H2-01-003	H2-RI-004	H2-01-003	0.096	1.88	0.266	7.071	2.764	5607.1	2011-08-24
H2-RI-005_H2-RI-004	H2-RI-005	H2-RI-004	0.000	2.40	0.109	7.980		1445.3	2011-08-24
H2-RI-009_H2-NE-010	H2-RI-009	H2-NE-010	3.135	0.77	0.297	1.923	0.095	4309.3	2011-08-24
H2-WA-0000_H1-BL-090	H2-WA-0000	H1-BL-090	0.148	3.37	0.014	6.047	0.092	170.2	2011-08-24
H2-WA-001_H2-WA-003	H2-WA-001	H2-WA-003	2.033	0.99	-0.390	2.220	-0.192	-5619.6	2011-08-24
H2-WA-003_H2-WA-004	H2-WA-003	H2-WA-004	1.531	1.34	-0.331	0.385	-0.216	-4969.1	2011-08-24
H2-WA-004_H2-03-020	H2-WA-004	H2-03-020	0.553	1.93	-0.331	0.550	-0.599	-4943.9	2011-08-24
H2-WA-005A_H2-03-020	H2-WA-005A	H2-03-020	1.270	3.07	0.346	0.326	0.273	4419.2	2011-08-24
H2-WA-007_H2-WA-005A	H2-WA-007	H2-WA-005A	1.393	3.46	0.304	0.326	0.218	3823.3	2011-08-24
H2-WA-009_H2-WA-007	H2-WA-009	H2-WA-007	1.840	4.51	0.212	0.302	0.115	2679.8	2011-08-24
H2-WA-010_H2-WA-009	H2-WA-010	H2-WA-009	0.120	4.87	0.034	0.898	0.282	418.9	2011-08-24
H2-WA-011_H2-WA-010	H2-WA-011	H2-WA-010	0.065	5.00	0.023	0.832	0.356	291.2	2011-08-24
H2-WA-012_H2-WA-011	H2-WA-012	H2-WA-011	0.069	5.18	0.023	0.739	0.332	277.8	2011-08-24
H2-WA-013_H2-WA-0000	H2-WA-013	H2-WA-0000	0.190	5.23	0.014	1.039	0.074	170.4	2011-08-24
H2-WW.1	H2-WW	H2-OF	0.000	0.06	1.204	0.923		18356.3	2011-08-24
H3-02-001_H3-HU-001	H3-02-001	H3-HU-001	0.000	3.60	0.015	0.596		186.8	2011-08-24
H3-03-002_H3-RI-006	H3-03-002	H3-RI-006	4.671	0.38	1.439	1.968	0.308	34886.6	2011-08-24
H3-03-004_H3-03-002	H3-03-004	H3-03-002	0.563	0.64	1.382	1.451	2.456	34185.6	2011-08-24
H3-03-006_H3-CO-004	H3-03-006	H3-CO-004	3.020	0.85	1.071	1.756	0.355	30313.0	2011-08-24
H3-03-007_H1-03-003A	H3-03-007	H1-03-003A	1.114	1.11	1.016	2.531	0.912	28410.1	2011-08-24
H3-03-009_H3-03-007	H3-03-009	H3-03-007	1.161	1.17	1.014	1.975	0.874	28366.9	2011-08-24
H3-03-010_H3-03-009	H3-03-010	H3-03-009	0.479	1.22	1.014	3.193	2.117	28381.5	2011-08-24
H3-03-015_H3-03-010	H3-03-015	H3-03-010	1.424	1.31	1.270	2.056	0.892	26796.4	2011-08-24
H3-03-015_H3-PA-025	H3-03-015	H3-PA-025	1.958	1.32	-0.214	4.081	-0.109	-2322.8	2011-08-24
H3-03-020.1	H3-03-020	H3	5.554	0.06	-0.164	0.933	-0.030	-25.2	2011-08-24
H3-03-022_H3-03-022A	H3-03-022	H3-03-022A	4.477	1.31	0.846	4.610	0.189	14428.5	2011-08-24
H3-03-022A_H3-03-015	H3-03-022A	H3-03-015	0.855	1.32	0.982	2.545	1.149	18935.1	2011-08-24
H3-03-022A_H3-WI-038AB	H3-03-022A	H3-WI-038AB	1.237	1.32	0.270	3.996	0.218	5225.9	2011-08-24
H3-03-040.1	H3-03-040	H3-03-020	1.945	0.06	-0.135	0.633	-0.070	-10.6	2011-08-24
H3-03-050.1	H3-03-050	H3-03-040	1.204	0.06	-0.014	0.712	-0.012	-1.9	2011-08-24
H3-05-090_H3-WI-022	H3-WI-015	H3-WI-022	0.881	1.39	0.341	3.639	0.387	7302.9	2011-08-24
H3-05-100_H3-05-090	H3-05-100	H3-05-090	0.367	1.41	0.209	2.332	0.569	3531.9	2011-08-24
H3-05-100_H3-CL-013	H3-05-100	H3-CL-013	0.487	1.35	-0.155	9.025	-0.319	-361.6	2011-08-24
H3-CL-001_H3-CL-003	H3-CL-001	H3-CL-003	0.644	1.44	0.099	5.291	0.154	1007.3	2011-08-24
H3-CL-003_H3-CL-004	H3-CL-003	H3-CL-004	0.698	1.42	0.093	4.269	0.133	1062.0	2011-08-24
H3-CL-004_H3-CL-007	H3-CL-004	H3-CL-007	1.118	1.42	-0.186	2.546	-0.166	1060.6	2011-08-24
H3-CL-007_H3-CL-011	H3-CL-007	H3-CL-011	0.186	1.42	0.189	2.553	1.017	2707.3	2011-08-24

H3-CL-011_H3-05-100	H3-CL-011	H3-05-100	0.990	1.42	0.237	2.287	0.240	2703.5	2011-08-24
H3-CL-013_H3-CL-015A	H3-CL-013	H3-CL-015A	0.437	1.33	-0.155	2.959	-0.355	-295.7	2011-08-24
H3-CL-015A_H1-CL-036	H3-CL-015A	H1-CL-036	0.963	1.32	0.156	3.507	0.162	-171.8	2011-08-24
H3-CO-001_H3-CO-004	H3-CO-001	H3-CO-004	0.026	6.48	0.048	7.278	1.858	631.3	2011-08-24
H3-CO-004_H3-03-004	H3-CO-004	H3-03-004	2.595	0.79	1.176	1.926	0.453	31670.8	2011-08-24
H3-CO-006_H3-CO-004	H3-CO-006	H3-CO-004	0.060	5.53	0.048	0.670	0.789	631.4	2011-08-24
H3-GA-001_H1-01-021	H3-GA-001	H1-01-021	1.380	1.17	0.546	2.327	0.395	9806.9	2011-08-24
H3-GA-001_H3-GA-004	H3-GA-001	H3-GA-004	1.262	1.23	-0.655	2.495	-0.519	-9606.4	2011-08-24
H3-GA-004_H3-03-010	H3-GA-004	H3-03-010	1.454	1.29	-0.599	3.288	-0.412	-8596.6	2011-08-24
H3-GA-013C_H3-03-010	H3-GA-013C	H3-03-010	1.049	1.47	0.767	3.290	0.731	8774.2	2011-08-24
H3-GA-014_H3-GA-013C	H3-GA-014	H3-GA-013C	0.433	1.59	0.653	3.191	1.506	7520.4	2011-08-24
H3-GA-015A_H3-GA-014	H3-GA-015A	H3-GA-014	1.311	1.74	0.624	3.220	0.476	7206.7	2011-08-24
H3-GA-018A_H3-GA-015A	H3-GA-018A	H3-GA-015A	0.552	1.85	0.553	3.778	1.002	6433.4	2011-08-24
H3-GA-023_H3-GA-018A	H3-GA-023	H3-GA-018A	1.391	1.94	0.502	2.900	0.360	5719.5	2011-08-24
H3-GA-028_H3-GA-023	H3-GA-028	H3-GA-023	1.165	1.99	0.426	2.293	0.366	4283.5	2011-08-24
H3-GA-033_H3-GA-028	H3-GA-033	H3-GA-028	1.428	2.01	0.345	1.797	0.242	2799.1	2011-08-24
H3-GA-037_H3-GA-033	H3-GA-037	H3-GA-033	0.810	2.02	0.159	0.990	0.197	1154.7	2011-08-24
H3-HU-001_H3-03-004	H3-HU-001	H3-03-004	0.179	3.50	0.023	6.070	0.131	285.1	2011-08-24
H3-HU-004_H3-03-004	H3-HU-004	H3-03-004	0.000	0.79	0.024	6.295		307.8	2011-08-24
H3-INT-001_H3-INT-002	H3-INT-001	H3-INT-002	0.000	0.28	-0.117	2.781		-1412.5	2011-08-24
H3-INT-002_H3 REGULATOR	H3-INT-002	H3-INT-003A	3.594	0.28	-0.117	3.325	-0.032	-1442.9	2011-08-24
H3-INT-003_H3-INT-004	H3-INT-003	H3-INT-004	6.260	-0.36	0.318	1.978	0.051	12868.0	2011-08-24
H3-INT-003A_H3 REGULATOR	H3-INT-003A	H3	5.802	0.10	1.402	3.126	0.242	34618.5	2011-08-24
H3-INT-004_H3-INT-005	H3-INT-004	H3-INT-005	5.518	-0.37	0.299	1.873	0.054	12864.8	2011-08-24
H3-INT-005_H3-INT-006	H3-INT-005	H3-INT-006	1.980	-0.37	0.279	1.973	0.141	12853.9	2011-08-24
H3-INT-006_H3-INT-007	H3-INT-006	H3-INT-007	2.683	-0.37	0.269	2.015	0.100	12837.6	2011-08-24
H3-PA-001_H3-PA-004	H3-PA-001	H3-PA-004	0.359	1.54	-0.124	2.191	-0.344	998.9	2011-08-24
H3-PA-004_H3-PA-009	H3-PA-004	H3-PA-009	0.760	1.53	-0.244	2.718	-0.320	2640.5	2011-08-24
H3-PA-009_H3-PA-012	H3-PA-009	H3-PA-012	0.869	1.48	0.310	2.545	0.357	3552.6	2011-08-24
H3-PA-012_H3-03-015	H3-PA-012	H3-03-015	0.549	1.42	0.406	2.604	0.739	4594.9	2011-08-24
H3-PA-025_H1-PA-024	H3-PA-025	H1-PA-024	1.031	1.32	-0.211	3.031	-0.205	-2138.3	2011-08-24
H3-RI-001_H3-RI-002	H3-RI-001	H3-RI-002	0.072	0.38	0.019	1.370	0.265	324.9	2011-08-24
H3-RI-002_H3-RI-003	H3-RI-002	H3-RI-003	0.051	0.37	0.019	1.590	0.374	324.7	2011-08-24
H3-RI-003_H3-RI-006	H3-RI-003	H3-RI-006	0.257	0.36	0.020	3.226	0.078	405.5	2011-08-24
H3-WI-002_H3-WI-005	H3-WI-002	H3-WI-005	1.684	1.47	0.088	2.786	0.052	1043.9	2011-08-24
H3-WI-005_H3-WI-010	H3-WI-005	H3-WI-010	0.697	1.43	0.093	3.729	0.133	1025.9	2011-08-24
H3-WI-010_H3-05-090	H3-WI-010	H3-05-090	0.642	1.43	0.223	2.798	0.347	2521.9	2011-08-24
H3-WI-022_H3-03-022A	H3-WI-022	H3-03-022A	1.612	1.36	0.439	3.488	0.272	8583.7	2011-08-24
H3-WI-038AB_H1-02-038A	H3-WI-038AB	H1-02-038A	0.493	1.30	0.275	3.451	0.558	5580.3	2011-08-24
H3-WW.1	H3-IC	H3-INT-003	4.965	-0.36	0.301	2.493	0.061	12871.6	2011-08-24
H3-WW_OF-H4-TG2	H3-WW	OF-H4-TG2	3.876	0.05	1.155	0.804	0.298	21667.0	2011-08-24
H4 REGULATOR_HWF-INT-012	H3-INT-007	HWF-INT-012	1.625	-0.38	0.444	2.053	0.273	21880.5	2011-08-24
H4-04-002_H4-04-003	H4-04-002	H4-04-003	9.290	1.47	0.036	2.800	0.004	208.9	2011-08-24
H4-04-003_H4-04-010	H4-04-003	H4-04-010	11.296	0.26	2.665	0.732	0.236	41521.2	2011-08-24
H4-04-004_H4-04-003	H4-04-004	H4-04-003	11.071	0.40	2.585	0.535	0.233	41069.5	2011-08-24
H4-04-005_H4-04-004	H4-04-005	H4-04-004	4.256	0.57	2.435	0.621	0.572	39444.1	2011-08-24

H4-04-006_H4-04-005	H4-04-006	H4-04-005	17.025	0.68	2.448	1.042	0.144	37453.0	2011-08-31
H4-04-007_H4-04-006	H4-04-007	H4-04-006	8.515	0.71	2.456	0.720	0.288	37443.1	2011-08-31
H4-04-008_H4-04-007	H4-04-008	H4-04-007	3.214	0.87	2.431	0.977	0.756	37344.8	2011-08-31
H4-04-010_H4	H4-04-010	H4	8.466	0.15	2.702	0.681	0.319	41892.8	2011-08-31
H4-07-080_H4-GA-005	H4-07-080	H4-GA-005	6.710	1.16	2.271	1.101	0.338	36422.5	2011-08-31
H4-07-090_H4-07-080	H4-07-090	H4-07-080	5.935	1.21	2.260	1.204	0.381	36362.4	2011-08-31
H4-07-090_H4-07-090A	H4-07-090A	H4-07-090	7.063	1.26	1.729	1.648	0.245	31848.3	2011-08-31
H4-07-100_H4-07-090A	H4-07-100	H4-07-090A	1.016	1.29	0.445	5.017	0.438	5851.1	2011-08-31
H4-07-140_H4-CL-027	H4-07-140	H4-CL-027	5.704	1.31	1.375	1.319	0.241	23958.6	2011-08-31
H4-07-150_H4-07-150A	H4-07-150	H4-07-150A	8.496	1.33	1.251	1.372	0.147	20327.3	2011-08-31
H4-07-150A_H4-07-140	H4-07-150A	H4-07-140	1.367	1.32	1.292	1.330	0.945	21381.3	2011-08-31
H4-07-160_H4-07-150	H4-07-160	H4-07-150	3.764	1.34	1.204	1.375	0.320	18900.4	2011-08-31
H4-07-170_H4-07-160	H4-07-170	H4-07-160	1.661	1.34	1.126	1.968	0.678	16580.5	2011-08-31
H4-07-180_H4-07-170	H4-07-180	H4-07-170	1.873	1.35	0.946	1.985	0.505	11398.1	2011-08-31
H4-07-190_H4-MA-015	H4-07-190	H4-MA-015	1.828	1.35	0.650	1.491	0.356	8457.5	2011-08-31
H4-07-200_H4-07-190	H4-07-200	H4-07-190	1.367	1.35	0.403	1.423	0.295	6349.5	2011-08-31
H4-AD-002_H4-AD-011	H4-AD-010	H4-AD-011	0.704	1.35	0.112	2.287	0.159	959.6	2011-08-31
H4-AD-011_H4-07-160	H4-AD-011	H4-07-160	0.393	1.35	0.179	3.227	0.456	2010.3	2011-08-31
H4-CL-001_H4-CL-004	H4-CL-001	H4-CL-004	0.347	1.47	0.080	3.112	0.230	873.2	2011-08-31
H4-CL-004_H4-CL-009	H4-CL-004	H4-CL-009	0.287	1.46	0.080	1.839	0.277	853.9	2011-08-31
H4-CL-009_H4-CL-013	H4-CL-009	H4-CL-013	0.634	1.44	0.170	2.079	0.267	1773.7	2011-08-31
H4-CL-013_H4-CL-016	H4-CL-013	H4-CL-016	0.391	1.40	0.202	2.754	0.516	2094.3	2011-08-31
H4-CL-016_H4-CL-017	H4-CL-016	H4-CL-017	0.981	1.35	0.235	2.750	0.240	2452.7	2011-08-31
H4-CL-017_H4-07-140	H4-CL-017	H4-07-140	0.761	1.33	0.235	3.787	0.309	2410.0	2011-08-31
H4-CL-018_H4-CL-022	H4-CL-020	H4-CL-022	0.091	1.46	0.117	4.057	1.280	994.5	2011-08-31
H4-CL-022_H4-CL-027	H4-CL-022	H4-CL-027	0.123	1.42	0.168	2.787	1.366	1945.2	2011-08-31
H4-CL-027_H4-07-090A	H4-CL-027	H4-07-090A	8.501	1.30	1.529	1.662	0.180	26187.9	2011-08-31
H4-GA-002_H4-04-008	H4-GA-002	H4-04-008	5.860	0.97	2.418	1.168	0.413	37326.6	2011-08-31
H4-GA-004_H4-GA-002	H4-GA-004	H4-GA-002	3.978	1.05	2.368	1.279	0.595	36982.6	2011-08-31
H4-GA-005_H4-GA-004	H4-GA-005	H4-GA-004	7.585	1.12	2.314	1.290	0.305	36721.8	2011-08-31
H4-GR-009_H4-07-150A	H4-GR-008	H4-07-150A	1.125	1.33	0.121	1.880	0.107	878.8	2011-08-31
H4-GR-010_H4-07-150	H4-GR-010	H4-07-150	0.457	1.34	0.149	2.943	0.327	1373.7	2011-08-31
H4-GR-011_H4-GR-010	H4-GR-011	H4-GR-010	0.481	1.35	0.134	3.065	0.278	950.1	2011-08-31
H4-GR-012_H4-GR-011	H4-GR-012	H4-GR-011	0.325	1.35	0.068	4.196	0.208	91.6	2011-08-31
H4-HA-001_H4-07-200	H4-HA-001	H4-07-200	0.641	1.35	0.106	3.639	0.166	970.2	2011-08-31
H4-HA-003_H4-HA-001	H4-HA-003	H4-HA-001	0.287	1.35	0.101	3.166	0.353	850.2	2011-08-31
H4-HA-004_H4-HA-003	H4-HA-004	H4-HA-003	0.346	1.35	-0.008	4.885	-0.022	178.5	2011-08-31
H4-HA-007_H4-HA-004	H4-HA-007	H4-HA-004	0.057	1.35	0.005	4.803	0.094	111.2	2011-08-31
H4-HU-001_H4-04-004	H4-HU-001	H4-04-004	14.891	5.89	0.102	1.557	0.007	1079.9	2011-08-31
H4-HU-002_H4-HU-001	H4-HU-002	H4-HU-001	0.000	6.29	0.072	0.927		742.2	2011-08-31
H4-JA-002_H1-JA-046	MH-T5-5STB	H1-JA-046	4.494	1.11	-0.208	3.402	-0.046	773.0	2011-08-31
H4-JA-002_H4-JA-003	H4-JA-002	H4-JA-003	0.100	1.15	0.067	7.595	0.669	-727.8	2011-08-31
H4-JA-003_H4-JA-004	H4-JA-003	H4-JA-004	0.090	1.30	0.071	10.065	0.788	-618.2	2011-08-31
H4-JA-004_H4-JA-006	H4-JA-004	H4-JA-006	1.741	1.33	-0.203	3.866	-0.117	-22.8	2011-08-31
H4-JA-006_H4-07-200	H4-JA-006	H4-07-200	1.361	1.35	0.221	2.457	0.163	1960.6	2011-08-31

H4-JA-009_H4-07-200	H4-JA-009	H4-07-200	0.289	1.39	0.292	3.619	1.012	3315.1	2011-08-24
H4-JA-011_H4-JA-009	H4-JA-011	H4-JA-009	0.426	1.41	0.109	4.305	0.255	1279.1	2011-08-24
H4-JE-005_H4-07-170	H4-JE-005	H4-07-170	0.711	1.37	0.283	3.316	0.398	4853.4	2011-08-24
H4-JE-007_H4-JE-005	H4-JE-007	H4-JE-005	0.297	1.41	0.186	3.402	0.626	3568.6	2011-08-24
H4-JE-007_H5-JE-742	H4-JE-007	H5-JE-742	0.343	1.42	-0.143	3.519	-0.417	-2788.5	2011-08-24
H4-MA-001_H4-MA-006	H4-MA-001	H4-MA-006	0.374	1.33	0.289	4.925	0.774	1510.7	2011-08-24
H4-MA-006_H4-07-180	H4-MA-006	H4-07-180	0.375	1.34	0.315	4.134	0.839	2817.7	2011-08-24
H4-MA-008_H4-MA-015	H4-MA-008	H4-MA-015	1.755	1.35	-0.043	4.863	-0.025	-126.0	2011-08-24
H4-MA-015_H4-07-180	H4-MA-015	H4-07-180	6.278	1.35	0.658	2.080	0.105	8599.7	2011-08-24
H4-MO-001_H4-07-190	H4-MO-001	H4-07-190	3.493	1.35	0.169	3.174	0.048	1969.7	2011-08-24
H4-MO-002A_H4-MO-001	H4-MO-002A	H4-MO-001	0.681	1.35	0.186	4.094	0.273	1721.2	2011-08-24
H4-MO-004_H4-MO-002A	H4-MO-004	H4-MO-002A	0.521	1.35	0.120	4.849	0.230	852.6	2011-08-24
H4-PA-005_H4-07-090	H4-PA-004	H4-07-090	1.442	1.32	0.490	2.464	0.340	4211.8	2011-08-24
H4-PA-005_H4-WI-013	H4-PA-005	H4-WI-013	0.925	1.37	0.166	2.210	0.179	689.3	2011-08-24
H4-PA-008_H4-PA-005	H4-PA-008	H4-PA-005	0.129	1.38	0.333	1.397	2.578	3609.9	2011-08-24
H4-PA-011_H4-PA-008	H4-PA-011	H4-PA-008	3.193	1.38	0.234	1.397	0.073	2373.3	2011-08-24
H4-PA-012_H4-PA-011	H4-PA-012	H4-PA-011	0.805	1.39	0.138	2.040	0.172	1507.7	2011-08-24
H4-PA-016_H4-PA-012	H4-PA-016	H4-PA-012	1.896	2.13	0.095	1.098	0.050	1015.8	2011-08-24
H4-WI-001_H4-WI-004	H4-WI-001	H4-WI-004	0.401	1.42	0.080	2.164	0.200	900.5	2011-08-24
H4-WI-004_H4-WI-005	H4-WI-004	H4-WI-005	1.077	1.42	0.080	1.410	0.074	899.6	2011-08-24
H4-WI-005_H4-WI-009	H4-WI-005	H4-WI-009	1.047	1.42	0.199	1.818	0.190	2192.8	2011-08-24
H4-WI-009_H4-WI-013	H4-WI-009	H4-WI-013	1.057	1.40	0.317	2.210	0.300	3491.3	2011-08-24
H4-WI-013_H4-07-100	H4-WI-013	H4-07-100	2.223	1.36	0.405	4.085	0.182	5465.3	2011-08-24
H4-WW.2	H4-WW	OF-H4-TG2	0.000	0.05	2.542	0.633		32807.5	2011-08-24
H5_GC to H5_OF Original	H5_Inflow_Dummy	H5_Outflow_Dummy	0.000	-0.32	1.961	0.826		45004.4	2011-08-24
H5_GC.3	H5-SF	H5_GC	14.198	-0.28	1.963	0.154	0.138	45137.0	2011-08-24
H5_TideGate.1	H5_OF	Outfall6	0.000	-0.59	1.960	0.322		44877.3	2011-08-24
H5_WW.3	H5-WW	H5-SF	0.000	0.07	1.964	0.495		45145.7	2011-08-24
H5-09-444_H5-WA-440	H5-09-444	H5-WA-440	0.264	5.08	0.013	1.688	0.050	142.6	2011-08-24
H5-09-804_H4-MO-004	H5-09-804	H4-MO-004	0.020	1.46	0.014	9.190	0.733	252.2	2011-08-24
H5-10-446_H5-WA-400	H5-10-446	H5-WA-400	0.194	2.71	0.013	4.293	0.068	142.2	2011-08-24
H5-11-010_H5-INT-008A	H5-11-010	H5-INT-008A	1.089	0.88	1.064	2.196	0.976	31613.1	2011-08-24
H5-11-010_H5-WA-350	H5-11-010	H5-WA-350	2.626	2.21	-0.559	3.477	-0.213	-19644.6	2011-08-24
H5-11-015_H5-11-010	H5-11-015	H5-11-010	1.609	2.84	1.178	2.123	0.732	13372.0	2011-08-24
H5-11-020.1	H5-INT-008A	H5	5.173	0.40	1.064	1.048	0.206	31663.3	2011-08-24
H5-11-316_H5-WA-350	H5-11-316	H5-WA-350	1.781	2.21	0.277	1.457	0.155	2703.7	2011-08-24
H5-11-318_H5-11-316	H5-11-318	H5-11-316	0.497	2.22	0.258	2.349	0.520	2529.5	2011-08-24
H5-11-510_H5-11-009	H5-11-510	H5-11-009	17.063	1.37	0.796	1.332	0.047	22687.5	2011-08-24
H5-11-520_H5-11-510	H5-11-520	H5-11-510	3.626	1.38	0.785	1.334	0.217	22466.8	2011-08-24
H5-11-530_H5-11-520	H5-11-530	H5-11-520	0.000	1.38	0.784	1.297		22548.2	2011-08-24
H5-11-560_H5-11-530	H5-11-560	H5-11-530	10.436	1.38	0.725	1.299	0.069	20177.8	2011-08-24
H5-11-580_H5-11-560	H5-11-580	H5-11-560	6.543	1.38	0.682	1.010	0.104	18917.8	2011-08-24
H5-11-580_H6-PA-582	H5-11-580	H6-PA-582	0.437	1.52	-0.108	8.604	-0.246	-9246.0	2011-08-24
H5-11-620_H5-11-580	H5-11-620	H5-11-580	6.860	1.38	0.549	1.226	0.080	9027.2	2011-08-24
H5-11-620_H5-WI-624	H5-11-620	H5-WI-624	0.963	1.45	-0.252	5.265	-0.262	-2786.9	2011-08-24
H5-11-630_H5-11-620	H5-11-630	H5-11-620	10.118	1.38	0.465	0.931	0.046	6323.7	2011-08-24

H5-11-640_H5-11-630	H5-11-640	H5-11-630	4.380	1.38	0.442	1.199	0.101	5785.0	2011-08-24
H5-11-640A_H7-SIP-006	H5-11-640A	H7-SIP-006	0.914	0.49	0.613	0.919	0.671	35956.2	2011-08-24
H5-11-650_H5-11-640	H5-11-650	H5-11-640	0.000	1.38	0.699	0.862		8476.2	2011-08-24
H5-11-670_H5-11-650	H5-11-670	H5-11-650	1.632	1.38	0.652	1.206	0.399	6777.7	2011-08-24
H5-11-670_H5-GR-678	H5-11-670	H5-GR-678	0.429	1.39	-0.091	3.628	-0.212	-870.8	2011-08-24
H5-11-691_H5-11-670	H5-11-691	H5-11-670	2.929	1.38	0.624	1.719	0.213	4805.5	2011-08-24
H5-11-710_H5-11-691	H5-11-710	H5-11-691	3.752	1.37	0.702	1.245	0.187	5222.9	2011-08-24
H5-11-720_H5-11-710	H5-11-720	H5-11-710	3.751	1.37	0.698	1.227	0.186	5133.5	2011-08-24
H5-11-730_H5-11-720	H5-11-730	H5-11-720	3.001	1.37	0.626	1.201	0.209	4581.8	2011-08-24
H5-11-730_H5-JE-734	H5-11-730	H5-JE-734	0.733	1.37	0.104	3.475	0.143	719.3	2011-08-24
H5-11-750_H5-11-730	H5-11-750	H5-11-730	3.609	1.36	0.590	2.251	0.164	4352.5	2011-08-24
H5-11-780_H5-11-750	H5-11-780	H5-11-750	1.090	1.36	0.204	1.661	0.188	3590.4	2011-08-24
H5-11-780_H5-MO-794	H5-11-780	H5-MO-794	0.737	1.36	-0.179	3.724	-0.243	-2099.5	2011-08-24
H5-11-788_H5-11-780	H5-11-788	H5-11-780	0.787	1.36	0.055	3.275	0.070	761.0	2011-08-24
H5-12-013_H5-HU-012	H5-12-013	H5-HU-012	7.570	1.69	0.050	1.644	0.007	1232.9	2011-08-24
H5-12-594_H5-12-599	H5-12-594	H5-12-599	0.069	2.05	0.057	3.068	0.835	630.6	2011-08-24
H5-12-599_H5-12-602	H5-12-599	H5-12-602	0.433	1.99	0.057	1.540	0.133	630.4	2011-08-24
H5-12-608_H5-12-602	H5-12-608	H5-12-602	0.093	1.90	-0.144	3.923	-1.536	-1579.8	2011-08-24
H5-12-786_H5-MO-784	H5-12-786	H5-MO-784	0.590	1.36	-0.002	2.669	-0.003	46.4	2011-08-24
H5-AD-698_H5-11-691	H5-AD-698	H5-11-691	0.293	1.37	-0.086	3.114	-0.294	-704.0	2011-08-24
H5-AD-712_H5-11-710	H5-AD-712	H5-11-710	0.071	1.37	0.009	6.139	0.127	96.9	2011-08-24
H5-AD-717_H5-11-720	H5-AD-714	H5-11-720	0.051	1.37	0.076	6.008	1.483	571.8	2011-08-24
H5-AT-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.75	0.182	0.655	0.087	1961.6	2011-08-24
H5-BL-334_H5-11-318	H5-BL-334	H5-11-318	0.379	2.24	0.159	2.348	0.421	1517.9	2011-08-24
H5-BL-346_H5-BL-334	H5-BL-346	H5-BL-334	0.533	2.24	0.058	2.287	0.109	563.0	2011-08-24
H5-BL-354_H5-BL-346	H5-BL-354	H5-BL-346	0.136	2.79	0.034	3.040	0.251	380.3	2011-08-24
H5-CL-648_H5-11-640	H5-CL-648	H5-11-640	0.306	1.36	-0.261	3.407	-0.855	-2628.9	2011-08-24
H5-CL-662_H5-11-650	H5-CL-662	H5-11-650	0.427	1.45	0.124	3.016	0.291	1363.8	2011-08-24
H5-CP-071_H5-HU-151	H5-CP-071	H5-HU-151	1.016	6.73	0.446	2.586	0.439	4840.7	2011-08-24
H5-CP-097_H5-CP-071	H5-CP-097	H5-CP-071	1.167	7.47	0.448	1.023	0.383	4842.8	2011-08-24
H5-CP-104_H5-CP-097	H5-CP-104	H5-CP-097	0.245	14.40	0.120	2.013	0.492	1514.0	2011-08-24
H5-CP-112_H5-CP-104	H5-CP-112	H5-CP-104	0.030	14.70	0.036	1.051	1.192	576.1	2011-08-24
H5-CP-112_H5-ST-254	H5-CP-112	H5-ST-254	1.952	14.54	0.288	0.552	0.148	3183.7	2011-08-24
H5-Discharge1	H5_Outflow	H5_Outflow_Dummy	0.000	-0.33	-0.001	1.290		0.0	2011-08-24
H5-GA-001A_H6-GA-562	H6-GA-001A	H5-GA-562	0.097	2.21	0.057	0.867	0.589	233.2	2011-08-24
H5-GA-562_H5-11-560	H5-GA-562	H5-11-560	0.899	1.81	0.148	5.654	0.165	1204.6	2011-08-24
H5-GR-674_H5-11-670	H5-GR-674	H5-11-670	0.674	1.38	0.046	2.952	0.069	114.8	2011-08-24
H5-GR-682_H5-GR-678	H5-GR-682	H5-GR-678	1.236	1.39	0.091	3.631	0.074	894.2	2011-08-24
H5-GR-684_H5-GR-682	H5-GR-684	H5-GR-682	2.268	1.40	0.060	1.649	0.027	589.6	2011-08-24
H5-GR-688_H5-GR-682	H5-GR-688	H5-GR-682	2.219	1.40	0.004	3.921	0.002	35.8	2011-08-24
H5-HU-007_H5-HU-012	H5-HU-007	H5-HU-012	0.369	1.52	0.102	1.644	0.277	544.4	2011-08-24
H5-HU-007_H6-HU-001	H5-HU-007	H6-HU-001	1.277	1.53	0.060	1.682	0.047	335.0	2011-08-24
H5-HU-010_H5-11-009	H5-HU-010	H5-11-009	0.293	1.38	0.259	2.932	0.883	3273.1	2011-08-24
H5-HU-012_H5-HU-010	H5-HU-012	H5-HU-010	0.638	1.49	0.243	2.048	0.380	3104.8	2011-08-24
H5-HU-015_H5-12-013	H5-HU-015	H5-12-013	0.110	2.30	0.050	0.472	0.454	1233.1	2011-08-24
H5-HU-017_H5-HU-015	H5-HU-017	H5-HU-015	0.088	2.86	0.041	0.912	0.463	453.5	2011-08-24

H5-HU-020_H5-11-015	H5-HU-020	H5-11-015	1.181	4.13	1.107	2.441	0.937	12586.7	2011-08-24
H5-HU-040_H5-HU-020	H5-HU-040	H5-HU-020	1.536	5.35	1.064	3.247	0.693	11868.8	2011-08-24
H5-HU-150A_H5-HU-151	H5-HU-150A	H5-HU-151	1.594	5.72	0.681	2.069	0.427	6691.7	2011-08-24
H5-HU-151_H5-HU-040	H5-HU-151	H5-HU-040	2.415	5.61	1.030	3.124	0.426	11528.3	2011-08-24
H5-HU-200A_H5-HU-150A	H5-HU-200A	H5-HU-150A	1.540	5.78	0.664	1.844	0.431	6303.8	2011-08-24
H5-HU-250_H5-HU-200A	H5-HU-250	H5-HU-200A	1.342	6.04	0.452	0.836	0.337	4832.2	2011-08-24
H5-HU-272_H5-HU-250	H5-HU-272	H5-HU-250	1.408	6.21	0.018	0.528	0.013	166.9	2011-08-24
H5-HW-542_H5-11-530	H5-HW-542	H5-11-530	0.161	2.05	0.184	0.985	1.141	1981.3	2011-08-24
H5-IC.1	H5-IC	11PS	2.666	0.34	0.202	2.921	0.076	14567.7	2011-08-24
H5-INT-001_H5-11-640A	H5-INT-001	H5-11-640A	1.345	0.56	0.613	0.929	0.456	36595.8	2011-08-24
H5-INT-002_H5-INT-001	H5-INT-002	H5-INT-001	2.021	0.60	0.440	1.521	0.218	22417.9	2011-08-24
H5-INT-003_H5-INT-002	H5-INT-003	H5-INT-002	0.000	0.64	0.440	1.073		22440.6	2011-08-24
H5-INT-004_H5-INT-003	H5-INT-004	H5-INT-003	1.551	5.86	0.440	0.364	0.284	22454.7	2011-08-24
H5-INT-004A_H5-INT-004	H5-INT-004A	H5-INT-004	0.982	6.44	0.440	0.617	0.448	22503.2	2011-08-24
H5-INT-004B_H5-INT-004A	H5-INT-004B	H5-INT-004A	1.220	7.12	0.440	0.570	0.361	22563.6	2011-08-24
H5-INT-005_H5-INT-004B	H5-INT-005	H5-INT-004B	0.487	7.46	0.440	0.661	0.904	22616.2	2011-08-24
H5-INT-006_H5-INT-005	H5-INT-006	H5-INT-005	0.000	7.50	0.440	0.701		22683.1	2011-08-24
H5-INT-007_H5-INT-006	H5-INT-007	H5-INT-006	0.740	7.59	0.440	0.736	0.595	22706.4	2011-08-24
H5-INT-007A_H5-INT-007	H5-INT-007A	H5-INT-007	1.246	8.11	0.440	0.711	0.353	22738.4	2011-08-24
H5-INT-008_11th St PS	H5-11-020	H5-INT-001	0.519	0.61	0.173	1.034	0.334	14520.4	2011-08-24
H5-INT-009_H5-INT-008	H5-INT-009	H5-INT-008	0.245	0.36	0.152	2.981	0.622	2730.4	2011-08-24
H5-INT-010_H5-INT-009	H5-INT-010	H5-INT-009	0.806	0.37	0.147	3.055	0.182	2694.4	2011-08-24
H5-JE-734_H5-JE-736A	H5-JE-734	H5-JE-736A	0.814	1.35	0.107	5.313	0.131	833.0	2011-08-24
H5-JE-736A_H7-JE-007	H5-JE-736A	H7-JE-007	0.922	1.33	0.121	4.249	0.131	1182.7	2011-08-24
H5-JE-742_H5-11-730	H5-JE-742	H5-11-730	0.298	1.41	0.176	4.852	0.590	488.3	2011-08-24
H5-JK-798_H5-09-804	H5-JK-798	H5-09-804	0.071	1.52	0.024	5.792	0.334	266.3	2011-08-24
H5-JK-798_H5-MO-794	H5-JK-798	H5-MO-794	0.077	1.51	0.032	7.451	0.415	403.7	2011-08-24
H5-MA-754_H5-11-750	H5-MA-754	H5-11-750	0.141	1.35	-0.209	4.470	-1.480	-569.3	2011-08-24
H5-MA-756_H5-MA-754	H5-MA-756	H5-MA-754	0.756	1.31	-0.211	5.436	-0.279	-675.1	2011-08-24
H5-MA-756A_H5-MA-756	H5-MA-756A	H5-MA-756	0.065	1.28	-0.044	7.130	-0.670	-439.5	2011-08-24
H5-MA-762_H5-11-750	H5-MA-762	H5-11-750	1.124	1.35	-0.285	3.782	-0.253	401.7	2011-08-24
H5-MA-762_H5-MA-768	H5-MA-764	H5-MA-768	0.098	1.26	0.036	7.909	0.366	70.0	2011-08-24
H5-MA-768_H4-MA-001	H5-MA-768	H4-MA-001	1.262	1.27	0.199	5.881	0.157	622.9	2011-08-24
H5-MO-784_H5-11-780	H5-MO-784	H5-11-780	1.034	1.36	-0.054	2.620	-0.052	277.8	2011-08-24
H5-MO-794_H4-MO-004	H5-MO-794	H4-MO-004	0.307	1.36	0.063	4.900	0.204	243.3	2011-08-24
H5-SF.3	H5-INT-008	H5-IC	2.555	0.35	0.152	2.903	0.059	2693.9	2011-08-24
H5-SH-052_H5-HU-040	H5-SH-052	H5-HU-040	0.060	5.60	0.026	9.372	0.434	222.5	2011-08-24
H5-ST-078_H5-CP-097	H5-ST-078	H5-CP-097	0.076	9.73	0.257	6.293	3.369	2579.5	2011-08-24
H5-ST-084_H5-ST-078	H5-ST-084	H5-ST-078	0.185	13.66	0.158	9.167	0.854	1542.0	2011-08-24
H5-ST-096_H5-ST-084	H5-ST-096	H5-ST-084	0.125	21.48	0.074	7.054	0.591	734.3	2011-08-24
H5-ST-114_H5-CP-112	H5-ST-114	H5-CP-112	0.104	22.06	0.118	9.547	1.134	1191.7	2011-08-24
H5-ST-116_H5-ST-114	H5-ST-116	H5-ST-114	0.118	25.04	0.079	15.417	0.673	796.6	2011-08-24
H5-ST-124_H5-CP-112	H5-ST-124	H5-CP-112	0.085	19.43	0.120	10.490	1.410	1740.8	2011-08-24
H5-ST-128_H5-ST-124	H5-ST-128	H5-ST-124	0.084	20.53	0.109	12.444	1.298	1492.8	2011-08-24
H5-ST-134_H5-ST-128	H5-ST-134	H5-ST-128	0.158	21.05	0.095	11.474	0.603	1124.3	2011-08-24

H5-ST-136_H5-ST-134	H5-ST-136	H5-ST-134	0.087	21.86	0.110	14.058	1.264	1124.6	2011-08-24
H5-ST-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.75	0.182	0.655	0.087	1961.6	2011-08-24
H5-ST-254_H5-ST-252	H5-ST-254	H5-ST-252	1.967	10.85	0.323	0.414	0.164	3504.1	2011-08-24
H5-WA-350_H5-WA-356	H5-WA-350	H5-WA-356	3.976	2.20	0.345	2.228	0.087	1324.6	2011-08-24
H5-WA-356_H6-WA-004	H5-WA-356	H6-WA-004	0.144	2.19	0.076	3.715	0.527	1481.3	2011-08-24
H5-WA-400_H5-WA-350	H5-WA-400	H5-WA-350	1.233	2.21	0.379	1.457	0.307	5382.1	2011-08-24
H5-WA-440_H5-WA-400	H5-WA-440	H5-WA-400	0.397	2.22	0.230	1.717	0.580	3789.4	2011-08-24
H5-WA-480_H5-WA-440	H5-WA-480	H5-WA-440	1.078	2.30	0.217	0.675	0.201	2351.0	2011-08-24
H5-WA-480A_H5-WA-480	H5-WA-480A	H5-WA-480	0.786	2.40	0.051	0.318	0.064	549.9	2011-08-24
H5-WA-490_H5-WA-480	H5-WA-490	H5-WA-480	1.124	2.33	0.083	0.318	0.074	901.1	2011-08-24
H5-WA-490A_H5-WA-490	H5-WA-490A	H5-WA-490	0.732	2.36	0.038	0.281	0.052	416.3	2011-08-24
H5-WI-606_H5-12-602	H5-WI-606	H5-12-602	0.126	2.02	0.046	2.566	0.369	521.1	2011-08-24
H5-WI-612_H5-12-608	H5-WI-612	H5-12-608	0.008	3.02	0.024	13.679	3.081	252.3	2011-08-24
H5-WI-624_H5-12-608	H5-WI-624	H5-12-608	0.219	1.67	-0.252	3.427	-1.151	-2787.3	2011-08-24
H6 REGULATOR_H5-INT-010	H6-IC	H5-INT-010	1.895	0.37	0.147	2.775	0.077	2786.7	2011-08-24
H6-14-001_H6-14-002	H6-14-001	H6-14-002	0.146	1.49	0.075	5.085	0.509	1501.2	2011-08-24
H6-14-002_H6-14-003A	H6-14-002	H6-14-003A	0.204	1.45	0.074	4.529	0.364	1496.3	2011-08-24
H6-14-003_H6-14-006	H6-14-003	H6-14-006	0.613	1.39	0.364	2.514	0.594	5527.5	2011-08-24
H6-14-003A_H6-14-003B	H6-14-003A	H6-14-003B	0.735	1.42	0.074	4.535	0.100	1491.1	2011-08-24
H6-14-003B_H6-14-003	H6-14-003B	H6-14-003	4.700	1.41	0.071	2.448	0.015	1500.6	2011-08-24
H6-14-006_H6-14-008	H6-14-006	H6-14-008	1.659	1.34	0.444	2.288	0.268	6450.7	2011-08-24
H6-14-008_H6-14-010	H6-14-008	H6-14-010	0.742	1.26	0.682	2.268	0.919	11213.9	2011-08-24
H6-14-010A_H6-14-010	H6-14-010A	H6-14-010	0.078	1.75	0.204	7.345	2.623	3176.8	2011-08-24
H6-14-010B_H6-14-010A	H6-14-010B	H6-14-010A	0.046	3.39	0.151	12.307	3.270	1999.1	2011-08-24
H6-14-010C_H6-14-010B	H6-14-010C	H6-14-010B	0.064	4.40	0.125	14.242	1.956	1575.0	2011-08-24
H6-14-020.1	H6-14-020	H6	0.230	0.80	-0.006	3.233	-0.025	-4.2	2011-08-24
H6-GA-001A_H6-GA-005	H6-GA-001A	H6-GA-005	0.161	2.25	0.071	5.512	0.442	733.6	2011-08-24
H6-GA-005_H6-GA-008	H6-GA-005	H6-GA-008	0.091	2.08	0.138	3.283	1.515	1862.9	2011-08-24
H6-GA-008_H6-14-003	H6-GA-008	H6-14-003	0.159	1.47	0.156	5.262	0.982	2114.5	2011-08-24
H6-GA-009_H6-14-003	H6-GA-009	H6-14-003	4.947	1.80	0.080	0.748	0.016	1104.3	2011-08-24
H6-HU-001_H6-HU-002	H6-HU-001	H6-HU-003	0.064	1.43	0.076	4.102	1.196	1112.2	2011-08-24
H6-HU-001A_H6-HU-001	H6-HU-001A	H6-HU-001	0.087	1.60	0.032	5.239	0.366	393.5	2011-08-24
H6-HU-003_H6-14-010	H6-HU-003	H6-14-010	0.368	1.18	0.082	4.536	0.224	1419.9	2011-08-24
H6-HW-001_H6-14-006	H6-HW-001	H6-14-006	0.199	1.79	0.059	2.209	0.297	706.2	2011-08-24
H6-HW-001A_H5-HW-542	H6-HW-001A	H5-HW-542	0.207	2.31	0.007	1.160	0.033	0.4	2011-08-24
H6-HW-001A_H6-HW-001	H6-HW-001A	H6-HW-001	0.474	2.31	0.000	0.822	0.000	0.6	2011-08-24
H6-PA-001_H6-PA-002	H6-PA-001	H6-PA-002	0.125	1.22	-0.135	2.516	-1.082	-890.4	2011-08-24
H6-PA-002_H6-PA-007	H6-PA-002	H6-PA-007	0.055	1.57	-0.052	5.258	-0.940	80.8	2011-08-24
H6-PA-007_H6-14-001	H6-PA-007	H6-14-001	0.101	1.59	0.057	4.832	0.564	1251.9	2011-08-24
H6-PA-582_H6-PA-588	H6-PA-582	H6-PA-588	0.062	2.95	-0.108	5.049	-1.752	-9249.5	2011-08-24
H6-PA-588_H6-PA-592	H6-PA-588	H6-PA-592	0.631	3.95	-0.215	6.416	-0.340	-9256.1	2011-08-24
H6-PA-592_H6-PA-001	H6-PA-592	H6-PA-001	0.068	0.93	-0.142	1.251	-2.102	-889.9	2011-08-24
H6-WA-004_H6-WA-009	H6-WA-004	H6-WA-009	0.229	2.12	0.157	4.608	0.686	2725.9	2011-08-24
H6-WA-009_H6-WA-010	H6-WA-009	H6-WA-010	0.206	1.99	0.176	4.651	0.852	3663.6	2011-08-24
H6-WA-010_H6-14-008	H6-WA-010	H6-14-008	0.214	1.74	0.176	4.576	0.821	3660.7	2011-08-24
H6WW_Outfall8	H6-WW	H7-15-012D	0.987	0.63	0.913	1.372	0.924	13930.0	2011-08-24

H7 REGULATOR_H7-INT-001	H7-IC	H7-INT-001	2.469	0.39	0.093	2.649	0.038	1081.7	2011-08-24
H7-15_Sta0+00.1	H7-15_Sta0+00	H7-15_Sta2+42.5+	0.074	0.44	-0.013	1.765	-0.171	-0.5	2011-08-24
H7-15_Sta2+42.5+.1	H7-15_Sta2+42.5+	H7-15-150	0.075	0.44	-0.028	1.832	-0.374	-1.9	2011-08-24
H7-15-001_H7-15-002	H7-15-001	H7-15-002	4.092	1.03	0.059	1.616	0.014	1066.0	2011-08-24
H7-15-001_H7-MA-008	H7-15-001	H7-MA-008	0.280	1.04	-0.052	2.370	-0.185	-964.5	2011-08-24
H7-15-002_H7-15-003	H7-15-002	H7-15-003	5.097	1.03	0.297	1.764	0.058	4758.7	2011-08-24
H7-15-002_H7-JE-003	H7-15-002	H7-JE-003	1.585	1.04	-0.097	4.741	-0.061	-1408.0	2011-08-24
H7-15-003_H7-15-004	H7-15-003	H7-15-004	4.178	1.03	0.384	1.271	0.092	5983.5	2011-08-24
H7-15-003_H7-AD-003	H7-15-003	H7-AD-003	0.097	1.04	-0.096	3.813	-0.993	-1222.6	2011-08-24
H7-15-004_H7-15-005	H7-15-004	H7-15-005	2.549	1.02	0.592	0.825	0.232	10306.1	2011-08-24
H7-15-004_H7-GR-010	H7-15-004	H7-GR-010	0.384	1.03	-0.057	3.063	-0.148	-1546.2	2011-08-24
H7-15-005_H7-15-006	H7-15-005	H7-15-006	2.721	1.00	1.064	0.841	0.391	17520.5	2011-08-24
H7-15-005_H7-CL-010	H7-15-005	H7-CL-010	0.785	1.16	-0.309	4.177	-0.394	-3943.7	2011-08-24
H7-15-006_H7-15-007	H7-15-006	H7-15-007	1.329	0.92	1.121	1.796	0.843	18238.9	2011-08-24
H7-15-007_H7-15-008	H7-15-007	H7-15-008	1.566	0.77	1.590	1.014	1.015	24628.9	2011-08-24
H7-15-008_H7-15-009	H7-15-008	H7-15-009	0.243	0.60	1.588	0.564	6.549	24621.3	2011-08-24
H7-15-009_H7-15-012B1	H7-15-009	H7-15-012B1	4.936	0.56	1.729	0.680	0.350	26457.5	2011-08-24
H7-15-010.1	H7-15-010	H7	0.124	0.44	-0.034	2.928	-0.278	-115.2	2011-08-24
H7-15-012B_H7-15-012D	H7-15-012B	H7-15-012D	9.189	0.36	1.747	0.588	0.190	26408.6	2011-08-24
H7-15-012B1_H7-15-012B	H7-15-012B1	H7-15-012B	8.391	0.52	1.805	1.003	0.215	26839.3	2011-08-24
H7-15-100.1	H7-15-100	H7-15-010	0.056	0.44	-0.033	2.750	-0.589	-101.0	2011-08-24
H7-15-110.1	H7-15-110	H7-15-100	0.147	0.44	-0.033	2.630	-0.222	-47.8	2011-08-24
H7-15-150.1	H7-15-150	H7-15-991	0.049	0.44	-0.032	2.382	-0.643	-22.6	2011-08-24
H7-15-991.1	H7-15-991	H7-15-110	0.049	0.44	-0.032	2.416	-0.652	-38.1	2011-08-24
H7-AD-001_H7-AD-002	H7-AD-001	H7-AD-002	0.674	1.03	0.003	3.576	0.005	191.4	2011-08-24
H7-AD-002_H7-15-003	H7-AD-002	H7-15-003	0.830	1.03	-0.005	4.309	-0.006	143.1	2011-08-24
H7-AD-003_H7-AD-004	H7-AD-003	H7-AD-004	0.344	1.05	-0.094	4.376	-0.274	-1082.2	2011-08-24
H7-AD-004_H7-AD-005	H7-AD-004	H7-AD-005	0.641	1.06	-0.094	4.266	-0.147	-1119.2	2011-08-24
H7-AD-005_H7-AD-006	H7-AD-005	H7-AD-006	0.098	1.27	-0.094	5.816	-0.961	-1131.4	2011-08-24
H7-AD-006_H5-AD-698	H7-AD-006	H5-AD-698	0.191	1.37	-0.091	4.833	-0.478	-996.3	2011-08-24
H7-CL-001_H7-CL-004	H7-CL-001	H7-CL-004	0.054	1.01	0.062	4.206	1.154	475.1	2011-08-24
H7-CL-004_H7-CL-006	H7-CL-004	H7-CL-006	0.651	1.04	0.126	3.196	0.194	1650.0	2011-08-24
H7-CL-006_H7-15-005	H7-CL-006	H7-15-005	0.482	1.03	0.201	3.971	0.417	2811.8	2011-08-24
H7-CL-010_H5-CL-648	H7-CL-010	H5-CL-648	0.206	1.25	-0.281	4.164	-1.367	-3251.7	2011-08-24
H7-GR-001_H7-GR-003	H7-GR-001	H7-GR-003	0.074	1.15	-0.046	8.355	-0.622	-48.4	2011-08-24
H7-GR-003_H7-GR-004	H7-GR-003	H7-GR-004	0.058	1.13	0.098	3.027	1.696	1405.4	2011-08-24
H7-GR-004_H7-GR-005	H7-GR-004	H7-GR-005	0.739	1.07	0.126	2.798	0.171	2042.9	2011-08-24
H7-GR-005_H7-GR-006	H7-GR-005	H7-GR-006	1.249	1.06	0.116	2.696	0.093	2023.0	2011-08-24
H7-GR-006_H7-15-004	H7-GR-006	H7-15-004	0.239	1.05	0.157	2.399	0.659	2718.1	2011-08-24
H7-GR-010_H7-GR-013	H7-GR-010	H7-GR-013	0.084	1.35	-0.057	7.724	-0.672	-1564.5	2011-08-24
H7-GR-013_H5-GR-674	H7-GR-013	H5-GR-674	0.559	1.38	-0.054	4.855	-0.096	-1420.1	2011-08-24
H7-INT-001_H6-INT-002	H7-INT-001	H6-IC	0.584	0.38	0.093	2.840	0.160	1046.0	2011-08-24
H7-JE-001_H7-15-002	H7-JE-001	H7-15-002	1.178	1.06	0.174	3.232	0.148	2472.2	2011-08-24
H7-JE-003_H7-JE-004	H7-JE-003	H7-JE-004	0.424	1.04	-0.095	4.149	-0.223	-1287.5	2011-08-24
H7-JE-006_H7-JE-004	H7-JE-006	H7-JE-004	0.413	1.07	0.094	3.835	0.228	1297.2	2011-08-24
H7-JE-007_H7-JE-006	H7-JE-007	H7-JE-006	0.090	1.20	0.094	9.372	1.051	1318.9	2011-08-24

H7-MA-001_H7-MA-002	H7-MA-001	H7-MA-002	0.048	1.04	-0.001	3.896	-0.021	31.1	2011-08-24
H7-MA-002_H7-MA-004	H7-MA-002	H7-MA-004	0.044	1.04	-0.003	3.960	-0.063	31.1	2011-08-24
H7-MA-003_H7-MA-004	H7-MA-003	H7-MA-004	0.044	1.04	0.002	3.960	0.037	111.3	2011-08-24
H7-MA-004_H7-MA-006	H7-MA-004	H7-MA-006	0.043	1.04	-0.007	4.479	-0.162	141.4	2011-08-24
H7-MA-006_H7-15-001	H7-MA-006	H7-15-001	0.641	1.03	-0.009	2.549	-0.013	139.8	2011-08-24
H7-MA-008_H5-MA-756A	H7-MA-008	H5-MA-756A	0.036	1.22	-0.047	5.895	-1.293	-562.5	2011-08-24
H7-PA-001_H7-PA-004	H7-PA-001	H7-PA-004	0.056	1.27	0.012	6.439	0.215	141.6	2011-08-24
H7-PA-004_H7-PA-005	H7-PA-004	H7-PA-005	0.072	1.01	0.108	1.920	1.492	1119.9	2011-08-24
H7-PA-005_H7-PA-007	H7-PA-005	H7-PA-007	0.065	0.83	-0.042	3.815	-0.648	-455.2	2011-08-24
H7-PA-007B_H7-PA-007	H7-PA-007B	H7-PA-007	3.730	0.86	0.011	1.695	0.003	112.0	2011-08-24
H7-PA-011_H7-15-009	H7-PA-011	H7-15-009	0.087	1.25	0.076	3.930	0.870	1142.5	2011-08-24
H7-SIP-006_H7-SIP-005	H7-SIP-006	WWTP	0.000	0.16	0.613	0.397		35935.5	2011-08-24
H7-WI-001_H7-WI-002	H7-WI-001	H7-WI-002	0.101	1.70	0.065	3.185	0.638	811.7	2011-08-24
H7-WI-002_H7-WI-003	H7-WI-002	H7-WI-003	0.274	1.68	0.084	3.160	0.307	901.3	2011-08-24
H7-WI-003_H7-WI-004	H7-WI-003	H7-WI-004	0.231	1.64	0.088	5.260	0.382	894.0	2011-08-24
H7-WI-004_H7-WI-005	H7-WI-004	H7-WI-005	0.133	1.61	0.090	3.292	0.674	887.4	2011-08-24
H7-WI-005_H7-WI-009	H7-WI-005	H7-WI-009	0.190	1.60	0.093	3.889	0.491	876.7	2011-08-24
H7-WI-007_H7-WI-009	H7-WI-007	H7-WI-009	0.065	1.76	0.042	6.805	0.644	589.5	2011-08-24
H7-WI-009_H7-15-007	H7-WI-010	H7-15-007	0.287	1.23	0.245	2.685	0.852	3345.2	2011-08-24
H7-WI-013_H7-15-007	H7-WI-013	H7-15-007	0.713	0.93	0.164	2.685	0.230	2122.2	2011-08-24
H7-WI-014A_H7-WI-014	H7-WI-014A	H7-WI-013	0.989	0.95	0.127	2.308	0.129	1559.5	2011-08-24
H7-WI-015_H7-15-006	H7-WI-015	H7-15-006	0.418	1.00	0.037	2.884	0.088	515.1	2011-08-24
H7-WI-017_H7-WI-014A	H7-WI-017	H7-WI-014A	0.827	0.96	0.110	2.314	0.133	1355.7	2011-08-24
H7-WI-017B_H7-WI-017	H7-WI-017B	H7-WI-017	0.100	1.00	0.024	3.686	0.245	307.4	2011-08-24
H7-WI-019_H7-WI-017	H7-WI-019	H7-WI-017	0.252	0.98	0.010	1.995	0.041	118.8	2011-08-24
H7-WW.1	H7-WW	H7-15-012B	0.000	0.44	-0.100	0.636		-1112.9	2011-08-24
HHA-FM_DITCH	HHA-FM	HHA-OF	0.156	7.60	0.316	23.703	2.031	8008.3	2011-08-24
HSI.1	HSI	SPS	0.309	0.94	0.052	0.278	0.169	1001.4	2011-08-24
HSI-05-002A_HSI-05-002	HSI-05-002A	HSI-05-002	0.264	5.36	0.097	3.113	0.368	1126.7	2011-08-24
HSI-05-010.1	HSI-05-010	HSI	0.590	3.45	0.392	0.595	0.664	4669.2	2011-08-24
HSI-RI-001_HSI-RI-003A	HSI-RI-001	HSI-RI-003A	0.268	12.70	0.075	1.247	0.281	919.4	2011-08-24
HSI-RI-003A_HSI-RI-008	HSI-RI-003A	HSI-RI-008	0.303	11.18	0.216	1.181	0.713	2624.2	2011-08-24
HSI-RI-004A_HSI-RI-003A	HSI-RI-004A	HSI-RI-003A	0.117	14.46	0.124	3.099	1.057	1501.2	2011-08-24
HSI-RI-004AV_HSI-RI-004A	HSI-RI-004AV	HSI-RI-004A	0.000	15.83	0.095	10.635		1075.8	2011-08-24
HSI-RI-004B_HSI-RI-004AV	HSI-RI-004B	HSI-RI-004AV	0.000	17.16	0.095	17.193		1076.1	2011-08-24
HSI-RI-004C_HSI-RI-004B	HSI-RI-004C	HSI-RI-004B	0.000	18.34	0.046	22.965		450.0	2011-08-24
HSI-RI-004E_HSI-RI-004B	HSI-RI-004E	HSI-RI-004B	0.000	20.78	0.059	35.001		627.2	2011-08-24
HSI-RI-004H_HSI-RI-004A	HSI-RI-004H	HSI-RI-004A	0.182	15.34	0.042	5.221	0.230	425.9	2011-08-24
HSI-RI-008_HSI-05-002	HSI-RI-008	HSI-05-002	0.478	7.72	0.284	2.490	0.594	3413.9	2011-08-24
HWF-INT-012_HWF-INT-013	HWF-INT-012	SPS	1.537	-0.39	0.429	2.137	0.279	21852.5	2011-08-24
HWF-INT-016A_H5-INT-007A	HWF-INT-016A	H5-INT-007A	0.267	8.38	0.440	0.687	1.650	22790.3	2011-08-24
Link_10	Node_77	Outfall8	10.635	-0.78	2.604	0.338	0.245	40330.3	2011-08-24
Link_103	H4-IC	H3-INT-007	2.656	-0.37	0.211	2.156	0.079	9077.1	2011-08-24
Link_11	H6-14-010	H6	1.117	1.03	0.968	1.578	0.867	15770.1	2011-08-24
Link_110	HSI-OF	HWF-INT-016	5.961	0.19	0.354	0.307	0.059	3668.3	2011-08-24

Link_112	Node_32	Node_61	2.333	0.75	0.366	0.807	0.157	3920.0	2011-08-2
Link_113	Node_45	Node_64	149.390	-0.59	7.796	0.141	0.052	117811.9	2011-08-2
Link_115	Node_62	Node_40	777.648	-1.05	7.796	0.115	0.010	117504.4	2011-08-2
Link_116	Node_66	Node_39	483.665	-1.05	0.724	0.588	0.001	17468.3	2011-08-2
Link_12	Node_75	Node_10	3.277	-1.05	0.208	1.443	0.064	2406.3	2011-08-2
Link_120	H5_GC	H5_Inflow_Dummy	0.000	-0.29	1.962	0.849		45083.5	2011-08-2
Link_121	H5_Outflow_Dummy	H5_OF	0.000	-0.33	1.960	0.819		44928.4	2011-08-2
Link_128	H7-PA-005	Node_74	2.723	0.41	0.208	0.486	0.077	2406.4	2011-08-2
Link_131	H7-15-012D	Node_76	12.682	-0.11	2.675	0.664	0.211	40329.8	2011-08-2
Link_133	14VO-14-007	Node_78	0.417	1.38	0.290	0.613	0.696	4539.7	2011-08-2
Link_135	Node_80	5	0.000	-0.17	4.029	0.480		58122.3	2011-08-2
Link_137	Outfall3Gate2	Outfall3	2.174	-0.72	1.203	0.532	0.553	18307.2	2011-08-2
Link_138	OF-H1-V2	HWF-OB-001	0.603	-0.39	2.201	0.977	3.652	31921.1	2011-08-2
Link_139	H4-PA-004	H4-PA-005	1.720	1.35	-0.490	1.918	-0.285	-4203.5	2011-08-2
Link_140	H1-HA-130	PR_DH_MH1	0.559	1.19	-0.091	1.877	-0.164	-229.9	2011-08-2
Link_143	RG-3	H2-WA-005A	1.342	5.01	0.000	0.161	0.000	10.5	2011-08-2
Link_166	HHA-OF	Node_92	10.895	2.74	0.463	0.325	0.043	7941.3	2011-08-2
Link_167	Node_92	Node_34	18.012	2.63	1.525	0.642	0.085	20357.7	2011-08-2
Link_168	H1-OB-122A	MH-T7-OBS	1.169	1.13	0.518	2.991	0.443	6986.9	2011-08-2
Link_170	H1-OB-101	MH-T5-OBS	0.357	1.18	0.319	3.460	0.894	7509.4	2011-08-2
Link_171	T5-OBS_A	MH-T5-OBS	0.106	1.09	-0.110	8.308	-1.045	95.3	2011-08-2
Link_173	H1-OB-080A	H1-OB-077	3.082	1.10	2.101	2.305	0.682	58889.5	2011-08-2
Link_175	MH-T6-NEW	H1-NE-029A	1.182	1.17	0.356	3.029	0.301	6077.5	2011-08-2
Link_177	H1-JA-034	MH-T2-2STB	1.267	1.14	0.525	4.869	0.415	5621.2	2011-08-2
Link_183	Node_118	T2-4ST	0.000	1.28	0.000	1.160		0.0	2011-08-2
Link_203	H4-JA-002	MH-T5-5STB	6.157	1.11	0.069	2.537	0.011	759.7	2011-08-2
Link_241	H5-MA-762	H5-MA-764	0.098	1.29	0.072	5.210	0.735	19.6	2011-08-2
Link_246	H1-MA-048	H1-MA-044	0.530	1.26	0.203	3.314	0.382	2679.5	2011-08-2
Link_257	H1-JE-023	H1-01-080	0.121	1.22	0.660	1.821	5.464	14270.5	2011-08-2
Link_260	H5-AD-717	H5-AD-714	0.051	1.45	0.040	5.859	0.794	522.6	2011-08-2
Link_263	H4-AD-002	H4-AD-010	0.704	1.35	0.075	2.249	0.106	804.9	2011-08-2
Link_266	H1-AD-048	H1-AD-043	0.585	1.35	0.227	2.755	0.388	2720.6	2011-08-2
Link_272	H4-GR-009	H4-GR-008	1.125	1.33	0.074	1.643	0.066	817.6	2011-08-2
Link_277	H1-GR-046	H1-GR-038	0.504	1.36	0.154	2.746	0.305	1703.9	2011-08-2
Link_294	H3-05-090	H3-WI-015	0.881	1.40	0.372	3.728	0.422	7301.2	2011-08-2
Link_296	H7-WI-009	H7-WI-010	0.287	1.45	0.239	2.443	0.831	3221.1	2011-08-2
Link_300	H4-CL-018	H4-CL-020	0.091	1.48	0.084	4.122	0.924	955.9	2011-08-2
Link_307	H1-GA-017	H1-GA-012	1.135	1.02	0.755	1.744	0.665	12409.6	2011-08-2
Link_312	Node_91	HHA-OF	10.895	2.74	-0.104	0.141	-0.010	-7.5	2011-08-2
Link_314	T7-OBS	T7OBS-Weir-Dummy	0.000	1.13	-0.079	1.435		65.8	2011-08-2
Link_34	Node_30	Node_31	19.937	1.10	-0.014	0.188	-0.001	-101.4	2011-08-2
Link_35	Node_61	Node_33	2.333	0.68	0.365	0.264	0.156	3864.0	2011-08-2
Link_36	Node_67	Node_32	0.469	0.81	0.151	2.891	0.322	1700.8	2011-08-2
Link_38	Node_31	Node_35	0.253	1.20	-0.113	1.076	-0.448	-1346.8	2011-08-2
Link_382	NJT-OVERFLOW	Node_37	0.830	1.15	0.725	0.537	0.873	17946.3	2011-08-2
Link_39	Node_35	Node_36	0.820	2.03	-0.493	0.541	-0.601	-2210.3	2011-08-2

Link_4	H2-OF	Outfall3Gate1	1.429	-0.14	1.206	1.058	0.844	18319.8	2011-08-21
Link_40	Node_36	NJT-OVERFLOW	0.843	1.57	0.769	0.709	0.912	18043.2	2011-08-21
Link_41	Node_37	Node_38	9.091	0.78	0.725	1.673	0.080	17701.3	2011-08-21
Link_43	Node_32	Node_31	5.051	1.09	-0.166	0.250	-0.033	-1812.2	2011-08-21
Link_44	Node_38	Node_65	850.000	0.14	0.724	0.472	0.001	17593.9	2011-08-21
Link_45	Node_34	Node_36	3.917	1.76	1.235	0.907	0.315	20325.3	2011-08-21
Link_48	Node_33	Node_43	39.108	0.40	0.404	0.154	0.010	4334.0	2011-08-21
Link_49	Node_43	Node_44	56.902	0.06	0.403	0.136	0.007	4330.6	2011-08-21
Link_50	Node_44	Node_45	107.686	-0.40	0.465	0.201	0.004	5141.4	2011-08-21
Link_6	H3-RI-006	H3-INT-003A	15.996	0.28	1.513	1.520	0.095	36112.1	2011-08-21
Link_8	HSI-05-002	HSI-05-010	0.339	3.99	0.392	1.202	1.155	4669.5	2011-08-21
Link_9	H5-11-009	H5	1.145	0.56	0.930	2.475	0.812	25939.4	2011-08-21
New2	H2-IC	H2-INT-007	3.413	0.27	0.081	1.969	0.024	327.3	2011-08-21
New3	HWF-INT-016	OF-H4-TG2	5.961	0.05	0.342	0.630	0.057	3667.7	2011-08-21
OF-H4-TG2.1	OF-H4-TG2	outfall5-tg	3.415	-0.01	4.030	0.809	1.180	58129.2	2011-08-21
RG-1_H2-03-020	RG-1	H2-03-020	0.600	2.19	-0.067	1.306	-0.111	-124.7	2011-08-21
RG-10_H5-WA-440	RG-10	H5-WA-440	0.915	2.16	-0.121	2.638	-0.132	124.3	2011-08-21
RG-11_H5-WA-400	RG-11	H5-WA-400	0.944	2.19	-0.091	2.848	-0.096	154.4	2011-08-21
RG-12_H5-WA-400	RG-12	H5-WA-400	0.944	2.19	-0.095	2.846	-0.100	143.5	2011-08-21
RG-13_H5-WA-350	RG-13	H5-WA-350	0.949	2.04	-0.199	3.529	-0.210	162.2	2011-08-21
RG-14_H5-WA-356	RG-14	H5-WA-356	0.954	1.97	-0.291	3.273	-0.305	87.4	2011-08-21
RG-15_H6-WA-004	RG-15	H6-WA-004	0.900	2.10	0.127	2.883	0.141	169.5	2011-08-21
RG-2_H2-WA-005A	RG2	H2-WA-005A	1.342	5.01	0.002	0.161	0.001	67.2	2011-08-21
RG-4_H2-WA-007	RG-4	H2-WA-007	1.643	6.51	0.001	0.021	0.000	12.5	2011-08-21
RG-5_H2-WA-009	RG-5	H2-WA-009	1.375	6.51	0.002	0.534	0.002	93.0	2011-08-21
RG-6_H2-WA-011	RG-6	H2-WA-011	1.342	7.01	0.000	0.043	0.000	12.6	2011-08-21
RG-7_H5-WA-490	RG-7	H5-WA-490	0.915	3.18	0.022	0.292	0.024	248.6	2011-08-21
RG-8_H5-WA-480	RG-8	H5-WA-480	0.915	3.06	0.012	0.531	0.013	156.8	2011-08-21
RG-9_H5-WA-440	RG-9	H5-WA-440	0.977	2.21	-0.037	2.765	-0.038	148.9	2011-08-21
T10-MAD_A_H5-MA-764	T10-MAD_A	H5-MA-764	0.100	1.08	0.100	8.160	1.009	56.1	2011-08-21
T10-MAD-DUMMY	T10-MAD-DUMMY	T10-MAD	0.000	1.08	0.000	2.467		0.0	2011-08-21
T11-MAD_A_H5-MA-768	T11-MAD_A	H5-MA-768	0.079	1.21	0.117	9.815	1.492	40.9	2011-08-21
T11-MAD-DUMMY	T11-MAD-DUMMY	T11-MAD	0.000	1.21	0.000	2.006		0.0	2011-08-21
T15-MAD_A_H1-MA-044	T15-MAD_A	H1-MA-044	0.086	1.25	0.027	8.012	0.313	58.9	2011-08-21
T15-MAD-DUMMY	T15-MAD-DUMMY	T15-MAD	0.000	1.70	0.000	0.005		0.0	2011-08-21
T16-MAD_A_H1-MA-041	T16-MAD_A	H1-MA-041	0.079	1.24	-0.066	7.843	-0.841	47.4	2011-08-21
T16-MAD-DUMMY	T16-MAD-DUMMY	T16-MAD	0.000	1.44	0.000	0.005		0.0	2011-08-21
T1-7ST_A_H4-07-190	T1-7ST_A	H4-07-190	0.079	1.24	0.103	7.701	1.310	35.6	2011-08-21
T1-7ST-DUMMY	T1-7ST-DUMMY	T1-7ST	0.000	1.40	0.000	0.005		0.0	2011-08-21
T1-7ST-WEIR-DUMMY	T1-7ST	T1-7ST-WEIR-DUMMY	0.000	1.22	0.103	1.363		48.2	2011-08-21
T1-GAR_A_H4-04-008	T1-GAR_A	H4-04-008	0.093	0.92	0.011	4.927	0.119	73.5	2011-08-21
T1-GAR-DUMMY	T1-GAR-DUMMY	T1-GAR	0.000	2.40	0.000	0.005		0.0	2011-08-21
T1-HAR_A_H4-HA-003	T1-HAR_A	H4-HA-003	0.079	1.34	0.084	6.232	1.072	113.3	2011-08-21
T1-HAR-DUMMY	T1-HAR-DUMMY	T1-HAR	0.000	1.40	0.000	0.005		0.0	2011-08-21
T1-NEW_A_H1-NE-003	T1-NEW_A	H1-NE-003	0.035	0.98	-0.149	7.136	-4.220	47.1	2011-08-21
T1-NEW-DUMMY	T1-NEW-DUMMY	T1-NEW	0.000	0.95	0.000	0.988		0.0	2011-08-21

T1-NEW-WEIR-DUMMY	T1-NEW	T1-NEW-WEIR-DUMMY	0.000	0.95	-0.148	1.389		60.5	2011-08-31
T2-2ST_A_MH-T2-2STB	T2-2ST_A	MH-T2-2STB	0.149	1.13	-0.106	11.047	-0.710	25.0	2011-08-31
T2-2ST-DUMMY	T2-2ST-DUMMY	T2-2ST	0.000	1.13	0.000	0.181		0.0	2011-08-31
T2-2ST-WEIR-DUMMY	T2-2ST	T2-2ST-WEIR-DUMMY	0.000	1.13	-0.096	1.307		50.6	2011-08-31
T2-4ST_A_H1-CL-036	T2-4ST_A	H1-CL-036	0.152	1.28	0.084	6.976	0.551	95.3	2011-08-31
T2-5ST_A_H1-AD-042	T2-5ST_A	H1-AD-042	0.153	1.31	-0.063	6.963	-0.409	63.9	2011-08-31
T2-5ST-DUMMY	T2-5ST-DUMMY	T2-5ST	0.000	1.50	0.000	0.005		0.0	2011-08-31
T2-6ST_A_H1-JE-050	T2-6ST_A	H1-JE-050	0.186	1.27	-0.091	7.399	-0.489	59.9	2011-08-31
T2-6ST-DUMMY	T2-6ST-DUMMY	T2-6ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T2-7ST_A_H4-07-200	T2-7ST_A	H4-07-200	0.086	1.34	0.063	7.986	0.728	16.6	2011-08-31
T2-7ST-DUMMY	T2-7ST-DUMMY	T2-7ST	0.000	1.80	0.000	0.005		0.0	2011-08-31
T2-BLM_A_H4-04-007	T2-BLM_A	H1-BL-037	0.079	2.86	0.011	6.658	0.138	102.1	2011-08-31
T2-BLM-DUMMY	T2-BLM-DUMMY	T2-BLM	0.000	3.50	0.000	0.005		0.0	2011-08-31
T2-JAC_A_H4-JA-006	T2-JAC_A	H4-JA-006	0.079	1.31	0.077	6.240	0.983	64.8	2011-08-31
T2-JAC-DUMMY	T2-JAC-DUMMY	T2-JAC	0.000	1.40	0.000	0.005		0.0	2011-08-31
T2-MON_A_H5-MO-794	T2-MON_A	H5-MO-794	0.086	1.33	-0.100	7.437	-1.162	95.1	2011-08-31
T2-MON-DUMMY	T2-MON-DUMMY	T2-MON	0.000	1.33	0.000	1.414		0.0	2011-08-31
T3-3ST_A_H1-03-170	T3-3ST_A	H1-03-170	0.079	1.15	-0.124	9.586	-1.571	37.8	2011-08-31
T3-3ST-DUMMY	T3-3ST-DUMMY	T3-3ST	0.000	1.15	0.000	0.989		0.0	2011-08-31
T3-3ST-WEIR-DUMMY	T3-3ST	T3-3ST-WEIR-DUMMY	0.000	1.15	-0.123	1.449		55.0	2011-08-31
T3-4ST_A_H1-AD-039	T3-4ST_A	H1-AD-039	0.122	1.30	-0.073	7.086	-0.596	61.1	2011-08-31
T3-4ST-DUMMY	T3-4ST-DUMMY	T3-4ST	0.000	1.32	0.000	0.005		0.0	2011-08-31
T3-6ST_A_H1-MA-048	T3-6ST_A	H1-MA-048	0.172	1.25	-0.080	8.165	-0.466	11.9	2011-08-31
T3-6ST-DUMMY	T3-6ST-DUMMY	T3-6ST	0.000	1.40	0.000	0.005		0.0	2011-08-31
T3-ADM_A_H5-AD-714	T3-ADM_A	H5-AD-714	0.086	1.33	0.067	6.658	0.778	52.0	2011-08-31
T3-ADM-DUMMY	T3-ADM-DUMMY	T3-ADM	0.000	1.55	0.000	0.005		0.0	2011-08-31
T3-GND-DUMMY	T3-GND-DUMMY	T3-GND	0.000	1.83	0.000	0.005		0.0	2011-08-31
T3-JAC_A_H4-JA-004	T3-JAC_A	H4-JA-004	0.093	1.20	0.124	8.639	1.326	46.8	2011-08-31
T3-JAC-DUMMY	T3-JAC-DUMMY	T3-JAC	0.000	1.18	0.000	0.301		0.0	2011-08-31
T3-OBS_A_H1-OB-080A	T3-OBS_A	H1-OB-080A	0.109	1.09	0.098	6.929	0.905	291.2	2011-08-31
T3-OBS-DUMMY	T3-OBS-DUMMY	T3-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
T3-OBS-WEIR-DUMMY	T3-OBS	T3-BS-WEIR-DUMMY	0.000	1.09	0.098	1.459		299.7	2011-08-31
T4-4ST_A_H1-MA-038	T4-4ST_A	H1-MA-038	0.130	1.11	-0.117	12.010	-0.896	8.8	2011-08-31
T4-4ST-DUMMY	T4-4ST-DUMMY	T4-4ST	0.000	1.11	0.000	1.170		0.0	2011-08-31
T4-5ST_A_H1-MA-041	T4-5ST_A	H1-MA-041	0.145	1.20	-0.094	8.140	-0.644	46.9	2011-08-31
T4-5ST-DUMMY	T4-5ST-DUMMY	T4-5ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T4-6ST_A_H1-MO-057	T4-6ST_A	H1-MO-057	0.141	1.17	-0.117	12.026	-0.832	-33.1	2011-08-31
T4-6ST-DUMMY	T4-6ST-DUMMY	T4-6ST	0.000	1.17	0.000	0.240		0.0	2011-08-31
T4-GND_A_H4-GR-008	T4-GND_A	H4-GR-008	0.086	1.32	0.087	5.056	1.003	64.9	2011-08-31
T4-GND-DUMMY	T4-GND-DUMMY	T4-GND	0.000	1.72	0.000	0.005		0.0	2011-08-31
T5-5ST_A_H1-JA-046	T5-5ST_A	MH-T5-5STB	0.141	1.11	0.107	10.292	0.762	98.4	2011-08-31
T5-5ST-DUMMY	T5-5ST-DUMMY	T5-5ST	0.000	1.11	0.000	0.382		0.0	2011-08-31
T5-9ST_A_H4-GR-012	T5-9ST_A	H4-GR-012	0.149	1.35	0.066	7.345	0.440	34.4	2011-08-31
T5-9ST-DUMMY	T5-9ST-DUMMY	T5-9ST	0.000	1.83	0.000	0.005		0.0	2011-08-31
T5-GND_A_H1-GR-054	T5-GND_A	H1-GR-054	0.079	1.34	-0.075	8.540	-0.957	61.8	2011-08-31

T5-GND-DUMMY	T5-GND-DUMMY	T5-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T5-JAC_A_H1-JA-043	T5-JAC_A	H1-JA-043	0.100	1.05	0.179	11.046	1.798	90.2	2011-08-24
T5-JAC-DUMMY	T5-JAC-DUMMY	T5-JAC	0.000	1.05	0.000	1.948		0.0	2011-08-24
T5-JEF_A_H5-11-730	T5-JEF_A	H5-11-730	0.078	1.37	0.071	7.663	0.911	47.5	2011-08-24
T5-JEF-DUMMY	T5-JEF-DUMMY	T5-JEF	0.000	1.70	0.000	0.005		0.0	2011-08-24
T5-OBS-DUMMY	T5-OBS-DUMMY	T5-OBS	0.006	1.09	0.000	0.607	-0.005	0.0	2011-08-24
T5-OBS-WEIR-DUMMY	T5-OBS	T5-OBS-WEIR-DUMMY	0.000	1.09	-0.110	1.457		107.5	2011-08-24
T6-4ST_A_H1-HA-141	T6-4ST_A	H1-HA-141	0.035	1.11	0.095	5.277	2.706	56.7	2011-08-24
T6-4ST_DUMMY	T6-4ST-DUMMY	T6-4ST	0.000	1.11	0.000	0.059		0.0	2011-08-24
T6-5ST_A_H1-MO-047	T6-5ST_A	H1-MO-047	0.153	1.17	-0.098	12.237	-0.640	-4.7	2011-08-24
T6-5ST-DUMMY	T6-5ST-DUMMY	T6-5ST	0.000	1.17	0.000	0.205		0.0	2011-08-24
T6-ADM_A_H4-AD-010	T6-ADM_A	H4-AD-010	0.085	1.35	0.079	5.363	0.934	160.2	2011-08-24
T6-ADM-DUMMY	T6-ADM-DUMMY	T6-ADM	0.000	1.63	0.000	0.005		0.0	2011-08-24
T6-GND_A_H1-GR-045	T6-GND_A	H1-GR-046	0.101	1.35	0.055	6.932	0.544	78.0	2011-08-24
T6-GND-DUMMY	T6-GND-DUMMY	T6-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T6-JEF_A_H5-JE-742	T6-JEF_A	H5-JE-742	0.070	1.40	0.107	7.333	1.526	131.2	2011-08-24
T6-JEF-DUMMY	T6-JEF-DUMMY	T6-JEF	0.000	1.60	0.000	0.005		0.0	2011-08-24
T6-MON_A_H4-MO-001	T6-MON_A	H4-MO-001	0.093	1.25	0.095	8.585	1.020	104.8	2011-08-24
T6-MON-DUMMY	T6-MON-DUMMY	T6-MON	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW_A_MH-T6-NEW	T6-NEW_A	MH-T6-NEW	0.090	1.17	-0.039	6.078	-0.429	125.7	2011-08-24
T6-NEW-DUMMY	T6-NEW-DUMMY	T6-NEW	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW-WEIR-DUMMY	T6-NEW	T6-NEW-WEIR-DUMMY	0.000	1.17	-0.039	1.301		133.8	2011-08-24
T7-5ST_A_MH-T5-TSTB	T7-5ST_A	MH-T5-5STB	0.145	1.11	-0.119	10.294	-0.817	-46.1	2011-08-24
T7-5ST-DUMMY	T7-5ST-DUMMY	T7-5ST	0.000	1.11	0.000	0.378		0.0	2011-08-24
T7-JEF_A_H1-JE-031	T7-JEF_A	H1-JE-031	0.070	1.15	-0.121	8.747	-1.719	71.6	2011-08-24
T7-JEF-DUMMY	T7-JEF-DUMMY	T7-JEF	0.000	1.15	0.000	0.627		0.0	2011-08-24
T7-JEF-WEIR-DUMMY	T7-JEF	T7-JEF-WEIR-DUMMY	0.000	1.15	-0.121	1.435		86.2	2011-08-24
T7-MON_A_H1-MO-062	T7-MON_A	H1-MO-062	0.086	1.19	-0.101	9.466	-1.174	58.0	2011-08-24
T7-MON-DUMMY	T7-MON-DUMMY	T7-MON	0.000	1.22	0.000	0.005		0.0	2011-08-24
T7-OBS_MH-T7-OBS	T7-OBS_A	MH-T7-OBS	0.110	1.13	-0.079	6.780	-0.722	57.6	2011-08-24
T7-OBS-DUMMY	T7-OBS-DUMMY	T7-OBS	0.000	1.20	0.000	0.005		0.0	2011-08-24
T8-ADM-DUMMY	T8-ADM-DUMMY	T8-ADM	0.000	1.50	0.000	0.005		0.0	2011-08-24
T8-ADM_A_H1-AD-043	T8-ADM_A	H1-AD-043	0.091	1.33	-0.058	7.075	-0.633	188.2	2011-08-24
T8-JEF_A_H1-JE-023	T8-JEF_A	H1-JE-023	0.086	1.16	-0.092	6.866	-1.070	93.5	2011-08-24
T8-JEF-DUMMY	T8-JEF-DUMMY	T8-JEF	0.000	1.20	0.000	0.005		0.0	2011-08-24
T8-JEF-WEIR-DUMMY	T8-JEF	T8-JEF-WEIR-DUMMY	0.000	1.16	-0.092	1.480		101.6	2011-08-24
T8-MAD_A_H5-11-750	T8-MAD_A	H5-11-750	0.100	1.31	0.088	7.303	0.887	49.2	2011-08-24
T8-MAD-DUMMY	T8-MAD-DUMMY	T8-MAD	0.000	1.31	0.000	0.072		0.0	2011-08-24
T9-ADM_A_H1-AD-035	T9-ADM_A	H1-03-140	0.070	1.17	0.122	9.762	1.726	169.0	2011-08-24
T9-ADM-DUMMY	T9-ADM-DUMMY	T9-ADM	0.000	1.17	0.000	0.758		0.0	2011-08-24
T9-MAD_A_H5-11-750	T9-MAD_A	H5-11-750	0.088	1.29	0.097	7.252	1.104	56.3	2011-08-24
T9-MAD-DUMMY	T9-MAD-DUMMY	T9-MAD	0.000	1.30	0.000	0.005		0.0	2011-08-24
TD12-13ST_A_H5-CL-648	TD12-13ST_A	H5-CL-648	0.149	1.27	-0.031	7.423	-0.205	14.2	2011-08-24
TD12-13ST-DUMMY	TD12-13ST-DUMMY	TD12-13ST	0.000	2.03	0.000	0.005		0.0	2011-08-24
TD14-CLA_A_H1-CL-036	TD14-CLA_A	H1-CL-036	0.035	1.26	0.086	6.926	2.446	51.7	2011-08-24
TD14-CLA-DUMMY	TD14-CLA-DUMMY	TD14-CLA	0.000	1.33	0.000	0.005		0.0	2011-08-24

TD1-4ST_A_H1-CL-036	TD1-4ST_A	H1-CL-036	0.145	1.28	-0.084	6.979	-0.581	25.1	2011-08-31
TD1-4ST-DUMMY	TD1-4ST-DUMMY	TD1-4ST	0.000	1.28	0.000	0.315		0.0	2011-08-31
TD1-WIL_A_H3-WI-022	TD1-WIL_A	H3-WI-022	0.079	1.34	0.078	6.481	0.996	54.9	2011-08-31
TD1-WIL-DUMMY	TD1-WIL-DUMMY	TD1-WIL	0.000	1.54	0.000	0.005		0.0	2011-08-31
TD23-CLA_A_H3-CL-007	TD23-CLA_A	H3-CL-007	0.050	1.41	0.080	6.337	1.617	71.4	2011-08-31
TD23-CLA-DUMMY	TD23-CLA-DUMMY	TD23-CLA	0.000	1.60	0.000	0.005		0.0	2011-08-31
TD25-WIL_A_H7-WI-009	TD6-WIL_A	H3-WI-015	0.079	1.36	0.071	6.333	0.906	55.0	2011-08-31
TD25-WIL_A_H7-WI-010	TD25-WIL_A	H7-WI-010	0.086	1.29	0.109	5.367	1.267	127.1	2011-08-31
TD25-WIL-DUMMY	TD25-WIL-DUMMY	TD25-WIL	0.000	1.60	0.000	0.005		0.0	2011-08-31
TD30-CLA_A_H4-CL-020	TD30-CLA_A	H4-CL-020	0.103	1.45	0.088	5.096	0.853	59.3	2011-08-31
TD30-CLA-DUMMY	TD30-CLA-DUMMY	TD30-CLA	0.000	1.85	0.000	0.005		0.0	2011-08-31
TD31-CLA_A_H5-CL-662	TD31-CLA_A	H5-CL-662	0.086	1.48	0.008	3.362	0.090	58.1	2011-08-31
TD31-CLA-DUMMY	TD31-CLA-DUMMY	TD31-CLA	0.000	2.89	0.000	0.005		0.0	2011-08-31
TD4-OBS_A_H1-OB-071	TD4-OBS_A	H1-OB-071	0.110	1.00	0.090	9.103	0.816	23.2	2011-08-31
TD4-OBS-DUMMY	TD4-OBS-DUMMY	TD4-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
TD4-OBS-WEIR-DUMMY	TD4-OBS	TD4-OBS-WEIR-DUMMY	0.000	1.00	0.089	1.227		43.0	2011-08-31
TD6-WIL-DUMMY	TD6-WIL-DUMMY	TD6-WIL	0.000	1.53	0.000	0.005		0.0	2011-08-31
TD8-GAR_A_H1-GA-012	TD8-GAR_A	H1-GA-012	0.086	0.96	0.094	7.039	1.085	94.8	2011-08-31
TD8-GAR-DUMMY	TD8-GAR-DUMMY	TD8-GAR	0.000	1.20	0.000	0.005		0.0	2011-08-31
TD8-GAR-WEIR-DUMMY	TD8-GAR	TD8-GAR-WEIR-DUMMY	0.000	0.95	0.093	1.367		105.3	2011-08-31

MIKE URBAN Hydraulic Results

Proposed DSD Alternatives: 100-Year Rainfall Event at Low Tide

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File Overview

Working dir :	C:\Projects\50074974\MIKEURBAN\ProposedAlternatives\	-
Sewer network data (UND) :	2D_Prop_LT_100yrProposedAlt.MEX	7/8/2016 7:39:08 AM
Hydrological data (HGF) :	2D_Prop_LT_100yrProposedAlt.MEX	7/8/2016 7:39:08 AM
Additional parameters file (ADP) :	-	-
Dry weather flow data (DWF) :	2D_Prop_LT_100yrProposedAlt.MEX	7/8/2016 7:39:08 AM
Repetitive profile data (RPF) :	-	-
Runoff Hydrographs (CRF) :	RO_Prop_100yrProposedAlt.CRF	7/6/2016 7:02:32 PM
Hotstart file (PRF) :	-	-
Result File (PRF) :	2D_Prop_LT_100yrProposedAlt.PRF	7/8/2016 7:39:18 AM
Reduced result file (PRF) :	-	-

Time Overview

Simulation start date :	2011-08-27 09:00:00	Calculation started :	2016-07-08 07:39:17
Simulation end date :	2011-08-28 09:00:00	Calculation ended :	2016-07-08 13:26:07
Save time step [hh:mm:ss] :	0:10:00	Calculation time [hh:mm:ss] :	5:46:50
Maximum time step [sec] :	0.75	Hotstart start date :	-
Minimum time step [sec] :	0.75		

Input Summary

Number of Manholes:	845
Number of Basins:	96
Number of Outlets:	10
Number of Storage Nodes:	0
Number of Circular Pipes:	568
Number of Rectangular pipes:	325
Number of CRS defined pipes:	3
Number of Pumps:	8
Number of Controlled Pumps:	0
Number of Weirs/Orifices:	97
Number of Controlled Weirs/Gates:	0
Number of Valves:	0
Number of Controlled Valves:	0

Nodes

Min Invert Level	WWTP	-100.00 m
Max Invert Level	14VO-02-001D	45.05 m
Min Ground Level	H1-WW	0.00 m
Max Ground Level	14VO-02-001D	45.78 m
Min X Coordinate	Node_45	5.8064E05 m
Max X Coordinate	Node_79	5.8258E05 m
Min Y Coordinate	Node_62	4.5097E06 m
Max Y Coordinate	H7-GR-001	4.5124E06 m
Total Manhole Volume		4950.3 m3
Total Basin Volume		842947.9 m3

Links

Total Circular Volume	71116.2 m3
Total CRS Volume	88166.1 m3
Total Length	77685.00 m

Simulation Result Summary

Continuity Balance

1 : Start volume in Pipes, Manholes and Structures	881419.7 m3
2 : End volume in Pipes, Manholes and Structures	981465.4 m3
3 : Total inflow volume	
Specified inflows	
Runoff :	618554.3 m3
DWF :	2053.4 m3
Non-specified inflows	
Outlets (inflow) :	3.6 m3
Inflow from 2D overland :	41749.3 m3
	662360.6 m3 --> 662360.5 m3
4 : Total diverted volume	
Operational, non-specified outflows	
Outlets :	433544.2 m3
Pumps :	114902.8 m3
Flow to 2D overland :	36424.5 m3
	584871.5 m3 --> 584871.5 m3
5 : Water generated in empty parts of the system :	1885.0 m3
6 : Continuity Balance = (2-1) - (3-4+5) :	20671.7 m3
Continuity Balance max value :	20671.7 m3
Continuity Balance min value :	0.0 m3

2D overland

Inflows from 2D overland

Manholes/basins:	41749.3 m3
Outlets:	0.0 m3
Total:	41749.3 m3

Outflows to 2D overland

Manholes/basins: 36424.5 m3

Pumps: 0.0 m3

Weirs: 0.0 m3

Outlets: 0.0 m3

Diverted Runoff: 22352.5 m3

Total: 58777.0 m3

Boundary Connections

Outlet levels

Boundary Condition ID	Location	Temporal variation	Value/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
							m	m
BC_38	HWF-14-001A	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_39	5	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_40	Node_40	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_41	Node_39	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_42	Node_10	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_43	Outfall8	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_44	Outfall6	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_45	Outfall3	Constant	-1.05	Unlimited	-	-	-1.05	-1.05
BC_46	HWF-OB-001	Constant	-1.05	Unlimited	-	-	-1.05	-1.05

Network loads (discharges)

Boundary Condition ID	Type	Load Type	Connection Type	Location	Temporal variation	Value/pattern/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
										m3/s	
Block12_Basin 2	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin1	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin3	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
CityHall	Discharge	Storm Runoff	Individual	H1-BL-016	Time Series	CityHall_Outflow.dfs0	Unlimited	-	-	0.000	0.000
HWF-10	Discharge	DWF	Individual	H2-01-002	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-11	Discharge	DWF	Individual	H3-RI-001	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-12	Discharge	DWF	Individual	H2-HP-001A	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-13	Discharge	DWF	Individual	H2-HP-001A	Constant	0.003	Unlimited	-	-	0.003	0.003
HWF-5	Discharge	DWF	Individual	H5-HU-015	Constant	0.009	Unlimited	-	-	0.009	0.009
HWF-6	Discharge	DWF	Individual	H5-HU-020	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-7	Discharge	DWF	Individual	H3-RI-006	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-8	Discharge	DWF	Individual	H3-RI-003	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-9	Discharge	DWF	Individual	H2-RI-004	Constant	0.001	Unlimited	-	-	0.001	0.001
Total :											

Network loads (discharges), summary by Load type

Load Type	Accumulated Value
	m3
Storm Runoff	384.1
DWF	2053.4
Total :	2437.5

Network loads (discharges), summary by Temporal variation

Temporal variation	Accumulated Value
	m3
Constant	2053.4
Time Series	384.1
Total :	2437.5

Weir/Orifice-Gate/Valve Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum
	[m3/s]	[m3/s]	[m3]		
H1.4	0.000	5.247	153921.5	2011-08-27 09:00:00	2011-08-27 22:00:00
H2.4	0.000	1.318	21556.2	2011-08-27 09:00:00	2011-08-27 22:00:00
H3.4	0.000	1.360	34329.7	2011-08-27 09:00:00	2011-08-27 22:00:00
H4.4	0.000	2.818	45365.1	2011-08-27 09:00:00	2011-08-27 22:00:00
H5.4	0.000	2.092	57398.8	2011-08-27 09:00:00	2011-08-27 22:00:00
H5_WW_Weir	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
H6.4	0.000	1.042	17911.4	2011-08-27 09:00:00	2011-08-27 22:00:00
H7.4	-0.093	0.017	-1025.0	2011-08-27 20:20:00	2011-08-28 06:20:00
HS1.3	0.000	0.390	4567.4	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_100	-0.100	0.063	-44.7	2011-08-27 20:20:00	2011-08-28 04:00:00
Weir_101	-0.086	0.094	126.6	2011-08-27 20:20:00	2011-08-28 04:20:00
Weir_103	-0.125	0.118	65.6	2011-08-27 20:50:00	2011-08-28 00:20:00
Weir_107	-0.060	0.056	96.5	2011-08-27 20:30:00	2011-08-27 22:20:00
Weir_110	-0.106	0.096	78.2	2011-08-27 20:20:00	2011-08-28 01:40:00
Weir_111	-0.102	0.094	50.7	2011-08-27 20:50:00	2011-08-27 23:50:00
Weir_113	-0.067	0.064	82.6	2011-08-27 20:50:00	2011-08-27 22:30:00
Weir_116	-0.035	0.099	81.9	2011-08-27 21:00:00	2011-08-27 22:20:00
Weir_118	-0.033	0.099	75.1	2011-08-27 21:20:00	2011-08-27 22:30:00
Weir_119	-0.063	0.081	49.6	2011-08-27 20:40:00	2011-08-27 22:20:00
Weir_120	-0.118	0.119	58.8	2011-08-27 20:40:00	2011-08-28 00:40:00
Weir_121	-0.106	0.104	72.8	2011-08-27 20:40:00	2011-08-28 00:40:00
Weir_123	-0.116	0.095	120.0	2011-08-27 20:50:00	2011-08-27 23:30:00
Weir_125	-0.097	0.084	64.7	2011-08-27 20:40:00	2011-08-27 23:30:00
Weir_129	-0.047	0.048	27.6	2011-08-27 20:50:00	2011-08-27 22:10:00
Weir_69	-0.087	0.084	72.6	2011-08-27 20:30:00	2011-08-28 01:30:00
Weir_70	-0.052	0.033	153.0	2011-08-27 20:30:00	2011-08-28 01:10:00
Weir_73	-0.118	0.105	118.9	2011-08-27 20:30:00	2011-08-28 01:40:00
Weir_75	-0.101	0.086	37.2	2011-08-27 20:20:00	2011-08-27 23:10:00
Weir_76	-0.061	0.085	117.0	2011-08-27 20:30:00	2011-08-27 22:30:00
Weir_77	-0.155	0.131	62.3	2011-08-27 20:30:00	2011-08-28 01:30:00
Weir_81	-0.128	0.115	53.0	2011-08-27 20:30:00	2011-08-28 01:40:00
Weir_82	-0.120	0.129	209.5	2011-08-27 20:30:00	2011-08-28 01:30:00
Weir_83	-0.085	0.082	56.7	2011-08-27 20:20:00	2011-08-28 04:10:00
Weir_84	-0.133	0.176	117.8	2011-08-27 20:20:00	2011-08-28 04:30:00
Weir_85	-0.130	0.109	24.0	2011-08-27 20:20:00	2011-08-28 02:40:00
Weir_87	-0.090	0.061	115.3	2011-08-27 20:30:00	2011-08-28 00:10:00

Weir_88	-0.086	0.068	66.0	2011-08-27 20:30:00	2011-08-28 00:10:00
Weir_89	-0.094	0.055	32.5	2011-08-27 20:30:00	2011-08-28 00:50:00
Weir_91	0.000	0.013	99.7	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_94	-0.073	0.041	79.2	2011-08-27 20:30:00	2011-08-27 22:30:00
Weir_99	-0.141	0.097	10.4	2011-08-27 20:20:00	2011-08-28 01:40:00
Weir_B10	-0.530	0.533	4278.2	2011-08-27 20:20:00	2011-08-28 06:00:00
Weir_BASF	0.000	0.581	20424.1	2011-08-27 09:00:00	2011-08-27 23:10:00
Weir_CLA-PS	0.000	0.127	516.7	2011-08-27 09:00:00	2011-08-27 22:30:00
Weir_HHA	0.000	0.324	6644.1	2011-08-27 09:00:00	2011-08-27 21:40:00
Weir_T15-MAD	-0.077	0.028	78.6	2011-08-27 20:20:00	2011-08-27 22:20:00
Weir_T16-MAD	-0.071	0.051	62.7	2011-08-27 20:20:00	2011-08-28 01:20:00
Weir_T1-HAR	-0.073	0.074	141.1	2011-08-27 20:50:00	2011-08-27 22:50:00
Weir_T2-2ST	-0.107	0.066	41.3	2011-08-27 20:20:00	2011-08-28 01:40:00
Weir_T2-6ST	-0.101	0.079	74.5	2011-08-27 20:30:00	2011-08-28 01:20:00
Weir_T2-7ST	-0.075	0.066	30.7	2011-08-27 20:40:00	2011-08-27 22:20:00
Weir_T2-BLM	-0.039	0.248	127.6	2011-08-27 21:50:00	2011-08-27 22:20:00
Weir_T3-4ST	-0.081	0.057	76.0	2011-08-27 20:30:00	2011-08-28 01:10:00
Weir_T3-6ST	-0.078	0.065	19.6	2011-08-27 20:30:00	2011-08-28 01:20:00
Weir_T3-ADM	-0.064	0.069	69.0	2011-08-27 21:00:00	2011-08-27 23:50:00
Weir_T3-GND	-0.009	0.057	-29.7	2011-08-27 21:10:00	2011-08-27 22:10:00
Weir_T3-OBS	-0.086	0.093	348.9	2011-08-27 20:30:00	2011-08-27 23:30:00
Weir_T4-5ST	-0.095	0.103	61.6	2011-08-27 20:20:00	2011-08-28 01:40:00
Weir_T4-6ST	-0.156	0.094	-24.5	2011-08-27 20:20:00	2011-08-28 01:40:00
Weir_T5-GND	-0.092	0.059	81.2	2011-08-27 20:30:00	2011-08-27 22:30:00
Weir_T5-JEF	-0.053	0.078	66.4	2011-08-27 20:30:00	2011-08-27 22:20:00
Weir_T6-ADM	-0.036	0.088	197.4	2011-08-27 20:50:00	2011-08-27 22:20:00
Weir_T6-JEF	-0.084	0.101	166.5	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_T6-MON	-0.089	0.094	138.4	2011-08-27 21:30:00	2011-08-27 23:40:00
Weir_T7-JEF	-0.125	0.123	92.0	2011-08-27 20:30:00	2011-08-28 01:40:00
Weir_T8-ADM	-0.068	0.047	227.3	2011-08-27 20:30:00	2011-08-27 22:20:00
Weir_T8-JEF	-0.099	0.086	114.8	2011-08-27 20:30:00	2011-08-28 01:20:00
Weir_T9-MAD	-0.095	0.096	74.0	2011-08-27 20:40:00	2011-08-27 23:40:00
Weir_TD1-WIL	-0.078	0.076	69.3	2011-08-27 20:30:00	2011-08-27 22:30:00
Weir_TD23-CLA	-0.082	0.079	88.0	2011-08-27 20:30:00	2011-08-27 22:30:00
Weir_TD25-WIL	-0.037	0.119	153.7	2011-08-27 20:50:00	2011-08-27 22:40:00
Weir_TD31-CLA	0.000	0.009	76.1	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_TD6-WIL	-0.070	0.069	68.6	2011-08-27 20:30:00	2011-08-27 22:30:00
H1.1	-0.166	0.276	-1436.6	2011-08-27 21:30:00	2011-08-28 02:30:00
H1-WW.1	0.000	0.036	69.9	2011-08-27 09:00:00	2011-08-27 22:30:00
H2.1	-0.018	0.039	389.0	2011-08-27 22:30:00	2011-08-27 20:20:00
H2-WW.2	-0.019	0.039	160.4	2011-08-27 22:30:00	2011-08-27 20:20:00
H3.1	0.000	0.117	5491.6	2011-08-27 09:00:00	2011-08-27 20:40:00
H3-WW.2	0.000	0.188	8047.2	2011-08-27 16:30:00	2011-08-27 20:40:00
H4.1	0.000	0.112	5030.7	2011-08-27 09:00:00	2011-08-27 20:40:00
H4-WW.1	0.000	0.112	4387.1	2011-08-27 09:00:00	2011-08-27 20:40:00
H5.1	0.000	0.154	6815.3	2011-08-27 09:00:00	2011-08-27 10:30:00

H5-WW.1	0.000	0.118	4805.6	2011-08-27 09:00:00	2011-08-27 10:30:00
H6.1	-0.010	0.030	826.8	2011-08-27 10:50:00	2011-08-27 22:00:00
H6-WW.2	-0.001	0.033	1079.1	2011-08-27 11:20:00	2011-08-27 22:00:00
H7.1	-0.017	0.076	899.6	2011-08-28 06:20:00	2011-08-27 20:30:00
H7-WW.2	-0.003	0.019	271.4	2011-08-28 06:20:00	2011-08-27 20:40:00
Orifice_13	0.000	1.290	21343.2	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_3	0.000	9.959	150488.5	2011-08-27 09:00:00	2011-08-27 23:10:00
Orifice_5	0.000	0.814	21095.9	2011-08-27 09:00:00	2011-08-27 22:30:00
Orifice_7	0.000	0.244	2890.6	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_8	0.000	2.902	47878.0	2011-08-27 09:00:00	2011-08-27 21:30:00
Orifice_9	0.000	0.308	5583.8	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_B10	-0.027	0.002	-189.2	2011-08-27 20:10:00	2011-08-27 20:00:00
Orifice_BASF	0.000	0.115	1255.0	2011-08-27 09:00:00	2011-08-27 23:00:00
Orifice_HHA	0.000	0.102	2983.8	2011-08-27 09:00:00	2011-08-28 03:20:00
outfall5-tg	0.000	4.367	71785.5	2011-08-27 09:00:00	2011-08-27 22:00:00

Pumps - Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum	Pump starts	Dry stops (1)	Speed	Operation total	Operation above dH or H range of RPMmax curve
	[m3/s]	[m3/s]	[m3]			[Count]	[Count]		[Hr:Min:Sec]	[Hr:Min:Sec]
11PS.3	0.000	0.173	14520.8	2011-08-27 09:00:00	2011-08-27 22:00:00	16	0	Constant	23:19:11	-
5PS.3	0.000	0.440	23884.5	2011-08-27 09:00:00	2011-08-27 20:10:00	2	0	Variable	16:23:09	-
5PS.4	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Variable	0:00:00	-
CLA-PS.1	0.000	0.057	513.5	2011-08-27 09:00:00	2011-08-27 22:10:00	69	22	Constant	0:42:13	-
H1-WW.3	0.000	2.650	114389.3	2011-08-27 09:00:00	2011-08-27 19:50:00	467	0	Constant	13:13:31	-
H5PS	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Constant	0:00:00	-
Pump_BASF	0.000	0.566	21486.2	2011-08-27 09:00:00	2011-08-27 23:10:00	96	13	Constant	10:48:51	-
Pump_HHA	0.000	0.316	9628.7	2011-08-27 09:00:00	2011-08-28 08:00:00	329	18	Constant	9:24:20	-

(1) : Pump stops due to dry pump well.

Warning: Dry stops occurred during the simulation. Insufficient volume below the stop level to let the pump decelerate normally.

Recommended: Check pump well volume, pump curve, acceleration-/deceleration time, start/stop conditions and other input data.

Links - Result summary

LinkID	From Node	To Node	Qf	Hmax	Qmax	Hmax/D	Qmax/Qf	Flow - Accumulated	Ti
			[m3/s]	[m]	[m3/s]			[m3]	
14VO-02-001D_14VO-MA-001B	14VO-02-001D	14VO-MA-001B	0.282	46.27	0.169	3.410	0.597	3496.0	2011-08-27 10:30:00
14VO-14-001_14VO-14-002	14VO-14-001	14VO-14-002	0.164	25.63	0.037	1.778	0.226	384.1	2011-08-27 10:50:00
14VO-14-001_14VO-14-005	14VO-14-001	14VO-14-005	0.228	25.52	0.072	2.406	0.316	665.9	2011-08-27 11:20:00
14VO-14-001C_14VO-14-001	14VO-14-001C	14VO-14-001	0.246	29.24	0.103	0.772	0.419	1051.2	2011-08-27 20:30:00
14VO-14-002_14VO-14-006	14VO-14-002	14VO-14-006	0.226	25.36	0.220	5.505	0.974	4488.3	2011-08-27 20:40:00
14VO-14-005_14VO-14-007	14VO-14-005	14VO-14-007	0.061	1.67	0.100	1.883	1.651	1021.1	2011-08-28 06:20:00
14VO-14-006_14VO-14-007	14VO-14-006	14VO-14-007	0.078	2.44	0.217	3.910	2.771	4589.0	2011-08-27 20:30:00

14VO-14-007_HWF-14-001A	Node_79	HWF-14-001A	0.659	-0.82	0.308	0.465	0.468	5583.5	2011-08-2
14VO-MA-001_14VO-14-002	14VO-MA-001	14VO-14-002	0.180	41.52	0.139	1.778	0.771	3483.2	2011-08-2
14VO-MA-001B_14VO-MA-001	14VO-MA-001B	14VO-MA-001	0.123	45.87	0.139	4.229	1.129	3489.3	2011-08-2
B10-MH_H1-OB-122A	B10-MH	H1-OB-122A	0.867	0.96	0.533	3.459	0.615	4081.9	2011-08-2
B10-STOR-A_B10-MH	B10-STOR-A	B10-MH	0.718	0.79	0.533	2.812	0.743	4086.7	2011-08-2
BASF-FM	BASF-FM	BASF-OF	0.000	5.74	0.566	9.422		21336.6	2011-08-2
Dummy_H5Weir	Node_89	Dummy_H5Weir	0.000	3.00	0.000	0.005		0.0	2011-08-2
DUMMY-B10	DUMMY-B10	B10-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-BASF	DUMMY-BASF	BASF-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-BASF-2	DUMMY-BASF-2	BASF-WW	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-CLA-PS	CLA-PS-DUMMY	CLA-PS	0.000	-1.04	0.127	0.073		516.3	2011-08-2
DUMMY-HHA	DUMMY-HHA	HHA-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-HHA-2	DUMMY-HHA-2	HHA-WW	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-T10-MAD	T10-MAD	T10-MAD-WEIR-DUMMY	0.000	1.18	-0.106	1.829		80.1	2011-08-2
DUMMY-T11-MAD	T11-MAD	T11-MAD-WEIR-DUMMY	0.000	1.29	0.119	1.528		74.2	2011-08-2
DUMMY-T15-MAD	T15-MAD	T15-MAD-WEIR-DUMMY	0.000	1.30	-0.041	1.141		96.8	2011-08-2
DUMMY-T16-MAD	T16-MAD	T16-MAD-WEIR-DUMMY	0.000	1.29	-0.070	1.318		76.5	2011-08-2
DUMMY-T1-GAR	T1-GAR	T1-GAR-WEIR-DUMMY	0.000	1.46	0.013	0.923		118.5	2011-08-2
DUMMY-T1-HAR	T1-HAR	T1-HAR-WEIR-DUMMY	0.000	1.44	0.074	1.598		146.7	2011-08-2
DUMMY-T2-4ST	T2-4ST	T2-4ST-WEIR-DUMMY	0.000	1.34	-0.090	1.625		121.0	2011-08-2
DUMMY-T2-5ST	T2-5ST	T2-5ST-WEIR-DUMMY	0.000	1.36	-0.073	1.446		87.0	2011-08-2
DUMMY-T2-6ST	T2-6ST	T2-6ST-WEIR-DUMMY	0.000	1.31	-0.101	1.473		81.6	2011-08-2
DUMMY-T2-7ST	T2-7ST	T2-7ST-WEIR-DUMMY	0.000	1.43	0.066	1.153		49.0	2011-08-2
DUMMY-T2-BLM	T2-BLM	T2-BLM-WEIR-DUMMY	0.000	3.32	0.247	1.231		143.0	2011-08-2
DUMMY-T2-JAC	T2-JAC	T2-JAC-WEIR-DUMMY	0.000	1.41	-0.067	1.597		88.6	2011-08-2
DUMMY-T2-MON	T2-MON	T2-MON-WEIR-DUMMY	0.000	1.42	-0.116	1.676		127.0	2011-08-2
DUMMY-T3-4ST	T3-4ST	T3-4ST-WEIR-DUMMY	0.000	1.33	-0.081	1.486		83.2	2011-08-2
DUMMY-T3-6ST	T3-6ST	T3-6ST-WEIR-DUMMY	0.000	1.30	-0.078	1.375		30.8	2011-08-2
DUMMY-T3-ADM	T3-ADM	T3-ADM-WEIR-DUMMY	0.000	1.43	0.069	1.355		78.2	2011-08-2
DUMMY-T3-GND	T3-GND	T3-GND-WEIR-DUMMY	0.000	1.46	0.056	1.122		-16.1	2011-08-2
DUMMY-T3-JAC	T3-JAC	T3-JAC-WEIR-DUMMY	0.000	1.25	-0.125	1.427		78.8	2011-08-2
DUMMY-T4-4ST	T4-4ST	T4-4ST-WEIR-DUMMY	0.000	1.17	-0.129	1.356		50.9	2011-08-2
DUMMY-T4-5ST	T4-5ST	T4-5ST-WEIR-DUMMY	0.000	1.25	0.103	1.408		72.9	2011-08-2
DUMMY-T4-6ST	T4-6ST	T4-6ST-WEIR-DUMMY	0.000	1.22	-0.118	1.297		6.1	2011-08-2
DUMMY-T4-GND	T4-GND	T4-GND-WEIR-DUMMY	0.000	1.43	0.099	1.302		87.6	2011-08-2
DUMMY-T5-5ST	T5-5ST	T5-5ST-WEIR-DUMMY	0.000	1.20	0.094	1.345		147.2	2011-08-2
DUMMY-T5-9ST	T5-9ST	T5-9ST-WEIR-DUMMY	0.000	1.46	0.081	1.187		63.2	2011-08-2
DUMMY-T5-GND	T5-GND	T5-GND-WEIR-DUMMY	0.000	1.41	-0.091	1.321		97.4	2011-08-2
DUMMY-T5-JAC	T5-JAC	T5-JAC-WEIR-DUMMY	0.000	1.15	0.176	1.483		139.0	2011-08-2
DUMMY-T5-JEF	T5-JEF	T5-JEF-WEIR-DUMMY	0.000	1.48	0.078	1.213		81.8	2011-08-2
DUMMY-T6-4ST	T6-4ST	T6-4ST-WEIR-DUMMY	0.000	1.20	-0.085	1.526		63.8	2011-08-2
DUMMY-T6-5ST	T6-5ST	T6-5ST-WEIR-DUMMY	0.000	1.22	-0.100	1.240		43.7	2011-08-2
DUMMY-T6-ADM	T6-ADM	T6-ADM-WEIR-DUMMY	0.000	1.46	0.088	1.380		202.9	2011-08-2
DUMMY-T6-GND	T6-GND	T6-GND-WEIR-DUMMY	0.000	1.42	-0.060	1.375		105.6	2011-08-2
DUMMY-T6-JEF	T6-JEF	T6-JEF-WEIR-DUMMY	0.000	1.50	0.100	1.375		178.0	2011-08-2
DUMMY-T6-MON	T6-MON	T6-MON-WEIR-DUMMY	0.000	1.34	0.094	1.334		154.2	2011-08-2

DUMMY-T7-5ST	T7-5ST	T7-5ST-WEIR-DUMMY	0.000	1.21	-0.099	1.341		-24.2	2011-08-21
DUMMY-T7-MON	T7-MON	T7-MON-WEIR-DUMMY	0.000	1.24	-0.108	1.347		96.8	2011-08-21
DUMMY-T8-ADM	T8-ADM	T8-ADM-WEIR-DUMMY	0.000	1.38	-0.068	1.406		236.8	2011-08-21
DUMMY-T8-MAD	T8-MAD	T8-MAD-WEIR-DUMMY	0.000	1.40	-0.096	1.635		72.6	2011-08-21
DUMMY-T9-ADM	T9-ADM	T9-ADM-WEIR-DUMMY	0.000	1.22	0.129	1.402		227.8	2011-08-21
DUMMY-T9-MAD	T9-MAD	T9-MAD-WEIR-DUMMY	0.000	1.37	0.096	1.465		82.9	2011-08-21
DUMMY-TD12-13ST	TD12-13ST	Node_378	0.000	1.43	0.046	1.050		46.1	2011-08-21
DUMMY-TD14-CLA	TD14-CLA	TD14-CLA-WEIR-DUMMY	0.000	1.32	-0.086	1.416		75.0	2011-08-21
DUMMY-TD1-4ST	TD1-4ST	TD1-4ST-WEIR-DUMMY	0.000	1.34	-0.093	1.659		38.4	2011-08-21
DUMMY-TD1-WIL	TD1-WIL	TD1-WIL-WEIR-DUMMY	0.000	1.40	-0.078	1.454		77.1	2011-08-21
DUMMY-TD23-CLA	TD23-CLA	TD23-CLA-WEIR-DUMMY	0.000	1.47	-0.081	1.437		95.5	2011-08-21
DUMMY-TD25-WIL	TD25-WIL	TD25-WIL-WEIR-DUMMY	0.000	1.44	0.119	1.417		159.4	2011-08-21
DUMMY-TD30-CLA	TD30-CLA	TD30-CLA-WEIR-DUMMY	0.000	1.58	0.099	1.305		80.7	2011-08-21
DUMMY-TD31-CLA	TD31-CLA	TD31-CLA-WEIR-DUMMY	0.000	1.97	0.009	0.871		87.4	2011-08-21
DUMMY-TD6-WIL	TD6-WIL	TD6-WIL-WEIR-DUMMY	0.000	1.42	-0.069	1.418		76.0	2011-08-21
H1_REGULATOR_H2-INT-001A	H1-IC	H2-INT-001A	1.155	0.34	0.254	2.060	0.220	-1384.1	2011-08-21
H1_Outfall	H1-OB-008	H1	0.000	0.24	5.088	1.435		152524.6	2011-08-21
H1-01-005_H1-01-021	H1-01-005	H1-01-021	0.000	1.27	0.015	2.506		182.9	2011-08-21
H1-01-006_H1-01-006A	H1-01-006	H1-01-006A	1.471	1.39	0.108	2.256	0.073	219.7	2011-08-21
H1-01-006A_H1-01-010	H1-01-006A	H1-01-010	0.366	1.35	0.370	2.220	1.012	588.5	2011-08-21
H1-01-007_H1-01-006	H1-01-007	H1-01-006	2.782	1.39	0.015	2.528	0.005	181.6	2011-08-21
H1-01-010_H1-WI-019	H1-01-010	H1-WI-019	3.185	1.28	0.771	2.358	0.242	27780.0	2011-08-21
H1-01-021_H1-GA-018	H1-01-021	H1-GA-018	1.018	1.24	0.674	2.558	0.662	13524.3	2011-08-21
H1-01-029_H1-01-010	H1-01-029	H1-01-010	0.588	1.32	0.655	2.582	1.115	18075.9	2011-08-21
H1-01-033_H1-01-029	H1-01-033	H1-01-029	1.529	1.31	0.651	2.666	0.426	17518.5	2011-08-21
H1-01-033_H1-NE-011	H1-01-033	H1-NE-011	0.411	1.31	0.362	3.729	0.880	10454.1	2011-08-21
H1-01-034_H1-01-033	H1-01-034	H1-01-033	3.906	1.31	0.544	2.840	0.139	13430.9	2011-08-21
H1-01-075_H1-01-034	H1-01-075	H1-01-034	1.640	1.31	0.544	2.747	0.331	13486.1	2011-08-21
H1-01-075_H1-NE-014A	H1-01-075	H1-NE-014A	0.078	1.30	0.188	2.802	2.422	5403.7	2011-08-21
H1-01-077_H1-01-075	H1-01-077	H1-01-075	2.019	1.31	0.643	2.684	0.319	15497.0	2011-08-21
H1-01-080_H1-01-077	H1-01-080	H1-01-077	1.312	1.30	0.643	3.298	0.490	15534.3	2011-08-21
H1-01-080_H1-NE-020	H1-01-080	H1-NE-020	0.601	1.29	0.918	2.463	1.526	31361.5	2011-08-21
H1-01-081_H1-01-080	H1-01-081	H1-01-080	0.359	1.29	0.925	3.285	2.576	28080.4	2011-08-21
H1-01-085_H1-01-081	H1-01-085	H1-01-081	1.878	1.26	0.925	2.777	0.493	28129.7	2011-08-21
H1-01-085_H1-MA-010	H1-01-085	H1-MA-010	0.686	1.26	0.212	3.017	0.309	7213.4	2011-08-21
H1-01-089_H1-01-085	H1-01-089	H1-01-085	1.577	1.25	1.235	2.755	0.783	30968.4	2011-08-21
H1-01-089_H1-OB-116	H1-01-089	H1-OB-116	0.947	1.24	0.266	3.214	0.281	-90.7	2011-08-21
H1-01-100_H1-01-089	H1-01-100	H1-01-089	0.000	1.24	1.486	2.744		33474.4	2011-08-21
H1-01-100_H1-JA-022	H1-01-100	H1-JA-022	0.837	1.23	0.452	2.948	0.541	3198.5	2011-08-21
H1-01-104_H1-01-100	H1-01-104	H1-01-100	1.623	1.23	1.274	2.873	0.785	25498.8	2011-08-21
H1-01-110_H1-01-104	H1-01-110	H1-01-104	2.796	1.23	0.990	2.925	0.354	23169.2	2011-08-21
H1-01-115_H1-01-110	H1-01-115	H1-01-110	1.170	1.24	0.777	3.153	0.664	18158.5	2011-08-21
H1-01-116_H1-01-115	H1-01-116	H1-01-115	1.356	1.26	0.568	2.814	0.419	19610.7	2011-08-21
H1-01-117_H1-01-116	H1-01-117	H1-01-116	0.451	1.27	-0.098	3.664	-0.217	-1574.0	2011-08-21
H1-01-118_H1-01-117	H1-01-118	H1-01-116	0.046	1.62	0.045	7.290	0.981	609.4	2011-08-21
H1-02-038A_H1-WI-022	H1-02-038A	H1-WI-022	0.563	1.38	0.447	3.553	0.793	8030.2	2011-08-21

H1-03-001_H3-03-006	H1-03-001	H3-03-006	1.879	1.09	1.085	1.821	0.578	34726.2	2011-08-31
H1-03-003A_H1-03-001	H1-03-003A	H1-03-001	4.038	1.18	1.071	2.561	0.265	34220.8	2011-08-31
H1-03-060_H3-03-022	H1-03-060	H3-03-022	1.787	1.39	0.838	2.355	0.469	15904.4	2011-08-31
H1-03-090_H1-03-060	H1-03-090	H1-03-060	1.237	1.37	0.643	2.874	0.520	11625.9	2011-08-31
H1-03-090_H1-GR-022	H1-03-090	H1-GR-022	1.381	1.34	0.434	4.080	0.314	10925.4	2011-08-31
H1-03-140_H1-03-090	H1-03-140	H1-03-090	1.651	1.33	0.916	3.654	0.555	15937.7	2011-08-31
H1-03-170_H1-03-140	H1-03-170	H1-03-140	2.258	1.31	0.705	2.146	0.312	8925.8	2011-08-31
H1-03-180_H1-03-170	H1-03-180	H1-03-170	2.657	1.31	0.611	2.720	0.230	9274.7	2011-08-31
H1-03-200_H1-03-180	H1-03-200	H1-03-180	0.933	1.30	0.993	2.832	1.064	17313.2	2011-08-31
H1-03-200_H1-MA-027	H1-03-200	H1-MA-027	1.697	1.30	-0.240	4.234	-0.141	304.9	2011-08-31
H1-03-210_H1-03-200	H1-03-210	H1-03-200	1.256	1.28	0.640	2.743	0.509	11544.6	2011-08-31
H1-03-210_H1-MO-036	H1-03-210	H1-MO-036	1.484	1.28	-0.448	3.412	-0.302	-5858.5	2011-08-31
H1-07-013_H1-BL-091	H1-07-013	H1-BL-091	0.274	5.37	0.245	6.549	0.893	2916.6	2011-08-31
H1-08-011_H1-BL-093	H1-08-011	H1-BL-093	0.050	4.07	0.036	7.680	0.724	402.1	2011-08-31
H1-08-011A_H1-08-011	H1-08-011A	H1-08-011	0.000	4.08	0.004	7.619		-0.6	2011-08-31
H1-AD-026_H1-01-075	H1-AD-026	H1-01-075	0.000	1.31	0.189	3.136		1439.4	2011-08-31
H1-AD-030_H1-03-140	H1-AD-030	H1-03-140	0.000	1.31	-0.108	3.441		3.0	2011-08-31
H1-AD-035_H1-03-140	H1-AD-035	H1-03-140	0.177	1.31	0.278	3.441	1.570	6222.0	2011-08-31
H1-AD-039_H1-AD-035	H1-AD-039	H1-AD-035	1.136	1.34	0.286	3.446	0.252	5946.1	2011-08-31
H1-AD-042_H1-AD-039	H1-AD-042	H1-AD-039	0.653	1.37	0.336	2.939	0.515	4836.0	2011-08-31
H1-AD-048_H1-AD-042	H1-AD-043	H1-AD-042	0.585	1.38	0.253	2.844	0.433	3417.3	2011-08-31
H1-AD-053_H1-AD-048	H1-AD-053	H1-AD-048	0.778	1.41	0.106	2.710	0.136	1293.8	2011-08-31
H1-Alt-Grav1.2	H1-Alt-Grav1	OF-H1-V2	0.000	-0.20	1.117	1.413		19469.9	2011-08-31
H1-Alt-Grav2.1	H1-Alt-Grav2	OF-H1-V2	0.000	-0.20	1.148	1.416		20051.0	2011-08-31
H1-BL-007_H1-BL-009	H1-BL-007	H1-BL-009	0.000	0.86	0.280	3.267		3730.1	2011-08-31
H1-BL-009_H1-OB-010	H1-BL-009	H1-OB-010	3.875	0.68	4.853	2.076	1.252	149820.6	2011-08-31
H1-BL-016_H1-BL-009	H1-BL-016	H1-BL-009	1.531	1.60	1.406	2.598	0.918	18182.3	2011-08-31
H1-BL-017_H1-BL-016	H1-BL-017	H1-BL-016	0.800	1.90	1.270	2.687	1.587	16496.0	2011-08-31
H1-BL-024_H1-BL-017	H1-BL-024	H1-BL-017	0.949	2.42	1.188	3.005	1.252	15492.8	2011-08-31
H1-BL-030_H1-BL-024	H1-BL-030	H1-BL-024	0.634	2.87	1.055	3.403	1.663	13166.7	2011-08-31
H1-BL-037_H1-BL-030	H1-BL-037	H1-BL-030	0.941	3.29	1.052	3.527	1.118	13187.3	2011-08-31
H1-BL-039_H1-BL-037	H1-BL-039	H1-BL-037	1.111	3.57	0.872	3.611	0.785	11079.4	2011-08-31
H1-BL-090C_H1-BL-090B	H1-BL-090C	H1-BL-090B	0.000	5.67	-0.056	22.068		-763.1	2011-08-31
H1-BL-090E_H1-BL-039	H1-BL-090E	H1-BL-039	0.825	3.80	0.800	3.490	0.969	9627.5	2011-08-31
H1-BL-090E_H1-BL-090	H1-BL-090E	H1-BL-090	0.059	3.95	-0.545	4.131	-9.211	-6662.3	2011-08-31
H1-BL-090E_H1-BL-090C	H1-BL-090E	H1-BL-090C	0.000	4.02	-0.082	9.315		-1237.6	2011-08-31
H1-BL-091_H1-BL-090	H1-BL-091	H1-BL-090	0.299	3.99	0.536	3.239	1.791	6481.4	2011-08-31
H1-BL-093_H1-BL-091	H1-BL-093	H1-BL-091	0.702	4.03	0.215	3.275	0.306	2475.7	2011-08-31
H1-BL-095_H1-BL-093	H1-BL-095	H1-BL-093	0.137	4.07	0.071	6.144	0.523	653.6	2011-08-31
H1-CL-014_H1-NE-007	H1-CL-014	H1-NE-007	1.318	1.28	0.065	5.010	0.049	768.2	2011-08-31
H1-CL-015_H1-CL-023	H1-CL-015	H1-CL-023	1.872	1.34	-0.242	2.942	-0.129	-972.7	2011-08-31
H1-CL-023_H1-03-060	H1-CL-023	H1-03-060	0.916	1.36	-0.423	3.732	-0.461	368.5	2011-08-31
H1-CL-036_H1-03-060	H1-CL-036	H1-03-060	1.251	1.38	0.262	3.460	0.209	1849.6	2011-08-31
H1-GA-017_H1-OB-031	H1-GA-012	H1-OB-031	1.135	1.04	0.784	1.869	0.691	15229.3	2011-08-31
H1-GA-018_H1-GA-017	H1-GA-018	H1-GA-017	3.229	1.18	0.673	1.804	0.209	13516.7	2011-08-31

H1-GR-022_H1-01-033	H1-GR-022	H1-01-033	0.710	1.33	0.459	4.057	0.646	12823.3	2011-08-24
H1-GR-027_H1-03-090	H1-GR-027	H1-03-090	2.875	1.34	0.303	4.334	0.105	5677.7	2011-08-24
H1-GR-033_H1-GR-027	H1-GR-033	H1-GR-027	1.283	1.37	0.400	2.831	0.311	6159.3	2011-08-24
H1-GR-037_H1-GR-033	H1-GR-037	H1-GR-033	0.855	1.40	0.314	2.403	0.367	4625.1	2011-08-24
H1-GR-038_H1-GR-037	H1-GR-038	H1-GR-037	0.988	1.41	0.165	2.747	0.167	2033.7	2011-08-24
H1-GR-054_H1-GR-047	H1-GR-054	H1-GR-046	1.224	1.42	0.104	3.451	0.085	1384.2	2011-08-24
H1-HA-130_H1-HA-132	PR_DH_MH1	H1-HA-132	0.796	1.23	-0.110	2.758	-0.139	-952.2	2011-08-24
H1-HA-132_H1-01-110	H1-HA-132	H1-01-110	0.848	1.23	0.080	3.912	0.095	719.5	2011-08-24
H1-HA-132A_H1-HA-132	H1-HA-132A	H1-HA-132	0.000	1.25	0.025	5.334		287.8	2011-08-24
H1-HA-135_H1-01-110	H1-HA-135	H1-01-110	0.000	1.24	0.174	3.509		1821.4	2011-08-24
H1-HA-136_H1-HA-138	H1-HA-136	H1-HA-138	0.039	1.29	0.046	7.902	1.171	616.6	2011-08-24
H1-HA-138_H1-HA-139	H1-HA-138	H1-HA-139	0.084	1.21	0.047	4.259	0.554	529.5	2011-08-24
H1-HA-138A_H1-HA-138	H1-HA-138A	H1-HA-138	0.127	1.21	0.003	4.820	0.026	80.1	2011-08-24
H1-HA-138B_H1-HA-138A	H1-HA-138B	H1-HA-138A	0.000	1.21	0.001	5.994		80.1	2011-08-24
H1-HA-139_H1-HA-140	H1-HA-139	H1-HA-140	0.037	1.22	0.048	6.145	1.297	652.5	2011-08-24
H1-HA-139A_H1-HA-139	H1-HA-139A	H1-HA-139	0.226	1.21	0.003	4.259	0.013	58.0	2011-08-24
H1-HA-140_H1-HA-141	H1-HA-140	H1-HA-141	0.189	1.22	0.048	4.476	0.254	704.1	2011-08-24
H1-HA-140A_H1-HA-140	H1-HA-140A	H1-HA-140	0.130	1.22	0.004	4.219	0.032	51.4	2011-08-24
H1-HA-140B_H1-HA-140A	H1-HA-140B	H1-HA-140A	0.072	1.21	0.000	6.852	-0.007	0.0	2011-08-24
H1-HA-140C_H1-HA-140A	H1-HA-140C	H1-HA-140A	0.026	1.21	-0.002	6.852	-0.064	51.5	2011-08-24
H1-HA-141_H1-JA-043	H1-HA-141	H1-JA-043	0.506	1.21	0.095	6.200	0.188	750.4	2011-08-24
H1-HU-001_H1-HU-002	H1-HU-001	H1-HU-002	0.058	7.90	0.082	1.103	1.412	960.2	2011-08-24
H1-HU-002_H1-07-013	H1-HU-002	H1-07-013	0.379	7.58	0.141	6.470	0.373	1648.2	2011-08-24
H1-HU-003_H1-HU-002	H1-HU-003	H1-HU-002	0.000	7.77	0.036	0.946		405.4	2011-08-24
H1-JA-021_H1-OB-121	H1-JA-021	H1-OB-121	1.035	1.22	0.456	3.191	0.440	2988.3	2011-08-24
H1-JA-022_H1-JA-021	H1-JA-022	H1-JA-021	1.833	1.22	0.452	2.406	0.247	3157.3	2011-08-24
H1-JA-034_H1-01-100	MH-T2-2STB	H1-01-100	1.689	1.22	0.658	4.917	0.390	8262.2	2011-08-24
H1-JA-037B_H1-JA-034	H1-JA-037B	H1-JA-034	1.219	1.21	0.587	5.599	0.482	5639.8	2011-08-24
H1-JA-043_H1-JA-037B	H1-JA-043	H1-JA-037B	1.031	1.21	0.539	4.654	0.523	4215.0	2011-08-24
H1-JA-046_H1-JA-043	H1-JA-046	H1-JA-043	3.074	1.21	-0.178	4.170	-0.058	1581.4	2011-08-24
H1-JE-026A_H1-01-080	H1-JE-026A	H1-JE-023	0.107	1.28	0.598	1.870	5.608	16715.8	2011-08-24
H1-JE-031_H1-03-180	H1-JE-031	H1-03-180	1.018	1.31	-0.502	2.129	-0.493	-14477.6	2011-08-24
H1-JE-031_H1-JE-026A	H1-JE-031	H1-JE-026A	1.570	1.29	0.574	2.673	0.366	14993.2	2011-08-24
H1-JE-032_H1-03-180	H1-JE-032	H1-03-180	5.104	1.31	0.300	2.130	0.059	4963.2	2011-08-24
H1-JE-037_H1-JE-032	H1-JE-037	H1-JE-032	0.842	1.31	0.349	3.024	0.414	5343.3	2011-08-24
H1-JE-044_H1-JE-037	H1-JE-044	H1-JE-037	0.846	1.32	0.308	2.354	0.364	4488.2	2011-08-24
H1-JE-050_H1-JE-044	H1-JE-050	H1-JE-044	0.679	1.35	0.206	2.207	0.303	3089.7	2011-08-24
H1-JE-055_H1-JE-050	H1-JE-055	H1-JE-050	0.806	1.36	0.105	2.958	0.130	1244.4	2011-08-24
H1-Junction1.1	H1-Junction1	OF-H1-V2	0.475	-0.24	-0.001	1.390	-0.001	0.0	2011-08-24
H1-Junction2.1	H1-Junction2	OF-H1-V2	0.475	-0.24	-0.001	1.390	-0.001	0.0	2011-08-24
H1-MA-010_H1-OB-100	H1-MA-010	H1-OB-100	0.999	1.24	0.212	3.948	0.212	7183.4	2011-08-24
H1-MA-027_H1-01-085	H1-MA-027	H1-01-085	1.355	1.29	0.249	2.757	0.184	2065.4	2011-08-24
H1-MA-038_H1-03-200	H1-MA-038	H1-03-200	1.462	1.28	0.363	5.184	0.248	5008.2	2011-08-24
H1-MA-041_H1-MA-038	H1-MA-041	H1-MA-038	1.570	1.28	0.242	4.240	0.154	4386.5	2011-08-24
H1-MA-048_H1-MA-041	H1-MA-044	H1-MA-041	0.530	1.30	0.229	3.431	0.432	3186.2	2011-08-24
H1-MA-054_H1-MA-048	H1-MA-054	H1-MA-048	0.566	1.32	0.107	3.342	0.189	1254.6	2011-08-24

H1-MO-010_H1-NE-030	H1-MO-010	H1-NE-030	3.429	1.23	0.207	2.243	0.060	1813.8	2011-08-24
H1-MO-033_H1-01-089	H1-MO-033	H1-01-089	0.845	1.26	-0.436	2.437	-0.516	-4134.2	2011-08-24
H1-MO-036_H1-MO-033	H1-MO-036	H1-MO-033	0.737	1.27	-0.448	3.172	-0.608	-5848.2	2011-08-24
H1-MO-043_H1-03-210	H1-MO-043	H1-03-210	0.847	1.27	0.348	4.688	0.412	3849.7	2011-08-24
H1-MO-044_H1-MO-043	H1-MO-044	H1-MO-043	1.862	1.26	0.322	5.448	0.173	3214.3	2011-08-24
H1-MO-047_H1-MO-044	H1-MO-047	H1-MO-044	5.079	1.26	0.321	2.815	0.063	3300.7	2011-08-24
H1-MO-057_H1-MO-047	H1-MO-057	H1-MO-047	1.102	1.26	0.210	3.168	0.191	2856.9	2011-08-24
H1-MO-062_H1-MO-057	H1-MO-062	H1-MO-057	0.771	1.27	0.105	4.125	0.137	1429.0	2011-08-24
H1-NE-002_H1-PA-015	H1-NE-002	H1-PA-015	0.000	1.08	0.109	1.943		246.4	2011-08-24
H1-NE-003_H1-WI-011	H1-NE-003	H1-WI-011	2.015	1.22	1.105	2.576	0.549	38158.7	2011-08-24
H1-NE-007_H1-NE-003	H1-NE-007	H1-NE-003	1.403	1.25	0.316	2.659	0.225	9755.0	2011-08-24
H1-NE-011_H1-NE-007	H1-NE-011	H1-NE-007	0.410	1.29	0.260	3.337	0.633	8436.1	2011-08-24
H1-NE-011_H1-NE-014A	H1-NE-011	H1-NE-014A	0.306	1.27	0.234	2.761	0.764	4215.1	2011-08-24
H1-NE-014A_H1-NE-017	H1-NE-014A	H1-NE-017	2.443	1.25	0.477	2.055	0.195	10301.9	2011-08-24
H1-NE-017_H1-NE-019	H1-NE-017	H1-NE-019	5.055	1.23	0.477	2.387	0.094	10259.5	2011-08-24
H1-NE-019_H1-NE-020	H1-NE-019	H1-NE-020	2.933	1.23	0.478	1.498	0.163	10221.2	2011-08-24
H1-NE-020_H1-OB-090	H1-NE-020	H1-OB-090	4.253	1.20	1.703	2.395	0.400	59074.2	2011-08-24
H1-NE-021_H1-OB-091	H1-NE-021	H1-OB-091	1.305	1.21	0.390	2.845	0.299	9246.7	2011-08-24
H1-NE-026_H1-NE-021	H1-NE-026	H1-NE-021	0.588	1.22	0.388	2.542	0.661	8998.2	2011-08-24
H1-NE-029A_H1-NE-026	H1-NE-029A	H1-NE-026	0.735	1.23	0.381	2.305	0.519	7934.5	2011-08-24
H1-NE-030_H1-NE-029A	H1-NE-030	MH-T6-NEW	0.604	1.23	0.379	3.185	0.626	7640.8	2011-08-24
H1-NE-031_H1-NE-030	H1-NE-031	H1-NE-030	2.717	1.23	0.274	1.869	0.101	5836.8	2011-08-24
H1-NE-040_H1-NE-031	H1-NE-040	H1-NE-031	0.421	1.23	0.271	2.070	0.644	5455.5	2011-08-24
H1-NE-047_H1-NE-040	H1-NE-047	H1-NE-040	0.123	1.23	0.041	2.855	0.336	440.6	2011-08-24
H1-OB-001_H1-OB-010	H1-OB-001	H1-OB-010	0.000	0.62	0.026	8.171		319.6	2011-08-24
H1-OB-010_H1-OB-008	H1-OB-010	H1-OB-008	8.196	0.43	5.006	1.785	0.611	151569.0	2011-08-24
H1-OB-031_H1-BL-009	H1-OB-031	H1-BL-009	1.701	0.93	3.898	2.290	2.291	127312.1	2011-08-24
H1-OB-050_H1-OB-031	H1-OB-050	H1-OB-031	4.392	1.03	3.310	2.339	0.754	111628.0	2011-08-24
H1-OB-050_H1-OB-050A	H1-OB-050	H1-OB-050A	0.000	1.06	0.004	1.684		3.2	2011-08-24
H1-OB-071_H1-OB-050	H1-OB-071	H1-OB-050	3.011	1.08	3.273	2.346	1.087	109208.2	2011-08-24
H1-OB-072_H1-OB-071	H1-OB-072	H1-OB-071	13.803	1.12	3.244	2.366	0.235	109311.3	2011-08-24
H1-OB-077_H1-OB-072	H1-OB-077	H1-OB-072	2.989	1.17	2.143	2.332	0.717	69321.5	2011-08-24
H1-OB-090_H1-OB-077	H1-OB-090	H1-OB-080A	1.172	1.19	2.072	2.390	1.767	68224.2	2011-08-24
H1-OB-091_H1-OB-090	H1-OB-091	H1-OB-090	0.617	1.20	0.391	2.889	0.634	9415.7	2011-08-24
H1-OB-095_H1-NE-020	H1-OB-095	H1-NE-020	1.512	1.23	0.588	4.725	0.389	17151.0	2011-08-24
H1-OB-100_H1-OB-095	H1-OB-100	H1-OB-095	8.108	1.23	0.581	1.530	0.072	17037.4	2011-08-24
H1-OB-101_H1-OB-100	MH-T5-OBS	H1-OB-100	0.357	1.23	0.385	3.506	1.079	9055.6	2011-08-24
H1-OB-116_H1-MO-010	H1-OB-116	H1-MO-010	1.228	1.23	0.192	2.844	0.157	1628.9	2011-08-24
H1-OB-116_H1-OB-101	H1-OB-116	H1-OB-101	0.811	1.23	0.337	2.589	0.415	8812.7	2011-08-24
H1-OB-117_H1-OB-116	H1-OB-117	H1-OB-116	2.455	1.23	0.529	2.464	0.215	9713.0	2011-08-24
H1-OB-121_H1-OB-117	H1-OB-121	H1-OB-117	1.679	1.22	0.523	3.764	0.312	8916.3	2011-08-24
H1-OB-121A_H1-OB-121	H1-OB-121A	H1-OB-121	0.108	1.21	-0.025	7.042	-0.228	-3.3	2011-08-24
H1-OB-122_H1-NE-040	H1-OB-122	H1-NE-040	0.676	1.22	0.256	1.594	0.379	3750.5	2011-08-24
H1-OB-122_H1-OB-121	H1-OB-122	H1-OB-121	8.080	1.21	0.438	2.346	0.054	5121.0	2011-08-24
H1-OB-122A_H1-OB-122	MH-T7-OBS	H1-OB-122	1.169	1.20	-0.576	2.807	-0.492	8425.2	2011-08-24
H1-OB-122B_H1-OB-122A	H1-OB-122B	H1-OB-122A	2.381	1.19	0.126	2.134	0.053	1374.8	2011-08-24

H1-OB-122C_H1-OB-122A	H1-OB-122C	H1-OB-122A	0.000	1.19	0.090	2.135		1339.1	2011-08-31
H1-OB-123_H1-HA-130	H1-OB-123	H1-HA-130	0.497	1.22	-0.110	3.110	-0.222	-344.1	2011-08-31
H1-OB-125_H1-OB-123	H1-OB-125	H1-OB-123	0.046	1.93	0.097	7.953	2.106	2038.5	2011-08-31
H1-OB-127_H1-OB-125	H1-OB-127	H1-OB-125	0.000	2.19	0.155	3.215		2043.9	2011-08-31
H1-PA-015_H1-OB-050	H1-PA-015	H1-OB-050	1.425	1.08	0.321	2.268	0.226	1922.0	2011-08-31
H1-PA-017_H1-01-006	H1-PA-017	H1-01-006	2.274	1.39	-0.057	3.844	-0.025	-1085.6	2011-08-31
H1-PA-017_H1-01-006A	H1-PA-017	H1-01-006A	4.736	1.39	0.263	2.567	0.056	385.5	2011-08-31
H1-PA-020A_H1-OB-117	H1-PA-020A	H1-OB-117	0.000	1.24	0.021	5.733		257.4	2011-08-31
H1-PA-024_H1-PA-017	H1-PA-024	H1-PA-017	0.622	1.43	0.267	4.112	0.429	-666.3	2011-08-31
H1-PA-030_H1-PA-050	H1-PA-030	H1-PA-050	0.048	1.24	-0.019	6.196	-0.403	-107.7	2011-08-31
H1-PA-050_H1-01-115	H1-PA-050	H1-01-115	0.467	1.24	-0.303	2.810	-0.649	-845.5	2011-08-31
H1-PA-050A_H1-PA-050	H1-PA-050A	H1-PA-050	0.000	1.24	0.204	2.754		-171.6	2011-08-31
H1-PA-060_H1-01-116	H1-PA-060	H1-01-116	0.341	1.32	0.062	6.026	0.182	1474.1	2011-08-31
H1-PA-061_H1-01-117	H1-PA-061	H1-01-116	0.295	1.75	0.558	4.208	1.894	19730.4	2011-08-31
H1-PA-062_H1-PA-061	H1-PA-062	H1-PA-061	0.000	5.23	0.574	11.818		23593.2	2011-08-31
H1-WA-011_H1-07-013	H1-WA-011	H1-07-013	0.000	5.72	0.018	8.173		221.4	2011-08-31
H1-WI-011_H1-OB-072	H1-WI-011	H1-OB-072	1.444	1.16	1.105	2.571	0.765	38103.0	2011-08-31
H1-WI-019_H1-NE-003	H1-WI-019	H1-NE-003	2.465	1.25	0.771	2.279	0.313	27765.3	2011-08-31
H1-WI-022_H1-01-010	H1-WI-022	H1-01-010	3.370	1.32	0.447	1.902	0.133	8000.6	2011-08-31
H1-WW.2	H1-WW	H1-Alt-Grav2	0.000	-0.01	1.148	1.629		20051.0	2011-08-31
H1-WW.4	H1-WW	H1-Alt-Grav1	0.000	0.00	1.117	1.638		19469.9	2011-08-31
H2 REGULATOR_H2-INT-009A	H2 REGULATOR	H2-INT-009A	4.043	0.37	-0.115	2.528	-0.028	-1266.5	2011-08-31
H2-01-001_H2-01-002	H2-01-001	H2-01-002	0.150	5.73	0.166	11.486	1.112	4094.7	2011-08-31
H2-01-001A_H2-01-001	H2-01-001A	H2-01-001	0.000	6.23	0.089	13.138		1473.7	2011-08-31
H2-01-002_H2-RI-004	H2-01-002	H2-RI-004	0.141	4.03	0.180	10.852	1.283	4465.6	2011-08-31
H2-01-003_H2-NE-010B	H2-01-003	H2-NE-010B	1.273	1.11	0.304	2.325	0.239	6896.5	2011-08-31
H2-02-003_H2-RI-005	H2-02-003	H2-RI-005	0.000	3.33	0.062	13.012		830.6	2011-08-31
H2-05-001_H2-WA-007	H2-05-001	H2-WA-007	0.000	3.93	0.059	2.693		735.1	2011-08-31
H2-05-002_H2-05-001	H2-05-002	H2-05-001	0.000	4.03	0.010	3.064		119.3	2011-08-31
H2-06-003_H2-WA-009	H2-06-003	H2-WA-009	0.110	7.85	0.169	8.376	1.532	2112.7	2011-08-31
H2-06-004_H2-06-003	H2-06-004	H2-06-003	0.000	9.16	0.050	13.505		622.6	2011-08-31
H2-CO-003_H2-01-001	H2-CO-003	H2-01-001	0.000	6.67	0.090	14.567		1185.3	2011-08-31
H2-CO-004AA_H2-CO-003	H2-CO-004AA	H2-CO-003	0.000	7.12	0.052	16.037		697.8	2011-08-31
H2-HP-001A_H2-HP-004	H2-HP-001A	H2-HP-004	0.077	2.42	0.129	7.088	1.674	1769.5	2011-08-31
H2-HP-004_H2-RI-009	H2-HP-004	H2-RI-009	0.133	1.78	0.199	4.798	1.502	3439.2	2011-08-31
H2-HP-008A_H2-HP-004	H2-HP-008A	H2-HP-004	0.112	2.49	0.067	7.088	0.600	823.8	2011-08-31
H2-INT-001_H2-INT-002	H2-INT-001	H2-INT-002	5.406	0.35	-0.166	2.276	-0.031	-1452.8	2011-08-31
H2-INT-001A_H2-INT-001	H2-INT-001A	H2-INT-001	0.848	0.34	-0.239	2.063	-0.282	-1423.6	2011-08-31
H2-INT-002_H2-INT-003	H2-INT-002	H2-INT-003	0.000	0.35	-0.166	0.616		-1471.5	2011-08-31
H2-INT-003_H2-INT-004	H2-INT-003	H2-INT-004	9.060	0.35	-0.167	2.133	-0.018	-1459.4	2011-08-31
H2-INT-004_H2-INT-005	H2-INT-004	H2-INT-005	3.968	0.36	-0.167	2.285	-0.042	-1484.0	2011-08-31
H2-INT-005_H2-INT-006	H2-INT-005	H2-INT-006	5.087	0.36	-0.167	2.106	-0.033	-1489.8	2011-08-31
H2-INT-006_H2-INT-007	H2-INT-006	H2-INT-007	5.496	0.36	-0.167	2.387	-0.030	-1582.2	2011-08-31
H2-INT-007_H2 REGULATOR	H2-INT-007	H2 REGULATOR	2.773	0.37	0.145	2.849	0.052	-1177.3	2011-08-31
H2-INT-009_H2-INT-010	H2-INT-009	H2-INT-010	0.908	0.37	-0.115	2.458	-0.126	-1465.3	2011-08-31

H2-INT-009A_H2-INT-009	H2-INT-009A	H2-INT-009	0.853	0.37	-0.115	2.531	-0.134	-1421.4	2011-08-24
H2-INT-010_H3-INT-001	H2-INT-010	H3-INT-001	3.060	0.37	-0.115	2.856	-0.037	-1498.8	2011-08-24
H2-NE-004_H2-NE-005	H2-NE-004	H2-NE-005	1.157	1.23	-0.545	3.241	-0.471	-7979.9	2011-08-24
H2-NE-004_H2-NE-010	H2-NE-004	H2-NE-010	1.554	1.16	0.659	2.735	0.424	9441.0	2011-08-24
H2-NE-005_H2-NE-007	H2-NE-005	H2-NE-007	1.314	1.28	-0.528	3.123	-0.402	-7799.7	2011-08-24
H2-NE-007_H2-WA-001	H2-NE-007	H2-WA-001	1.348	1.34	-0.508	2.970	-0.377	-7557.9	2011-08-24
H2-NE-010B_H2-NE-010	H2-NE-010B	H2-NE-010	2.316	1.09	0.304	2.735	0.131	6885.1	2011-08-24
H2-NE-013_H2-RI-009	H2-NE-013	H2-RI-009	0.150	1.32	0.053	13.029	0.355	697.6	2011-08-24
H2-NE-020.1	H2-NE-020	H2	0.852	0.55	-0.005	3.034	-0.006	-29.2	2011-08-24
H2-OF.1	H2-NE-010	H2	0.383	0.91	1.345	2.509	3.512	22011.4	2011-08-24
H2-RI-004_H2-01-003	H2-RI-004	H2-01-003	0.096	2.28	0.275	7.955	2.858	6518.5	2011-08-24
H2-RI-005_H2-RI-004	H2-RI-005	H2-RI-004	0.000	2.88	0.125	9.217		1681.2	2011-08-24
H2-RI-009_H2-NE-010	H2-RI-009	H2-NE-010	3.135	1.10	0.320	2.279	0.102	4990.9	2011-08-24
H2-WA-0000_H1-BL-090	H2-WA-0000	H1-BL-090	0.148	4.00	0.016	8.083	0.110	201.4	2011-08-24
H2-WA-001_H2-WA-003	H2-WA-001	H2-WA-003	2.033	1.39	-0.475	2.731	-0.234	-6637.3	2011-08-24
H2-WA-003_H2-WA-004	H2-WA-003	H2-WA-004	1.531	1.49	-0.371	0.900	-0.242	-5874.0	2011-08-24
H2-WA-004_H2-03-020	H2-WA-004	H2-03-020	0.553	1.95	-0.372	0.591	-0.673	-5852.1	2011-08-24
H2-WA-005A_H2-03-020	H2-WA-005A	H2-03-020	1.270	3.10	0.403	0.362	0.317	5241.6	2011-08-24
H2-WA-007_H2-WA-005A	H2-WA-007	H2-WA-005A	1.393	3.49	0.354	0.362	0.254	4531.1	2011-08-24
H2-WA-009_H2-WA-007	H2-WA-009	H2-WA-007	1.840	4.52	0.246	0.334	0.134	3176.1	2011-08-24
H2-WA-010_H2-WA-009	H2-WA-010	H2-WA-009	0.120	4.88	0.040	0.994	0.329	497.6	2011-08-24
H2-WA-011_H2-WA-010	H2-WA-011	H2-WA-010	0.065	5.02	0.027	0.926	0.420	346.5	2011-08-24
H2-WA-012_H2-WA-011	H2-WA-012	H2-WA-011	0.069	5.19	0.027	0.820	0.387	328.9	2011-08-24
H2-WA-013_H2-WA-0000	H2-WA-013	H2-WA-0000	0.190	5.24	0.016	3.102	0.086	201.4	2011-08-24
H2-WW.1	H2-WW	H2-OF	0.000	0.26	1.290	1.163		21394.5	2011-08-24
H3-02-001_H3-HU-001	H3-02-001	H3-HU-001	0.000	3.62	0.018	0.637		220.4	2011-08-24
H3-03-002_H3-RI-006	H3-03-002	H3-RI-006	4.671	0.49	1.495	2.061	0.320	40117.1	2011-08-24
H3-03-004_H3-03-002	H3-03-004	H3-03-002	0.563	0.77	1.429	1.555	2.539	39292.6	2011-08-24
H3-03-006_H3-CO-004	H3-03-006	H3-CO-004	3.020	1.00	1.086	1.872	0.360	34747.0	2011-08-24
H3-03-007_H1-03-003A	H3-03-007	H1-03-003A	1.114	1.25	1.027	2.647	0.922	32483.6	2011-08-24
H3-03-009_H3-03-007	H3-03-009	H3-03-007	1.161	1.31	1.024	2.090	0.882	32427.6	2011-08-24
H3-03-010_H3-03-009	H3-03-010	H3-03-009	0.479	1.36	1.024	3.372	2.139	32444.0	2011-08-24
H3-03-015_H3-03-010	H3-03-015	H3-03-010	1.424	1.44	1.314	2.171	0.922	30875.3	2011-08-24
H3-03-015_H3-PA-025	H3-03-015	H3-PA-025	1.958	1.44	-0.224	4.235	-0.114	-3249.8	2011-08-24
H3-03-020.1	H3-03-020	H3	5.554	0.13	-0.151	0.975	-0.027	-51.7	2011-08-24
H3-03-022_H3-03-022A	H3-03-022	H3-03-022A	4.477	1.41	0.838	4.729	0.187	15859.7	2011-08-24
H3-03-022A_H3-03-015	H3-03-022A	H3-03-015	0.855	1.43	0.999	2.635	1.169	20972.3	2011-08-24
H3-03-022A_H3-WI-038AB	H3-03-022A	H3-WI-038AB	1.237	1.42	0.289	4.129	0.234	6227.0	2011-08-24
H3-03-040.1	H3-03-040	H3-03-020	1.945	0.13	-0.164	0.675	-0.085	-31.9	2011-08-24
H3-03-050.1	H3-03-050	H3-03-040	1.204	0.13	-0.013	0.769	-0.010	-2.4	2011-08-24
H3-05-090_H3-WI-022	H3-WI-015	H3-WI-022	0.881	1.47	0.336	3.741	0.382	8416.9	2011-08-24
H3-05-100_H3-05-090	H3-05-100	H3-05-090	0.367	1.48	0.208	2.405	0.567	4033.6	2011-08-24
H3-05-100_H3-CL-013	H3-05-100	H3-CL-013	0.487	1.43	0.154	9.264	0.317	-726.9	2011-08-24
H3-CL-001_H3-CL-003	H3-CL-001	H3-CL-003	0.644	1.47	0.098	5.324	0.152	719.1	2011-08-24
H3-CL-003_H3-CL-004	H3-CL-003	H3-CL-004	0.698	1.48	0.103	4.351	0.148	784.0	2011-08-24
H3-CL-004_H3-CL-007	H3-CL-004	H3-CL-007	1.118	1.48	0.103	2.626	0.092	782.1	2011-08-24

H3-CL-007_H3-CL-011	H3-CL-007	H3-CL-011	0.186	1.48	0.185	2.638	0.996	2759.3	2011-08-24
H3-CL-011_H3-05-100	H3-CL-011	H3-05-100	0.990	1.48	0.186	2.360	0.188	2755.8	2011-08-24
H3-CL-013_H3-CL-015A	H3-CL-013	H3-CL-015A	0.437	1.40	0.154	3.081	0.353	-609.4	2011-08-24
H3-CL-015A_H1-CL-036	H3-CL-015A	H1-CL-036	0.963	1.39	0.166	3.630	0.172	-462.9	2011-08-24
H3-CO-001_H3-CO-004	H3-CO-001	H3-CO-004	0.026	7.12	0.055	10.428	2.155	734.7	2011-08-24
H3-CO-004_H3-03-004	H3-CO-004	H3-03-004	2.595	0.93	1.190	2.038	0.458	36330.9	2011-08-24
H3-CO-006_H3-CO-004	H3-CO-006	H3-CO-004	0.060	5.55	0.055	0.751	0.916	734.7	2011-08-24
H3-GA-001_H1-01-021	H3-GA-001	H1-01-021	1.380	1.31	0.556	2.506	0.403	12063.3	2011-08-24
H3-GA-001_H3-GA-004	H3-GA-001	H3-GA-004	1.262	1.37	-0.556	2.680	-0.441	-11827.8	2011-08-24
H3-GA-004_H3-03-010	H3-GA-004	H3-03-010	1.454	1.43	-0.524	3.471	-0.361	-10628.1	2011-08-24
H3-GA-013C_H3-03-010	H3-GA-013C	H3-03-010	1.049	1.68	0.913	3.473	0.871	10504.6	2011-08-24
H3-GA-014_H3-GA-013C	H3-GA-014	H3-GA-013C	0.433	1.85	0.779	3.538	1.798	9003.8	2011-08-24
H3-GA-015A_H3-GA-014	H3-GA-015A	H3-GA-014	1.311	2.06	0.745	3.581	0.568	8635.1	2011-08-24
H3-GA-018A_H3-GA-015A	H3-GA-018A	H3-GA-015A	0.552	2.23	0.662	4.273	1.199	7706.5	2011-08-24
H3-GA-023_H3-GA-018A	H3-GA-023	H3-GA-018A	1.391	2.36	0.577	3.411	0.415	6828.3	2011-08-24
H3-GA-028_H3-GA-023	H3-GA-028	H3-GA-023	1.165	2.43	0.433	2.849	0.372	5109.0	2011-08-24
H3-GA-033_H3-GA-028	H3-GA-033	H3-GA-028	1.428	2.47	0.340	2.381	0.238	3330.7	2011-08-24
H3-GA-037_H3-GA-033	H3-GA-037	H3-GA-033	0.810	2.48	0.183	1.588	0.226	1381.5	2011-08-24
H3-HU-001_H3-03-004	H3-HU-001	H3-03-004	0.179	3.50	0.027	6.515	0.152	336.4	2011-08-24
H3-HU-004_H3-03-004	H3-HU-004	H3-03-004	0.000	0.95	0.028	6.819		359.4	2011-08-24
H3-INT-001_H3-INT-002	H3-INT-001	H3-INT-002	0.000	0.38	-0.115	2.868		-1534.3	2011-08-24
H3-INT-002_H3 REGULATOR	H3-INT-002	H3-INT-003A	9.018	0.38	-0.115	3.412	-0.013	-1545.9	2011-08-24
H3-INT-003_H3-INT-004	H3-INT-003	H3-INT-004	6.260	-0.30	0.332	2.032	0.053	13534.6	2011-08-24
H3-INT-003A_H3 REGULATOR	H3-INT-003A	H3	5.802	0.17	1.477	3.185	0.255	39921.0	2011-08-24
H3-INT-004_H3-INT-005	H3-INT-004	H3-INT-005	5.518	-0.30	0.313	1.926	0.057	13531.2	2011-08-24
H3-INT-005_H3-INT-006	H3-INT-005	H3-INT-006	1.980	-0.30	0.278	2.026	0.141	13519.9	2011-08-24
H3-INT-006_H3-INT-007	H3-INT-006	H3-INT-007	2.683	-0.31	0.270	2.068	0.101	13503.2	2011-08-24
H3-PA-001_H3-PA-004	H3-PA-001	H3-PA-004	0.359	1.74	0.103	2.453	0.286	1197.5	2011-08-24
H3-PA-004_H3-PA-009	H3-PA-004	H3-PA-009	0.760	1.73	0.259	2.960	0.341	3134.7	2011-08-24
H3-PA-009_H3-PA-012	H3-PA-009	H3-PA-012	0.869	1.66	0.366	2.723	0.422	4261.6	2011-08-24
H3-PA-012_H3-03-015	H3-PA-012	H3-03-015	0.549	1.57	0.480	2.732	0.874	5518.2	2011-08-24
H3-PA-025_H1-PA-024	H3-PA-025	H1-PA-024	1.031	1.44	-0.221	3.183	-0.214	-3035.1	2011-08-24
H3-RI-001_H3-RI-002	H3-RI-001	H3-RI-002	0.072	0.51	0.022	1.734	0.306	364.4	2011-08-24
H3-RI-002_H3-RI-003	H3-RI-002	H3-RI-003	0.051	0.48	0.022	1.936	0.433	364.2	2011-08-24
H3-RI-003_H3-RI-006	H3-RI-003	H3-RI-006	0.257	0.47	0.024	3.497	0.093	444.9	2011-08-24
H3-WI-002_H3-WI-005	H3-WI-002	H3-WI-005	1.684	1.49	0.096	2.856	0.057	1053.6	2011-08-24
H3-WI-005_H3-WI-010	H3-WI-005	H3-WI-010	0.697	1.49	0.101	3.800	0.145	1045.6	2011-08-24
H3-WI-010_H3-05-090	H3-WI-010	H3-05-090	0.642	1.49	0.242	2.887	0.377	2834.4	2011-08-24
H3-WI-022_H3-03-022A	H3-WI-022	H3-03-022A	1.612	1.45	0.433	3.623	0.269	9935.9	2011-08-24
H3-WI-038AB_H1-02-038A	H3-WI-038AB	H1-02-038A	0.493	1.39	0.326	3.573	0.662	6652.1	2011-08-24
H3-WW.1	H3-IC	H3-INT-003	4.965	-0.29	0.306	2.570	0.062	13538.3	2011-08-24
H3-WW_OF-H4-TG2	H3-WW	OF-H4-TG2	3.876	0.11	1.238	0.849	0.320	26266.9	2011-08-24
H4 REGULATOR_HWF-INT-012	H3-INT-007	HWF-INT-012	1.625	-0.32	0.445	2.107	0.274	22869.9	2011-08-24
H4-04-002_H4-04-003	H4-04-002	H4-04-003	9.290	1.48	0.043	2.808	0.005	291.6	2011-08-24
H4-04-003_H4-04-010	H4-04-003	H4-04-010	11.296	0.34	2.832	0.768	0.251	49873.7	2011-08-24
H4-04-004_H4-04-003	H4-04-004	H4-04-003	11.071	0.47	2.818	0.570	0.255	49339.4	2011-08-24

H4-04-005_H4-04-004	H4-04-005	H4-04-004	4.256	0.65	2.664	0.657	0.626	47316.4	2011-08-31
H4-04-006_H4-04-005	H4-04-006	H4-04-005	17.025	0.75	2.728	1.072	0.160	45287.3	2011-08-31
H4-04-007_H4-04-006	H4-04-007	H4-04-006	8.515	0.79	2.566	0.756	0.301	45261.0	2011-08-31
H4-04-008_H4-04-007	H4-04-008	H4-04-007	3.214	0.95	2.558	1.013	0.796	45128.2	2011-08-31
H4-04-010_H4	H4-04-010	H4	8.466	0.22	2.895	0.714	0.342	50387.0	2011-08-31
H4-07-080_H4-GA-005	H4-07-080	H4-GA-005	6.710	1.27	2.365	1.150	0.352	43833.3	2011-08-31
H4-07-090_H4-07-080	H4-07-090	H4-07-080	5.935	1.32	2.351	1.256	0.396	43748.0	2011-08-31
H4-07-090_H4-07-090A	H4-07-090A	H4-07-090	7.063	1.37	1.804	1.711	0.255	37844.4	2011-08-31
H4-07-100_H4-07-090A	H4-07-100	H4-07-090A	1.016	1.41	0.558	5.170	0.549	6794.6	2011-08-31
H4-07-140_H4-CL-027	H4-07-140	H4-CL-027	5.704	1.42	1.512	1.380	0.265	28395.8	2011-08-31
H4-07-150_H4-07-150A	H4-07-150	H4-07-150A	8.496	1.44	1.302	1.429	0.153	23705.3	2011-08-31
H4-07-150A_H4-07-140	H4-07-150A	H4-07-140	1.367	1.43	1.429	1.390	1.045	24989.6	2011-08-31
H4-07-160_H4-07-150	H4-07-160	H4-07-150	3.764	1.44	1.257	1.431	0.334	21966.5	2011-08-31
H4-07-170_H4-07-160	H4-07-170	H4-07-160	1.661	1.44	1.184	2.047	0.713	19094.1	2011-08-31
H4-07-180_H4-07-170	H4-07-180	H4-07-170	1.873	1.44	0.981	2.057	0.524	13011.5	2011-08-31
H4-07-190_H4-MA-015	H4-07-190	H4-MA-015	1.828	1.43	0.678	1.562	0.371	9260.8	2011-08-31
H4-07-200_H4-07-190	H4-07-200	H4-07-190	1.367	1.43	0.415	1.494	0.303	7344.8	2011-08-31
H4-AD-002_H4-AD-011	H4-AD-010	H4-AD-011	0.704	1.46	0.118	2.429	0.168	1181.0	2011-08-31
H4-AD-011_H4-07-160	H4-AD-011	H4-07-160	0.393	1.46	0.219	3.367	0.558	2473.6	2011-08-31
H4-CL-001_H4-CL-004	H4-CL-001	H4-CL-004	0.347	1.66	0.095	3.455	0.275	1061.4	2011-08-31
H4-CL-004_H4-CL-009	H4-CL-004	H4-CL-009	0.287	1.64	0.095	2.123	0.332	1042.0	2011-08-31
H4-CL-009_H4-CL-013	H4-CL-009	H4-CL-013	0.634	1.61	0.206	2.279	0.325	2190.2	2011-08-31
H4-CL-013_H4-CL-016	H4-CL-013	H4-CL-016	0.391	1.54	0.245	2.979	0.626	2589.3	2011-08-31
H4-CL-016_H4-CL-017	H4-CL-016	H4-CL-017	0.981	1.49	0.290	2.929	0.295	3058.1	2011-08-31
H4-CL-017_H4-07-140	H4-CL-017	H4-07-140	0.761	1.45	0.289	3.961	0.380	3014.4	2011-08-31
H4-CL-018_H4-CL-022	H4-CL-020	H4-CL-022	0.091	1.58	0.128	4.252	1.407	1204.9	2011-08-31
H4-CL-022_H4-CL-027	H4-CL-022	H4-CL-027	0.123	1.50	0.173	2.950	1.409	2302.0	2011-08-31
H4-CL-027_H4-07-090A	H4-CL-027	H4-07-090A	8.501	1.41	1.670	1.725	0.196	31219.7	2011-08-31
H4-GA-002_H4-04-008	H4-GA-002	H4-04-008	5.860	1.05	2.542	1.207	0.434	45079.2	2011-08-31
H4-GA-004_H4-GA-002	H4-GA-004	H4-GA-002	3.978	1.14	2.482	1.323	0.624	44622.3	2011-08-31
H4-GA-005_H4-GA-004	H4-GA-005	H4-GA-004	7.585	1.23	2.418	1.336	0.319	44234.2	2011-08-31
H4-GR-009_H4-07-150A	H4-GR-008	H4-07-150A	1.125	1.44	0.131	1.997	0.116	1074.4	2011-08-31
H4-GR-010_H4-07-150	H4-GR-010	H4-07-150	0.457	1.45	0.177	3.112	0.387	1682.9	2011-08-31
H4-GR-011_H4-GR-010	H4-GR-011	H4-GR-010	0.481	1.46	0.159	3.270	0.332	1168.9	2011-08-31
H4-GR-012_H4-GR-011	H4-GR-012	H4-GR-011	0.325	1.46	0.083	4.407	0.255	121.2	2011-08-31
H4-HA-001_H4-07-200	H4-HA-001	H4-07-200	0.641	1.44	0.097	3.765	0.152	1160.3	2011-08-31
H4-HA-003_H4-HA-001	H4-HA-003	H4-HA-001	0.287	1.44	0.093	3.309	0.324	1006.7	2011-08-31
H4-HA-004_H4-HA-003	H4-HA-004	H4-HA-003	0.346	1.44	-0.006	5.117	-0.018	178.5	2011-08-31
H4-HA-007_H4-HA-004	H4-HA-007	H4-HA-004	0.057	1.44	-0.005	5.093	-0.090	111.2	2011-08-31
H4-HU-001_H4-04-004	H4-HU-001	H4-04-004	14.891	5.89	0.128	1.655	0.009	1352.6	2011-08-31
H4-HU-002_H4-HU-001	H4-HU-002	H4-HU-001	0.000	6.36	0.088	1.082		919.2	2011-08-31
H4-JA-002_H1-JA-046	MH-T5-5STB	H1-JA-046	4.494	1.21	-0.230	3.496	-0.051	487.4	2011-08-31
H4-JA-002_H4-JA-003	H4-JA-002	H4-JA-003	0.100	1.23	0.072	7.848	0.717	-228.0	2011-08-31
H4-JA-003_H4-JA-004	H4-JA-003	H4-JA-004	0.090	1.37	0.076	10.322	0.844	71.5	2011-08-31
H4-JA-004_H4-JA-006	H4-JA-004	H4-JA-006	1.741	1.41	-0.294	3.954	-0.169	206.3	2011-08-31

H4-JA-006_H4-07-200	H4-JA-006	H4-07-200	1.361	1.43	0.223	2.576	0.164	2104.2	2011-08-2
H4-JA-009_H4-07-200	H4-JA-009	H4-07-200	0.289	1.45	0.327	3.694	1.132	3933.6	2011-08-2
H4-JA-011_H4-JA-009	H4-JA-011	H4-JA-009	0.426	1.49	0.131	4.433	0.308	1550.5	2011-08-2
H4-JE-005_H4-07-170	H4-JE-005	H4-07-170	0.711	1.48	0.332	3.455	0.467	5663.1	2011-08-2
H4-JE-007_H4-JE-005	H4-JE-007	H4-JE-005	0.297	1.53	0.214	3.607	0.721	4095.0	2011-08-2
H4-JE-007_H5-JE-742	H4-JE-007	H5-JE-742	0.343	1.55	-0.158	3.777	-0.461	-3140.4	2011-08-2
H4-MA-001_H4-MA-006	H4-MA-001	H4-MA-006	0.374	1.41	0.341	5.063	0.912	2065.5	2011-08-2
H4-MA-006_H4-07-180	H4-MA-006	H4-07-180	0.375	1.43	0.365	4.276	0.973	3657.1	2011-08-2
H4-MA-008_H4-MA-015	H4-MA-008	H4-MA-015	1.755	1.43	-0.043	4.977	-0.025	-126.1	2011-08-2
H4-MA-015_H4-07-180	H4-MA-015	H4-07-180	6.278	1.43	0.687	2.153	0.109	9362.7	2011-08-2
H4-MO-001_H4-07-190	H4-MO-001	H4-07-190	3.493	1.42	-0.201	3.253	-0.057	1755.2	2011-08-2
H4-MO-002A_H4-MO-001	H4-MO-002A	H4-MO-001	0.681	1.42	0.218	4.222	0.321	1517.4	2011-08-2
H4-MO-004_H4-MO-002A	H4-MO-004	H4-MO-002A	0.521	1.41	0.142	4.951	0.272	779.6	2011-08-2
H4-PA-005_H4-07-090	H4-PA-004	H4-07-090	1.442	1.47	0.571	2.615	0.396	5511.0	2011-08-2
H4-PA-005_H4-WI-013	H4-PA-005	H4-WI-013	0.925	1.53	0.115	2.425	0.124	489.8	2011-08-2
H4-PA-008_H4-PA-005	H4-PA-008	H4-PA-005	0.129	1.55	0.405	1.555	3.138	4415.6	2011-08-2
H4-PA-011_H4-PA-008	H4-PA-011	H4-PA-008	3.193	1.55	0.289	1.556	0.091	2894.8	2011-08-2
H4-PA-012_H4-PA-011	H4-PA-012	H4-PA-011	0.805	1.56	0.168	2.265	0.208	1840.9	2011-08-2
H4-PA-016_H4-PA-012	H4-PA-016	H4-PA-012	1.896	2.14	0.120	1.325	0.063	1240.6	2011-08-2
H4-WI-001_H4-WI-004	H4-WI-001	H4-WI-004	0.401	1.61	0.096	2.568	0.239	1089.7	2011-08-2
H4-WI-004_H4-WI-005	H4-WI-004	H4-WI-005	1.077	1.60	0.096	1.652	0.089	1088.7	2011-08-2
H4-WI-005_H4-WI-009	H4-WI-005	H4-WI-009	1.047	1.60	0.238	2.052	0.227	2661.6	2011-08-2
H4-WI-009_H4-WI-013	H4-WI-009	H4-WI-013	1.057	1.57	0.380	2.425	0.359	4238.9	2011-08-2
H4-WI-013_H4-07-100	H4-WI-013	H4-07-100	2.223	1.52	0.507	4.265	0.228	6294.2	2011-08-2
H4-WW.2	H4-WW	OF-H4-TG2	0.000	0.12	2.741	0.680		40977.1	2011-08-2
H5_GC to H5_OF Original	H5_Inflow_Dummy	H5_Outflow_Dummy	0.000	-0.29	2.078	0.847		51857.9	2011-08-2
H5_GC.3	H5-SF	H5_GC	14.198	-0.25	2.080	0.161	0.147	51994.2	2011-08-2
H5_TideGate.1	H5_OF	Outfall6	0.000	-0.57	2.077	0.335		51727.5	2011-08-2
H5_WW.3	H5-WW	H5-SF	0.000	0.09	2.081	0.509		52003.9	2011-08-2
H5-09-444_H5-WA-440	H5-09-444	H5-WA-440	0.264	5.09	0.016	2.121	0.059	173.2	2011-08-2
H5-09-804_H4-MO-004	H5-09-804	H4-MO-004	0.020	1.48	0.014	9.457	0.733	275.9	2011-08-2
H5-10-446_H5-WA-400	H5-10-446	H5-WA-400	0.194	2.72	0.016	4.735	0.081	172.7	2011-08-2
H5-11-010_H5-11-009	H5-11-010	H5-INT-008A	1.098	0.96	1.123	2.290	1.023	35957.2	2011-08-2
H5-11-010_H5-WA-350	H5-11-010	H5-WA-350	2.626	2.35	-0.595	3.663	-0.227	-20633.1	2011-08-2
H5-11-015_H5-11-010	H5-11-015	H5-11-010	1.609	3.18	1.348	2.356	0.838	16673.0	2011-08-2
H5-11-020.1	H5-INT-008A	H5	5.173	0.44	1.123	1.081	0.217	36005.4	2011-08-2
H5-11-316_H5-WA-350	H5-11-316	H5-WA-350	1.781	2.35	0.331	1.637	0.186	3354.6	2011-08-2
H5-11-318_H5-11-316	H5-11-318	H5-11-316	0.497	2.37	0.309	2.538	0.621	3137.9	2011-08-2
H5-11-510_H5-11-009	H5-11-510	H5-11-009	17.063	1.53	0.847	1.407	0.050	24478.8	2011-08-2
H5-11-520_H5-11-510	H5-11-520	H5-11-510	3.626	1.54	0.837	1.409	0.231	24184.6	2011-08-2
H5-11-530_H5-11-520	H5-11-530	H5-11-520	0.000	1.54	0.837	1.372		24268.0	2011-08-2
H5-11-560_H5-11-530	H5-11-560	H5-11-530	10.436	1.54	0.770	1.374	0.074	21363.9	2011-08-2
H5-11-580_H5-11-560	H5-11-580	H5-11-560	6.543	1.54	0.733	1.085	0.112	19603.4	2011-08-2
H5-11-580_H6-PA-582	H5-11-580	H6-PA-582	0.437	1.68	-0.108	9.129	-0.246	-9246.0	2011-08-2
H5-11-620_H5-11-580	H5-11-620	H5-11-580	6.860	1.54	0.600	1.301	0.087	9549.7	2011-08-2
H5-11-620_H5-WI-624	H5-11-620	H5-WI-624	0.963	1.63	-0.295	5.616	-0.306	-3375.2	2011-08-2

H5-11-630_H5-11-620	H5-11-630	H5-11-620	10.118	1.54	0.520	1.006	0.051	6260.4	2011-08-24
H5-11-640_H5-11-630	H5-11-640	H5-11-630	4.380	1.54	0.503	1.273	0.115	5597.0	2011-08-24
H5-11-640A_H7-SIP-006	H5-11-640A	H7-SIP-006	0.914	0.49	0.613	0.919	0.671	37044.4	2011-08-24
H5-11-650_H5-11-640	H5-11-650	H5-11-640	0.000	1.54	0.779	0.936		9239.5	2011-08-24
H5-11-670_H5-11-650	H5-11-670	H5-11-650	1.632	1.54	0.731	1.308	0.448	7179.0	2011-08-24
H5-11-670_H5-GR-678	H5-11-670	H5-GR-678	0.429	1.54	-0.116	3.921	-0.270	-1123.0	2011-08-24
H5-11-691_H5-11-670	H5-11-691	H5-11-670	2.929	1.53	0.701	1.813	0.239	4716.0	2011-08-24
H5-11-710_H5-11-691	H5-11-710	H5-11-691	3.752	1.51	0.784	1.335	0.209	5407.1	2011-08-24
H5-11-720_H5-11-710	H5-11-720	H5-11-710	3.751	1.51	0.781	1.315	0.208	5297.1	2011-08-24
H5-11-730_H5-11-720	H5-11-730	H5-11-720	3.001	1.50	0.719	1.286	0.240	4639.0	2011-08-24
H5-11-730_H5-JE-734	H5-11-730	H5-JE-734	0.733	1.49	0.182	3.647	0.248	1351.8	2011-08-24
H5-11-750_H5-11-730	H5-11-750	H5-11-730	3.609	1.48	-0.680	2.345	-0.188	4562.1	2011-08-24
H5-11-780_H5-11-750	H5-11-780	H5-11-750	1.090	1.47	0.211	1.755	0.194	3991.6	2011-08-24
H5-11-780_H5-MO-794	H5-11-780	H5-MO-794	0.737	1.47	-0.181	3.908	-0.246	-2282.2	2011-08-24
H5-11-788_H5-11-780	H5-11-788	H5-11-780	0.787	1.48	0.065	3.462	0.082	883.2	2011-08-24
H5-12-013_H5-HU-012	H5-12-013	H5-HU-012	7.570	1.74	0.057	1.945	0.008	1327.7	2011-08-24
H5-12-594_H5-12-599	H5-12-594	H5-12-599	0.069	2.47	0.068	4.096	0.990	763.7	2011-08-24
H5-12-599_H5-12-602	H5-12-599	H5-12-602	0.433	2.38	0.068	2.053	0.157	763.5	2011-08-24
H5-12-608_H5-12-602	H5-12-608	H5-12-602	0.093	2.26	-0.170	4.698	-1.821	-1912.1	2011-08-24
H5-12-786_H5-MO-784	H5-12-786	H5-MO-784	0.590	1.47	0.001	2.856	0.002	46.4	2011-08-24
H5-AD-698_H5-11-691	H5-AD-698	H5-11-691	0.293	1.52	-0.092	3.352	-0.314	-1039.6	2011-08-24
H5-AD-712_H5-11-710	H5-AD-712	H5-11-710	0.071	1.51	0.011	6.588	0.150	117.7	2011-08-24
H5-AD-717_H5-11-720	H5-AD-714	H5-11-720	0.051	1.50	0.077	6.444	1.521	679.3	2011-08-24
H5-AT-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.82	0.204	2.909	0.097	2511.3	2011-08-24
H5-BL-334_H5-11-318	H5-BL-334	H5-11-318	0.379	2.39	0.191	2.541	0.503	1893.4	2011-08-24
H5-BL-346_H5-BL-334	H5-BL-346	H5-BL-334	0.533	2.39	0.070	2.486	0.132	698.1	2011-08-24
H5-BL-354_H5-BL-346	H5-BL-354	H5-BL-346	0.136	2.81	0.043	3.540	0.318	459.8	2011-08-24
H5-CL-648_H5-11-640	H5-CL-648	H5-11-640	0.306	1.52	-0.277	3.703	-0.905	-3578.5	2011-08-24
H5-CL-662_H5-11-650	H5-CL-662	H5-11-650	0.427	1.64	0.147	3.274	0.345	1651.1	2011-08-24
H5-CP-071_H5-HU-151	H5-CP-071	H5-HU-151	1.016	7.71	0.510	4.949	0.502	5998.6	2011-08-24
H5-CP-097_H5-CP-071	H5-CP-097	H5-CP-071	1.167	8.13	0.510	2.571	0.437	6001.6	2011-08-24
H5-CP-104_H5-CP-097	H5-CP-104	H5-CP-097	0.245	14.41	0.136	4.048	0.558	1835.8	2011-08-24
H5-CP-112_H5-CP-104	H5-CP-112	H5-CP-104	0.030	14.72	0.037	1.101	1.215	691.1	2011-08-24
H5-CP-112_H5-ST-254	H5-CP-112	H5-ST-254	1.952	14.55	0.315	0.590	0.161	4081.0	2011-08-24
H5-Disharge1	H5_Outflow	H5_Outflow_Dummy	0.000	-0.30	-0.001	1.322		0.0	2011-08-24
H5-GA-001A_H6-GA-562	H6-GA-001A	H5-GA-562	0.097	2.43	0.097	1.158	0.999	492.8	2011-08-24
H5-GA-562_H5-11-560	H5-GA-562	H5-11-560	0.899	1.89	0.203	6.075	0.226	1683.0	2011-08-24
H5-GR-674_H5-11-670	H5-GR-674	H5-11-670	0.674	1.54	0.051	3.203	0.076	138.1	2011-08-24
H5-GR-682_H5-GR-678	H5-GR-682	H5-GR-678	1.236	1.56	0.116	3.927	0.094	1147.3	2011-08-24
H5-GR-684_H5-GR-682	H5-GR-684	H5-GR-682	2.268	1.56	0.078	1.953	0.035	767.4	2011-08-24
H5-GR-688_H5-GR-682	H5-GR-688	H5-GR-682	2.219	1.56	0.005	4.225	0.002	46.7	2011-08-24
H5-HU-007_H5-HU-012	H5-HU-007	H5-HU-012	0.369	1.76	0.123	1.945	0.333	628.3	2011-08-24
H5-HU-007_H6-HU-001	H5-HU-007	H6-HU-001	1.277	1.76	-0.082	1.993	-0.064	418.0	2011-08-24
H5-HU-010_H5-11-009	H5-HU-010	H5-11-009	0.293	1.55	0.316	3.146	1.079	3756.1	2011-08-24
H5-HU-012_H5-HU-010	H5-HU-012	H5-HU-010	0.638	1.71	0.297	2.300	0.465	3550.6	2011-08-24
H5-HU-015_H5-12-013	H5-HU-015	H5-12-013	0.110	2.31	0.058	0.513	0.523	1328.0	2011-08-24

H5-HU-017_H5-HU-015	H5-HU-017	H5-HU-015	0.088	2.88	0.049	0.985	0.549	548.4	2011-08-24
H5-HU-020_H5-11-015	H5-HU-020	H5-11-015	1.181	4.98	1.288	3.694	1.090	15722.0	2011-08-24
H5-HU-040_H5-HU-020	H5-HU-040	H5-HU-020	1.536	6.59	1.284	4.779	0.836	14888.4	2011-08-24
H5-HU-150A_H5-HU-151	H5-HU-150A	H5-HU-151	1.594	7.18	0.801	3.960	0.503	8420.6	2011-08-24
H5-HU-151_H5-HU-040	H5-HU-151	H5-HU-040	2.415	6.99	1.233	4.814	0.511	14414.7	2011-08-24
H5-HU-200A_H5-HU-150A	H5-HU-200A	H5-HU-150A	1.540	7.37	0.787	3.786	0.511	7949.2	2011-08-24
H5-HU-250_H5-HU-200A	H5-HU-250	H5-HU-200A	1.342	7.49	0.518	2.954	0.386	6157.7	2011-08-24
H5-HU-272_H5-HU-250	H5-HU-272	H5-HU-250	1.408	7.51	0.023	2.331	0.016	217.4	2011-08-24
H5-HW-542_H5-11-530	H5-HW-542	H5-11-530	0.161	2.24	0.218	1.399	1.356	2416.9	2011-08-24
H5-IC.1	H5-IC	11PS	2.666	0.40	0.201	2.982	0.076	14567.9	2011-08-24
H5-INT-001_H5-11-640A	H5-INT-001	H5-11-640A	1.345	0.56	0.613	0.929	0.456	37688.9	2011-08-24
H5-INT-002_H5-INT-001	H5-INT-002	H5-INT-001	2.021	0.61	0.440	1.523	0.218	23514.4	2011-08-24
H5-INT-003_H5-INT-002	H5-INT-003	H5-INT-002	0.000	0.64	0.440	1.082		23537.2	2011-08-24
H5-INT-004_H5-INT-003	H5-INT-004	H5-INT-003	1.551	5.86	0.440	0.364	0.284	23551.3	2011-08-24
H5-INT-004A_H5-INT-004	H5-INT-004A	H5-INT-004	0.982	6.44	0.440	0.617	0.448	23600.8	2011-08-24
H5-INT-004B_H5-INT-004A	H5-INT-004B	H5-INT-004A	1.220	7.12	0.440	0.570	0.361	23662.5	2011-08-24
H5-INT-005_H5-INT-004B	H5-INT-005	H5-INT-004B	0.487	7.46	0.440	0.661	0.904	23716.2	2011-08-24
H5-INT-006_H5-INT-005	H5-INT-006	H5-INT-005	0.000	7.50	0.440	0.701		23783.2	2011-08-24
H5-INT-007_H5-INT-006	H5-INT-007	H5-INT-006	0.740	7.59	0.440	0.736	0.595	23807.3	2011-08-24
H5-INT-007A_H5-INT-007	H5-INT-007A	H5-INT-007	1.246	8.11	0.440	0.711	0.353	23839.8	2011-08-24
H5-INT-008_11th St PS	H5-11-020	H5-INT-001	0.519	0.61	0.173	1.034	0.334	14520.5	2011-08-24
H5-INT-009_H5-INT-008	H5-INT-009	H5-INT-008	0.245	0.42	0.162	3.043	0.664	2991.2	2011-08-24
H5-INT-010_H5-INT-009	H5-INT-010	H5-INT-009	0.806	0.43	0.150	3.118	0.186	2921.7	2011-08-24
H5-JE-734_H5-JE-736A	H5-JE-734	H5-JE-736A	0.814	1.45	0.184	5.497	0.226	1465.0	2011-08-24
H5-JE-736A_H7-JE-007	H5-JE-736A	H7-JE-007	0.922	1.38	0.194	4.344	0.210	1837.9	2011-08-24
H5-JE-742_H5-11-730	H5-JE-742	H5-11-730	0.298	1.55	0.197	5.108	0.662	862.3	2011-08-24
H5-JK-798_H5-09-804	H5-JK-798	H5-09-804	0.071	1.59	0.040	5.827	0.573	354.7	2011-08-24
H5-JK-798_H5-MO-794	H5-JK-798	H5-MO-794	0.077	1.60	0.031	7.816	0.407	460.6	2011-08-24
H5-MA-754_H5-11-750	H5-MA-754	H5-11-750	0.141	1.45	-0.264	4.648	-1.871	-1012.7	2011-08-24
H5-MA-756_H5-MA-754	H5-MA-756	H5-MA-754	0.756	1.39	-0.266	5.576	-0.351	-1118.5	2011-08-24
H5-MA-756A_H5-MA-756	H5-MA-756A	H5-MA-756	0.065	1.35	-0.047	7.355	-0.717	-592.8	2011-08-24
H5-MA-762_H5-11-750	H5-MA-762	H5-11-750	1.124	1.46	-0.315	3.989	-0.280	678.5	2011-08-24
H5-MA-762_H5-MA-768	H5-MA-764	H5-MA-768	0.098	1.33	0.040	8.148	0.408	56.3	2011-08-24
H5-MA-768_H4-MA-001	H5-MA-768	H4-MA-001	1.262	1.34	0.223	6.015	0.176	900.2	2011-08-24
H5-MO-784_H5-11-780	H5-MO-784	H5-11-780	1.034	1.47	-0.030	2.770	-0.029	276.1	2011-08-24
H5-MO-794_H4-MO-004	H5-MO-794	H4-MO-004	0.307	1.45	0.111	5.053	0.362	490.3	2011-08-24
H5-SF.3	H5-INT-008	H5-IC	2.555	0.40	0.162	2.964	0.063	2954.6	2011-08-24
H5-SH-052_H5-HU-040	H5-SH-052	H5-HU-040	0.060	7.04	0.036	14.443	0.591	308.5	2011-08-24
H5-ST-078_H5-CP-097	H5-ST-078	H5-CP-097	0.076	10.88	0.311	9.308	4.076	3249.7	2011-08-24
H5-ST-084_H5-ST-078	H5-ST-084	H5-ST-078	0.185	16.91	0.197	15.471	1.068	1969.6	2011-08-24
H5-ST-096_H5-ST-084	H5-ST-096	H5-ST-084	0.125	22.16	0.091	20.572	0.723	926.6	2011-08-24
H5-ST-114_H5-CP-112	H5-ST-114	H5-CP-112	0.104	22.51	0.122	11.760	1.168	1517.2	2011-08-24
H5-ST-116_H5-ST-114	H5-ST-116	H5-ST-114	0.118	25.57	0.082	17.992	0.699	1020.2	2011-08-24
H5-ST-124_H5-CP-112	H5-ST-124	H5-CP-112	0.085	19.66	0.122	11.399	1.442	2214.4	2011-08-24
H5-ST-128_H5-ST-124	H5-ST-128	H5-ST-124	0.084	20.70	0.110	13.113	1.309	1888.2	2011-08-24

H5-ST-134_H5-ST-128	H5-ST-134	H5-ST-128	0.158	21.21	0.099	11.995	0.624	1408.1	2011-08-2
H5-ST-136_H5-ST-134	H5-ST-136	H5-ST-134	0.087	22.19	0.123	15.343	1.420	1408.4	2011-08-2
H5-ST-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.82	0.204	2.909	0.097	2511.3	2011-08-2
H5-ST-254_H5-ST-252	H5-ST-254	H5-ST-252	1.967	10.87	0.359	0.666	0.183	4502.4	2011-08-2
H5-WA-350_H5-WA-356	H5-WA-350	H5-WA-356	3.976	2.33	0.386	2.400	0.097	1745.8	2011-08-2
H5-WA-356_H6-WA-004	H5-WA-356	H6-WA-004	0.144	2.32	0.085	4.003	0.592	1932.9	2011-08-2
H5-WA-400_H5-WA-350	H5-WA-400	H5-WA-350	1.233	2.35	0.461	1.637	0.374	6532.6	2011-08-2
H5-WA-440_H5-WA-400	H5-WA-440	H5-WA-400	0.397	2.35	0.228	1.894	0.574	4603.8	2011-08-2
H5-WA-480_H5-WA-440	H5-WA-480	H5-WA-440	1.078	2.38	0.245	0.848	0.227	2853.7	2011-08-2
H5-WA-480A_H5-WA-480	H5-WA-480A	H5-WA-480	0.786	2.43	0.060	0.404	0.076	669.5	2011-08-2
H5-WA-490_H5-WA-480	H5-WA-490	H5-WA-480	1.124	2.40	0.093	0.404	0.082	1093.5	2011-08-2
H5-WA-490A_H5-WA-490	H5-WA-490A	H5-WA-490	0.732	2.41	0.046	0.366	0.063	506.1	2011-08-2
H5-WI-606_H5-12-602	H5-WI-606	H5-12-602	0.126	2.42	0.055	3.422	0.438	628.4	2011-08-2
H5-WI-612_H5-12-608	H5-WI-612	H5-12-608	0.008	3.46	0.029	16.556	3.794	312.8	2011-08-2
H5-WI-624_H5-12-608	H5-WI-624	H5-12-608	0.219	1.93	-0.295	4.010	-1.349	-3375.6	2011-08-2
H6 REGULATOR_H5-INT-010	H6-IC	H5-INT-010	1.895	0.44	0.150	2.844	0.079	3014.0	2011-08-2
H6-14-001_H6-14-002	H6-14-001	H6-14-002	0.146	2.04	0.128	6.286	0.878	1929.4	2011-08-2
H6-14-002_H6-14-003A	H6-14-002	H6-14-003A	0.204	1.87	0.128	5.373	0.631	1924.5	2011-08-2
H6-14-003_H6-14-006	H6-14-003	H6-14-006	0.613	1.73	0.446	2.928	0.727	6486.5	2011-08-2
H6-14-003A_H6-14-003B	H6-14-003A	H6-14-003B	0.735	1.78	0.128	5.319	0.175	1919.3	2011-08-2
H6-14-003B_H6-14-003	H6-14-003B	H6-14-003	4.700	1.75	0.128	2.893	0.027	1928.3	2011-08-2
H6-14-006_H6-14-008	H6-14-006	H6-14-008	1.659	1.65	0.541	2.660	0.326	7588.5	2011-08-2
H6-14-008_H6-14-010	H6-14-008	H6-14-010	0.742	1.53	0.783	2.594	1.055	13405.9	2011-08-2
H6-14-010A_H6-14-010	H6-14-010A	H6-14-010	0.078	1.98	0.229	8.105	2.942	3699.3	2011-08-2
H6-14-010B_H6-14-010A	H6-14-010B	H6-14-010A	0.046	3.56	0.160	12.841	3.469	2318.1	2011-08-2
H6-14-010C_H6-14-010B	H6-14-010C	H6-14-010B	0.064	4.57	0.126	14.794	1.971	1830.5	2011-08-2
H6-14-020.1	H6-14-020	H6	0.230	0.95	0.011	3.552	0.046	-5.0	2011-08-2
H6-GA-001A_H6-GA-005	H6-GA-001A	H6-GA-005	0.161	2.48	0.063	6.192	0.392	664.1	2011-08-2
H6-GA-005_H6-GA-008	H6-GA-005	H6-GA-008	0.091	2.36	0.141	4.005	1.550	2015.2	2011-08-2
H6-GA-008_H6-14-003	H6-GA-008	H6-14-003	0.159	1.81	0.162	6.143	1.017	2313.1	2011-08-2
H6-GA-009_H6-14-003	H6-GA-009	H6-14-003	4.947	1.84	0.094	1.193	0.019	1283.3	2011-08-2
H6-HU-001_H6-HU-002	H6-HU-001	H6-HU-003	0.064	1.67	0.080	4.897	1.250	1334.3	2011-08-2
H6-HU-001A_H6-HU-001	H6-HU-001A	H6-HU-001	0.087	1.87	0.037	6.019	0.428	463.8	2011-08-2
H6-HU-003_H6-14-010	H6-HU-003	H6-14-010	0.368	1.42	0.085	5.158	0.232	1698.2	2011-08-2
H6-HW-001_H6-14-006	H6-HW-001	H6-14-006	0.199	1.83	0.071	3.037	0.356	839.2	2011-08-2
H6-HW-001A_H5-HW-542	H6-HW-001A	H5-HW-542	0.207	2.35	0.024	1.644	0.114	-0.8	2011-08-2
H6-HW-001A_H6-HW-001	H6-HW-001A	H6-HW-001	0.474	2.33	0.002	0.960	0.004	1.7	2011-08-2
H6-PA-001_H6-PA-002	H6-PA-001	H6-PA-002	0.125	2.45	-0.137	5.727	-1.102	-912.6	2011-08-2
H6-PA-002_H6-PA-007	H6-PA-002	H6-PA-007	0.055	2.52	-0.052	8.369	-0.939	241.7	2011-08-2
H6-PA-007_H6-14-001	H6-PA-007	H6-14-001	0.101	2.46	0.104	6.580	1.033	1633.8	2011-08-2
H6-PA-582_H6-PA-588	H6-PA-582	H6-PA-588	0.062	2.95	-0.108	5.049	-1.752	-9249.5	2011-08-2
H6-PA-588_H6-PA-592	H6-PA-588	H6-PA-592	0.631	3.95	-0.215	6.416	-0.340	-9256.1	2011-08-2
H6-PA-592_H6-PA-001	H6-PA-592	H6-PA-001	0.068	2.25	-0.145	4.729	-2.142	-912.6	2011-08-2
H6-WA-004_H6-WA-009	H6-WA-004	H6-WA-009	0.229	2.26	0.167	5.001	0.729	3406.8	2011-08-2
H6-WA-009_H6-WA-010	H6-WA-009	H6-WA-010	0.206	2.18	0.180	5.077	0.875	4515.9	2011-08-2
H6-WA-010_H6-14-008	H6-WA-010	H6-14-008	0.214	1.97	0.181	5.321	0.844	4513.1	2011-08-2

H6WW_Outfall8	H6-WW	H7-15-012D	0.987	0.75	1.010	1.451	1.023	16825.9	2011-08-24
H7 REGULATOR_H7-INT-001	H7-IC	H7-INT-001	2.469	0.44	0.094	2.724	0.038	1218.9	2011-08-24
H7-15_Sta0+00.1	H7-15_Sta0+00	H7-15_Sta2+42.5+	0.074	0.50	-0.012	1.886	-0.167	-0.7	2011-08-24
H7-15_Sta2+42.5+.1	H7-15_Sta2+42.5+	H7-15-150	0.075	0.50	-0.029	1.953	-0.385	-2.4	2011-08-24
H7-15-001_H7-15-002	H7-15-001	H7-15-002	4.092	1.18	0.061	1.734	0.015	1208.0	2011-08-24
H7-15-001_H7-MA-008	H7-15-001	H7-MA-008	0.280	1.18	-0.055	2.607	-0.197	-1109.1	2011-08-24
H7-15-002_H7-15-003	H7-15-002	H7-15-003	5.097	1.18	0.303	1.858	0.059	5584.4	2011-08-24
H7-15-002_H7-JE-003	H7-15-002	H7-JE-003	1.585	1.18	-0.103	5.009	-0.065	-1712.9	2011-08-24
H7-15-003_H7-15-004	H7-15-003	H7-15-004	4.178	1.17	0.389	1.349	0.093	7155.2	2011-08-24
H7-15-003_H7-AD-003	H7-15-003	H7-AD-003	0.097	1.19	-0.101	4.049	-1.045	-1570.7	2011-08-24
H7-15-004_H7-15-005	H7-15-004	H7-15-005	2.549	1.17	0.618	0.904	0.242	11887.2	2011-08-24
H7-15-004_H7-GR-010	H7-15-004	H7-GR-010	0.384	1.18	-0.060	3.333	-0.156	-1588.0	2011-08-24
H7-15-005_H7-15-006	H7-15-005	H7-15-006	2.721	1.15	1.121	0.921	0.412	20652.7	2011-08-24
H7-15-005_H7-CL-010	H7-15-005	H7-CL-010	0.785	1.31	-0.320	4.447	-0.407	-5113.5	2011-08-24
H7-15-006_H7-15-007	H7-15-006	H7-15-007	1.329	1.06	1.186	1.908	0.892	21493.0	2011-08-24
H7-15-007_H7-15-008	H7-15-007	H7-15-008	1.566	0.88	1.702	1.104	1.086	28978.0	2011-08-24
H7-15-008_H7-15-009	H7-15-008	H7-15-009	0.243	0.70	1.702	0.606	7.015	28969.9	2011-08-24
H7-15-009_H7-15-012B1	H7-15-009	H7-15-012B1	4.936	0.65	1.864	0.712	0.378	31108.7	2011-08-24
H7-15-010.1	H7-15-010	H7	0.124	0.50	-0.037	3.041	-0.301	-117.2	2011-08-24
H7-15-012B_H7-15-012D	H7-15-012B	H7-15-012D	9.189	0.42	1.923	0.615	0.209	31060.9	2011-08-24
H7-15-012B1_H7-15-012B	H7-15-012B1	H7-15-012B	8.391	0.59	1.942	1.034	0.231	31585.2	2011-08-24
H7-15-100.1	H7-15-100	H7-15-010	0.056	0.50	-0.035	2.875	-0.627	-102.9	2011-08-24
H7-15-110.1	H7-15-110	H7-15-100	0.147	0.50	-0.034	2.751	-0.234	-49.5	2011-08-24
H7-15-150.1	H7-15-150	H7-15-991	0.049	0.50	-0.033	2.507	-0.672	-23.8	2011-08-24
H7-15-991.1	H7-15-991	H7-15-110	0.049	0.50	-0.034	2.538	-0.684	-39.6	2011-08-24
H7-AD-001_H7-AD-002	H7-AD-001	H7-AD-002	0.674	1.18	0.004	3.846	0.005	190.9	2011-08-24
H7-AD-002_H7-15-003	H7-AD-002	H7-15-003	0.830	1.18	-0.006	4.545	-0.007	142.6	2011-08-24
H7-AD-003_H7-AD-004	H7-AD-003	H7-AD-004	0.344	1.19	-0.100	4.646	-0.289	-1430.4	2011-08-24
H7-AD-004_H7-AD-005	H7-AD-004	H7-AD-005	0.641	1.20	-0.099	4.536	-0.155	-1467.4	2011-08-24
H7-AD-005_H7-AD-006	H7-AD-005	H7-AD-006	0.098	1.42	-0.099	6.289	-1.019	-1479.5	2011-08-24
H7-AD-006_H5-AD-698	H7-AD-006	H5-AD-698	0.191	1.51	-0.097	5.104	-0.509	-1344.5	2011-08-24
H7-CL-001_H7-CL-004	H7-CL-001	H7-CL-004	0.054	1.15	-0.058	4.642	-1.087	409.6	2011-08-24
H7-CL-004_H7-CL-006	H7-CL-004	H7-CL-006	0.651	1.19	0.134	3.474	0.206	1765.9	2011-08-24
H7-CL-006_H7-15-005	H7-CL-006	H7-15-005	0.482	1.18	0.219	4.213	0.453	3116.9	2011-08-24
H7-CL-010_H5-CL-648	H7-CL-010	H5-CL-648	0.206	1.41	-0.295	4.460	-1.435	-4340.3	2011-08-24
H7-GR-001_H7-GR-003	H7-GR-001	H7-GR-003	0.074	1.31	-0.058	8.398	-0.790	-114.7	2011-08-24
H7-GR-003_H7-GR-004	H7-GR-003	H7-GR-004	0.058	1.30	0.088	3.575	1.528	1574.1	2011-08-24
H7-GR-004_H7-GR-005	H7-GR-004	H7-GR-005	0.739	1.22	0.134	3.085	0.181	2320.5	2011-08-24
H7-GR-005_H7-GR-006	H7-GR-005	H7-GR-006	1.249	1.21	0.128	2.978	0.103	2300.6	2011-08-24
H7-GR-006_H7-15-004	H7-GR-006	H7-15-004	0.239	1.20	0.177	2.634	0.740	3088.8	2011-08-24
H7-GR-010_H7-GR-013	H7-GR-010	H7-GR-013	0.084	1.50	-0.060	8.195	-0.711	-1606.7	2011-08-24
H7-GR-013_H5-GR-674	H7-GR-013	H5-GR-674	0.559	1.54	-0.057	5.143	-0.103	-1462.3	2011-08-24
H7-INT-001_H6-INT-002	H7-INT-001	H6-IC	0.584	0.44	0.094	2.922	0.161	1183.2	2011-08-24
H7-JE-001_H7-15-002	H7-JE-001	H7-15-002	1.178	1.21	0.204	3.469	0.173	2852.8	2011-08-24
H7-JE-003_H7-JE-004	H7-JE-003	H7-JE-004	0.424	1.18	-0.101	4.384	-0.237	-1592.5	2011-08-24
H7-JE-006_H7-JE-004	H7-JE-006	H7-JE-004	0.413	1.20	0.101	4.045	0.243	1602.3	2011-08-24

H7-JE-007_H7-JE-006	H7-JE-007	H7-JE-006	0.090	1.29	0.100	9.675	1.121	1624.0	2011-08-24
H7-MA-001_H7-MA-002	H7-MA-001	H7-MA-002	0.048	1.18	-0.002	4.367	-0.033	31.1	2011-08-24
H7-MA-002_H7-MA-004	H7-MA-002	H7-MA-004	0.044	1.18	-0.004	4.431	-0.086	31.0	2011-08-24
H7-MA-003_H7-MA-004	H7-MA-003	H7-MA-004	0.044	1.18	0.002	4.431	0.038	111.3	2011-08-24
H7-MA-004_H7-MA-006	H7-MA-004	H7-MA-006	0.043	1.18	-0.006	4.952	-0.138	141.2	2011-08-24
H7-MA-006_H7-15-001	H7-MA-006	H7-15-001	0.641	1.18	-0.008	2.785	-0.012	139.4	2011-08-24
H7-MA-008_H5-MA-756A	H7-MA-008	H5-MA-756A	0.036	1.25	-0.050	6.018	-1.390	-707.6	2011-08-24
H7-PA-001_H7-PA-004	H7-PA-001	H7-PA-004	0.056	1.56	0.016	7.386	0.284	169.2	2011-08-24
H7-PA-004_H7-PA-005	H7-PA-004	H7-PA-005	0.072	1.20	0.128	2.556	1.764	1386.8	2011-08-24
H7-PA-005_H7-PA-007	H7-PA-005	H7-PA-007	0.065	0.94	-0.049	4.182	-0.753	-547.4	2011-08-24
H7-PA-007B_H7-PA-007	H7-PA-007B	H7-PA-007	3.730	0.99	0.013	1.797	0.004	136.9	2011-08-24
H7-PA-011_H7-15-009	H7-PA-011	H7-15-009	0.087	1.58	0.089	4.319	1.017	1306.9	2011-08-24
H7-SIP-006_H7-SIP-005	H7-SIP-006	WWTP	0.000	0.16	0.613	0.399		37023.5	2011-08-24
H7-WI-001_H7-WI-002	H7-WI-001	H7-WI-002	0.101	1.90	0.069	3.712	0.684	959.7	2011-08-24
H7-WI-002_H7-WI-003	H7-WI-002	H7-WI-003	0.274	1.88	0.116	3.485	0.423	1077.1	2011-08-24
H7-WI-003_H7-WI-004	H7-WI-003	H7-WI-004	0.231	1.84	0.127	5.797	0.548	1069.7	2011-08-24
H7-WI-004_H7-WI-005	H7-WI-004	H7-WI-005	0.133	1.81	0.128	3.629	0.965	1063.0	2011-08-24
H7-WI-005_H7-WI-009	H7-WI-005	H7-WI-009	0.190	1.80	0.131	4.280	0.690	1052.4	2011-08-24
H7-WI-007_H7-WI-009	H7-WI-007	H7-WI-009	0.065	2.00	0.051	7.489	0.793	680.6	2011-08-24
H7-WI-009_H7-15-007	H7-WI-010	H7-15-007	0.287	1.38	0.273	2.936	0.951	3913.1	2011-08-24
H7-WI-013_H7-15-007	H7-WI-013	H7-15-007	0.713	1.08	0.190	2.936	0.267	2478.0	2011-08-24
H7-WI-014A_H7-WI-014	H7-WI-014A	H7-WI-013	0.989	1.10	0.148	2.553	0.150	1839.2	2011-08-24
H7-WI-015_H7-15-006	H7-WI-015	H7-15-006	0.418	1.15	0.043	3.157	0.102	594.1	2011-08-24
H7-WI-017_H7-WI-014A	H7-WI-017	H7-WI-014A	0.827	1.12	0.128	2.566	0.155	1597.2	2011-08-24
H7-WI-017B_H7-WI-017	H7-WI-017B	H7-WI-017	0.100	1.16	0.028	4.211	0.284	360.8	2011-08-24
H7-WI-019_H7-WI-017	H7-WI-019	H7-WI-017	0.252	1.14	0.012	2.258	0.047	141.3	2011-08-24
H7-WW.1	H7-WW	H7-15-012B	0.000	0.50	-0.111	0.665		-1299.6	2011-08-24
HHA-FM_DITCH	HHA-FM	HHA-OF	0.156	7.60	0.317	23.703	2.036	9597.6	2011-08-24
HSI.1	HSI	5PS	0.309	0.94	0.053	0.281	0.172	1064.0	2011-08-24
HSI-05-002A_HSI-05-002	HSI-05-002A	HSI-05-002	0.264	5.39	0.114	3.939	0.432	1346.7	2011-08-24
HSI-05-010.1	HSI-05-010	HSI	0.590	3.47	0.443	0.647	0.751	5629.7	2011-08-24
HSI-RI-001_HSI-RI-003A	HSI-RI-001	HSI-RI-003A	0.268	12.71	0.087	1.330	0.326	1085.0	2011-08-24
HSI-RI-003A_HSI-RI-008	HSI-RI-003A	HSI-RI-008	0.303	11.19	0.237	1.302	0.782	3189.1	2011-08-24
HSI-RI-004A_HSI-RI-003A	HSI-RI-004A	HSI-RI-003A	0.117	14.79	0.130	4.403	1.108	1863.2	2011-08-24
HSI-RI-004AV_HSI-RI-004A	HSI-RI-004AV	HSI-RI-004A	0.000	16.15	0.097	12.194		1336.6	2011-08-24
HSI-RI-004B_HSI-RI-004AV	HSI-RI-004B	HSI-RI-004AV	0.000	17.39	0.097	18.321		1337.0	2011-08-24
HSI-RI-004C_HSI-RI-004B	HSI-RI-004C	HSI-RI-004B	0.000	18.81	0.057	25.278		570.9	2011-08-24
HSI-RI-004E_HSI-RI-004B	HSI-RI-004E	HSI-RI-004B	0.000	22.22	0.070	42.061		767.2	2011-08-24
HSI-RI-004H_HSI-RI-004A	HSI-RI-004H	HSI-RI-004A	0.182	15.48	0.050	6.682	0.274	527.1	2011-08-24
HSI-RI-008_HSI-05-002	HSI-RI-008	HSI-05-002	0.478	7.75	0.316	3.151	0.662	4130.7	2011-08-24
HWF-INT-012_HWF-INT-013	HWF-INT-012	5PS	1.537	-0.33	0.429	2.191	0.279	22841.6	2011-08-24
HWF-INT-016A_H5-INT-007A	HWF-INT-016A	H5-INT-007A	0.267	8.71	0.440	1.048	1.650	23883.8	2011-08-24
Link_10	Node_77	Outfall8	10.635	-0.75	2.873	0.356	0.270	47879.8	2011-08-24
Link_103	H4-IC	H3-INT-007	2.656	-0.31	0.210	2.208	0.079	9401.2	2011-08-24
Link_11	H6-14-010	H6	1.117	1.24	1.071	1.727	0.959	18759.0	2011-08-24

Link_110	HSI-OF	HWF-INT-016	5.961	0.22	0.396	0.333	0.066	4567.3	2011-08-2
Link_112	Node_32	Node_61	2.333	0.79	0.426	0.833	0.182	4725.9	2011-08-2
Link_113	Node_45	Node_64	149.390	-0.44	9.969	0.156	0.067	150796.9	2011-08-2
Link_115	Node_62	Node_40	777.648	-1.05	9.959	0.115	0.013	150488.4	2011-08-2
Link_116	Node_66	Node_39	483.665	-1.05	0.814	0.588	0.002	21095.9	2011-08-2
Link_12	Node_75	Node_10	3.277	-1.05	0.244	1.443	0.075	2890.6	2011-08-2
Link_120	H5_GC	H5_Inflow_Dummy	0.000	-0.25	2.079	0.871		51939.0	2011-08-2
Link_121	H5_Outflow_Dummy	H5_OF	0.000	-0.30	2.077	0.839		51779.9	2011-08-2
Link_128	H7-PA-005	Node_74	2.723	0.43	0.244	0.492	0.090	2890.7	2011-08-2
Link_131	H7-15-012D	Node_76	12.682	-0.07	3.019	0.696	0.238	47879.2	2011-08-2
Link_133	14VO-14-007	Node_78	0.417	1.41	0.310	0.642	0.744	5585.0	2011-08-2
Link_135	Node_80	5	0.000	-0.13	4.367	0.499		71782.9	2011-08-2
Link_137	Outfall3Gate2	Outfall3	2.174	-0.70	1.289	0.555	0.593	21343.3	2011-08-2
Link_138	OF-H1-V2	HWF-OB-001	0.603	-0.37	2.264	0.997	3.757	39518.5	2011-08-2
Link_139	H4-PA-004	H4-PA-005	1.720	1.51	-0.571	2.125	-0.332	-5502.5	2011-08-2
Link_140	H1-HA-130	PR_DH_MH1	0.559	1.23	-0.110	1.943	-0.197	-951.3	2011-08-2
Link_143	RG-3	H2-WA-005A	1.342	5.01	0.000	0.220	0.000	14.0	2011-08-2
Link_166	HHA-OF	Node_92	10.895	2.77	0.517	0.362	0.047	9517.8	2011-08-2
Link_167	Node_92	Node_34	18.012	2.67	1.781	0.723	0.099	24956.1	2011-08-2
Link_168	H1-OB-122A	MH-T7-OBS	1.169	1.20	0.539	3.078	0.461	8388.8	2011-08-2
Link_170	H1-OB-101	MH-T5-OBS	0.357	1.23	0.338	3.533	0.946	8945.1	2011-08-2
Link_171	T5-OBS_A	MH-T5-OBS	0.106	1.16	-0.119	8.514	-1.123	117.8	2011-08-2
Link_173	H1-OB-080A	H1-OB-077	3.082	1.18	2.125	2.367	0.689	68429.3	2011-08-2
Link_175	MH-T6-NEW	H1-NE-029A	1.182	1.23	0.380	3.108	0.322	7784.2	2011-08-2
Link_177	H1-JA-034	MH-T2-2STB	1.267	1.21	0.599	4.961	0.473	8330.5	2011-08-2
Link_183	Node_118	T2-4ST	0.000	1.34	0.000	1.580		0.0	2011-08-2
Link_203	H4-JA-002	MH-T5-5STB	6.157	1.21	0.110	2.630	0.018	450.1	2011-08-2
Link_241	H5-MA-762	H5-MA-764	0.098	1.38	-0.080	5.467	-0.812	-9.4	2011-08-2
Link_246	H1-MA-048	H1-MA-044	0.530	1.31	0.236	3.385	0.445	3179.1	2011-08-2
Link_257	H1-JE-023	H1-01-080	0.121	1.30	0.661	1.884	5.464	16793.8	2011-08-2
Link_260	H5-AD-717	H5-AD-714	0.051	1.61	0.048	6.294	0.938	614.0	2011-08-2
Link_263	H4-AD-002	H4-AD-010	0.704	1.46	0.091	2.391	0.130	990.3	2011-08-2
Link_266	H1-AD-048	H1-AD-043	0.585	1.41	0.265	2.819	0.453	3208.6	2011-08-2
Link_272	H4-GR-009	H4-GR-008	1.125	1.44	0.090	1.759	0.080	997.8	2011-08-2
Link_277	H1-GR-046	H1-GR-038	0.504	1.42	0.165	2.814	0.327	2049.3	2011-08-2
Link_294	H3-05-090	H3-WI-015	0.881	1.48	0.387	3.822	0.440	8402.0	2011-08-2
Link_296	H7-WI-009	H7-WI-010	0.287	1.64	0.258	2.740	0.899	3763.3	2011-08-2
Link_300	H4-CL-018	H4-CL-020	0.091	1.61	0.100	4.332	1.096	1150.5	2011-08-2
Link_307	H1-GA-017	H1-GA-012	1.135	1.15	0.802	1.846	0.706	15147.6	2011-08-2
Link_312	Node_91	HHA-OF	10.895	2.77	-0.066	0.165	-0.006	-7.8	2011-08-2
Link_314	T7-OBS	T7OBS-Weir-Dummy	0.000	1.19	-0.087	1.480		79.9	2011-08-2
Link_34	Node_30	Node_31	19.937	1.12	-0.016	0.193	-0.001	-102.0	2011-08-2
Link_35	Node_61	Node_33	2.333	0.71	0.425	0.284	0.182	4668.8	2011-08-2
Link_36	Node_67	Node_32	0.469	0.87	0.176	2.960	0.375	2034.2	2011-08-2
Link_38	Node_31	Node_35	0.253	1.23	-0.130	1.127	-0.515	-1594.5	2011-08-2
Link_382	NJT-OVERFLOW	Node_37	0.830	1.18	0.814	0.570	0.980	21577.6	2011-08-2

Link_39	Node_35	Node_36	0.820	2.03	-0.602	0.613	-0.735	-2736.2	2011-08-24
Link_4	H2-OF	Outfall3Gate1	1.429	0.06	1.290	1.089	0.902	21356.2	2011-08-24
Link_40	Node_36	NJT-OVERFLOW	0.843	1.66	0.942	0.799	1.117	22106.3	2011-08-24
Link_41	Node_37	Node_38	9.091	0.79	0.814	1.685	0.090	21329.3	2011-08-24
Link_43	Node_32	Node_31	5.051	1.10	-0.194	0.261	-0.038	-2179.7	2011-08-24
Link_44	Node_38	Node_65	850.000	0.15	0.814	0.473	0.001	21221.6	2011-08-24
Link_45	Node_34	Node_36	3.917	1.86	1.528	1.027	0.390	24921.3	2011-08-24
Link_48	Node_33	Node_43	39.108	0.42	0.470	0.165	0.012	5224.8	2011-08-24
Link_49	Node_43	Node_44	56.902	0.09	0.469	0.148	0.008	5221.3	2011-08-24
Link_50	Node_44	Node_45	107.686	-0.25	0.549	0.248	0.005	6180.2	2011-08-24
Link_6	H3-RI-006	H3-INT-003A	15.996	0.38	1.581	1.584	0.099	41496.1	2011-08-24
Link_8	HSI-05-002	HSI-05-010	0.339	4.11	0.443	1.520	1.306	5630.0	2011-08-24
Link_9	H5-11-009	H5	1.145	0.61	0.976	2.533	0.852	28212.6	2011-08-24
New2	H2-IC	H2-INT-007	3.413	0.37	0.175	2.060	0.051	491.8	2011-08-24
New3	HWF-INT-016	OF-H4-TG2	5.961	0.11	0.389	0.676	0.065	4566.1	2011-08-24
OF-H4-TG2.1	OF-H4-TG2	outfall5-tg	3.415	0.05	4.367	0.854	1.279	71792.7	2011-08-24
RG-1_H2-03-020	RG-1	H2-03-020	0.600	2.22	-0.090	1.373	-0.150	-151.4	2011-08-24
RG-10_H5-WA-440	RG-10	H5-WA-440	0.915	2.22	-0.172	2.775	-0.187	133.6	2011-08-24
RG-11_H5-WA-400	RG-11	H5-WA-400	0.944	2.30	0.114	3.078	0.121	182.5	2011-08-24
RG-12_H5-WA-400	RG-12	H5-WA-400	0.944	2.30	-0.138	3.085	-0.146	169.8	2011-08-24
RG-13_H5-WA-350	RG-13	H5-WA-350	0.949	2.12	-0.232	3.714	-0.244	191.8	2011-08-24
RG-14_H5-WA-356	RG-14	H5-WA-356	0.954	2.04	-0.333	3.414	-0.349	100.5	2011-08-24
RG-15_H6-WA-004	RG-15	H6-WA-004	0.900	2.19	0.141	3.094	0.157	200.5	2011-08-24
RG-2_H2-WA-005A	RG2	H2-WA-005A	1.342	5.01	0.002	0.220	0.002	89.6	2011-08-24
RG-4_H2-WA-007	RG-4	H2-WA-007	1.643	6.51	0.001	0.026	0.001	17.8	2011-08-24
RG-5_H2-WA-009	RG-5	H2-WA-009	1.375	6.52	0.003	0.598	0.002	123.1	2011-08-24
RG-6_H2-WA-011	RG-6	H2-WA-011	1.342	7.01	0.000	0.098	0.000	16.7	2011-08-24
RG-7_H5-WA-490	RG-7	H5-WA-490	0.915	3.18	0.026	0.437	0.029	302.1	2011-08-24
RG-8_H5-WA-480	RG-8	H5-WA-480	0.915	3.06	0.014	0.678	0.015	185.6	2011-08-24
RG-9_H5-WA-440	RG-9	H5-WA-440	0.977	2.32	-0.072	3.006	-0.074	176.2	2011-08-24
T10-MAD_A_H5-MA-764	T10-MAD_A	H5-MA-764	0.100	1.18	-0.106	8.494	-1.068	71.5	2011-08-24
T10-MAD-DUMMY	T10-MAD-DUMMY	T10-MAD	0.000	1.18	0.000	3.145		0.0	2011-08-24
T11-MAD_A_H5-MA-768	T11-MAD_A	H5-MA-768	0.079	1.30	0.119	10.096	1.515	57.2	2011-08-24
T11-MAD-DUMMY	T11-MAD-DUMMY	T11-MAD	0.000	1.29	0.000	2.592		0.0	2011-08-24
T15-MAD_A_H1-MA-044	T15-MAD_A	H1-MA-044	0.086	1.30	-0.077	8.186	-0.893	77.7	2011-08-24
T15-MAD-DUMMY	T15-MAD-DUMMY	T15-MAD	0.000	1.70	0.000	0.005		0.0	2011-08-24
T16-MAD_A_H1-MA-041	T16-MAD_A	H1-MA-041	0.079	1.29	-0.071	8.028	-0.905	61.8	2011-08-24
T16-MAD-DUMMY	T16-MAD-DUMMY	T16-MAD	0.000	1.44	0.000	0.005		0.0	2011-08-24
T1-7ST_A_H4-07-190	T1-7ST_A	H4-07-190	0.079	1.32	-0.102	7.966	-1.298	49.6	2011-08-24
T1-7ST-DUMMY	T1-7ST-DUMMY	T1-7ST	0.000	1.40	0.000	0.005		0.0	2011-08-24
T1-7ST-WEIR-DUMMY	T1-7ST	T1-7ST-WEIR-DUMMY	0.000	1.30	-0.102	1.409		62.3	2011-08-24
T1-GAR_A_H4-04-008	T1-GAR_A	H4-04-008	0.093	1.00	0.013	5.193	0.141	99.1	2011-08-24
T1-GAR-DUMMY	T1-GAR-DUMMY	T1-GAR	0.000	2.40	0.000	0.005		0.0	2011-08-24
T1-HAR_A_H4-HA-003	T1-HAR_A	H4-HA-003	0.079	1.43	0.074	6.539	0.942	140.5	2011-08-24
T1-HAR-DUMMY	T1-HAR-DUMMY	T1-HAR	0.000	1.44	0.000	0.251		0.0	2011-08-24
T1-NEW_A_H1-NE-003	T1-NEW_A	H1-NE-003	0.035	1.03	-0.155	7.312	-4.404	61.4	2011-08-24

T1-NEW-DUMMY	T1-NEW-DUMMY	T1-NEW	0.000	1.02	0.000	1.462		0.0	2011-08-31
T1-NEW-WEIR-DUMMY	T1-NEW	T1-NEW-WEIR-DUMMY	0.000	1.02	-0.155	1.429		74.9	2011-08-31
T2-2ST_A_MH-T2-2STB	T2-2ST_A	MH-T2-2STB	0.149	1.21	-0.108	11.304	-0.722	39.6	2011-08-31
T2-2ST-DUMMY	T2-2ST-DUMMY	T2-2ST	0.000	1.21	0.000	0.699		0.0	2011-08-31
T2-2ST-WEIR-DUMMY	T2-2ST	T2-2ST-WEIR-DUMMY	0.000	1.21	-0.106	1.340		65.3	2011-08-31
T2-4ST_A_H1-CL-036	T2-4ST_A	H1-CL-036	0.152	1.34	-0.090	7.197	-0.595	115.0	2011-08-31
T2-5ST_A_H1-AD-042	T2-5ST_A	H1-AD-042	0.153	1.36	-0.073	7.122	-0.478	78.9	2011-08-31
T2-5ST-DUMMY	T2-5ST-DUMMY	T2-5ST	0.000	1.50	0.000	0.005		0.0	2011-08-31
T2-6ST_A_H1-JE-050	T2-6ST_A	H1-JE-050	0.186	1.32	-0.101	7.564	-0.545	74.1	2011-08-31
T2-6ST-DUMMY	T2-6ST-DUMMY	T2-6ST	0.000	1.31	0.000	0.076		0.0	2011-08-31
T2-7ST_A_H4-07-200	T2-7ST_A	H4-07-200	0.086	1.43	-0.075	8.275	-0.871	29.7	2011-08-31
T2-7ST-DUMMY	T2-7ST-DUMMY	T2-7ST	0.000	1.80	0.000	0.005		0.0	2011-08-31
T2-BLM_A_H4-04-007	T2-BLM_A	H1-BL-037	0.079	3.33	0.248	8.190	3.152	127.6	2011-08-31
T2-BLM-DUMMY	T2-BLM-DUMMY	T2-BLM	0.000	3.50	0.000	0.005		0.0	2011-08-31
T2-JAC_A_H4-JA-006	T2-JAC_A	H4-JA-006	0.079	1.40	-0.067	6.521	-0.857	81.8	2011-08-31
T2-JAC-DUMMY	T2-JAC-DUMMY	T2-JAC	0.000	1.41	0.000	0.045		0.0	2011-08-31
T2-MON_A_H5-MO-794	T2-MON_A	H5-MO-794	0.086	1.43	-0.117	7.762	-1.352	119.0	2011-08-31
T2-MON-DUMMY	T2-MON-DUMMY	T2-MON	0.000	1.42	0.000	2.035		0.0	2011-08-31
T3-3ST_A_H1-03-170	T3-3ST_A	H1-03-170	0.079	1.21	-0.128	9.779	-1.628	51.6	2011-08-31
T3-3ST-DUMMY	T3-3ST-DUMMY	T3-3ST	0.000	1.21	0.000	1.383		0.0	2011-08-31
T3-3ST-WEIR-DUMMY	T3-3ST	T3-3ST-WEIR-DUMMY	0.000	1.21	-0.128	1.479		68.8	2011-08-31
T3-4ST_A_H1-AD-039	T3-4ST_A	H1-AD-039	0.122	1.33	-0.081	7.179	-0.662	75.4	2011-08-31
T3-4ST-DUMMY	T3-4ST-DUMMY	T3-4ST	0.000	1.33	0.000	0.062		0.0	2011-08-31
T3-6ST_A_H1-MA-048	T3-6ST_A	H1-MA-048	0.172	1.30	-0.078	8.337	-0.454	18.9	2011-08-31
T3-6ST-DUMMY	T3-6ST-DUMMY	T3-6ST	0.000	1.40	0.000	0.005		0.0	2011-08-31
T3-ADM_A_H5-AD-714	T3-ADM_A	H5-AD-714	0.086	1.43	0.069	6.981	0.798	68.3	2011-08-31
T3-ADM-DUMMY	T3-ADM-DUMMY	T3-ADM	0.000	1.55	0.000	0.005		0.0	2011-08-31
T3-GND-DUMMY	T3-GND-DUMMY	T3-GND	0.000	1.83	0.000	0.005		0.0	2011-08-31
T3-JAC_A_H4-JA-004	T3-JAC_A	H4-JA-004	0.093	1.27	-0.125	8.861	-1.345	64.0	2011-08-31
T3-JAC-DUMMY	T3-JAC-DUMMY	T3-JAC	0.000	1.25	0.000	0.792		0.0	2011-08-31
T3-OBS_A_H1-OB-080A	T3-OBS_A	H1-OB-080A	0.109	1.16	0.094	7.152	0.860	348.1	2011-08-31
T3-OBS-DUMMY	T3-OBS-DUMMY	T3-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
T3-OBS-WEIR-DUMMY	T3-OBS	T3-BS-WEIR-DUMMY	0.000	1.16	0.093	1.510		356.7	2011-08-31
T4-4ST_A_H1-MA-038	T4-4ST_A	H1-MA-038	0.130	1.17	-0.130	12.213	-1.000	21.9	2011-08-31
T4-4ST-DUMMY	T4-4ST-DUMMY	T4-4ST	0.000	1.17	0.000	1.589		0.0	2011-08-31
T4-5ST_A_H1-MA-041	T4-5ST_A	H1-MA-041	0.145	1.25	0.103	8.288	0.711	60.7	2011-08-31
T4-5ST-DUMMY	T4-5ST-DUMMY	T4-5ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T4-6ST_A_H1-MO-057	T4-6ST_A	H1-MO-057	0.141	1.22	-0.156	12.195	-1.106	-26.4	2011-08-31
T4-6ST-DUMMY	T4-6ST-DUMMY	T4-6ST	0.000	1.22	0.000	0.573		0.0	2011-08-31
T4-GND_A_H4-GR-008	T4-GND_A	H4-GR-008	0.086	1.43	0.099	5.410	1.152	82.0	2011-08-31
T4-GND-DUMMY	T4-GND-DUMMY	T4-GND	0.000	1.72	0.000	0.005		0.0	2011-08-31
T5-5ST_A_H1-JA-046	T5-5ST_A	MH-T5-5STB	0.141	1.20	0.095	10.610	0.672	125.1	2011-08-31
T5-5ST-DUMMY	T5-5ST-DUMMY	T5-5ST	0.000	1.20	0.000	1.012		0.0	2011-08-31
T5-9ST_A_H4-GR-012	T5-9ST_A	H4-GR-012	0.149	1.46	0.081	7.716	0.541	48.8	2011-08-31
T5-9ST-DUMMY	T5-9ST-DUMMY	T5-9ST	0.000	1.83	0.000	0.005		0.0	2011-08-31

T5-GND_A_H1-GR-054	T5-GND_A	H1-GR-054	0.079	1.40	-0.092	8.702	-1.164	80.3	2011-08-24
T5-GND-DUMMY	T5-GND-DUMMY	T5-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T5-JAC_A_H1-JA-043	T5-JAC_A	H1-JA-043	0.100	1.15	0.176	11.380	1.770	116.0	2011-08-24
T5-JAC-DUMMY	T5-JAC-DUMMY	T5-JAC	0.000	1.15	0.000	2.620		0.0	2011-08-24
T5-JEF_A_H5-11-730	T5-JEF_A	H5-11-730	0.078	1.48	0.078	8.049	1.003	65.4	2011-08-24
T5-JEF-DUMMY	T5-JEF-DUMMY	T5-JEF	0.000	1.70	0.000	0.005		0.0	2011-08-24
T5-OBS-DUMMY	T5-OBS-DUMMY	T5-OBS	0.006	1.16	0.000	1.023	-0.007	0.0	2011-08-24
T5-OBS-WEIR-DUMMY	T5-OBS	T5-OBS-WEIR-DUMMY	0.000	1.16	-0.118	1.495		130.1	2011-08-24
T6-4ST_A_H1-HA-141	T6-4ST_A	H1-HA-141	0.035	1.20	-0.085	5.588	-2.422	56.5	2011-08-24
T6-4ST_DUMMY	T6-4ST-DUMMY	T6-4ST	0.000	1.20	0.000	0.683		0.0	2011-08-24
T6-5ST_A_H1-MO-047	T6-5ST_A	H1-MO-047	0.153	1.22	-0.141	12.398	-0.919	8.6	2011-08-24
T6-5ST-DUMMY	T6-5ST-DUMMY	T6-5ST	0.000	1.22	0.000	0.532		0.0	2011-08-24
T6-ADM_A_H4-AD-010	T6-ADM_A	H4-AD-010	0.085	1.46	0.088	5.720	1.035	197.3	2011-08-24
T6-ADM-DUMMY	T6-ADM-DUMMY	T6-ADM	0.000	1.63	0.000	0.005		0.0	2011-08-24
T6-GND_A_H1-GR-045	T6-GND_A	H1-GR-046	0.101	1.42	-0.060	7.149	-0.600	96.1	2011-08-24
T6-GND-DUMMY	T6-GND-DUMMY	T6-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T6-JEF_A_H5-JE-742	T6-JEF_A	H5-JE-742	0.070	1.52	0.101	7.735	1.429	165.6	2011-08-24
T6-JEF-DUMMY	T6-JEF-DUMMY	T6-JEF	0.000	1.60	0.000	0.005		0.0	2011-08-24
T6-MON_A_H4-MO-001	T6-MON_A	H4-MO-001	0.093	1.36	0.094	8.945	1.008	135.9	2011-08-24
T6-MON-DUMMY	T6-MON-DUMMY	T6-MON	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW_A_MH-T6-NEW	T6-NEW_A	MH-T6-NEW	0.090	1.22	-0.053	6.267	-0.582	152.2	2011-08-24
T6-NEW-DUMMY	T6-NEW-DUMMY	T6-NEW	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW-WEIR-DUMMY	T6-NEW	T6-NEW-WEIR-DUMMY	0.000	1.23	-0.052	1.345		160.3	2011-08-24
T7-5ST_A_MH-T5-TSTB	T7-5ST_A	MH-T5-5STB	0.145	1.21	-0.101	10.615	-0.693	-46.2	2011-08-24
T7-5ST-DUMMY	T7-5ST-DUMMY	T7-5ST	0.000	1.21	0.000	1.024		0.0	2011-08-24
T7-JEF_A_H1-JE-031	T7-JEF_A	H1-JE-031	0.070	1.20	-0.125	8.932	-1.773	90.8	2011-08-24
T7-JEF-DUMMY	T7-JEF-DUMMY	T7-JEF	0.000	1.20	0.000	1.010		0.0	2011-08-24
T7-JEF-WEIR-DUMMY	T7-JEF	T7-JEF-WEIR-DUMMY	0.000	1.20	-0.124	1.467		105.5	2011-08-24
T7-MON_A_H1-MO-062	T7-MON_A	H1-MO-062	0.086	1.24	-0.107	9.629	-1.237	76.9	2011-08-24
T7-MON-DUMMY	T7-MON-DUMMY	T7-MON	0.000	1.24	0.000	0.100		0.0	2011-08-24
T7-OBS_MH-T7-OBS	T7-OBS_A	MH-T7-OBS	0.110	1.19	-0.087	6.981	-0.792	71.5	2011-08-24
T7-OBS-DUMMY	T7-OBS-DUMMY	T7-OBS	0.000	1.20	0.000	0.005		0.0	2011-08-24
T8=ADM=DUMMY	T8-ADM-DUMMY	T8-ADM	0.000	1.50	0.000	0.005		0.0	2011-08-24
T8-ADM_A_H1-AD-043	T8-ADM_A	H1-AD-043	0.091	1.38	-0.068	7.247	-0.748	226.7	2011-08-24
T8-JEF_A_H1-JE-023	T8-JEF_A	H1-JE-023	0.086	1.21	-0.099	7.027	-1.153	114.2	2011-08-24
T8-JEF-DUMMY	T8-JEF-DUMMY	T8-JEF	0.000	1.21	0.000	0.063		0.0	2011-08-24
T8-JEF-WEIR-DUMMY	T8-JEF	T8-JEF-WEIR-DUMMY	0.000	1.21	-0.099	1.516		122.3	2011-08-24
T8-MAD_A_H5-11-750	T8-MAD_A	H5-11-750	0.100	1.40	-0.097	7.618	-0.972	63.8	2011-08-24
T8-MAD-DUMMY	T8-MAD-DUMMY	T8-MAD	0.000	1.40	0.000	0.679		0.0	2011-08-24
T9-ADM_A_H1-AD-035	T9-ADM_A	H1-03-140	0.070	1.22	0.129	9.944	1.837	208.1	2011-08-24
T9-ADM-DUMMY	T9-ADM-DUMMY	T9-ADM	0.000	1.22	0.000	1.122		0.0	2011-08-24
T9-MAD_A_H5-11-750	T9-MAD_A	H5-11-750	0.088	1.38	0.096	7.555	1.093	73.1	2011-08-24
T9-MAD-DUMMY	T9-MAD-DUMMY	T9-MAD	0.000	1.37	0.000	0.478		0.0	2011-08-24
TD12-13ST_A_H5-CL-648	TD12-13ST_A	H5-CL-648	0.149	1.43	0.048	7.942	0.322	26.8	2011-08-24
TD12-13ST-DUMMY	TD12-13ST-DUMMY	TD12-13ST	0.000	2.03	0.000	0.005		0.0	2011-08-24
TD14-CLA_A_H1-CL-036	TD14-CLA_A	H1-CL-036	0.035	1.32	-0.086	7.130	-2.443	65.3	2011-08-24

TD14-CLA-DUMMY	TD14-CLA-DUMMY	TD14-CLA	0.000	1.33	0.000	0.005		0.0	2011-08-31
TD1-4ST_A_H1-CL-036	TD1-4ST_A	H1-CL-036	0.145	1.34	-0.094	7.201	-0.646	32.1	2011-08-31
TD1-4ST-DUMMY	TD1-4ST-DUMMY	TD1-4ST	0.000	1.34	0.000	0.739		0.0	2011-08-31
TD1-WIL_A_H3-WI-022	TD1-WIL_A	H3-WI-022	0.079	1.41	-0.078	6.726	-0.993	68.7	2011-08-31
TD1-WIL-DUMMY	TD1-WIL-DUMMY	TD1-WIL	0.000	1.54	0.000	0.005		0.0	2011-08-31
TD23-CLA_A_H3-CL-007	TD23-CLA_A	H3-CL-007	0.050	1.48	-0.082	6.550	-1.643	87.8	2011-08-31
TD23-CLA-DUMMY	TD23-CLA-DUMMY	TD23-CLA	0.000	1.60	0.000	0.005		0.0	2011-08-31
TD25-WIL_A_H7-WI-009	TD6-WIL_A	H3-WI-015	0.079	1.43	-0.070	6.565	-0.886	68.5	2011-08-31
TD25-WIL_A_H7-WI-010	TD25-WIL_A	H7-WI-010	0.086	1.43	0.120	5.844	1.386	153.0	2011-08-31
TD25-WIL-DUMMY	TD25-WIL-DUMMY	TD25-WIL	0.000	1.60	0.000	0.005		0.0	2011-08-31
TD30-CLA_A_H4-CL-020	TD30-CLA_A	H4-CL-020	0.103	1.58	0.099	5.504	0.965	75.1	2011-08-31
TD30-CLA-DUMMY	TD30-CLA-DUMMY	TD30-CLA	0.000	1.85	0.000	0.005		0.0	2011-08-31
TD31-CLA_A_H5-CL-662	TD31-CLA_A	H5-CL-662	0.086	1.67	0.009	4.000	0.106	76.0	2011-08-31
TD31-CLA-DUMMY	TD31-CLA-DUMMY	TD31-CLA	0.000	2.89	0.000	0.005		0.0	2011-08-31
TD4-OBS_A_H1-OB-071	TD4-OBS_A	H1-OB-071	0.110	1.08	-0.101	9.358	-0.922	35.8	2011-08-31
TD4-OBS-DUMMY	TD4-OBS-DUMMY	TD4-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
TD4-OBS-WEIR-DUMMY	TD4-OBS	TD4-OBS-WEIR-DUMMY	0.000	1.08	0.086	1.263		55.6	2011-08-31
TD6-WIL-DUMMY	TD6-WIL-DUMMY	TD6-WIL	0.000	1.53	0.000	0.005		0.0	2011-08-31
TD8-GAR_A_H1-GA-012	TD8-GAR_A	H1-GA-012	0.086	1.07	0.085	7.412	0.985	116.2	2011-08-31
TD8-GAR-DUMMY	TD8-GAR-DUMMY	TD8-GAR	0.000	1.20	0.000	0.005		0.0	2011-08-31
TD8-GAR-WEIR-DUMMY	TD8-GAR	TD8-GAR-WEIR-DUMMY	0.000	1.07	0.085	1.442		126.8	2011-08-31

MIKE URBAN Hydraulic Results

Proposed DSD Alternatives: 5-Year Rainfall Event at High Tide

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File Overview

Working dir :	C:\Projects\50074974\MIKEURBAN\ProposedAlternatives\	-
Sewer network data (UND) :	2D_Prop_HT_5yrProposedAlt.MEX	7/18/2016 5:23:48 PM
Hydrological data (HGF) :	2D_Prop_HT_5yrProposedAlt.MEX	7/18/2016 5:23:48 PM
Additional parameters file (ADP) :	-	-
Dry weather flow data (DWF) :	2D_Prop_HT_5yrProposedAlt.MEX	7/18/2016 5:23:48 PM
Repetitive profile data (RPF) :	-	-
Runoff Hydrographs (CRF) :	RO_Prop_5yrProposedAlt.CRF	7/6/2016 6:57:32 PM
Hotstart file (PRF) :	-	-
Result File (PRF) :	2D_Prop_HT_5yrProposedAlt.PRF	7/18/2016 5:24:00 PM
Reduced result file (PRF) :	-	-

Time Overview

Simulation start date :	2011-08-27 09:00:00	Calculation started :	2016-07-18 17:24:00
Simulation end date :	2011-08-28 09:00:00	Calculation ended :	2016-07-18 23:37:57
Save time step [hh:mm:ss] :	0:10:00	Calculation time [hh:mm:ss] :	6:13:57
Maximum time step [sec] :	0.75	Hotstart start date :	-
Minimum time step [sec] :	0.75		

Input Summary

Number of Manholes:	845
Number of Basins:	96
Number of Outlets:	10
Number of Storage Nodes:	0
Number of Circular Pipes:	568
Number of Rectangular pipes:	325
Number of CRS defined pipes:	3
Number of Pumps:	8
Number of Controlled Pumps:	0
Number of Weirs/Orifices:	97
Number of Controlled Weirs/Gates:	0
Number of Valves:	0
Number of Controlled Valves:	0

Nodes

Min Invert Level	WWTP	-100.00 m
Max Invert Level	14VO-MA-001B	44.59 m
Min Ground Level	H1-WW	0.00 m
Max Ground Level	14VO-02-001D	45.78 m
Min X Coordinate	Node_45	5.8064E05 m
Max X Coordinate	Node_79	5.8258E05 m
Min Y Coordinate	Node_62	4.5097E06 m
Max Y Coordinate	H7-GR-001	4.5124E06 m
Total Manhole Volume		5842.0 m3
Total Basin Volume		842947.9 m3

Links

Total Circular Volume	71155.2 m3
Total CRS Volume	88166.1 m3
Total Length	77726.00 m

Simulation Result Summary

Continuity Balance

1 : Start volume in Pipes, Manholes and Structures	883274.7 m3
2 : End volume in Pipes, Manholes and Structures	990239.9 m3
3 : Total inflow volume	
Specified inflows	
Runoff :	250928.6 m3
DWF :	2053.4 m3
Non-specified inflows	
Outlets (inflow) :	37.1 m3
Inflow from 2D overland :	6367.2 m3
	259386.2 m3 --> 259386.2 m3
4 : Total diverted volume	
Operational, non-specified outflows	
Outlets :	57264.1 m3
Pumps :	112724.6 m3
Flow to 2D overland :	7563.2 m3
	177552.0 m3 --> 177552.0 m3
5 : Water generated in empty parts of the system :	2225.9 m3
6 : Continuity Balance = (2-1) - (3-4+5) :	22905.2 m3
Continuity Balance max value :	22905.2 m3
Continuity Balance min value :	0.0 m3

2D overland

Inflows from 2D overland

Manholes/basins:	6367.2 m3
Outlets:	0.0 m3
Total:	6367.2 m3

Outflows to 2D overland

Manholes/basins: 7563.2 m3
Pumps: 0.0 m3
Weirs: 0.0 m3
Outlets: 0.0 m3
Diverted Runoff: 2201.5 m3
Total: 9764.7 m3

Boundary Connections

Outlet levels

Boundary Condition ID	Location	Temporal variation	Value/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
							m	m
BC_38	HWF-14-001A	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_39	5	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_40	Node_40	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_41	Node_39	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_42	Node_10	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_43	Outfall8	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_44	Outfall6	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_45	Outfall3	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_46	HWF-OB-001	Constant	0.95	Unlimited	-	-	0.95	0.95

Network loads (discharges)

Boundary Condition ID	Type	Load Type	Connection Type	Location	Temporal variation	Value/pattern/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
										m3/s	
Block12_Basin 2	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin1	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin3	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
CityHall	Discharge	Storm Runoff	Individual	H1-BL-016	Time Series	CityHall_Outflow.dfs0	Unlimited	-	-	0.000	0.000
HWF-10	Discharge	DWF	Individual	H2-01-002	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-11	Discharge	DWF	Individual	H3-RI-001	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-12	Discharge	DWF	Individual	H2-HP-001A	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-13	Discharge	DWF	Individual	H2-HP-001A	Constant	0.003	Unlimited	-	-	0.003	0.003
HWF-5	Discharge	DWF	Individual	H5-HU-015	Constant	0.009	Unlimited	-	-	0.009	0.009
HWF-6	Discharge	DWF	Individual	H5-HU-020	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-7	Discharge	DWF	Individual	H3-RI-006	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-8	Discharge	DWF	Individual	H3-RI-003	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-9	Discharge	DWF	Individual	H2-RI-004	Constant	0.001	Unlimited	-	-	0.001	0.001
Total :											

Network loads (discharges), summary by Load type

Load Type	Accumulated Value
	m3
Storm Runoff	384.1
DWF	2053.4
Total :	2437.5

Network loads (discharges), summary by Temporal variation

Temporal variation	Accumulated Value
	m3
Constant	2053.4
Time Series	384.1
Total :	2437.5

Weir/Orifice-Gate/Valve Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum
	[m3/s]	[m3/s]	[m3]		
H1.4	0.000	3.951	99060.6	2011-08-27 09:00:00	2011-08-27 21:50:00
H2.4	0.000	0.728	7873.7	2011-08-27 09:00:00	2011-08-27 22:00:00
H3.4	-0.550	0.146	-13620.9	2011-08-28 03:50:00	2011-08-27 20:50:00
H4.4	0.000	1.103	29853.6	2011-08-27 09:00:00	2011-08-27 22:00:00
H5.4	-0.018	1.265	18142.0	2011-08-28 05:30:00	2011-08-27 22:00:00
H5_WW_Weir	0.000	1.268	13615.4	2011-08-27 09:00:00	2011-08-27 22:00:00
H6.4	-0.032	0.521	5832.2	2011-08-27 14:00:00	2011-08-27 22:00:00
H7.4	-0.129	0.000	-5772.6	2011-08-27 20:30:00	2011-08-27 09:00:00
HS1.3	0.000	0.174	1489.1	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_100	-0.065	0.030	-44.9	2011-08-27 20:40:00	2011-08-28 01:20:00
Weir_101	-0.062	0.038	28.5	2011-08-27 20:40:00	2011-08-28 01:50:00
Weir_103	-0.107	0.049	3.9	2011-08-27 21:20:00	2011-08-27 23:30:00
Weir_107	-0.030	0.042	29.8	2011-08-27 20:50:00	2011-08-27 22:20:00
Weir_110	-0.067	0.033	8.8	2011-08-27 21:10:00	2011-08-27 23:30:00
Weir_111	-0.077	0.040	0.6	2011-08-27 21:20:00	2011-08-27 23:20:00
Weir_113	-0.052	0.042	22.2	2011-08-27 21:10:00	2011-08-27 22:20:00
Weir_116	-0.007	0.036	20.9	2011-08-27 22:00:00	2011-08-27 22:10:00
Weir_118	-0.044	0.003	18.8	2011-08-27 21:10:00	2011-08-27 21:30:00
Weir_119	-0.064	0.027	-1.6	2011-08-27 21:10:00	2011-08-27 21:20:00
Weir_120	-0.111	0.046	0.7	2011-08-27 21:10:00	2011-08-27 23:30:00
Weir_121	-0.090	0.033	13.5	2011-08-27 21:10:00	2011-08-27 23:30:00
Weir_123	-0.068	0.057	34.5	2011-08-27 21:20:00	2011-08-27 22:30:00
Weir_125	-0.056	0.055	12.7	2011-08-27 21:10:00	2011-08-27 22:30:00
Weir_129	-0.035	0.004	-17.0	2011-08-27 21:40:00	2011-08-27 22:10:00
Weir_69	-0.056	0.029	21.0	2011-08-27 21:20:00	2011-08-27 22:30:00
Weir_70	-0.018	0.027	55.8	2011-08-27 21:20:00	2011-08-27 22:20:00
Weir_73	-0.081	0.044	36.0	2011-08-27 21:10:00	2011-08-28 01:50:00
Weir_75	-0.070	0.038	-8.8	2011-08-27 20:50:00	2011-08-27 22:30:00
Weir_76	-0.027	0.037	38.6	2011-08-27 21:10:00	2011-08-27 22:20:00
Weir_77	-0.117	0.064	9.8	2011-08-27 21:10:00	2011-08-28 03:40:00
Weir_81	-0.091	0.041	2.2	2011-08-27 21:10:00	2011-08-28 01:30:00
Weir_82	-0.082	0.045	66.3	2011-08-27 21:10:00	2011-08-27 23:30:00
Weir_83	-0.054	0.034	56.6	2011-08-27 21:00:00	2011-08-28 01:30:00
Weir_84	-0.108	0.091	23.0	2011-08-27 21:00:00	2011-08-28 03:50:00
Weir_85	-0.084	0.049	-24.5	2011-08-27 21:10:00	2011-08-28 01:50:00
Weir_87	-0.051	0.046	42.5	2011-08-27 21:10:00	2011-08-27 22:30:00

Weir_88	-0.047	0.050	15.8	2011-08-27 21:20:00	2011-08-27 22:30:00
Weir_89	-0.053	0.046	6.4	2011-08-27 21:10:00	2011-08-27 22:20:00
Weir_91	0.000	0.000	8.6	2011-08-27 09:00:00	2011-08-28 05:00:00
Weir_94	-0.042	0.044	23.5	2011-08-27 20:50:00	2011-08-27 22:20:00
Weir_99	-0.105	0.032	-38.6	2011-08-27 20:50:00	2011-08-27 23:30:00
Weir_B10	-0.470	0.496	1496.1	2011-08-27 21:00:00	2011-08-28 04:40:00
Weir_BASF	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
Weir_CLA-PS	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
Weir_HHA	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
Weir_T15-MAD	-0.030	0.008	9.6	2011-08-27 21:00:00	2011-08-27 21:10:00
Weir_T16-MAD	-0.052	0.035	9.7	2011-08-27 20:50:00	2011-08-27 22:20:00
Weir_T1-HAR	-0.055	0.046	44.3	2011-08-27 21:20:00	2011-08-27 22:20:00
Weir_T2-2ST	-0.069	0.039	-12.8	2011-08-27 21:00:00	2011-08-28 01:20:00
Weir_T2-6ST	-0.050	0.046	22.1	2011-08-27 21:20:00	2011-08-27 22:20:00
Weir_T2-7ST	-0.065	0.023	-16.2	2011-08-27 21:10:00	2011-08-27 22:10:00
Weir_T2-BLM	0.000	0.006	35.4	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_T3-4ST	-0.041	0.041	23.1	2011-08-27 21:20:00	2011-08-27 22:30:00
Weir_T3-6ST	-0.079	0.040	-6.3	2011-08-27 20:50:00	2011-08-27 22:20:00
Weir_T3-ADM	-0.054	0.036	11.0	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_T3-GND	-0.002	0.007	-29.8	2011-08-27 21:30:00	2011-08-27 21:20:00
Weir_T3-OBS	-0.047	0.047	140.4	2011-08-27 21:10:00	2011-08-27 22:30:00
Weir_T4-5ST	-0.059	0.038	10.8	2011-08-27 21:10:00	2011-08-27 22:30:00
Weir_T4-6ST	-0.118	0.033	-49.5	2011-08-27 20:50:00	2011-08-28 01:30:00
Weir_T5-GND	-0.037	0.052	13.2	2011-08-27 21:20:00	2011-08-27 22:20:00
Weir_T5-JEF	-0.056	0.026	2.4	2011-08-27 20:50:00	2011-08-27 22:10:00
Weir_T6-ADM	-0.004	0.034	65.2	2011-08-27 21:20:00	2011-08-27 22:10:00
Weir_T6-JEF	-0.043	0.056	43.7	2011-08-27 21:20:00	2011-08-27 22:20:00
Weir_T6-MON	-0.066	0.040	27.4	2011-08-27 21:20:00	2011-08-27 22:30:00
Weir_T7-JEF	-0.087	0.043	21.3	2011-08-27 21:10:00	2011-08-27 23:30:00
Weir_T8-ADM	-0.026	0.044	85.9	2011-08-27 21:20:00	2011-08-27 22:20:00
Weir_T8-JEF	-0.061	0.039	39.1	2011-08-27 21:20:00	2011-08-27 22:30:00
Weir_T9-MAD	-0.057	0.058	14.0	2011-08-27 21:20:00	2011-08-27 22:30:00
Weir_TD1-WIL	-0.033	0.055	18.7	2011-08-27 21:20:00	2011-08-27 22:20:00
Weir_TD23-CLA	-0.020	0.052	27.6	2011-08-27 21:20:00	2011-08-27 22:20:00
Weir_TD25-WIL	-0.026	0.058	58.9	2011-08-27 20:40:00	2011-08-27 22:20:00
Weir_TD31-CLA	0.000	0.001	12.2	2011-08-27 09:00:00	2011-08-27 23:00:00
Weir_TD6-WIL	-0.024	0.048	19.0	2011-08-27 20:50:00	2011-08-27 22:20:00
H1.1	-0.358	0.054	-7601.6	2011-08-27 21:10:00	2011-08-27 17:40:00
H1-WW.1	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
H2.1	0.000	0.092	2265.2	2011-08-27 09:00:00	2011-08-27 20:20:00
H2-WW.2	-0.009	0.092	2008.3	2011-08-27 15:30:00	2011-08-27 20:20:00
H3.1	0.000	0.130	6595.4	2011-08-27 09:00:00	2011-08-27 21:10:00
H3-WW.2	0.000	0.201	8216.0	2011-08-27 15:20:00	2011-08-27 20:40:00
H4.1	0.000	0.123	5867.4	2011-08-27 09:00:00	2011-08-27 20:40:00
H4-WW.1	0.000	0.123	5628.2	2011-08-27 09:00:00	2011-08-27 20:40:00
H5.1	-0.005	0.154	4112.9	2011-08-27 22:00:00	2011-08-27 10:30:00

H5-WW.1	-0.005	0.118	2880.9	2011-08-27 22:00:00	2011-08-27 10:30:00
H6.1	-0.011	0.015	361.1	2011-08-27 13:30:00	2011-08-27 22:00:00
H6-WW.2	-0.014	0.020	469.4	2011-08-27 13:30:00	2011-08-27 22:00:00
H7.1	-0.019	0.123	5599.4	2011-08-27 13:00:00	2011-08-27 20:30:00
H7-WW.2	-0.002	0.033	1466.5	2011-08-27 13:50:00	2011-08-27 20:30:00
Orifice_13	0.000	0.685	5629.8	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_3	0.000	2.326	26934.9	2011-08-27 09:00:00	2011-08-27 23:50:00
Orifice_5	0.000	0.324	6896.0	2011-08-27 09:00:00	2011-08-27 22:30:00
Orifice_7	0.000	0.105	1248.0	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_8	-0.056	1.230	6722.2	2011-08-27 23:40:00	2011-08-27 22:00:00
Orifice_9	0.000	0.181	1711.0	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_B10	-0.062	0.043	164.0	2011-08-27 20:30:00	2011-08-28 06:00:00
Orifice_BASF	0.000	0.117	4498.3	2011-08-27 09:00:00	2011-08-28 06:40:00
Orifice_HHA	0.000	0.096	3978.5	2011-08-27 09:00:00	2011-08-27 23:40:00
outfall5-tg	0.000	1.210	3721.5	2011-08-27 09:00:00	2011-08-27 22:00:00

Pumps - Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum	Pump starts	Dry stops (1)	Speed	Operation total	Operation above dH or H range of RPMmax curve
	[m3/s]	[m3/s]	[m3]			[Count]	[Count]		[Hr:Min:Sec]	[Hr:Min:Sec]
11PS.3	0.000	0.173	14525.1	2011-08-27 09:00:00	2011-08-27 22:00:00	16	0	Constant	23:19:12	-
5PS.3	0.000	0.440	26665.4	2011-08-27 09:00:00	2011-08-27 19:40:00	1	0	Variable	17:58:27	-
5PS.4	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Variable	0:00:00	-
CLA-PS.1	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Constant	0:00:00	-
H1-WW.3	0.000	2.650	99103.6	2011-08-27 09:00:00	2011-08-27 20:20:00	447	0	Constant	11:38:15	-
H5PS	0.000	2.879	13621.0	2011-08-27 09:00:00	2011-08-27 22:00:00	274	51	Constant	2:18:15	-
Pump_BASF	0.000	0.566	4501.8	2011-08-27 09:00:00	2011-08-28 00:50:00	310	10	Constant	3:04:15	-
Pump_HHA	0.000	0.316	3981.8	2011-08-27 09:00:00	2011-08-28 05:00:00	445	16	Constant	4:44:17	-

(1) : Pump stops due to dry pump well.

Warning: Dry stops occurred during the simulation. Insufficient volume below the stop level to let the pump decelerate normally.

Recommended: Check pump well volume, pump curve, acceleration-/deceleration time, start/stop conditions and other input data.

Links - Result summary

LinkID	From Node	To Node	Qf	Hmax	Qmax	Hmax/D	Qmax/Qf	Flow - Accumulated	Ti
			[m3/s]	[m]	[m3/s]			[m3]	
14VO-02-001D_14VO-MA-001B	14VO-02-001D	14VO-MA-001B	0.282	45.29	0.112	0.989	0.397	1023.4	2011-08-27 10:30:00
14VO-14-001_14VO-14-002	14VO-14-001	14VO-14-002	0.164	25.50	0.014	1.180	0.086	123.0	2011-08-27 13:30:00
14VO-14-001_14VO-14-005	14VO-14-001	14VO-14-005	0.228	25.46	0.020	1.124	0.088	191.7	2011-08-27 13:00:00
14VO-14-001C_14VO-14-001	14VO-14-001C	14VO-14-001	0.246	29.18	0.034	0.402	0.140	315.1	2011-08-27 13:50:00
14VO-14-002_14VO-14-006	14VO-14-002	14VO-14-006	0.226	25.27	0.147	3.008	0.649	1409.3	2011-08-27 20:30:00
14VO-14-005_14VO-14-007	14VO-14-005	14VO-14-007	0.061	1.33	0.033	1.107	0.551	346.3	2011-08-27 20:30:00
14VO-14-006_14VO-14-007	14VO-14-006	14VO-14-007	0.078	1.82	0.153	2.167	1.956	1496.8	2011-08-27 23:40:00
14VO-14-007_HWF-14-001A	Node_79	HWF-14-001A	0.659	0.97	0.181	2.984	0.275	1711.0	2011-08-27 23:40:00

14VO-MA-001_14VO-14-002	14VO-MA-001	14VO-14-002	0.180	41.49	0.112	1.180	0.622	1016.4	2011-08-24
14VO-MA-001B_14VO-MA-001	14VO-MA-001B	14VO-MA-001	0.123	44.81	0.111	1.128	0.902	1019.6	2011-08-24
B10-MH_H1-OB-122A	B10-MH	H1-OB-122A	0.867	0.83	0.496	3.247	0.573	1653.9	2011-08-24
B10-STOR-A_B10-MH	B10-STOR-A	B10-MH	0.718	0.72	0.496	2.697	0.691	1658.3	2011-08-24
BASF-FM	BASF-FM	BASF-OF	0.000	0.49	0.128	0.811		4403.2	2011-08-24
Dummy_H5Weir	Node_89	Dummy_H5Weir	0.000	3.00	0.000	0.005		0.0	2011-08-24
DUMMY-B10	DUMMY-B10	B10-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-BASF	DUMMY-BASF	BASF-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-BASF-2	DUMMY-BASF-2	BASF-WW	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-CLA-PS	CLA-PS-DUMMY	CLA-PS	0.000	-1.21	0.000	0.002		0.0	2011-08-24
DUMMY-HHA	DUMMY-HHA	HHA-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-HHA-2	DUMMY-HHA-2	HHA-WW	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-T10-MAD	T10-MAD	T10-MAD-WEIR-DUMMY	0.000	1.02	-0.089	1.713		22.1	2011-08-24
DUMMY-T11-MAD	T11-MAD	T11-MAD-WEIR-DUMMY	0.000	1.10	-0.111	1.429		16.2	2011-08-24
DUMMY-T15-MAD	T15-MAD	T15-MAD-WEIR-DUMMY	0.000	1.07	-0.016	1.029		27.8	2011-08-24
DUMMY-T16-MAD	T16-MAD	T16-MAD-WEIR-DUMMY	0.000	1.06	0.035	1.195		23.4	2011-08-24
DUMMY-T1-GAR	T1-GAR	T1-GAR-WEIR-DUMMY	0.000	1.46	0.002	0.923		27.4	2011-08-24
DUMMY-T1-HAR	T1-HAR	T1-HAR-WEIR-DUMMY	0.000	1.19	-0.055	1.391		49.9	2011-08-24
DUMMY-T2-4ST	T2-4ST	T2-4ST-WEIR-DUMMY	0.000	1.08	-0.051	1.407		48.1	2011-08-24
DUMMY-T2-5ST	T2-5ST	T2-5ST-WEIR-DUMMY	0.000	1.10	0.044	1.251		31.3	2011-08-24
DUMMY-T2-6ST	T2-6ST	T2-6ST-WEIR-DUMMY	0.000	1.07	-0.050	1.294		29.1	2011-08-24
DUMMY-T2-7ST	T2-7ST	T2-7ST-WEIR-DUMMY	0.000	1.19	-0.036	1.040		2.1	2011-08-24
DUMMY-T2-BLM	T2-BLM	T2-BLM-WEIR-DUMMY	0.000	2.58	0.006	0.858		50.8	2011-08-24
DUMMY-T2-JAC	T2-JAC	T2-JAC-WEIR-DUMMY	0.000	1.18	-0.051	1.408		28.2	2011-08-24
DUMMY-T2-MON	T2-MON	T2-MON-WEIR-DUMMY	0.000	1.19	-0.068	1.506		41.6	2011-08-24
DUMMY-T3-4ST	T3-4ST	T3-4ST-WEIR-DUMMY	0.000	1.08	0.041	1.308		30.4	2011-08-24
DUMMY-T3-6ST	T3-6ST	T3-6ST-WEIR-DUMMY	0.000	1.07	-0.045	1.233		4.9	2011-08-24
DUMMY-T3-ADM	T3-ADM	T3-ADM-WEIR-DUMMY	0.000	1.20	0.036	1.206		20.2	2011-08-24
DUMMY-T3-GND	T3-GND	T3-GND-WEIR-DUMMY	0.000	1.19	0.004	0.974		-16.2	2011-08-24
DUMMY-T3-JAC	T3-JAC	T3-JAC-WEIR-DUMMY	0.000	1.08	-0.107	1.332		17.2	2011-08-24
DUMMY-T4-4ST	T4-4ST	T4-4ST-WEIR-DUMMY	0.000	0.93	-0.084	1.263		2.5	2011-08-24
DUMMY-T4-5ST	T4-5ST	T4-5ST-WEIR-DUMMY	0.000	1.03	-0.058	1.274		22.1	2011-08-24
DUMMY-T4-6ST	T4-6ST	T4-6ST-WEIR-DUMMY	0.000	1.00	-0.077	1.218		-18.8	2011-08-24
DUMMY-T4-GND	T4-GND	T4-GND-WEIR-DUMMY	0.000	1.18	0.035	1.102		26.6	2011-08-24
DUMMY-T5-5ST	T5-5ST	T5-5ST-WEIR-DUMMY	0.000	0.95	-0.059	1.232		49.1	2011-08-24
DUMMY-T5-9ST	T5-9ST	T5-9ST-WEIR-DUMMY	0.000	1.19	-0.035	1.039		12.0	2011-08-24
DUMMY-T5-GND	T5-GND	T5-GND-WEIR-DUMMY	0.000	1.10	0.052	1.169		29.4	2011-08-24
DUMMY-T5-JAC	T5-JAC	T5-JAC-WEIR-DUMMY	0.000	0.90	-0.108	1.373		44.2	2011-08-24
DUMMY-T5-JEF	T5-JEF	T5-JEF-WEIR-DUMMY	0.000	1.20	-0.030	1.073		17.8	2011-08-24
DUMMY-T6-4ST	T6-4ST	T6-4ST-WEIR-DUMMY	0.000	0.95	-0.054	1.339		63.6	2011-08-24
DUMMY-T6-5ST	T6-5ST	T6-5ST-WEIR-DUMMY	0.000	1.00	-0.062	1.164		-5.4	2011-08-24
DUMMY-T6-ADM	T6-ADM	T6-ADM-WEIR-DUMMY	0.000	1.19	0.034	1.156		70.7	2011-08-24
DUMMY-T6-GND	T6-GND	T6-GND-WEIR-DUMMY	0.000	1.10	0.042	1.171		38.9	2011-08-24
DUMMY-T6-JEF	T6-JEF	T6-JEF-WEIR-DUMMY	0.000	1.20	0.056	1.196		55.2	2011-08-24
DUMMY-T6-MON	T6-MON	T6-MON-WEIR-DUMMY	0.000	1.13	-0.066	1.227		43.1	2011-08-24
DUMMY-T7-5ST	T7-5ST	T7-5ST-WEIR-DUMMY	0.000	0.95	-0.057	1.228		-24.4	2011-08-24

DUMMY-T7-MON	T7-MON	T7-MON-WEIR-DUMMY	0.000	1.01	-0.067	1.242		27.4	2011-08-24
DUMMY-T8-ADM	T8-ADM	T8-ADM-WEIR-DUMMY	0.000	1.10	0.044	1.221		95.3	2011-08-24
DUMMY-T8-MAD	T8-MAD	T8-MAD-WEIR-DUMMY	0.000	1.18	-0.056	1.475		20.6	2011-08-24
DUMMY-T9-ADM	T9-ADM	T9-ADM-WEIR-DUMMY	0.000	0.98	-0.082	1.287		84.7	2011-08-24
DUMMY-T9-MAD	T9-MAD	T9-MAD-WEIR-DUMMY	0.000	1.18	0.058	1.336		22.9	2011-08-24
DUMMY-TD12-13ST	TD12-13ST	Node_378	0.000	1.19	-0.020	0.938		1.4	2011-08-24
DUMMY-TD14-CLA	TD14-CLA	TD14-CLA-WEIR-DUMMY	0.000	1.07	0.050	1.254		24.8	2011-08-24
DUMMY-TD1-4ST	TD1-4ST	TD1-4ST-WEIR-DUMMY	0.000	1.08	-0.053	1.441		12.3	2011-08-24
DUMMY-TD1-WIL	TD1-WIL	TD1-WIL-WEIR-DUMMY	0.000	1.10	0.055	1.232		26.5	2011-08-24
DUMMY-TD23-CLA	TD23-CLA	TD23-CLA-WEIR-DUMMY	0.000	1.13	0.052	1.187		35.1	2011-08-24
DUMMY-TD25-WIL	TD25-WIL	TD25-WIL-WEIR-DUMMY	0.000	1.24	0.058	1.258		64.6	2011-08-24
DUMMY-TD30-CLA	TD30-CLA	TD30-CLA-WEIR-DUMMY	0.000	1.23	-0.023	1.020		24.4	2011-08-24
DUMMY-TD31-CLA	TD31-CLA	TD31-CLA-WEIR-DUMMY	0.000	1.97	0.002	0.871		23.5	2011-08-24
DUMMY-TD6-WIL	TD6-WIL	TD6-WIL-WEIR-DUMMY	0.000	1.11	0.048	1.186		26.4	2011-08-24
H1 REGULATOR_H2-INT-001A	H1-IC	H2-INT-001A	1.155	0.84	-0.358	2.513	-0.310	-7616.6	2011-08-24
H1_Outfall	H1-OB-008	H1	0.000	0.41	3.614	1.575		91497.3	2011-08-24
H1-01-005_H1-01-021	H1-01-005	H1-01-021	0.000	0.93	-0.058	2.057		79.1	2011-08-24
H1-01-006_H1-01-006A	H1-01-006	H1-01-006A	1.471	1.06	0.062	1.898	0.042	818.1	2011-08-24
H1-01-006A_H1-01-010	H1-01-006A	H1-01-010	0.366	1.04	0.247	1.904	0.674	4882.8	2011-08-24
H1-01-007_H1-01-006	H1-01-007	H1-01-006	2.782	1.06	0.007	2.097	0.003	79.0	2011-08-24
H1-01-010_H1-WI-019	H1-01-010	H1-WI-019	3.185	1.00	0.668	2.115	0.210	19434.3	2011-08-24
H1-01-021_H1-GA-018	H1-01-021	H1-GA-018	1.018	0.91	0.583	2.141	0.573	11786.4	2011-08-24
H1-01-029_H1-01-010	H1-01-029	H1-01-010	0.588	1.03	0.298	2.313	0.506	7084.3	2011-08-24
H1-01-033_H1-01-029	H1-01-033	H1-01-029	1.529	1.03	0.283	2.402	0.185	6885.4	2011-08-24
H1-01-033_H1-NE-011	H1-01-033	H1-NE-011	0.411	1.03	0.278	3.358	0.677	7782.3	2011-08-24
H1-01-034_H1-01-033	H1-01-034	H1-01-033	3.906	1.03	0.193	2.582	0.049	3273.4	2011-08-24
H1-01-075_H1-01-034	H1-01-075	H1-01-034	1.640	1.03	0.194	2.493	0.118	3327.6	2011-08-24
H1-01-075_H1-NE-014A	H1-01-075	H1-NE-014A	0.078	1.02	0.148	2.433	1.905	3633.6	2011-08-24
H1-01-077_H1-01-075	H1-01-077	H1-01-075	2.019	1.03	0.258	2.417	0.128	5600.7	2011-08-24
H1-01-080_H1-01-077	H1-01-080	H1-01-077	1.312	1.03	0.259	3.000	0.197	5636.0	2011-08-24
H1-01-080_H1-NE-020	H1-01-080	H1-NE-020	0.601	1.01	0.568	2.238	0.944	19938.5	2011-08-24
H1-01-081_H1-01-080	H1-01-081	H1-01-080	0.359	1.03	0.457	2.993	1.273	14221.5	2011-08-24
H1-01-085_H1-01-081	H1-01-085	H1-01-081	1.878	1.03	0.458	2.556	0.244	14270.0	2011-08-24
H1-01-085_H1-MA-010	H1-01-085	H1-MA-010	0.686	1.03	0.169	2.713	0.246	4150.3	2011-08-24
H1-01-089_H1-01-085	H1-01-089	H1-01-085	1.577	1.03	0.609	2.549	0.386	15719.6	2011-08-24
H1-01-089_H1-OB-116	H1-01-089	H1-OB-116	0.947	1.02	0.241	2.972	0.255	1596.0	2011-08-24
H1-01-100_H1-01-089	H1-01-100	H1-01-089	0.000	1.02	0.622	2.540		15523.3	2011-08-24
H1-01-100_H1-JA-022	H1-01-100	H1-JA-022	0.837	1.01	0.275	2.735	0.329	1285.6	2011-08-24
H1-01-104_H1-01-100	H1-01-104	H1-01-100	1.623	1.01	0.692	2.667	0.426	13543.9	2011-08-24
H1-01-110_H1-01-104	H1-01-110	H1-01-104	2.796	1.01	0.692	2.719	0.248	12681.8	2011-08-24
H1-01-115_H1-01-110	H1-01-115	H1-01-110	1.170	1.03	0.532	2.863	0.455	10195.4	2011-08-24
H1-01-116_H1-01-115	H1-01-116	H1-01-115	1.356	1.06	0.493	2.493	0.363	11577.6	2011-08-24
H1-01-117_H1-01-116	H1-01-117	H1-01-116	0.451	1.17	0.009	3.439	0.019	93.5	2011-08-24
H1-01-118_H1-01-117	H1-01-118	H1-01-116	0.046	1.28	0.024	6.602	0.511	290.0	2011-08-24
H1-02-038A_H1-WI-022	H1-02-038A	H1-WI-022	0.563	1.06	0.329	3.134	0.583	7030.5	2011-08-24
H1-03-001_H3-03-006	H1-03-001	H3-03-006	1.879	1.07	-0.442	1.854	-0.235	-6000.1	2011-08-24

H1-03-003A_H1-03-001	H1-03-003A	H1-03-001	4.038	1.07	-0.447	2.470	-0.111	-6219.8	2011-08-31
H1-03-060_H3-03-022	H1-03-060	H3-03-022	1.787	1.09	0.335	2.110	0.187	-3035.0	2011-08-31
H1-03-090_H1-03-060	H1-03-090	H1-03-060	1.237	1.10	-0.314	2.571	-0.254	-5637.8	2011-08-31
H1-03-090_H1-GR-022	H1-03-090	H1-GR-022	1.381	1.10	0.251	3.756	0.181	9934.0	2011-08-31
H1-03-140_H1-03-090	H1-03-140	H1-03-090	1.651	1.10	0.303	3.401	0.183	1013.0	2011-08-31
H1-03-170_H1-03-140	H1-03-170	H1-03-140	2.258	1.08	-0.386	1.957	-0.171	-2497.7	2011-08-31
H1-03-180_H1-03-170	H1-03-180	H1-03-170	2.657	1.07	-0.312	2.516	-0.117	-2459.6	2011-08-31
H1-03-200_H1-03-180	H1-03-200	H1-03-180	0.933	1.06	0.345	2.567	0.370	4219.2	2011-08-31
H1-03-200_H1-MA-027	H1-03-200	H1-MA-027	1.697	1.05	0.191	3.937	0.113	946.3	2011-08-31
H1-03-210_H1-03-200	H1-03-210	H1-03-200	1.256	1.06	0.219	2.499	0.175	2320.8	2011-08-31
H1-03-210_H1-MO-036	H1-03-210	H1-MO-036	1.484	1.06	0.219	3.172	0.148	388.5	2011-08-31
H1-07-013_H1-BL-091	H1-07-013	H1-BL-091	0.274	3.39	0.111	0.693	0.406	1221.9	2011-08-31
H1-08-011_H1-BL-093	H1-08-011	H1-BL-093	0.050	1.90	0.014	0.593	0.291	150.9	2011-08-31
H1-08-011A_H1-08-011	H1-08-011A	H1-08-011	0.000	1.91	0.002	0.502		-0.4	2011-08-31
H1-AD-026_H1-01-075	H1-AD-026	H1-01-075	0.000	1.03	0.041	2.725		447.7	2011-08-31
H1-AD-030_H1-03-140	H1-AD-030	H1-03-140	0.000	1.08	-0.051	3.138		186.6	2011-08-31
H1-AD-035_H1-03-140	H1-AD-035	H1-03-140	0.177	1.08	0.230	3.138	1.297	3244.8	2011-08-31
H1-AD-039_H1-AD-035	H1-AD-039	H1-AD-035	1.136	1.10	0.206	3.145	0.181	2741.2	2011-08-31
H1-AD-042_H1-AD-039	H1-AD-042	H1-AD-039	0.653	1.10	0.153	2.621	0.234	2079.6	2011-08-31
H1-AD-048_H1-AD-042	H1-AD-043	H1-AD-042	0.585	1.10	0.104	2.487	0.177	1465.0	2011-08-31
H1-AD-053_H1-AD-048	H1-AD-053	H1-AD-048	0.778	1.11	0.048	2.315	0.062	567.3	2011-08-31
H1-Alt-Grav1.2	H1-Alt-Grav1	OF-H1-V2	0.000	0.40	-0.014	2.071		-1.7	2011-08-31
H1-Alt-Grav2.1	H1-Alt-Grav2	OF-H1-V2	0.000	0.40	-0.033	2.071		5.8	2011-08-31
H1-BL-007_H1-BL-009	H1-BL-007	H1-BL-009	0.000	0.66	0.135	2.937		1817.6	2011-08-31
H1-BL-009_H1-OB-010	H1-BL-009	H1-OB-010	3.875	0.58	3.502	1.995	0.904	90413.3	2011-08-31
H1-BL-016_H1-BL-009	H1-BL-016	H1-BL-009	1.531	0.83	0.665	2.346	0.434	7656.0	2011-08-31
H1-BL-017_H1-BL-016	H1-BL-017	H1-BL-016	0.800	0.88	0.601	1.394	0.751	6904.7	2011-08-31
H1-BL-024_H1-BL-017	H1-BL-024	H1-BL-017	0.949	0.98	0.564	1.360	0.595	6466.9	2011-08-31
H1-BL-030_H1-BL-024	H1-BL-030	H1-BL-024	0.634	1.07	0.505	1.131	0.795	5453.3	2011-08-31
H1-BL-037_H1-BL-030	H1-BL-037	H1-BL-030	0.941	1.14	0.489	1.043	0.519	5466.6	2011-08-31
H1-BL-039_H1-BL-037	H1-BL-039	H1-BL-037	1.111	1.31	0.419	0.710	0.377	4581.8	2011-08-31
H1-BL-090C_H1-BL-090B	H1-BL-090C	H1-BL-090B	0.000	2.71	-0.029	7.490		-322.7	2011-08-31
H1-BL-090E_H1-BL-039	H1-BL-090E	H1-BL-039	0.825	1.53	0.366	0.458	0.444	3958.2	2011-08-31
H1-BL-090E_H1-BL-090	H1-BL-090E	H1-BL-090	0.059	1.61	-0.251	1.057	-4.245	-2732.9	2011-08-31
H1-BL-090E_H1-BL-090C	H1-BL-090E	H1-BL-090C	0.000	1.66	-0.047	1.543		-522.8	2011-08-31
H1-BL-091_H1-BL-090	H1-BL-091	H1-BL-090	0.299	1.72	0.244	0.264	0.815	2664.2	2011-08-31
H1-BL-093_H1-BL-091	H1-BL-093	H1-BL-091	0.702	1.85	0.092	0.347	0.131	1001.1	2011-08-31
H1-BL-095_H1-BL-093	H1-BL-095	H1-BL-093	0.137	2.11	0.024	0.474	0.179	269.6	2011-08-31
H1-CL-014_H1-NE-007	H1-CL-014	H1-NE-007	1.318	0.99	0.030	4.544	0.023	318.8	2011-08-31
H1-CL-015_H1-CL-023	H1-CL-015	H1-CL-023	1.872	1.09	0.046	2.668	0.024	-79.8	2011-08-31
H1-CL-023_H1-03-060	H1-CL-023	H1-03-060	0.916	1.09	0.188	3.455	0.206	576.6	2011-08-31
H1-CL-036_H1-03-060	H1-CL-036	H1-03-060	1.251	1.09	0.190	3.087	0.152	1197.4	2011-08-31
H1-GA-017_H1-OB-031	H1-GA-012	H1-OB-031	1.135	0.79	0.612	1.666	0.539	12499.9	2011-08-31
H1-GA-018_H1-GA-017	H1-GA-018	H1-GA-017	3.229	0.87	0.583	1.533	0.181	11779.6	2011-08-31
H1-GR-022_H1-01-033	H1-GR-022	H1-01-033	0.710	1.06	0.271	3.698	0.382	10713.5	2011-08-31

H1-GR-027_H1-03-090	H1-GR-027	H1-03-090	2.875	1.10	0.207	4.000	0.072	2534.1	2011-08-24
H1-GR-033_H1-GR-027	H1-GR-033	H1-GR-027	1.283	1.10	0.208	2.551	0.162	2567.4	2011-08-24
H1-GR-037_H1-GR-033	H1-GR-037	H1-GR-033	0.855	1.11	0.166	2.110	0.194	1894.9	2011-08-24
H1-GR-038_H1-GR-037	H1-GR-038	H1-GR-037	0.988	1.11	0.119	2.352	0.121	773.6	2011-08-24
H1-GR-054_H1-GR-047	H1-GR-054	H1-GR-046	1.224	1.11	0.070	3.117	0.057	551.3	2011-08-24
H1-HA-130_H1-HA-132	PR_DH_MH1	H1-HA-132	0.796	1.01	0.064	2.437	0.080	117.3	2011-08-24
H1-HA-132_H1-01-110	H1-HA-132	H1-01-110	0.848	1.01	0.089	3.591	0.105	471.0	2011-08-24
H1-HA-132A_H1-HA-132	H1-HA-132A	H1-HA-132	0.000	1.03	0.012	4.614		137.3	2011-08-24
H1-HA-135_H1-01-110	H1-HA-135	H1-01-110	0.000	1.07	0.074	3.259		990.5	2011-08-24
H1-HA-136_H1-HA-138	H1-HA-136	H1-HA-138	0.039	1.05	0.024	7.104	0.611	270.6	2011-08-24
H1-HA-138_H1-HA-139	H1-HA-138	H1-HA-139	0.084	0.99	0.025	3.640	0.295	347.8	2011-08-24
H1-HA-138A_H1-HA-138	H1-HA-138A	H1-HA-138	0.127	0.99	0.001	4.108	0.012	80.1	2011-08-24
H1-HA-138B_H1-HA-138A	H1-HA-138B	H1-HA-138A	0.000	0.99	0.001	4.569		80.1	2011-08-24
H1-HA-139_H1-HA-140	H1-HA-139	H1-HA-140	0.037	0.97	0.026	5.513	0.705	434.2	2011-08-24
H1-HA-139A_H1-HA-139	H1-HA-139A	H1-HA-139	0.226	0.97	0.001	3.640	0.006	58.0	2011-08-24
H1-HA-140_H1-HA-141	H1-HA-140	H1-HA-141	0.189	0.95	0.026	3.801	0.140	480.4	2011-08-24
H1-HA-140A_H1-HA-140	H1-HA-140A	H1-HA-140	0.130	0.95	-0.004	3.534	-0.031	51.4	2011-08-24
H1-HA-140B_H1-HA-140A	H1-HA-140B	H1-HA-140A	0.072	0.95	0.000	5.603	-0.002	0.1	2011-08-24
H1-HA-140C_H1-HA-140A	H1-HA-140C	H1-HA-140A	0.026	0.95	0.001	5.603	0.052	51.5	2011-08-24
H1-HA-141_H1-JA-043	H1-HA-141	H1-JA-043	0.506	0.95	0.039	5.694	0.077	528.0	2011-08-24
H1-HU-001_H1-HU-002	H1-HU-001	H1-HU-002	0.058	7.70	0.037	0.564	0.633	394.2	2011-08-24
H1-HU-002_H1-07-013	H1-HU-002	H1-07-013	0.379	7.51	0.062	0.888	0.165	667.9	2011-08-24
H1-HU-003_H1-HU-002	H1-HU-003	H1-HU-002	0.000	7.62	0.015	0.565		153.6	2011-08-24
H1-JA-021_H1-OB-121	H1-JA-021	H1-OB-121	1.035	1.01	0.278	2.965	0.269	1448.9	2011-08-24
H1-JA-022_H1-JA-021	H1-JA-022	H1-JA-021	1.833	1.01	0.275	2.179	0.150	1250.9	2011-08-24
H1-JA-034_H1-01-100	MH-T2-2STB	H1-01-100	1.689	1.01	0.241	4.629	0.143	2623.1	2011-08-24
H1-JA-037B_H1-JA-034	H1-JA-037B	H1-JA-034	1.219	0.99	-0.247	5.276	-0.202	1999.3	2011-08-24
H1-JA-043_H1-JA-037B	H1-JA-043	H1-JA-037B	1.031	0.96	-0.240	4.327	-0.233	1829.0	2011-08-24
H1-JA-046_H1-JA-043	H1-JA-046	H1-JA-043	3.074	0.95	-0.100	3.929	-0.032	1172.5	2011-08-24
H1-JE-026A_H1-01-080	H1-JE-026A	H1-JE-023	0.107	1.04	0.367	1.670	3.444	10586.8	2011-08-24
H1-JE-031_H1-03-180	H1-JE-031	H1-03-180	1.018	1.05	-0.396	1.920	-0.389	-9975.1	2011-08-24
H1-JE-031_H1-JE-026A	H1-JE-031	H1-JE-026A	1.570	1.05	0.331	2.473	0.211	9872.7	2011-08-24
H1-JE-032_H1-03-180	H1-JE-032	H1-03-180	5.104	1.06	0.189	1.926	0.037	2523.8	2011-08-24
H1-JE-037_H1-JE-032	H1-JE-037	H1-JE-032	0.842	1.08	0.202	2.807	0.239	2582.3	2011-08-24
H1-JE-044_H1-JE-037	H1-JE-044	H1-JE-037	0.846	1.09	0.135	2.137	0.160	1900.4	2011-08-24
H1-JE-050_H1-JE-044	H1-JE-050	H1-JE-044	0.679	1.09	0.089	1.984	0.131	1306.1	2011-08-24
H1-JE-055_H1-JE-050	H1-JE-055	H1-JE-050	0.806	1.09	0.047	2.610	0.059	528.0	2011-08-24
H1-Junction1.1	H1-Junction1	OF-H1-V2	0.475	0.40	0.013	2.088	0.028	-0.1	2011-08-24
H1-Junction2.1	H1-Junction2	OF-H1-V2	0.475	0.40	0.013	2.088	0.028	-0.1	2011-08-24
H1-MA-010_H1-OB-100	H1-MA-010	H1-OB-100	0.999	1.01	0.161	3.646	0.161	4124.0	2011-08-24
H1-MA-027_H1-01-085	H1-MA-027	H1-01-085	1.355	1.04	0.244	2.450	0.180	1790.1	2011-08-24
H1-MA-038_H1-03-200	H1-MA-038	H1-03-200	1.462	1.07	-0.155	4.903	-0.106	2249.9	2011-08-24
H1-MA-041_H1-MA-038	H1-MA-041	H1-MA-038	1.570	1.07	0.165	3.959	0.105	1772.6	2011-08-24
H1-MA-048_H1-MA-041	H1-MA-044	H1-MA-041	0.530	1.07	0.100	3.149	0.189	1266.9	2011-08-24
H1-MA-054_H1-MA-048	H1-MA-054	H1-MA-048	0.566	1.07	0.050	3.015	0.088	522.5	2011-08-24
H1-MO-010_H1-NE-030	H1-MO-010	H1-NE-030	3.429	1.01	0.167	1.948	0.049	1524.1	2011-08-24

H1-MO-033_H1-01-089	H1-MO-033	H1-01-089	0.845	1.04	0.285	2.196	0.337	1065.0	2011-08-21
H1-MO-036_H1-MO-033	H1-MO-036	H1-MO-033	0.737	1.05	0.219	2.928	0.297	359.3	2011-08-21
H1-MO-043_H1-03-210	H1-MO-043	H1-03-210	0.847	1.06	0.156	4.397	0.184	1958.6	2011-08-21
H1-MO-044_H1-MO-043	H1-MO-044	H1-MO-043	1.862	1.07	-0.141	5.192	-0.076	1344.2	2011-08-21
H1-MO-047_H1-MO-044	H1-MO-047	H1-MO-044	5.079	1.07	-0.141	2.655	-0.028	1430.2	2011-08-21
H1-MO-057_H1-MO-047	H1-MO-057	H1-MO-047	1.102	1.07	0.087	3.004	0.079	1012.8	2011-08-21
H1-MO-062_H1-MO-057	H1-MO-062	H1-MO-057	0.771	1.07	0.043	3.863	0.056	563.6	2011-08-21
H1-NE-002_H1-PA-015	H1-NE-002	H1-PA-015	0.000	0.81	0.005	1.720		-12.5	2011-08-21
H1-NE-003_H1-WI-011	H1-NE-003	H1-WI-011	2.015	0.96	0.860	2.331	0.427	25269.1	2011-08-21
H1-NE-007_H1-NE-003	H1-NE-007	H1-NE-003	1.403	0.98	0.231	2.368	0.165	5443.2	2011-08-21
H1-NE-011_H1-NE-007	H1-NE-011	H1-NE-007	0.410	1.00	0.181	2.999	0.440	4901.4	2011-08-21
H1-NE-011_H1-NE-014A	H1-NE-011	H1-NE-014A	0.306	1.00	0.174	2.401	0.568	3878.2	2011-08-21
H1-NE-014A_H1-NE-017	H1-NE-014A	H1-NE-017	2.443	0.98	0.349	1.818	0.143	7840.6	2011-08-21
H1-NE-017_H1-NE-019	H1-NE-017	H1-NE-019	5.055	0.98	0.349	2.179	0.069	7801.0	2011-08-21
H1-NE-019_H1-NE-020	H1-NE-019	H1-NE-020	2.933	0.97	0.349	1.323	0.119	7766.9	2011-08-21
H1-NE-020_H1-OB-090	H1-NE-020	H1-OB-090	4.253	0.95	1.136	2.186	0.267	36787.7	2011-08-21
H1-NE-021_H1-OB-091	H1-NE-021	H1-OB-091	1.305	0.96	0.175	2.512	0.134	4833.4	2011-08-21
H1-NE-026_H1-NE-021	H1-NE-026	H1-NE-021	0.588	0.98	0.173	2.212	0.295	4726.3	2011-08-21
H1-NE-029A_H1-NE-026	H1-NE-029A	H1-NE-026	0.735	0.99	0.166	1.982	0.226	4211.7	2011-08-21
H1-NE-030_H1-NE-029A	H1-NE-030	MH-T6-NEW	0.604	1.00	0.159	2.880	0.264	4101.4	2011-08-21
H1-NE-031_H1-NE-030	H1-NE-031	H1-NE-030	2.717	1.01	0.184	1.623	0.068	2586.0	2011-08-21
H1-NE-040_H1-NE-031	H1-NE-040	H1-NE-031	0.421	1.01	0.178	1.778	0.424	2420.2	2011-08-21
H1-NE-047_H1-NE-040	H1-NE-047	H1-NE-040	0.123	1.01	0.020	2.568	0.161	154.7	2011-08-21
H1-OB-001_H1-OB-010	H1-OB-001	H1-OB-010	0.000	0.53	0.012	7.689		138.8	2011-08-21
H1-OB-010_H1-OB-008	H1-OB-010	H1-OB-008	8.196	0.46	3.575	1.811	0.436	91104.4	2011-08-21
H1-OB-031_H1-BL-009	H1-OB-031	H1-BL-009	1.701	0.72	2.732	2.116	1.606	80826.0	2011-08-21
H1-OB-050_H1-OB-031	H1-OB-050	H1-OB-031	4.392	0.79	2.178	2.148	0.496	68282.0	2011-08-21
H1-OB-050_H1-OB-050A	H1-OB-050	H1-OB-050A	0.000	0.81	-0.011	1.482		3.0	2011-08-21
H1-OB-071_H1-OB-050	H1-OB-071	H1-OB-050	3.011	0.84	2.146	2.142	0.713	67492.6	2011-08-21
H1-OB-072_H1-OB-071	H1-OB-072	H1-OB-071	13.803	0.87	2.152	2.159	0.156	67638.2	2011-08-21
H1-OB-077_H1-OB-072	H1-OB-077	H1-OB-072	2.989	0.91	1.251	2.122	0.418	41643.8	2011-08-21
H1-OB-090_H1-OB-077	H1-OB-090	H1-OB-080A	1.172	0.94	1.227	2.180	1.046	41437.9	2011-08-21
H1-OB-091_H1-OB-090	H1-OB-091	H1-OB-090	0.617	0.95	0.176	2.555	0.286	4905.2	2011-08-21
H1-OB-095_H1-NE-020	H1-OB-095	H1-NE-020	1.512	0.98	0.293	4.310	0.194	9141.3	2011-08-21
H1-OB-100_H1-OB-095	H1-OB-100	H1-OB-095	8.108	1.01	0.312	1.380	0.038	8918.0	2011-08-21
H1-OB-101_H1-OB-100	MH-T5-OBS	H1-OB-100	0.357	1.01	0.177	3.208	0.495	4454.9	2011-08-21
H1-OB-116_H1-MO-010	H1-OB-116	H1-MO-010	1.228	1.01	0.159	2.600	0.130	1454.7	2011-08-21
H1-OB-116_H1-OB-101	H1-OB-116	H1-OB-101	0.811	1.01	0.187	2.296	0.231	4366.0	2011-08-21
H1-OB-117_H1-OB-116	H1-OB-117	H1-OB-116	2.455	1.01	0.212	2.177	0.086	3887.8	2011-08-21
H1-OB-121_H1-OB-117	H1-OB-121	H1-OB-117	1.679	1.01	0.207	3.493	0.124	3531.1	2011-08-21
H1-OB-121A_H1-OB-121	H1-OB-121A	H1-OB-121	0.108	1.01	-0.013	6.365	-0.120	27.1	2011-08-21
H1-OB-122_H1-NE-040	H1-OB-122	H1-NE-040	0.676	1.00	0.168	1.361	0.248	1706.2	2011-08-21
H1-OB-122_H1-OB-121	H1-OB-122	H1-OB-121	8.080	1.00	0.397	2.119	0.049	1337.8	2011-08-21
H1-OB-122A_H1-OB-122	MH-T7-OBS	H1-OB-122	1.169	0.99	0.502	2.526	0.430	2843.0	2011-08-21
H1-OB-122B_H1-OB-122A	H1-OB-122B	H1-OB-122A	2.381	0.97	0.065	1.843	0.027	326.5	2011-08-21
H1-OB-122C_H1-OB-122A	H1-OB-122C	H1-OB-122A	0.000	0.97	0.025	1.843		323.8	2011-08-21

H1-OB-123_H1-HA-130	H1-OB-123	H1-HA-130	0.497	1.01	0.064	2.634	0.130	118.5	2011-08-24
H1-OB-125_H1-OB-123	H1-OB-125	H1-OB-123	0.046	1.40	0.072	6.213	1.576	884.1	2011-08-24
H1-OB-127_H1-OB-125	H1-OB-127	H1-OB-125	0.000	1.54	0.079	2.156		889.3	2011-08-24
H1-PA-015_H1-OB-050	H1-PA-015	H1-OB-050	1.425	0.81	0.064	2.066	0.045	720.1	2011-08-24
H1-PA-017_H1-01-006	H1-PA-017	H1-01-006	2.274	1.06	0.021	3.413	0.009	246.6	2011-08-24
H1-PA-017_H1-01-006A	H1-PA-017	H1-01-006A	4.736	1.06	0.185	2.299	0.039	4080.3	2011-08-24
H1-PA-020A_H1-OB-117	H1-PA-020A	H1-OB-117	0.000	1.01	0.010	4.976		112.3	2011-08-24
H1-PA-024_H1-PA-017	H1-PA-024	H1-PA-017	0.622	1.08	0.199	3.655	0.320	4360.6	2011-08-24
H1-PA-030_H1-PA-050	H1-PA-030	H1-PA-050	0.048	1.02	-0.014	5.458	-0.285	-71.8	2011-08-24
H1-PA-050_H1-01-115	H1-PA-050	H1-01-115	0.467	1.02	-0.212	2.484	-0.453	-989.2	2011-08-24
H1-PA-050A_H1-PA-050	H1-PA-050A	H1-PA-050	0.000	1.02	-0.160	2.426		-314.0	2011-08-24
H1-PA-060_H1-01-116	H1-PA-060	H1-01-116	0.341	1.17	0.014	5.720	0.041	98.8	2011-08-24
H1-PA-061_H1-01-117	H1-PA-061	H1-01-116	0.295	1.64	0.465	3.961	1.580	10980.8	2011-08-24
H1-PA-062_H1-PA-061	H1-PA-062	H1-PA-061	0.000	3.99	0.466	9.105		11191.2	2011-08-24
H1-WA-011_H1-07-013	H1-WA-011	H1-07-013	0.000	3.57	0.009	1.130		96.1	2011-08-24
H1-WI-011_H1-OB-072	H1-WI-011	H1-OB-072	1.444	0.90	0.857	2.328	0.593	25215.8	2011-08-24
H1-WI-019_H1-NE-003	H1-WI-019	H1-NE-003	2.465	0.98	0.649	2.029	0.263	19420.8	2011-08-24
H1-WI-022_H1-01-010	H1-WI-022	H1-01-010	3.370	1.03	0.329	1.632	0.097	7001.8	2011-08-24
H1-WW.2	H1-WW	H1-Alt-Grav2	0.000	0.40	-0.040	2.071		5.8	2011-08-24
H1-WW.4	H1-WW	H1-Alt-Grav1	0.000	0.40	-0.022	2.071		-1.6	2011-08-24
H2 REGULATOR_H2-INT-009A	H2 REGULATOR	H2-INT-009A	4.043	0.96	-0.277	3.064	-0.069	-3748.4	2011-08-24
H2-01-001_H2-01-002	H2-01-001	H2-01-002	0.150	4.99	0.144	9.429	0.959	1951.4	2011-08-24
H2-01-001A_H2-01-001	H2-01-001A	H2-01-001	0.000	5.45	0.059	10.562		717.9	2011-08-24
H2-01-002_H2-RI-004	H2-01-002	H2-RI-004	0.141	3.66	0.146	9.654	1.037	2161.9	2011-08-24
H2-01-003_H2-NE-010B	H2-01-003	H2-NE-010B	1.273	1.48	0.213	2.817	0.167	3340.8	2011-08-24
H2-02-003_H2-RI-005	H2-02-003	H2-RI-005	0.000	2.46	0.030	10.167		403.2	2011-08-24
H2-05-001_H2-WA-007	H2-05-001	H2-WA-007	0.000	3.50	0.028	0.998		325.7	2011-08-24
H2-05-002_H2-05-001	H2-05-002	H2-05-001	0.000	3.52	0.005	1.082		53.5	2011-08-24
H2-06-003_H2-WA-009	H2-06-003	H2-WA-009	0.110	5.89	0.081	0.719	0.736	942.0	2011-08-24
H2-06-004_H2-06-003	H2-06-004	H2-06-003	0.000	6.19	0.024	1.814		274.9	2011-08-24
H2-CO-003_H2-01-001	H2-CO-003	H2-01-001	0.000	5.47	0.044	10.640		563.7	2011-08-24
H2-CO-004AA_H2-CO-003	H2-CO-004AA	H2-CO-003	0.000	5.58	0.025	10.986		339.3	2011-08-24
H2-HP-001A_H2-HP-004	H2-HP-001A	H2-HP-004	0.077	2.01	0.068	6.112	0.882	1048.4	2011-08-24
H2-HP-004_H2-RI-009	H2-HP-004	H2-RI-009	0.133	1.70	0.116	4.782	0.871	1774.8	2011-08-24
H2-HP-008A_H2-HP-004	H2-HP-008A	H2-HP-004	0.112	1.90	0.032	6.112	0.287	358.8	2011-08-24
H2-INT-001_H2-INT-002	H2-INT-001	H2-INT-002	5.406	0.86	-0.358	2.747	-0.066	-7670.1	2011-08-24
H2-INT-001A_H2-INT-001	H2-INT-001A	H2-INT-001	0.848	0.85	-0.358	2.525	-0.423	-7648.8	2011-08-24
H2-INT-002_H2-INT-003	H2-INT-002	H2-INT-003	0.000	0.88	-0.359	1.098		-7676.4	2011-08-24
H2-INT-003_H2-INT-004	H2-INT-003	H2-INT-004	9.060	0.88	-0.359	2.617	-0.040	-7675.1	2011-08-24
H2-INT-004_H2-INT-005	H2-INT-004	H2-INT-005	3.968	0.90	-0.360	2.778	-0.091	-7697.5	2011-08-24
H2-INT-005_H2-INT-006	H2-INT-005	H2-INT-006	5.087	0.92	-0.360	2.612	-0.071	-7709.3	2011-08-24
H2-INT-006_H2-INT-007	H2-INT-006	H2-INT-007	5.496	0.93	-0.360	2.900	-0.066	-7764.1	2011-08-24
H2-INT-007_H2 REGULATOR	H2-INT-007	H2 REGULATOR	2.773	0.94	-0.277	3.371	-0.100	-3642.0	2011-08-24
H2-INT-009_H2-INT-010	H2-INT-009	H2-INT-010	0.908	0.98	-0.278	3.005	-0.306	-3947.6	2011-08-24
H2-INT-009A_H2-INT-009	H2-INT-009A	H2-INT-009	0.853	0.97	-0.278	3.070	-0.325	-3903.5	2011-08-24

H2-INT-010_H3-INT-001	H2-INT-010	H3-INT-001	3.060	0.98	-0.278	3.408	-0.091	-3981.2	2011-08-24
H2-NE-004_H2-NE-005	H2-NE-004	H2-NE-005	1.157	1.51	-0.299	3.636	-0.258	-3533.8	2011-08-24
H2-NE-004_H2-NE-010	H2-NE-004	H2-NE-010	1.554	1.49	0.354	3.235	0.228	4199.0	2011-08-24
H2-NE-005_H2-NE-007	H2-NE-005	H2-NE-007	1.314	1.53	-0.290	3.471	-0.221	-3479.8	2011-08-24
H2-NE-007_H2-WA-001	H2-NE-007	H2-WA-001	1.348	1.55	-0.280	3.267	-0.208	-3406.6	2011-08-24
H2-NE-010B_H2-NE-010	H2-NE-010B	H2-NE-010	2.316	1.47	0.212	3.235	0.092	3310.5	2011-08-24
H2-NE-013_H2-RI-009	H2-NE-013	H2-RI-009	0.150	1.52	0.026	13.712	0.171	334.2	2011-08-24
H2-NE-020.1	H2-NE-020	H2	0.852	1.29	-0.003	4.424	-0.003	-31.3	2011-08-24
H2-OF.1	H2-NE-010	H2	0.383	1.41	0.770	3.162	2.010	10222.2	2011-08-24
H2-RI-004_H2-01-003	H2-RI-004	H2-01-003	0.096	2.09	0.198	7.537	2.063	3180.2	2011-08-24
H2-RI-005_H2-RI-004	H2-RI-005	H2-RI-004	0.000	2.36	0.061	7.852		815.9	2011-08-24
H2-RI-009_H2-NE-010	H2-RI-009	H2-NE-010	3.135	1.47	0.174	2.696	0.055	2495.3	2011-08-24
H2-WA-0000_H1-BL-090	H2-WA-0000	H1-BL-090	0.148	3.11	0.008	0.312	0.053	87.6	2011-08-24
H2-WA-001_H2-WA-003	H2-WA-001	H2-WA-003	2.033	1.57	-0.264	2.984	-0.130	-3039.7	2011-08-24
H2-WA-003_H2-WA-004	H2-WA-003	H2-WA-004	1.531	1.57	-0.218	1.137	-0.142	-2688.9	2011-08-24
H2-WA-004_H2-03-020	H2-WA-004	H2-03-020	0.553	1.88	-0.216	0.671	-0.391	-2647.8	2011-08-24
H2-WA-005A_H2-03-020	H2-WA-005A	H2-03-020	1.270	2.99	0.191	0.220	0.151	2285.2	2011-08-24
H2-WA-007_H2-WA-005A	H2-WA-007	H2-WA-005A	1.393	3.39	0.168	0.220	0.121	1977.2	2011-08-24
H2-WA-009_H2-WA-007	H2-WA-009	H2-WA-007	1.840	4.46	0.117	0.204	0.064	1383.3	2011-08-24
H2-WA-010_H2-WA-009	H2-WA-010	H2-WA-009	0.120	4.83	0.018	0.599	0.154	213.9	2011-08-24
H2-WA-011_H2-WA-010	H2-WA-011	H2-WA-010	0.065	4.93	0.013	0.571	0.193	148.1	2011-08-24
H2-WA-012_H2-WA-011	H2-WA-012	H2-WA-011	0.069	5.14	0.012	0.496	0.180	143.1	2011-08-24
H2-WA-013_H2-WA-0000	H2-WA-013	H2-WA-0000	0.190	5.21	0.008	0.312	0.041	87.7	2011-08-24
H2-WW.1	H2-WW	H2-OF	0.000	1.20	0.685	2.285		5861.4	2011-08-24
H3-02-001_H3-HU-001	H3-02-001	H3-HU-001	0.000	3.56	0.009	0.457		97.7	2011-08-24
H3-03-002_H3-RI-006	H3-03-002	H3-RI-006	4.671	1.02	0.588	2.524	0.126	-3582.5	2011-08-24
H3-03-004_H3-03-002	H3-03-004	H3-03-002	0.563	1.05	0.563	1.789	1.000	-3945.6	2011-08-24
H3-03-006_H3-CO-004	H3-03-006	H3-CO-004	3.020	1.07	-0.440	1.944	-0.146	-6004.5	2011-08-24
H3-03-007_H1-03-003A	H3-03-007	H1-03-003A	1.114	1.08	-0.453	2.504	-0.407	-6923.1	2011-08-24
H3-03-009_H3-03-007	H3-03-009	H3-03-007	1.161	1.08	-0.454	1.916	-0.391	-6926.7	2011-08-24
H3-03-010_H3-03-009	H3-03-010	H3-03-009	0.479	1.09	-0.455	3.018	-0.950	-6910.4	2011-08-24
H3-03-015_H3-03-010	H3-03-015	H3-03-010	1.424	1.09	0.460	1.884	0.323	-1132.1	2011-08-24
H3-03-015_H3-PA-025	H3-03-015	H3-PA-025	1.958	1.09	-0.816	3.775	-0.416	-1306.1	2011-08-24
H3-03-020.1	H3-03-020	H3	5.554	1.00	-0.194	1.546	-0.035	-99.5	2011-08-24
H3-03-022_H3-03-022A	H3-03-022	H3-03-022A	4.477	1.09	0.333	4.321	0.074	-3078.0	2011-08-24
H3-03-022A_H3-03-015	H3-03-022A	H3-03-015	0.855	1.09	0.395	2.354	0.462	-4941.8	2011-08-24
H3-03-022A_H3-WI-038AB	H3-03-022A	H3-WI-038AB	1.237	1.09	0.261	3.691	0.211	6322.6	2011-08-24
H3-03-040.1	H3-03-040	H3-03-020	1.945	1.00	-0.168	1.246	-0.087	-68.2	2011-08-24
H3-03-050.1	H3-03-050	H3-03-040	1.204	1.00	-0.019	1.541	-0.016	-6.1	2011-08-24
H3-05-090_H3-WI-022	H3-WI-015	H3-WI-022	0.881	1.12	0.197	3.281	0.224	3363.1	2011-08-24
H3-05-100_H3-05-090	H3-05-100	H3-05-090	0.367	1.13	0.078	2.018	0.211	1662.5	2011-08-24
H3-05-100_H3-CL-013	H3-05-100	H3-CL-013	0.487	1.11	0.085	8.214	0.174	17.6	2011-08-24
H3-CL-001_H3-CL-003	H3-CL-001	H3-CL-003	0.644	1.14	0.052	4.807	0.081	615.4	2011-08-24
H3-CL-003_H3-CL-004	H3-CL-003	H3-CL-004	0.698	1.14	0.055	3.803	0.079	642.7	2011-08-24
H3-CL-004_H3-CL-007	H3-CL-004	H3-CL-007	1.118	1.14	0.055	2.169	0.049	642.3	2011-08-24
H3-CL-007_H3-CL-011	H3-CL-007	H3-CL-011	0.186	1.13	0.118	2.177	0.637	1443.7	2011-08-24

H3-CL-011_H3-05-100	H3-CL-011	H3-05-100	0.990	1.13	0.119	1.974	0.120	1440.7	2011-08-24
H3-CL-013_H3-CL-015A	H3-CL-013	H3-CL-015A	0.437	1.10	0.085	2.587	0.194	177.7	2011-08-24
H3-CL-015A_H1-CL-036	H3-CL-015A	H1-CL-036	0.963	1.10	0.090	3.148	0.094	241.6	2011-08-24
H3-CO-001_H3-CO-004	H3-CO-001	H3-CO-004	0.026	5.19	0.027	0.945	1.042	356.8	2011-08-24
H3-CO-004_H3-03-004	H3-CO-004	H3-03-004	2.595	1.07	0.470	2.204	0.181	-5258.1	2011-08-24
H3-CO-006_H3-CO-004	H3-CO-006	H3-CO-004	0.060	5.48	0.027	0.466	0.443	356.8	2011-08-24
H3-GA-001_H1-01-021	H3-GA-001	H1-01-021	1.380	0.96	0.533	2.057	0.386	11167.2	2011-08-24
H3-GA-001_H3-GA-004	H3-GA-001	H3-GA-004	1.262	1.02	-0.525	2.210	-0.416	-11063.8	2011-08-24
H3-GA-004_H3-03-010	H3-GA-004	H3-03-010	1.454	1.07	-0.483	2.999	-0.332	-10587.1	2011-08-24
H3-GA-013C_H3-03-010	H3-GA-013C	H3-03-010	1.049	1.14	0.397	3.014	0.379	4175.3	2011-08-24
H3-GA-014_H3-GA-013C	H3-GA-014	H3-GA-013C	0.433	1.17	0.338	2.658	0.779	3605.5	2011-08-24
H3-GA-015A_H3-GA-014	H3-GA-015A	H3-GA-014	1.311	1.20	0.322	2.642	0.245	3469.8	2011-08-24
H3-GA-018A_H3-GA-015A	H3-GA-018A	H3-GA-015A	0.552	1.24	0.285	3.047	0.517	3115.5	2011-08-24
H3-GA-023_H3-GA-018A	H3-GA-023	H3-GA-018A	1.391	1.26	0.264	2.065	0.190	2825.0	2011-08-24
H3-GA-028_H3-GA-023	H3-GA-028	H3-GA-023	1.165	1.27	0.223	1.385	0.191	2126.9	2011-08-24
H3-GA-033_H3-GA-028	H3-GA-033	H3-GA-028	1.428	1.38	0.126	0.842	0.089	1405.3	2011-08-24
H3-GA-037_H3-GA-033	H3-GA-037	H3-GA-033	0.810	1.57	0.052	0.208	0.064	565.2	2011-08-24
H3-HU-001_H3-03-004	H3-HU-001	H3-03-004	0.179	3.48	0.023	7.180	0.131	148.8	2011-08-24
H3-HU-004_H3-03-004	H3-HU-004	H3-03-004	0.000	1.07	0.013	7.215		170.3	2011-08-24
H3-INT-001_H3-INT-002	H3-INT-001	H3-INT-002	0.000	0.99	-0.278	3.424		-4016.9	2011-08-24
H3-INT-002_H3 REGULATOR	H3-INT-002	H3-INT-003A	3.594	0.99	-0.279	3.974	-0.078	-4047.5	2011-08-24
H3-INT-003_H3-INT-004	H3-INT-003	H3-INT-004	6.260	0.48	0.338	2.680	0.054	14800.3	2011-08-24
H3-INT-003A_H3 REGULATOR	H3-INT-003A	H3	5.802	1.00	-0.491	3.976	-0.085	-6871.1	2011-08-24
H3-INT-004_H3-INT-005	H3-INT-004	H3-INT-005	5.518	0.48	0.348	2.574	0.063	14788.3	2011-08-24
H3-INT-005_H3-INT-006	H3-INT-005	H3-INT-006	1.980	0.47	0.286	2.673	0.144	14743.3	2011-08-24
H3-INT-006_H3-INT-007	H3-INT-006	H3-INT-007	2.683	0.47	0.271	2.715	0.101	14695.5	2011-08-24
H3-PA-001_H3-PA-004	H3-PA-001	H3-PA-004	0.359	1.15	0.045	1.683	0.125	485.2	2011-08-24
H3-PA-004_H3-PA-009	H3-PA-004	H3-PA-009	0.760	1.14	0.120	2.249	0.157	1342.3	2011-08-24
H3-PA-009_H3-PA-012	H3-PA-009	H3-PA-012	0.869	1.13	0.159	2.197	0.183	1723.6	2011-08-24
H3-PA-012_H3-03-015	H3-PA-012	H3-03-015	0.549	1.12	0.207	2.349	0.376	2191.6	2011-08-24
H3-PA-025_H1-PA-024	H3-PA-025	H1-PA-024	1.031	1.09	0.157	2.717	0.152	3393.0	2011-08-24
H3-RI-001_H3-RI-002	H3-RI-001	H3-RI-002	0.072	1.03	0.011	3.478	0.156	220.1	2011-08-24
H3-RI-002_H3-RI-003	H3-RI-002	H3-RI-003	0.051	1.02	0.011	3.728	0.221	219.9	2011-08-24
H3-RI-003_H3-RI-006	H3-RI-003	H3-RI-006	0.257	1.01	0.013	4.952	0.049	300.7	2011-08-24
H3-WI-002_H3-WI-005	H3-WI-002	H3-WI-005	1.684	1.13	0.047	2.389	0.028	522.7	2011-08-24
H3-WI-005_H3-WI-010	H3-WI-005	H3-WI-010	0.697	1.13	0.050	3.333	0.071	475.6	2011-08-24
H3-WI-010_H3-05-090	H3-WI-010	H3-05-090	0.642	1.13	0.118	2.421	0.184	1199.3	2011-08-24
H3-WI-022_H3-03-022A	H3-WI-022	H3-03-022A	1.612	1.11	0.264	3.183	0.164	3986.0	2011-08-24
H3-WI-038AB_H1-02-038A	H3-WI-038AB	H1-02-038A	0.493	1.07	0.275	3.145	0.558	6487.0	2011-08-24
H3-WW.1	H3-IC	H3-INT-003	4.965	0.49	0.329	3.499	0.066	14810.5	2011-08-24
H3-WW_OF-H4-TG2	H3-WW	OF-H4-TG2	3.876	1.00	-0.674	1.429	-0.174	-21895.8	2011-08-24
H4 REGULATOR_HWF-INT-012	H3-INT-007	HWF-INT-012	1.625	0.46	0.470	2.752	0.289	26080.1	2011-08-24
H4-04-002_H4-04-003	H4-04-002	H4-04-003	9.290	1.45	0.018	2.775	0.002	-2.7	2011-08-24
H4-04-003_H4-04-010	H4-04-003	H4-04-010	11.296	1.03	1.168	1.090	0.103	35674.3	2011-08-24
H4-04-004_H4-04-003	H4-04-004	H4-04-003	11.071	1.03	1.151	0.842	0.104	35442.7	2011-08-24
H4-04-005_H4-04-004	H4-04-005	H4-04-004	4.256	1.05	1.088	0.842	0.256	34772.3	2011-08-24

H4-04-006_H4-04-005	H4-04-006	H4-04-005	17.025	1.07	1.080	1.223	0.063	33209.6	2011-08-31
H4-04-007_H4-04-006	H4-04-007	H4-04-006	8.515	1.08	1.077	0.889	0.126	33252.5	2011-08-31
H4-04-008_H4-04-007	H4-04-008	H4-04-007	3.214	1.10	1.071	1.093	0.333	33253.8	2011-08-31
H4-04-010_H4	H4-04-010	H4	8.466	1.02	1.182	1.086	0.140	35720.4	2011-08-31
H4-07-080_H4-GA-005	H4-07-080	H4-GA-005	6.710	1.15	1.001	1.097	0.149	33385.0	2011-08-31
H4-07-090_H4-07-080	H4-07-090	H4-07-080	5.935	1.16	0.996	1.183	0.168	33403.3	2011-08-31
H4-07-090_H4-07-090A	H4-07-090A	H4-07-090	7.063	1.17	0.748	1.601	0.106	30703.5	2011-08-31
H4-07-100_H4-07-090A	H4-07-100	H4-07-090A	1.016	1.18	0.213	4.878	0.210	1756.2	2011-08-31
H4-07-140_H4-CL-027	H4-07-140	H4-CL-027	5.704	1.18	0.738	1.248	0.129	28169.4	2011-08-31
H4-07-150_H4-07-150A	H4-07-150	H4-07-150A	8.496	1.18	0.759	1.293	0.089	26833.9	2011-08-31
H4-07-150A_H4-07-140	H4-07-150A	H4-07-140	1.367	1.18	0.727	1.254	0.532	27239.1	2011-08-31
H4-07-160_H4-07-150	H4-07-160	H4-07-150	3.764	1.19	0.734	1.294	0.195	26309.5	2011-08-31
H4-07-170_H4-07-160	H4-07-170	H4-07-160	1.661	1.19	0.703	1.843	0.423	25437.7	2011-08-31
H4-07-180_H4-07-170	H4-07-180	H4-07-170	1.873	1.19	0.376	1.854	0.201	13436.6	2011-08-31
H4-07-190_H4-MA-015	H4-07-190	H4-MA-015	1.828	1.19	0.265	1.360	0.145	10321.6	2011-08-31
H4-07-200_H4-07-190	H4-07-200	H4-07-190	1.367	1.19	0.175	1.293	0.128	1874.5	2011-08-31
H4-AD-002_H4-AD-011	H4-AD-010	H4-AD-011	0.704	1.19	0.057	2.073	0.081	389.7	2011-08-31
H4-AD-011_H4-07-160	H4-AD-011	H4-07-160	0.393	1.19	0.089	3.016	0.227	822.4	2011-08-31
H4-CL-001_H4-CL-004	H4-CL-001	H4-CL-004	0.347	1.21	0.038	2.638	0.109	399.4	2011-08-31
H4-CL-004_H4-CL-009	H4-CL-004	H4-CL-009	0.287	1.21	0.038	1.451	0.132	380.4	2011-08-31
H4-CL-009_H4-CL-013	H4-CL-009	H4-CL-013	0.634	1.21	0.076	1.815	0.119	755.5	2011-08-31
H4-CL-013_H4-CL-016	H4-CL-013	H4-CL-016	0.391	1.20	0.090	2.478	0.229	867.8	2011-08-31
H4-CL-016_H4-CL-017	H4-CL-016	H4-CL-017	0.981	1.19	0.106	2.524	0.108	1016.9	2011-08-31
H4-CL-017_H4-07-140	H4-CL-017	H4-07-140	0.761	1.19	0.106	3.571	0.140	968.3	2011-08-31
H4-CL-018_H4-CL-022	H4-CL-020	H4-CL-022	0.091	1.23	0.043	3.680	0.473	455.9	2011-08-31
H4-CL-022_H4-CL-027	H4-CL-022	H4-CL-027	0.123	1.22	0.085	2.519	0.689	901.5	2011-08-31
H4-CL-027_H4-07-090A	H4-CL-027	H4-07-090A	8.501	1.18	0.777	1.603	0.091	29156.0	2011-08-31
H4-GA-002_H4-04-008	H4-GA-002	H4-04-008	5.860	1.11	1.070	1.235	0.183	33331.1	2011-08-31
H4-GA-004_H4-GA-002	H4-GA-004	H4-GA-002	3.978	1.13	1.045	1.317	0.263	33308.6	2011-08-31
H4-GA-005_H4-GA-004	H4-GA-005	H4-GA-004	7.585	1.15	1.021	1.319	0.135	33399.3	2011-08-31
H4-GR-009_H4-07-150A	H4-GR-008	H4-07-150A	1.125	1.18	0.062	1.722	0.055	374.3	2011-08-31
H4-GR-010_H4-07-150	H4-GR-010	H4-07-150	0.457	1.19	0.089	2.699	0.196	556.4	2011-08-31
H4-GR-011_H4-GR-010	H4-GR-011	H4-GR-010	0.481	1.19	0.071	2.772	0.148	395.6	2011-08-31
H4-GR-012_H4-GR-011	H4-GR-012	H4-GR-011	0.325	1.19	-0.062	3.896	-0.190	15.8	2011-08-31
H4-HA-001_H4-07-200	H4-HA-001	H4-07-200	0.641	1.19	0.059	3.405	0.092	459.2	2011-08-31
H4-HA-003_H4-HA-001	H4-HA-003	H4-HA-001	0.287	1.19	0.057	2.902	0.199	434.5	2011-08-31
H4-HA-004_H4-HA-003	H4-HA-004	H4-HA-003	0.346	1.19	0.003	4.460	0.009	178.2	2011-08-31
H4-HA-007_H4-HA-004	H4-HA-007	H4-HA-004	0.057	1.19	-0.002	4.272	-0.041	111.2	2011-08-31
H4-HU-001_H4-04-004	H4-HU-001	H4-04-004	14.891	5.88	0.038	2.245	0.003	450.2	2011-08-31
H4-HU-002_H4-HU-001	H4-HU-002	H4-HU-001	0.000	6.14	0.032	0.601		307.2	2011-08-31
H4-JA-002_H1-JA-046	MH-T5-5STB	H1-JA-046	4.494	0.95	-0.121	3.255	-0.027	899.5	2011-08-31
H4-JA-002_H4-JA-003	H4-JA-002	H4-JA-003	0.100	1.02	-0.058	7.187	-0.577	-941.9	2011-08-31
H4-JA-003_H4-JA-004	H4-JA-003	H4-JA-004	0.090	1.17	-0.058	9.672	-0.637	-916.0	2011-08-31
H4-JA-004_H4-JA-006	H4-JA-004	H4-JA-006	1.741	1.19	-0.120	3.663	-0.069	-605.2	2011-08-31
H4-JA-006_H4-07-200	H4-JA-006	H4-07-200	1.361	1.19	-0.138	2.227	-0.101	-125.8	2011-08-31

H4-JA-009_H4-07-200	H4-JA-009	H4-07-200	0.289	1.20	0.135	3.339	0.468	1574.5	2011-08-24
H4-JA-011_H4-JA-009	H4-JA-011	H4-JA-009	0.426	1.20	0.045	3.966	0.106	631.7	2011-08-24
H4-JE-005_H4-07-170	H4-JE-005	H4-07-170	0.711	1.19	0.358	3.086	0.504	11933.0	2011-08-24
H4-JE-007_H4-JE-005	H4-JE-007	H4-JE-005	0.297	1.21	0.320	3.064	1.077	11385.1	2011-08-24
H4-JE-007_H5-JE-742	H4-JE-007	H5-JE-742	0.343	1.21	-0.308	3.133	-0.896	-11070.8	2011-08-24
H4-MA-001_H4-MA-006	H4-MA-001	H4-MA-006	0.374	1.16	-0.197	4.651	-0.526	2642.5	2011-08-24
H4-MA-006_H4-07-180	H4-MA-006	H4-07-180	0.375	1.18	-0.135	3.853	-0.360	3220.0	2011-08-24
H4-MA-008_H4-MA-015	H4-MA-008	H4-MA-015	1.755	1.19	-0.043	4.654	-0.025	-126.4	2011-08-24
H4-MA-015_H4-07-180	H4-MA-015	H4-07-180	6.278	1.19	0.267	1.950	0.042	10280.0	2011-08-24
H4-MO-001_H4-07-190	H4-MO-001	H4-07-190	3.493	1.19	0.261	3.001	0.075	8435.0	2011-08-24
H4-MO-002A_H4-MO-001	H4-MO-002A	H4-MO-001	0.681	1.20	0.257	3.796	0.377	8360.3	2011-08-24
H4-MO-004_H4-MO-002A	H4-MO-004	H4-MO-002A	0.521	1.20	0.232	4.588	0.446	7985.6	2011-08-24
H4-PA-005_H4-07-090	H4-PA-004	H4-07-090	1.442	1.19	0.229	2.375	0.159	2658.2	2011-08-24
H4-PA-005_H4-WI-013	H4-PA-005	H4-WI-013	0.925	1.20	-0.074	1.984	-0.080	-528.1	2011-08-24
H4-PA-008_H4-PA-005	H4-PA-008	H4-PA-005	0.129	1.20	0.155	1.228	1.199	1585.5	2011-08-24
H4-PA-011_H4-PA-008	H4-PA-011	H4-PA-008	3.193	1.20	0.108	1.227	0.034	1056.1	2011-08-24
H4-PA-012_H4-PA-011	H4-PA-012	H4-PA-011	0.805	1.20	0.066	1.795	0.082	664.9	2011-08-24
H4-PA-016_H4-PA-012	H4-PA-016	H4-PA-012	1.896	2.09	0.045	0.852	0.024	450.8	2011-08-24
H4-WI-001_H4-WI-004	H4-WI-001	H4-WI-004	0.401	1.21	0.038	1.704	0.096	423.0	2011-08-24
H4-WI-004_H4-WI-005	H4-WI-004	H4-WI-005	1.077	1.21	-0.044	1.134	-0.041	422.4	2011-08-24
H4-WI-005_H4-WI-009	H4-WI-005	H4-WI-009	1.047	1.21	0.094	1.556	0.090	1011.3	2011-08-24
H4-WI-009_H4-WI-013	H4-WI-009	H4-WI-013	1.057	1.20	0.151	1.984	0.143	1603.9	2011-08-24
H4-WI-013_H4-07-100	H4-WI-013	H4-07-100	2.223	1.19	0.193	3.915	0.087	1610.4	2011-08-24
H4-WW.2	H4-WW	OF-H4-TG2	0.000	1.00	1.023	1.285		24220.5	2011-08-24
H5_GC to H5_OF Original	H5_Inflow_Dummy	H5_Outflow_Dummy	0.000	0.77	0.090	1.578		312.4	2011-08-24
H5_GC.3	H5-SF	H5_GC	14.198	0.78	1.268	0.386	0.089	14258.4	2011-08-24
H5_TideGate.1	H5_OF	Outfall6	0.000	0.95	-0.011	1.387		0.0	2011-08-24
H5_WW.3	H5-WW	H5-SF	0.000	0.78	1.268	0.967		14332.6	2011-08-24
H5-09-444_H5-WA-440	H5-09-444	H5-WA-440	0.264	5.07	0.007	0.718	0.025	64.3	2011-08-24
H5-09-804_H4-MO-004	H5-09-804	H4-MO-004	0.020	1.23	0.015	8.507	0.768	533.9	2011-08-24
H5-10-446_H5-WA-400	H5-10-446	H5-WA-400	0.194	2.69	0.007	3.320	0.034	64.2	2011-08-24
H5-11-010_H5-INT-008A	H5-11-010	H5-INT-008A	1.089	0.98	0.677	2.624	0.622	19512.5	2011-08-24
H5-11-010_H5-WA-350	H5-11-010	H5-WA-350	2.626	1.79	-0.303	2.925	-0.116	-15177.5	2011-08-24
H5-11-015_H5-11-010	H5-11-015	H5-11-010	1.609	2.39	0.531	1.433	0.330	5453.6	2011-08-24
H5-11-020.1	H5-INT-008A	H5	5.173	0.82	0.677	1.448	0.131	19523.5	2011-08-24
H5-11-316_H5-WA-350	H5-11-316	H5-WA-350	1.781	1.79	0.133	0.910	0.075	1057.9	2011-08-24
H5-11-318_H5-11-316	H5-11-318	H5-11-316	0.497	1.79	0.124	1.788	0.249	992.0	2011-08-24
H5-11-510_H5-11-009	H5-11-510	H5-11-009	17.063	1.20	0.474	1.252	0.028	266.0	2011-08-24
H5-11-520_H5-11-510	H5-11-520	H5-11-510	3.626	1.20	0.469	1.254	0.129	266.9	2011-08-24
H5-11-530_H5-11-520	H5-11-530	H5-11-520	0.000	1.20	0.468	1.215		377.2	2011-08-24
H5-11-560_H5-11-530	H5-11-560	H5-11-530	10.436	1.20	0.429	1.216	0.041	-608.3	2011-08-24
H5-11-580_H5-11-560	H5-11-580	H5-11-560	6.543	1.21	0.403	0.927	0.062	-974.5	2011-08-24
H5-11-580_H6-PA-582	H5-11-580	H6-PA-582	0.437	1.34	-0.108	8.023	-0.246	-9246.1	2011-08-24
H5-11-620_H5-11-580	H5-11-620	H5-11-580	6.860	1.21	-0.283	1.143	-0.041	-10414.8	2011-08-24
H5-11-620_H5-WI-624	H5-11-620	H5-WI-624	0.963	1.22	-0.122	4.878	-0.127	-1283.3	2011-08-24
H5-11-630_H5-11-620	H5-11-630	H5-11-620	10.118	1.21	-0.282	0.849	-0.028	-11579.6	2011-08-24

H5-11-640_H5-11-630	H5-11-640	H5-11-630	4.380	1.21	-0.281	1.116	-0.064	-11768.5	2011-08-24
H5-11-640A_H7-SIP-006	H5-11-640A	H7-SIP-006	0.914	0.49	0.613	0.921	0.671	39719.3	2011-08-24
H5-11-650_H5-11-640	H5-11-650	H5-11-640	0.000	1.21	-0.345	0.779		-10680.3	2011-08-24
H5-11-670_H5-11-650	H5-11-670	H5-11-650	1.632	1.21	-0.369	1.091	-0.226	-11414.0	2011-08-24
H5-11-670_H5-GR-678	H5-11-670	H5-GR-678	0.429	1.21	-0.031	3.290	-0.073	-284.2	2011-08-24
H5-11-691_H5-11-670	H5-11-691	H5-11-670	2.929	1.21	-0.439	1.607	-0.150	-13065.1	2011-08-24
H5-11-710_H5-11-691	H5-11-710	H5-11-691	3.752	1.21	-0.512	1.134	-0.136	-13900.1	2011-08-24
H5-11-720_H5-11-710	H5-11-720	H5-11-710	3.751	1.20	-0.506	1.117	-0.135	-13929.0	2011-08-24
H5-11-730_H5-11-720	H5-11-730	H5-11-720	3.001	1.20	-0.436	1.092	-0.145	-14181.6	2011-08-24
H5-11-730_H5-JE-734	H5-11-730	H5-JE-734	0.733	1.20	0.085	3.224	0.116	-1364.1	2011-08-24
H5-11-750_H5-11-730	H5-11-750	H5-11-730	3.609	1.20	-0.262	2.123	-0.073	-6049.0	2011-08-24
H5-11-780_H5-11-750	H5-11-780	H5-11-750	1.090	1.20	-0.180	1.534	-0.165	-5514.8	2011-08-24
H5-11-780_H5-MO-794	H5-11-780	H5-MO-794	0.737	1.20	0.211	3.466	0.286	6364.0	2011-08-24
H5-11-788_H5-11-780	H5-11-788	H5-11-780	0.787	1.20	0.028	3.019	0.036	446.1	2011-08-24
H5-12-013_H5-HU-012	H5-12-013	H5-HU-012	7.570	1.67	0.029	1.314	0.004	990.2	2011-08-24
H5-12-594_H5-12-599	H5-12-594	H5-12-599	0.069	1.36	0.029	1.379	0.415	289.9	2011-08-24
H5-12-599_H5-12-602	H5-12-599	H5-12-602	0.433	1.35	0.028	0.695	0.065	289.7	2011-08-24
H5-12-608_H5-12-602	H5-12-608	H5-12-602	0.093	1.33	-0.070	2.683	-0.750	-729.2	2011-08-24
H5-12-786_H5-MO-784	H5-12-786	H5-MO-784	0.590	1.20	0.001	2.413	0.001	45.3	2011-08-24
H5-AD-698_H5-11-691	H5-AD-698	H5-11-691	0.293	1.21	0.069	2.837	0.236	742.2	2011-08-24
H5-AD-712_H5-11-710	H5-AD-712	H5-11-710	0.071	1.21	0.004	5.588	0.063	43.1	2011-08-24
H5-AD-717_H5-11-720	H5-AD-714	H5-11-720	0.051	1.20	0.043	5.462	0.834	293.4	2011-08-24
H5-AT-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.70	0.074	0.364	0.036	703.0	2011-08-24
H5-BL-334_H5-11-318	H5-BL-334	H5-11-318	0.379	1.80	0.076	1.780	0.202	569.4	2011-08-24
H5-BL-346_H5-BL-334	H5-BL-346	H5-BL-334	0.533	1.80	-0.034	1.708	-0.064	217.4	2011-08-24
H5-BL-354_H5-BL-346	H5-BL-354	H5-BL-346	0.136	2.75	0.017	1.591	0.125	176.9	2011-08-24
H5-CL-648_H5-11-640	H5-CL-648	H5-11-640	0.306	1.20	0.198	3.113	0.647	-995.8	2011-08-24
H5-CL-662_H5-11-650	H5-CL-662	H5-11-650	0.427	1.22	0.058	2.728	0.136	624.0	2011-08-24
H5-CP-071_H5-HU-151	H5-CP-071	H5-HU-151	1.016	6.60	0.202	0.693	0.199	1995.0	2011-08-24
H5-CP-097_H5-CP-071	H5-CP-097	H5-CP-071	1.167	7.35	0.202	0.605	0.173	1996.1	2011-08-24
H5-CP-104_H5-CP-097	H5-CP-104	H5-CP-097	0.245	14.35	0.066	1.211	0.270	676.2	2011-08-24
H5-CP-112_H5-CP-104	H5-CP-112	H5-CP-104	0.030	14.59	0.024	0.709	0.797	260.3	2011-08-24
H5-CP-112_H5-ST-254	H5-CP-112	H5-ST-254	1.952	14.48	0.121	0.351	0.062	1134.2	2011-08-24
H5-Disharge1	H5_Outflow	H5_Outflow_Dummy	0.000	0.77	-0.001	2.495		-2.5	2011-08-24
H5-GA-001A_H6-GA-562	H6-GA-001A	H5-GA-562	0.097	2.00	0.000	0.432	0.000	0.2	2011-08-24
H5-GA-562_H5-11-560	H5-GA-562	H5-11-560	0.899	1.73	0.043	5.189	0.048	423.2	2011-08-24
H5-GR-674_H5-11-670	H5-GR-674	H5-11-670	0.674	1.21	0.066	2.665	0.098	980.1	2011-08-24
H5-GR-682_H5-GR-678	H5-GR-682	H5-GR-678	1.236	1.21	0.031	3.291	0.025	324.6	2011-08-24
H5-GR-684_H5-GR-682	H5-GR-684	H5-GR-682	2.268	1.21	0.018	1.296	0.008	204.7	2011-08-24
H5-GR-688_H5-GR-682	H5-GR-688	H5-GR-682	2.219	1.21	-0.002	3.567	-0.001	10.6	2011-08-24
H5-HU-007_H5-HU-012	H5-HU-007	H5-HU-012	0.369	1.27	0.092	1.314	0.249	784.1	2011-08-24
H5-HU-007_H6-HU-001	H5-HU-007	H6-HU-001	1.277	1.27	-0.076	1.350	-0.060	-331.5	2011-08-24
H5-HU-010_H5-11-009	H5-HU-010	H5-11-009	0.293	1.21	0.169	2.709	0.576	2504.3	2011-08-24
H5-HU-012_H5-HU-010	H5-HU-012	H5-HU-010	0.638	1.25	0.161	1.777	0.252	2437.4	2011-08-24
H5-HU-015_H5-12-013	H5-HU-015	H5-12-013	0.110	2.26	0.029	0.352	0.266	990.4	2011-08-24
H5-HU-017_H5-HU-015	H5-HU-017	H5-HU-015	0.088	2.81	0.020	0.685	0.230	210.8	2011-08-24

H5-HU-020_H5-11-015	H5-HU-020	H5-11-015	1.181	3.05	0.496	0.960	0.420	5092.5	2011-08-24
H5-HU-040_H5-HU-020	H5-HU-040	H5-HU-020	1.536	3.46	0.471	0.847	0.307	4666.0	2011-08-24
H5-HU-150A_H5-HU-151	H5-HU-150A	H5-HU-151	1.594	4.60	0.265	0.554	0.167	2604.7	2011-08-24
H5-HU-151_H5-HU-040	H5-HU-151	H5-HU-040	2.415	4.33	0.466	0.547	0.193	4597.2	2011-08-24
H5-HU-200A_H5-HU-150A	H5-HU-200A	H5-HU-150A	1.540	5.33	0.250	0.355	0.162	2430.3	2011-08-24
H5-HU-250_H5-HU-200A	H5-HU-250	H5-HU-200A	1.342	5.90	0.186	0.299	0.138	1771.0	2011-08-24
H5-HU-272_H5-HU-250	H5-HU-272	H5-HU-250	1.408	6.18	0.006	0.295	0.004	54.4	2011-08-24
H5-HW-542_H5-11-530	H5-HW-542	H5-11-530	0.161	1.84	0.088	0.526	0.546	879.3	2011-08-24
H5-IC.1	H5-IC	11PS	2.666	0.83	0.202	3.456	0.076	14579.8	2011-08-24
H5-INT-001_H5-11-640A	H5-INT-001	H5-11-640A	1.345	0.56	0.613	0.931	0.456	40381.2	2011-08-24
H5-INT-002_H5-INT-001	H5-INT-002	H5-INT-001	2.021	0.61	0.440	1.525	0.218	26215.0	2011-08-24
H5-INT-003_H5-INT-002	H5-INT-003	H5-INT-002	0.000	0.64	0.440	1.076		26236.7	2011-08-24
H5-INT-004_H5-INT-003	H5-INT-004	H5-INT-003	1.551	5.86	0.440	0.364	0.284	26250.0	2011-08-24
H5-INT-004A_H5-INT-004	H5-INT-004A	H5-INT-004	0.982	6.44	0.440	0.617	0.448	26303.2	2011-08-24
H5-INT-004B_H5-INT-004A	H5-INT-004B	H5-INT-004A	1.220	7.12	0.440	0.570	0.361	26369.6	2011-08-24
H5-INT-005_H5-INT-004B	H5-INT-005	H5-INT-004B	0.487	7.46	0.440	0.661	0.904	26427.5	2011-08-24
H5-INT-006_H5-INT-005	H5-INT-006	H5-INT-005	0.000	7.50	0.440	0.701		26500.3	2011-08-24
H5-INT-007_H5-INT-006	H5-INT-007	H5-INT-006	0.740	7.59	0.440	0.736	0.595	26525.3	2011-08-24
H5-INT-007A_H5-INT-007	H5-INT-007A	H5-INT-007	1.246	8.11	0.440	0.711	0.353	26560.5	2011-08-24
H5-INT-008_11th St PS	H5-11-020	H5-INT-001	0.519	0.61	0.173	1.034	0.334	14524.8	2011-08-24
H5-INT-009_H5-INT-008	H5-INT-009	H5-INT-008	0.245	0.85	0.184	3.529	0.753	7634.9	2011-08-24
H5-INT-010_H5-INT-009	H5-INT-010	H5-INT-009	0.806	0.87	0.182	3.606	0.226	7678.3	2011-08-24
H5-JE-734_H5-JE-736A	H5-JE-734	H5-JE-736A	0.814	1.20	-0.073	5.033	-0.090	-1254.7	2011-08-24
H5-JE-736A_H7-JE-007	H5-JE-736A	H7-JE-007	0.922	1.20	-0.067	4.018	-0.073	-981.3	2011-08-24
H5-JE-742_H5-11-730	H5-JE-742	H5-11-730	0.298	1.21	-0.235	4.477	-0.789	-9617.5	2011-08-24
H5-JK-798_H5-09-804	H5-JK-798	H5-09-804	0.071	1.24	0.015	4.977	0.218	538.7	2011-08-24
H5-JK-798_H5-MO-794	H5-JK-798	H5-MO-794	0.077	1.24	0.014	6.932	0.181	-201.9	2011-08-24
H5-MA-754_H5-11-750	H5-MA-754	H5-11-750	0.141	1.20	-0.066	4.251	-0.465	813.5	2011-08-24
H5-MA-756_H5-MA-754	H5-MA-756	H5-MA-754	0.756	1.20	-0.068	5.258	-0.090	708.4	2011-08-24
H5-MA-756A_H5-MA-756	H5-MA-756A	H5-MA-756	0.065	1.19	0.033	6.839	0.514	479.8	2011-08-24
H5-MA-762_H5-11-750	H5-MA-762	H5-11-750	1.124	1.20	-0.196	3.495	-0.174	-1855.2	2011-08-24
H5-MA-762_H5-MA-768	H5-MA-764	H5-MA-768	0.098	1.12	0.053	7.442	0.540	2016.7	2011-08-24
H5-MA-768_H4-MA-001	H5-MA-768	H4-MA-001	1.262	1.12	-0.172	5.609	-0.136	2196.4	2011-08-24
H5-MO-784_H5-11-780	H5-MO-784	H5-11-780	1.034	1.20	-0.018	2.415	-0.018	244.2	2011-08-24
H5-MO-794_H4-MO-004	H5-MO-794	H4-MO-004	0.307	1.20	0.199	4.650	0.647	7145.5	2011-08-24
H5-SF.3	H5-INT-008	H5-IC	2.555	0.84	0.184	3.438	0.072	7594.1	2011-08-24
H5-SH-052_H5-HU-040	H5-SH-052	H5-HU-040	0.060	4.01	0.005	1.641	0.090	46.5	2011-08-24
H5-ST-078_H5-CP-097	H5-ST-078	H5-CP-097	0.076	7.84	0.103	1.336	1.346	991.0	2011-08-24
H5-ST-084_H5-ST-078	H5-ST-084	H5-ST-078	0.185	12.31	0.058	1.873	0.315	552.7	2011-08-24
H5-ST-096_H5-ST-084	H5-ST-096	H5-ST-084	0.125	21.42	0.029	0.925	0.234	278.6	2011-08-24
H5-ST-114_H5-CP-112	H5-ST-114	H5-CP-112	0.104	20.21	0.046	1.020	0.441	433.9	2011-08-24
H5-ST-116_H5-ST-114	H5-ST-116	H5-ST-114	0.118	24.16	0.030	0.934	0.254	281.5	2011-08-24
H5-ST-124_H5-CP-112	H5-ST-124	H5-CP-112	0.085	16.93	0.066	0.816	0.780	641.6	2011-08-24
H5-ST-128_H5-ST-124	H5-ST-128	H5-ST-124	0.084	17.55	0.058	1.328	0.694	564.8	2011-08-24
H5-ST-134_H5-ST-128	H5-ST-134	H5-ST-128	0.158	18.01	0.046	1.138	0.289	444.8	2011-08-24

H5-ST-136_H5-ST-134	H5-ST-136	H5-ST-134	0.087	18.43	0.046	1.027	0.526	445.0	2011-08-24
H5-ST-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.70	0.074	0.364	0.036	703.0	2011-08-24
H5-ST-254_H5-ST-252	H5-ST-254	H5-ST-252	1.967	10.79	0.131	0.263	0.067	1233.9	2011-08-24
H5-WA-350_H5-WA-356	H5-WA-350	H5-WA-356	3.976	1.79	0.119	1.700	0.030	222.2	2011-08-24
H5-WA-356_H6-WA-004	H5-WA-356	H6-WA-004	0.144	1.79	0.057	2.850	0.399	286.5	2011-08-24
H5-WA-400_H5-WA-350	H5-WA-400	H5-WA-350	1.233	1.84	0.233	0.910	0.189	2421.7	2011-08-24
H5-WA-440_H5-WA-400	H5-WA-440	H5-WA-400	0.397	1.92	0.164	1.328	0.413	1693.9	2011-08-24
H5-WA-480_H5-WA-440	H5-WA-480	H5-WA-440	1.078	2.21	0.102	0.287	0.095	1072.7	2011-08-24
H5-WA-480A_H5-WA-480	H5-WA-480A	H5-WA-480	0.786	2.36	0.024	0.188	0.031	247.6	2011-08-24
H5-WA-490_H5-WA-480	H5-WA-490	H5-WA-480	1.124	2.23	0.040	0.188	0.035	410.9	2011-08-24
H5-WA-490A_H5-WA-490	H5-WA-490A	H5-WA-490	0.732	2.32	0.018	0.150	0.025	188.5	2011-08-24
H5-WI-606_H5-12-602	H5-WI-606	H5-12-602	0.126	1.35	0.025	1.159	0.197	246.5	2011-08-24
H5-WI-612_H5-12-608	H5-WI-612	H5-12-608	0.008	1.53	0.010	3.916	1.317	106.3	2011-08-24
H5-WI-624_H5-12-608	H5-WI-624	H5-12-608	0.219	1.27	-0.122	2.802	-0.559	-1290.1	2011-08-24
H6 REGULATOR_H5-INT-010	H6-IC	H5-INT-010	1.895	0.88	0.183	3.335	0.096	7771.6	2011-08-24
H6-14-001_H6-14-002	H6-14-001	H6-14-002	0.146	1.36	0.035	4.827	0.236	-233.1	2011-08-24
H6-14-002_H6-14-003A	H6-14-002	H6-14-003A	0.204	1.36	0.034	4.373	0.168	-237.9	2011-08-24
H6-14-003_H6-14-006	H6-14-003	H6-14-006	0.613	1.35	0.195	2.488	0.319	1965.0	2011-08-24
H6-14-003A_H6-14-003B	H6-14-003A	H6-14-003B	0.735	1.36	0.034	4.403	0.046	-243.1	2011-08-24
H6-14-003B_H6-14-003	H6-14-003B	H6-14-003	4.700	1.36	0.031	2.379	0.007	-231.4	2011-08-24
H6-14-006_H6-14-008	H6-14-006	H6-14-008	1.659	1.34	0.239	2.320	0.144	2420.4	2011-08-24
H6-14-008_H6-14-010	H6-14-008	H6-14-010	0.742	1.31	0.395	2.426	0.533	4340.2	2011-08-24
H6-14-010A_H6-14-010	H6-14-010A	H6-14-010	0.078	1.53	0.133	6.613	1.711	1786.2	2011-08-24
H6-14-010B_H6-14-010A	H6-14-010B	H6-14-010A	0.046	2.29	0.081	8.691	1.752	1151.2	2011-08-24
H6-14-010C_H6-14-010B	H6-14-010C	H6-14-010B	0.064	2.79	0.064	8.968	1.008	899.6	2011-08-24
H6-14-020.1	H6-14-020	H6	0.230	1.16	-0.004	3.973	-0.019	-15.4	2011-08-24
H6-GA-001A_H6-GA-005	H6-GA-001A	H6-GA-005	0.161	1.90	0.044	4.447	0.273	471.8	2011-08-24
H6-GA-005_H6-GA-008	H6-GA-005	H6-GA-008	0.091	1.73	0.095	2.370	1.047	1024.1	2011-08-24
H6-GA-008_H6-14-003	H6-GA-008	H6-14-003	0.159	1.39	0.107	5.046	0.671	1153.0	2011-08-24
H6-GA-009_H6-14-003	H6-GA-009	H6-14-003	4.947	1.78	0.042	0.678	0.009	643.2	2011-08-24
H6-HU-001_H6-HU-002	H6-HU-001	H6-HU-003	0.064	1.28	-0.049	4.298	-0.772	76.2	2011-08-24
H6-HU-001A_H6-HU-001	H6-HU-001A	H6-HU-001	0.087	1.30	0.018	4.413	0.203	206.9	2011-08-24
H6-HU-003_H6-14-010	H6-HU-003	H6-14-010	0.368	1.28	-0.037	4.851	-0.102	233.0	2011-08-24
H6-HW-001_H6-14-006	H6-HW-001	H6-14-006	0.199	1.75	0.032	2.155	0.160	359.5	2011-08-24
H6-HW-001A_H5-HW-542	H6-HW-001A	H5-HW-542	0.207	2.31	0.002	0.666	0.008	0.2	2011-08-24
H6-HW-001A_H6-HW-001	H6-HW-001A	H6-HW-001	0.474	2.31	0.000	0.587	0.000	0.5	2011-08-24
H6-PA-001_H6-PA-002	H6-PA-001	H6-PA-002	0.125	0.95	-0.102	1.811	-0.814	-1439.6	2011-08-24
H6-PA-002_H6-PA-007	H6-PA-002	H6-PA-007	0.055	1.32	-0.058	4.440	-1.040	-948.8	2011-08-24
H6-PA-007_H6-14-001	H6-PA-007	H6-14-001	0.101	1.36	-0.031	4.378	-0.304	-359.2	2011-08-24
H6-PA-582_H6-PA-588	H6-PA-582	H6-PA-588	0.062	2.95	-0.108	5.049	-1.752	-9249.5	2011-08-24
H6-PA-588_H6-PA-592	H6-PA-588	H6-PA-592	0.631	3.95	-0.215	6.416	-0.340	-9256.1	2011-08-24
H6-PA-592_H6-PA-001	H6-PA-592	H6-PA-001	0.068	0.78	-0.101	0.858	-1.501	-1439.7	2011-08-24
H6-WA-004_H6-WA-009	H6-WA-004	H6-WA-009	0.229	1.78	0.089	3.886	0.390	923.6	2011-08-24
H6-WA-009_H6-WA-010	H6-WA-009	H6-WA-010	0.206	1.69	0.109	4.045	0.528	1405.9	2011-08-24
H6-WA-010_H6-14-008	H6-WA-010	H6-14-008	0.214	1.56	0.109	4.641	0.510	1401.7	2011-08-24
H6WW_Outfall8	H6-WW	H7-15-012D	0.987	1.11	0.501	2.106	0.507	5296.2	2011-08-24

H7 REGULATOR_H7-INT-001	H7-IC	H7-INT-001	2.469	0.91	0.156	3.301	0.063	7058.0	2011-08-24
H7-15_Sta0+00.1	H7-15_Sta0+00	H7-15_Sta2+42.5+	0.074	1.03	-0.006	2.957	-0.077	-12.9	2011-08-24
H7-15_Sta2+42.5+.1	H7-15_Sta2+42.5+	H7-15-150	0.075	1.03	-0.013	3.024	-0.168	-29.6	2011-08-24
H7-15-001_H7-15-002	H7-15-001	H7-15-002	4.092	1.15	-0.040	1.713	-0.010	8.1	2011-08-24
H7-15-001_H7-MA-008	H7-15-001	H7-MA-008	0.280	1.15	-0.025	2.562	-0.090	35.2	2011-08-24
H7-15-002_H7-15-003	H7-15-002	H7-15-003	5.097	1.15	0.147	1.842	0.029	542.6	2011-08-24
H7-15-002_H7-JE-003	H7-15-002	H7-JE-003	1.585	1.15	0.063	4.960	0.040	707.7	2011-08-24
H7-15-003_H7-15-004	H7-15-003	H7-15-004	4.178	1.15	0.191	1.337	0.046	205.4	2011-08-24
H7-15-003_H7-AD-003	H7-15-003	H7-AD-003	0.097	1.15	0.061	4.011	0.631	297.9	2011-08-24
H7-15-004_H7-15-005	H7-15-004	H7-15-005	2.549	1.15	0.270	0.896	0.106	1123.3	2011-08-24
H7-15-004_H7-GR-010	H7-15-004	H7-GR-010	0.384	1.15	0.037	3.287	0.097	232.2	2011-08-24
H7-15-005_H7-15-006	H7-15-005	H7-15-006	2.721	1.15	0.459	0.925	0.169	3707.3	2011-08-24
H7-15-005_H7-CL-010	H7-15-005	H7-CL-010	0.785	1.17	0.167	4.420	0.213	-1544.9	2011-08-24
H7-15-006_H7-15-007	H7-15-006	H7-15-007	1.329	1.13	0.490	1.967	0.368	4071.8	2011-08-24
H7-15-007_H7-15-008	H7-15-007	H7-15-008	1.566	1.10	0.751	1.364	0.480	7499.9	2011-08-24
H7-15-008_H7-15-009	H7-15-008	H7-15-009	0.243	1.06	0.751	0.778	3.098	7467.4	2011-08-24
H7-15-009_H7-15-012B1	H7-15-009	H7-15-012B1	4.936	1.06	0.827	0.919	0.168	8383.1	2011-08-24
H7-15-010.1	H7-15-010	H7	0.124	1.03	-0.040	4.115	-0.321	-164.4	2011-08-24
H7-15-012B_H7-15-012D	H7-15-012B	H7-15-012D	9.189	1.03	0.729	0.902	0.079	1513.9	2011-08-24
H7-15-012B1_H7-15-012B	H7-15-012B1	H7-15-012B	8.391	1.05	0.850	1.249	0.101	8381.2	2011-08-24
H7-15-100.1	H7-15-100	H7-15-010	0.056	1.03	-0.037	3.945	-0.651	-148.3	2011-08-24
H7-15-110.1	H7-15-110	H7-15-100	0.147	1.03	-0.023	3.822	-0.158	-93.3	2011-08-24
H7-15-150.1	H7-15-150	H7-15-991	0.049	1.03	-0.016	3.576	-0.330	-61.4	2011-08-24
H7-15-991.1	H7-15-991	H7-15-110	0.049	1.03	-0.019	3.609	-0.386	-81.4	2011-08-24
H7-AD-001_H7-AD-002	H7-AD-001	H7-AD-002	0.674	1.15	-0.005	3.801	-0.007	188.5	2011-08-24
H7-AD-002_H7-15-003	H7-AD-002	H7-15-003	0.830	1.15	-0.014	4.506	-0.017	139.3	2011-08-24
H7-AD-003_H7-AD-004	H7-AD-003	H7-AD-004	0.344	1.16	0.063	4.578	0.184	437.8	2011-08-24
H7-AD-004_H7-AD-005	H7-AD-004	H7-AD-005	0.641	1.16	0.063	4.459	0.098	400.4	2011-08-24
H7-AD-005_H7-AD-006	H7-AD-005	H7-AD-006	0.098	1.19	0.063	5.545	0.645	386.4	2011-08-24
H7-AD-006_H5-AD-698	H7-AD-006	H5-AD-698	0.191	1.20	0.065	4.542	0.341	520.6	2011-08-24
H7-CL-001_H7-CL-004	H7-CL-001	H7-CL-004	0.054	1.11	-0.057	4.534	-1.056	-485.0	2011-08-24
H7-CL-004_H7-CL-006	H7-CL-004	H7-CL-006	0.651	1.15	0.059	3.412	0.090	185.7	2011-08-24
H7-CL-006_H7-15-005	H7-CL-006	H7-15-005	0.482	1.15	0.094	4.165	0.195	840.7	2011-08-24
H7-CL-010_H5-CL-648	H7-CL-010	H5-CL-648	0.206	1.19	0.185	4.108	0.900	-1211.4	2011-08-24
H7-GR-001_H7-GR-003	H7-GR-001	H7-GR-003	0.074	1.14	-0.046	8.308	-0.622	-418.2	2011-08-24
H7-GR-003_H7-GR-004	H7-GR-003	H7-GR-004	0.058	1.16	0.040	3.279	0.694	419.7	2011-08-24
H7-GR-004_H7-GR-005	H7-GR-004	H7-GR-005	0.739	1.16	0.058	2.978	0.079	775.8	2011-08-24
H7-GR-005_H7-GR-006	H7-GR-005	H7-GR-006	1.249	1.16	0.057	2.889	0.046	755.9	2011-08-24
H7-GR-006_H7-15-004	H7-GR-006	H7-15-004	0.239	1.15	0.078	2.599	0.327	1158.1	2011-08-24
H7-GR-010_H7-GR-013	H7-GR-010	H7-GR-013	0.084	1.20	0.036	8.113	0.433	209.7	2011-08-24
H7-GR-013_H5-GR-674	H7-GR-013	H5-GR-674	0.559	1.21	0.038	4.532	0.068	353.6	2011-08-24
H7-INT-001_H6-INT-002	H7-INT-001	H6-IC	0.584	0.90	0.156	3.484	0.267	7021.6	2011-08-24
H7-JE-001_H7-15-002	H7-JE-001	H7-15-002	1.178	1.16	0.093	3.426	0.079	1461.5	2011-08-24
H7-JE-003_H7-JE-004	H7-JE-003	H7-JE-004	0.424	1.15	0.065	4.340	0.153	826.8	2011-08-24
H7-JE-006_H7-JE-004	H7-JE-006	H7-JE-004	0.413	1.16	-0.065	4.011	-0.157	-816.7	2011-08-24
H7-JE-007_H7-JE-006	H7-JE-007	H7-JE-006	0.090	1.18	-0.065	9.320	-0.725	-794.6	2011-08-24

H7-MA-001_H7-MA-002	H7-MA-001	H7-MA-002	0.048	1.15	0.001	4.281	0.012	30.0	2011-08-24
H7-MA-002_H7-MA-004	H7-MA-002	H7-MA-004	0.044	1.15	0.002	4.345	0.042	28.2	2011-08-24
H7-MA-003_H7-MA-004	H7-MA-003	H7-MA-004	0.044	1.15	0.001	4.345	0.034	110.7	2011-08-24
H7-MA-004_H7-MA-006	H7-MA-004	H7-MA-006	0.043	1.15	0.004	4.865	0.083	133.1	2011-08-24
H7-MA-006_H7-15-001	H7-MA-006	H7-15-001	0.641	1.15	0.004	2.742	0.006	128.6	2011-08-24
H7-MA-008_H5-MA-756A	H7-MA-008	H5-MA-756A	0.036	1.18	0.030	5.783	0.825	428.0	2011-08-24
H7-PA-001_H7-PA-004	H7-PA-001	H7-PA-004	0.056	1.10	0.007	5.884	0.124	77.8	2011-08-24
H7-PA-004_H7-PA-005	H7-PA-004	H7-PA-005	0.072	1.05	0.048	2.402	0.668	481.8	2011-08-24
H7-PA-005_H7-PA-007	H7-PA-005	H7-PA-007	0.065	1.04	-0.023	4.508	-0.360	-260.0	2011-08-24
H7-PA-007B_H7-PA-007	H7-PA-007B	H7-PA-007	3.730	1.05	0.006	1.847	0.002	70.4	2011-08-24
H7-PA-011_H7-15-009	H7-PA-011	H7-15-009	0.087	1.25	0.041	5.443	0.471	713.5	2011-08-24
H7-SIP-006_H7-SIP-005	H7-SIP-006	WWTP	0.000	0.17	0.613	0.405		39697.7	2011-08-24
H7-WI-001_H7-WI-002	H7-WI-001	H7-WI-002	0.101	1.38	0.037	2.371	0.366	418.5	2011-08-24
H7-WI-002_H7-WI-003	H7-WI-002	H7-WI-003	0.274	1.37	0.040	2.658	0.145	447.6	2011-08-24
H7-WI-003_H7-WI-004	H7-WI-003	H7-WI-004	0.231	1.36	0.040	4.573	0.172	440.7	2011-08-24
H7-WI-004_H7-WI-005	H7-WI-004	H7-WI-005	0.133	1.35	0.040	2.868	0.299	434.0	2011-08-24
H7-WI-005_H7-WI-009	H7-WI-005	H7-WI-009	0.190	1.35	0.040	3.436	0.209	423.4	2011-08-24
H7-WI-007_H7-WI-009	H7-WI-007	H7-WI-009	0.065	1.40	0.024	6.014	0.370	347.5	2011-08-24
H7-WI-009_H7-15-007	H7-WI-010	H7-15-007	0.287	1.23	0.128	3.103	0.447	1840.1	2011-08-24
H7-WI-013_H7-15-007	H7-WI-013	H7-15-007	0.713	1.14	0.092	3.103	0.129	1151.8	2011-08-24
H7-WI-014A_H7-WI-014	H7-WI-014A	H7-WI-013	0.989	1.14	0.071	2.628	0.072	812.1	2011-08-24
H7-WI-015_H7-15-006	H7-WI-015	H7-15-006	0.418	1.15	0.021	3.171	0.050	300.4	2011-08-24
H7-WI-017_H7-WI-014A	H7-WI-017	H7-WI-014A	0.827	1.15	0.061	2.621	0.074	710.6	2011-08-24
H7-WI-017B_H7-WI-017	H7-WI-017B	H7-WI-017	0.100	1.16	0.014	4.256	0.136	165.4	2011-08-24
H7-WI-019_H7-WI-017	H7-WI-019	H7-WI-017	0.252	1.15	0.006	2.280	0.023	57.7	2011-08-24
H7-WW.1	H7-WW	H7-15-012B	0.000	1.03	-0.167	0.936		-7247.5	2011-08-24
HHA-FM_DITCH	HHA-FM	HHA-OF	0.156	7.59	0.317	23.680	2.037	3965.0	2011-08-24
HSI.1	HSI	SPS	0.309	0.91	0.033	0.221	0.107	724.1	2011-08-24
HSI-05-002A_HSI-05-002	HSI-05-002A	HSI-05-002	0.264	5.30	0.051	1.500	0.192	554.4	2011-08-24
HSI-05-010.1	HSI-05-010	HSI	0.590	3.37	0.207	0.432	0.350	2213.1	2011-08-24
HSI-RI-001_HSI-RI-003A	HSI-RI-001	HSI-RI-003A	0.268	12.67	0.042	0.850	0.156	479.7	2011-08-24
HSI-RI-003A_HSI-RI-008	HSI-RI-003A	HSI-RI-008	0.303	11.10	0.114	0.786	0.377	1201.2	2011-08-24
HSI-RI-004A_HSI-RI-003A	HSI-RI-004A	HSI-RI-003A	0.117	13.80	0.063	1.275	0.538	616.9	2011-08-24
HSI-RI-004AV_HSI-RI-004A	HSI-RI-004AV	HSI-RI-004A	0.000	14.18	0.045	2.520		440.3	2011-08-24
HSI-RI-004B_HSI-RI-004AV	HSI-RI-004B	HSI-RI-004AV	0.000	14.57	0.045	4.451		440.6	2011-08-24
HSI-RI-004C_HSI-RI-004B	HSI-RI-004C	HSI-RI-004B	0.000	14.84	0.018	5.769		165.8	2011-08-24
HSI-RI-004E_HSI-RI-004B	HSI-RI-004E	HSI-RI-004B	0.000	15.42	0.027	8.590		275.5	2011-08-24
HSI-RI-004H_HSI-RI-004A	HSI-RI-004H	HSI-RI-004A	0.182	15.27	0.018	1.046	0.100	177.0	2011-08-24
HSI-RI-008_HSI-05-002	HSI-RI-008	HSI-05-002	0.478	7.65	0.150	1.200	0.314	1592.8	2011-08-24
HWF-INT-012_HWF-INT-013	HWF-INT-012	SPS	1.537	0.44	0.445	2.834	0.289	26002.3	2011-08-24
HWF-INT-016A_H5-INT-007A	HWF-INT-016A	H5-INT-007A	0.267	8.38	0.440	0.687	1.650	26619.1	2011-08-24
Link_10	Node_77	Outfall8	10.635	0.96	1.230	1.616	0.116	6722.2	2011-08-24
Link_103	H4-IC	H3-INT-007	2.656	0.47	0.231	2.845	0.087	11458.1	2011-08-24
Link_11	H6-14-010	H6	1.117	1.24	0.536	1.925	0.480	6236.9	2011-08-24
Link_110	HSI-OF	HWF-INT-016	5.961	1.00	0.174	0.853	0.029	1489.1	2011-08-24

Link_112	Node_32	Node_61	2.333	1.01	0.201	0.983	0.086	1544.4	2011-08-24
Link_113	Node_45	Node_64	149.390	1.00	2.526	0.307	0.017	28944.3	2011-08-24
Link_115	Node_62	Node_40	777.648	0.95	2.326	0.315	0.003	26934.9	2011-08-24
Link_116	Node_66	Node_39	483.665	0.95	0.324	0.989	0.001	6896.0	2011-08-24
Link_12	Node_75	Node_10	3.277	0.95	0.105	3.635	0.032	1248.0	2011-08-24
Link_120	H5_GC	H5_Inflow_Dummy	0.000	0.78	1.268	1.583		14113.7	2011-08-24
Link_121	H5_Outflow_Dummy	H5_OF	0.000	0.77	0.038	1.578		130.7	2011-08-24
Link_128	H7-PA-005	Node_74	2.723	0.96	0.105	2.662	0.039	1248.0	2011-08-24
Link_131	H7-15-012D	Node_76	12.682	1.01	1.230	1.446	0.097	6731.6	2011-08-24
Link_133	14VO-14-007	Node_78	0.417	1.28	0.186	1.168	0.446	1726.8	2011-08-24
Link_135	Node_80	5	0.000	0.96	1.210	1.010		3720.4	2011-08-24
Link_137	Outfall3Gate2	Outfall3	2.174	0.96	0.685	2.197	0.315	5629.8	2011-08-24
Link_138	OF-H1-V2	HWF-OB-001	0.603	0.95	0.000	2.105	0.000	0.0	2011-08-24
Link_139	H4-PA-004	H4-PA-005	1.720	1.19	-0.229	1.713	-0.133	-2663.6	2011-08-24
Link_140	H1-HA-130	PR_DH_MH1	0.559	1.01	0.064	1.629	0.115	117.6	2011-08-24
Link_143	RG-3	H2-WA-005A	1.342	5.00	0.000	0.010	0.000	3.7	2011-08-24
Link_166	HHA-OF	Node_92	10.895	2.63	0.134	0.187	0.012	3897.8	2011-08-24
Link_167	Node_92	Node_34	18.012	2.45	0.612	0.336	0.034	8873.7	2011-08-24
Link_168	H1-OB-122A	MH-T7-OBS	1.169	0.98	0.502	2.787	0.429	2857.0	2011-08-24
Link_170	H1-OB-101	MH-T5-OBS	0.357	1.01	0.178	3.236	0.497	4427.1	2011-08-24
Link_171	T5-OBS_A	MH-T5-OBS	0.106	0.93	-0.081	7.764	-0.763	35.0	2011-08-24
Link_173	H1-OB-080A	H1-OB-077	3.082	0.92	1.228	2.156	0.398	41440.1	2011-08-24
Link_175	MH-T6-NEW	H1-NE-029A	1.182	0.99	0.165	2.797	0.140	4147.8	2011-08-24
Link_177	H1-JA-034	MH-T2-2STB	1.267	0.99	0.206	4.670	0.163	2745.1	2011-08-24
Link_183	Node_118	T2-4ST	0.000	1.10	0.000	0.005		0.0	2011-08-24
Link_203	H4-JA-002	MH-T5-5STB	6.157	0.95	0.060	2.389	0.010	957.3	2011-08-24
Link_241	H5-MA-762	H5-MA-764	0.098	1.15	0.095	4.796	0.960	2011.2	2011-08-24
Link_246	H1-MA-048	H1-MA-044	0.530	1.07	0.100	3.071	0.189	1326.0	2011-08-24
Link_257	H1-JE-023	H1-01-080	0.121	1.03	0.361	1.663	2.986	10595.5	2011-08-24
Link_260	H5-AD-717	H5-AD-714	0.051	1.23	0.021	5.313	0.404	287.0	2011-08-24
Link_263	H4-AD-002	H4-AD-010	0.704	1.19	0.033	2.034	0.046	337.8	2011-08-24
Link_266	H1-AD-048	H1-AD-043	0.585	1.11	0.122	2.451	0.209	1393.7	2011-08-24
Link_272	H4-GR-009	H4-GR-008	1.125	1.18	0.034	1.484	0.030	371.5	2011-08-24
Link_277	H1-GR-046	H1-GR-038	0.504	1.11	0.119	2.474	0.236	785.5	2011-08-24
Link_294	H3-05-090	H3-WI-015	0.881	1.12	0.218	3.359	0.247	3397.7	2011-08-24
Link_296	H7-WI-009	H7-WI-010	0.287	1.30	0.136	2.364	0.473	1794.2	2011-08-24
Link_300	H4-CL-018	H4-CL-020	0.091	1.24	0.042	3.721	0.461	457.9	2011-08-24
Link_307	H1-GA-017	H1-GA-012	1.135	0.85	0.637	1.613	0.561	12494.0	2011-08-24
Link_312	Node_91	HHA-OF	10.895	2.72	0.011	0.074	0.001	-3.6	2011-08-24
Link_314	T7-OBS	T7OBS-Weir-Dummy	0.000	0.96	-0.056	1.316		28.2	2011-08-24
Link_34	Node_30	Node_31	19.937	1.06	-0.039	0.173	-0.002	-98.7	2011-08-24
Link_35	Node_61	Node_33	2.333	1.01	0.200	0.587	0.086	1349.6	2011-08-24
Link_36	Node_67	Node_32	0.469	1.01	0.084	3.288	0.178	740.6	2011-08-24
Link_38	Node_31	Node_35	0.253	1.10	-0.062	0.923	-0.244	-688.7	2011-08-24
Link_382	NJT-OVERFLOW	Node_37	0.830	1.04	0.324	0.429	0.390	7686.9	2011-08-24
Link_39	Node_35	Node_36	0.820	2.03	-0.228	0.329	-0.279	-1093.6	2011-08-24

Link_4	H2-OF	Outfall3Gate1	1.429	1.14	0.685	2.380	0.480	5660.2	2011-08-24
Link_40	Node_36	NJT-OVERFLOW	0.843	1.29	0.324	0.460	0.384	7700.5	2011-08-24
Link_41	Node_37	Node_38	9.091	0.98	0.324	2.182	0.036	7288.4	2011-08-24
Link_43	Node_32	Node_31	5.051	1.05	-0.091	0.212	-0.018	-837.1	2011-08-24
Link_44	Node_38	Node_65	850.000	0.98	0.324	0.870	0.000	7135.3	2011-08-24
Link_45	Node_34	Node_36	3.917	1.47	0.550	0.554	0.140	8851.4	2011-08-24
Link_48	Node_33	Node_43	39.108	1.01	-0.227	0.397	-0.006	1500.8	2011-08-24
Link_49	Node_43	Node_44	56.902	1.01	-0.280	0.473	-0.005	1312.4	2011-08-24
Link_50	Node_44	Node_45	107.686	1.00	-0.441	0.560	-0.004	1146.9	2011-08-24
Link_6	H3-RI-006	H3-INT-003A	15.996	1.01	0.624	2.003	0.039	-2771.7	2011-08-24
Link_8	HSI-05-002	HSI-05-010	0.339	3.74	0.207	0.639	0.609	2213.3	2011-08-24
Link_9	H5-11-009	H5	1.145	0.88	0.582	3.175	0.508	2738.1	2011-08-24
New2	H2-IC	H2-INT-007	3.413	0.94	0.246	2.579	0.072	4193.5	2011-08-24
New3	HWF-INT-016	OF-H4-TG2	5.961	1.00	0.174	1.265	0.029	1484.1	2011-08-24
OF-H4-TG2.1	OF-H4-TG2	outfall5-tg	3.415	0.99	1.210	1.510	0.354	3741.3	2011-08-24
RG-1_H2-03-020	RG-1	H2-03-020	0.600	2.04	-0.003	0.978	-0.005	12.0	2011-08-24
RG-10_H5-WA-440	RG-10	H5-WA-440	0.915	1.94	0.003	2.124	0.003	71.5	2011-08-24
RG-11_H5-WA-400	RG-11	H5-WA-400	0.944	1.95	0.006	2.232	0.006	79.4	2011-08-24
RG-12_H5-WA-400	RG-12	H5-WA-400	0.944	1.95	0.004	2.232	0.004	72.6	2011-08-24
RG-13_H5-WA-350	RG-13	H5-WA-350	0.949	1.73	-0.107	2.824	-0.113	83.1	2011-08-24
RG-14_H5-WA-356	RG-14	H5-WA-356	0.954	1.76	-0.106	2.800	-0.111	40.1	2011-08-24
RG-15_H6-WA-004	RG-15	H6-WA-004	0.900	1.79	0.008	2.191	0.009	87.1	2011-08-24
RG-2_H2-WA-005A	RG2	H2-WA-005A	1.342	5.01	0.001	0.016	0.000	21.3	2011-08-24
RG-4_H2-WA-007	RG-4	H2-WA-007	1.643	6.50	0.000	0.011	0.000	3.3	2011-08-24
RG-5_H2-WA-009	RG-5	H2-WA-009	1.375	6.51	0.001	0.331	0.001	30.3	2011-08-24
RG-6_H2-WA-011	RG-6	H2-WA-011	1.342	7.00	0.000	0.010	0.000	4.4	2011-08-24
RG-7_H5-WA-490	RG-7	H5-WA-490	0.915	3.16	0.011	0.077	0.012	111.9	2011-08-24
RG-8_H5-WA-480	RG-8	H5-WA-480	0.915	3.05	0.006	0.312	0.007	80.5	2011-08-24
RG-9_H5-WA-440	RG-9	H5-WA-440	0.977	2.07	0.006	2.124	0.006	76.4	2011-08-24
T10-MAD_A_H5-MA-764	T10-MAD_A	H5-MA-764	0.100	1.02	-0.090	7.972	-0.900	12.1	2011-08-24
T10-MAD-DUMMY	T10-MAD-DUMMY	T10-MAD	0.000	1.02	0.000	2.101		0.0	2011-08-24
T11-MAD_A_H5-MA-768	T11-MAD_A	H5-MA-768	0.079	1.10	-0.111	9.439	-1.412	-1.0	2011-08-24
T11-MAD-DUMMY	T11-MAD-DUMMY	T11-MAD	0.000	1.10	0.000	1.305		0.0	2011-08-24
T15-MAD_A_H1-MA-044	T15-MAD_A	H1-MA-044	0.086	1.07	-0.030	7.403	-0.353	8.8	2011-08-24
T15-MAD-DUMMY	T15-MAD-DUMMY	T15-MAD	0.000	1.70	0.000	0.005		0.0	2011-08-24
T16-MAD_A_H1-MA-041	T16-MAD_A	H1-MA-041	0.079	1.06	-0.052	7.317	-0.664	8.8	2011-08-24
T16-MAD-DUMMY	T16-MAD-DUMMY	T16-MAD	0.000	1.44	0.000	0.005		0.0	2011-08-24
T1-7ST_A_H4-07-190	T1-7ST_A	H4-07-190	0.079	1.13	-0.077	7.334	-0.981	-0.5	2011-08-24
T1-7ST-DUMMY	T1-7ST-DUMMY	T1-7ST	0.000	1.40	0.000	0.005		0.0	2011-08-24
T1-7ST-WEIR-DUMMY	T1-7ST	T1-7ST-WEIR-DUMMY	0.000	1.12	-0.077	1.299		12.2	2011-08-24
T1-GAR_A_H4-04-008	T1-GAR_A	H4-04-008	0.093	1.10	0.001	5.526	0.005	8.0	2011-08-24
T1-GAR-DUMMY	T1-GAR-DUMMY	T1-GAR	0.000	2.40	0.000	0.005		0.0	2011-08-24
T1-HAR_A_H4-HA-003	T1-HAR_A	H4-HA-003	0.079	1.18	-0.055	5.722	-0.698	43.6	2011-08-24
T1-HAR-DUMMY	T1-HAR-DUMMY	T1-HAR	0.000	1.40	0.000	0.005		0.0	2011-08-24
T1-NEW_A_H1-NE-003	T1-NEW_A	H1-NE-003	0.035	0.83	-0.117	6.653	-3.327	8.9	2011-08-24
T1-NEW-DUMMY	T1-NEW-DUMMY	T1-NEW	0.000	0.83	0.000	0.180		0.0	2011-08-24

T1-NEW-WEIR-DUMMY	T1-NEW	T1-NEW-WEIR-DUMMY	0.000	0.83	-0.117	1.322		22.3	2011-08-31
T2-2ST_A_MH-T2-2STB	T2-2ST_A	MH-T2-2STB	0.149	0.96	-0.069	10.494	-0.462	-14.4	2011-08-31
T2-2ST-DUMMY	T2-2ST-DUMMY	T2-2ST	0.000	1.10	0.000	0.005		0.0	2011-08-31
T2-2ST-WEIR-DUMMY	T2-2ST	T2-2ST-WEIR-DUMMY	0.000	0.96	-0.069	1.239		11.2	2011-08-31
T2-4ST_A_H1-CL-036	T2-4ST_A	H1-CL-036	0.152	1.08	-0.051	6.309	-0.337	42.2	2011-08-31
T2-5ST_A_H1-AD-042	T2-5ST_A	H1-AD-042	0.153	1.09	0.044	6.233	0.287	23.4	2011-08-31
T2-5ST-DUMMY	T2-5ST-DUMMY	T2-5ST	0.000	1.50	0.000	0.005		0.0	2011-08-31
T2-6ST_A_H1-JE-050	T2-6ST_A	H1-JE-050	0.186	1.06	-0.051	6.735	-0.271	21.7	2011-08-31
T2-6ST-DUMMY	T2-6ST-DUMMY	T2-6ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T2-7ST_A_H4-07-200	T2-7ST_A	H4-07-200	0.086	1.19	-0.065	7.476	-0.754	-17.4	2011-08-31
T2-7ST-DUMMY	T2-7ST-DUMMY	T2-7ST	0.000	1.80	0.000	0.005		0.0	2011-08-31
T2-BLM_A_H4-04-007	T2-BLM_A	H1-BL-037	0.079	1.15	0.006	1.037	0.080	35.4	2011-08-31
T2-BLM-DUMMY	T2-BLM-DUMMY	T2-BLM	0.000	3.50	0.000	0.005		0.0	2011-08-31
T2-JAC_A_H4-JA-006	T2-JAC_A	H4-JA-006	0.079	1.17	-0.052	5.781	-0.659	22.3	2011-08-31
T2-JAC-DUMMY	T2-JAC-DUMMY	T2-JAC	0.000	1.40	0.000	0.005		0.0	2011-08-31
T2-MON_A_H5-MO-794	T2-MON_A	H5-MO-794	0.086	1.18	-0.068	6.962	-0.791	33.4	2011-08-31
T2-MON-DUMMY	T2-MON-DUMMY	T2-MON	0.000	1.19	0.000	0.499		0.0	2011-08-31
T3-3ST_A_H1-03-170	T3-3ST_A	H1-03-170	0.079	0.97	-0.091	8.978	-1.153	0.9	2011-08-31
T3-3ST-DUMMY	T3-3ST-DUMMY	T3-3ST	0.000	1.00	0.000	0.005		0.0	2011-08-31
T3-3ST-WEIR-DUMMY	T3-3ST	T3-3ST-WEIR-DUMMY	0.000	0.97	-0.091	1.356		18.1	2011-08-31
T3-4ST_A_H1-AD-039	T3-4ST_A	H1-AD-039	0.122	1.08	0.041	6.366	0.339	22.7	2011-08-31
T3-4ST-DUMMY	T3-4ST-DUMMY	T3-4ST	0.000	1.32	0.000	0.005		0.0	2011-08-31
T3-6ST_A_H1-MA-048	T3-6ST_A	H1-MA-048	0.172	1.07	-0.079	7.558	-0.455	-7.0	2011-08-31
T3-6ST-DUMMY	T3-6ST-DUMMY	T3-6ST	0.000	1.40	0.000	0.005		0.0	2011-08-31
T3-ADM_A_H5-AD-714	T3-ADM_A	H5-AD-714	0.086	1.20	-0.054	6.210	-0.630	10.1	2011-08-31
T3-ADM-DUMMY	T3-ADM-DUMMY	T3-ADM	0.000	1.55	0.000	0.005		0.0	2011-08-31
T3-GND-DUMMY	T3-GND-DUMMY	T3-GND	0.000	1.83	0.000	0.005		0.0	2011-08-31
T3-JAC_A_H4-JA-004	T3-JAC_A	H4-JA-004	0.093	1.08	-0.108	8.250	-1.155	2.9	2011-08-31
T3-JAC-DUMMY	T3-JAC-DUMMY	T3-JAC	0.000	1.13	0.000	0.005		0.0	2011-08-31
T3-OBS_A_H1-OB-080A	T3-OBS_A	H1-OB-080A	0.109	0.91	0.047	6.329	0.434	139.7	2011-08-31
T3-OBS-DUMMY	T3-OBS-DUMMY	T3-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
T3-OBS-WEIR-DUMMY	T3-OBS	T3-BS-WEIR-DUMMY	0.000	0.91	0.047	1.328		148.2	2011-08-31
T4-4ST_A_H1-MA-038	T4-4ST_A	H1-MA-038	0.130	0.93	-0.084	11.419	-0.647	-26.4	2011-08-31
T4-4ST-DUMMY	T4-4ST-DUMMY	T4-4ST	0.000	0.93	0.000	0.006		0.0	2011-08-31
T4-5ST_A_H1-MA-041	T4-5ST_A	H1-MA-041	0.145	1.03	-0.059	7.586	-0.404	10.0	2011-08-31
T4-5ST-DUMMY	T4-5ST-DUMMY	T4-5ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T4-6ST_A_H1-MO-057	T4-6ST_A	H1-MO-057	0.141	1.00	-0.118	11.484	-0.836	-51.3	2011-08-31
T4-6ST-DUMMY	T4-6ST-DUMMY	T4-6ST	0.000	1.13	0.000	0.005		0.0	2011-08-31
T4-GND_A_H4-GR-008	T4-GND_A	H4-GR-008	0.086	1.18	0.036	4.606	0.414	20.8	2011-08-31
T4-GND-DUMMY	T4-GND-DUMMY	T4-GND	0.000	1.72	0.000	0.005		0.0	2011-08-31
T5-5ST_A_H1-JA-046	T5-5ST_A	MH-T5-5STB	0.141	0.95	-0.062	9.764	-0.437	27.1	2011-08-31
T5-5ST-DUMMY	T5-5ST-DUMMY	T5-5ST	0.000	1.05	0.000	0.005		0.0	2011-08-31
T5-9ST_A_H4-GR-012	T5-9ST_A	H4-GR-012	0.149	1.19	-0.064	6.827	-0.429	-2.4	2011-08-31
T5-9ST-DUMMY	T5-9ST-DUMMY	T5-9ST	0.000	1.83	0.000	0.005		0.0	2011-08-31
T5-GND_A_H1-GR-054	T5-GND_A	H1-GR-054	0.079	1.10	0.052	7.748	0.663	12.3	2011-08-31

T5-GND-DUMMY	T5-GND-DUMMY	T5-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T5-JAC_A_H1-JA-043	T5-JAC_A	H1-JA-043	0.100	0.90	-0.108	10.557	-1.084	21.3	2011-08-24
T5-JAC-DUMMY	T5-JAC-DUMMY	T5-JAC	0.000	0.90	0.000	0.970		0.0	2011-08-24
T5-JEF_A_H5-11-730	T5-JEF_A	H5-11-730	0.078	1.20	-0.056	7.130	-0.716	1.3	2011-08-24
T5-JEF-DUMMY	T5-JEF-DUMMY	T5-JEF	0.000	1.70	0.000	0.005		0.0	2011-08-24
T5-OBS-DUMMY	T5-OBS-DUMMY	T5-OBS	0.006	1.01	0.000	0.005	0.000	0.0	2011-08-24
T5-OBS-WEIR-DUMMY	T5-OBS	T5-OBS-WEIR-DUMMY	0.000	0.93	-0.080	1.358		47.2	2011-08-24
T6-4ST_A_H1-HA-141	T6-4ST_A	H1-HA-141	0.035	0.95	-0.054	4.749	-1.546	56.5	2011-08-24
T6-4ST_DUMMY	T6-4ST-DUMMY	T6-4ST	0.000	1.10	0.000	0.005		0.0	2011-08-24
T6-5ST_A_H1-MO-047	T6-5ST_A	H1-MO-047	0.153	1.00	-0.105	11.685	-0.686	-40.4	2011-08-24
T6-5ST-DUMMY	T6-5ST-DUMMY	T6-5ST	0.000	1.14	0.000	0.005		0.0	2011-08-24
T6-ADM_A_H4-AD-010	T6-ADM_A	H4-AD-010	0.085	1.19	0.034	4.828	0.404	64.9	2011-08-24
T6-ADM-DUMMY	T6-ADM-DUMMY	T6-ADM	0.000	1.63	0.000	0.005		0.0	2011-08-24
T6-GND_A_H1-GR-045	T6-GND_A	H1-GR-046	0.101	1.11	0.042	6.128	0.420	29.4	2011-08-24
T6-GND-DUMMY	T6-GND-DUMMY	T6-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T6-JEF_A_H5-JE-742	T6-JEF_A	H5-JE-742	0.070	1.21	0.056	6.717	0.797	42.7	2011-08-24
T6-JEF-DUMMY	T6-JEF-DUMMY	T6-JEF	0.000	1.60	0.000	0.005		0.0	2011-08-24
T6-MON_A_H4-MO-001	T6-MON_A	H4-MO-001	0.093	1.13	-0.066	8.207	-0.709	25.3	2011-08-24
T6-MON-DUMMY	T6-MON-DUMMY	T6-MON	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW_A_MH-T6-NEW	T6-NEW_A	MH-T6-NEW	0.090	0.99	0.027	5.502	0.304	55.1	2011-08-24
T6-NEW-DUMMY	T6-NEW-DUMMY	T6-NEW	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW-WEIR-DUMMY	T6-NEW	T6-NEW-WEIR-DUMMY	0.000	0.99	0.027	1.173		63.2	2011-08-24
T7-5ST_A_MH-T5-TSTB	T7-5ST_A	MH-T5-5STB	0.145	0.95	-0.065	9.766	-0.447	-46.3	2011-08-24
T7-5ST-DUMMY	T7-5ST-DUMMY	T7-5ST	0.000	1.05	0.000	0.005		0.0	2011-08-24
T7-JEF_A_H1-JE-031	T7-JEF_A	H1-JE-031	0.070	0.97	-0.087	8.159	-1.240	20.2	2011-08-24
T7-JEF-DUMMY	T7-JEF-DUMMY	T7-JEF	0.000	1.05	0.000	0.005		0.0	2011-08-24
T7-JEF-WEIR-DUMMY	T7-JEF	T7-JEF-WEIR-DUMMY	0.000	0.96	-0.087	1.336		34.8	2011-08-24
T7-MON_A_H1-MO-062	T7-MON_A	H1-MO-062	0.086	1.02	-0.067	8.914	-0.776	7.6	2011-08-24
T7-MON-DUMMY	T7-MON-DUMMY	T7-MON	0.000	1.22	0.000	0.005		0.0	2011-08-24
T7-OBS_MH-T7-OBS	T7-OBS_A	MH-T7-OBS	0.110	0.96	-0.056	6.242	-0.512	20.1	2011-08-24
T7-OBS-DUMMY	T7-OBS-DUMMY	T7-OBS	0.000	1.20	0.000	0.005		0.0	2011-08-24
T8-ADM=DUMMY	T8-ADM-DUMMY	T8-ADM	0.000	1.50	0.000	0.005		0.0	2011-08-24
T8-ADM_A_H1-AD-043	T8-ADM_A	H1-AD-043	0.091	1.10	0.044	6.312	0.485	85.4	2011-08-24
T8-JEF_A_H1-JE-023	T8-JEF_A	H1-JE-023	0.086	0.99	-0.061	6.287	-0.706	38.5	2011-08-24
T8-JEF-DUMMY	T8-JEF-DUMMY	T8-JEF	0.000	1.20	0.000	0.005		0.0	2011-08-24
T8-JEF-WEIR-DUMMY	T8-JEF	T8-JEF-WEIR-DUMMY	0.000	0.98	-0.061	1.350		46.5	2011-08-24
T8-MAD_A_H5-11-750	T8-MAD_A	H5-11-750	0.100	1.18	-0.056	6.882	-0.567	11.6	2011-08-24
T8-MAD-DUMMY	T8-MAD-DUMMY	T8-MAD	0.000	1.30	0.000	0.005		0.0	2011-08-24
T9-ADM_A_H1-AD-035	T9-ADM_A	H1-03-140	0.070	0.98	-0.082	9.157	-1.168	65.0	2011-08-24
T9-ADM-DUMMY	T9-ADM-DUMMY	T9-ADM	0.000	1.05	0.000	0.005		0.0	2011-08-24
T9-MAD_A_H5-11-750	T9-MAD_A	H5-11-750	0.088	1.18	0.058	6.869	0.659	12.9	2011-08-24
T9-MAD-DUMMY	T9-MAD-DUMMY	T9-MAD	0.000	1.30	0.000	0.005		0.0	2011-08-24
TD12-13ST_A_H5-CL-648	TD12-13ST_A	H5-CL-648	0.149	1.19	-0.035	7.157	-0.234	-18.1	2011-08-24
TD12-13ST-DUMMY	TD12-13ST-DUMMY	TD12-13ST	0.000	2.03	0.000	0.005		0.0	2011-08-24
TD14-CLA_A_H1-CL-036	TD14-CLA_A	H1-CL-036	0.035	1.07	0.050	6.301	1.414	15.2	2011-08-24
TD14-CLA-DUMMY	TD14-CLA-DUMMY	TD14-CLA	0.000	1.33	0.000	0.005		0.0	2011-08-24

TD1-4ST_A_H1-CL-036	TD1-4ST_A	H1-CL-036	0.145	1.08	-0.053	6.309	-0.368	6.1	2011-08-31
TD1-4ST-DUMMY	TD1-4ST-DUMMY	TD1-4ST	0.000	1.23	0.000	0.005		0.0	2011-08-31
TD1-WIL_A_H3-WI-022	TD1-WIL_A	H3-WI-022	0.079	1.10	0.055	5.697	0.697	18.4	2011-08-31
TD1-WIL-DUMMY	TD1-WIL-DUMMY	TD1-WIL	0.000	1.54	0.000	0.005		0.0	2011-08-31
TD23-CLA_A_H3-CL-007	TD23-CLA_A	H3-CL-007	0.050	1.13	0.052	5.417	1.053	27.5	2011-08-31
TD23-CLA-DUMMY	TD23-CLA-DUMMY	TD23-CLA	0.000	1.60	0.000	0.005		0.0	2011-08-31
TD25-WIL_A_H7-WI-009	TD6-WIL_A	H3-WI-015	0.079	1.11	0.048	5.508	0.614	18.9	2011-08-31
TD25-WIL_A_H7-WI-010	TD25-WIL_A	H7-WI-010	0.086	1.24	0.058	5.231	0.675	58.2	2011-08-31
TD25-WIL-DUMMY	TD25-WIL-DUMMY	TD25-WIL	0.000	1.60	0.000	0.005		0.0	2011-08-31
TD30-CLA_A_H4-CL-020	TD30-CLA_A	H4-CL-020	0.103	1.23	-0.041	4.375	-0.404	18.8	2011-08-31
TD30-CLA-DUMMY	TD30-CLA-DUMMY	TD30-CLA	0.000	1.85	0.000	0.005		0.0	2011-08-31
TD31-CLA_A_H5-CL-662	TD31-CLA_A	H5-CL-662	0.086	1.22	-0.001	2.541	-0.013	12.2	2011-08-31
TD31-CLA-DUMMY	TD31-CLA-DUMMY	TD31-CLA	0.000	2.89	0.000	0.005		0.0	2011-08-31
TD4-OBS_A_H1-OB-071	TD4-OBS_A	H1-OB-071	0.110	0.85	-0.070	8.589	-0.641	-10.2	2011-08-31
TD4-OBS-DUMMY	TD4-OBS-DUMMY	TD4-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
TD4-OBS-WEIR-DUMMY	TD4-OBS	TD4-OBS-WEIR-DUMMY	0.000	0.85	-0.039	1.158		9.6	2011-08-31
TD6-WIL-DUMMY	TD6-WIL-DUMMY	TD6-WIL	0.000	1.53	0.000	0.005		0.0	2011-08-31
TD8-GAR_A_H1-GA-012	TD8-GAR_A	H1-GA-012	0.086	0.80	0.037	6.535	0.426	37.8	2011-08-31
TD8-GAR-DUMMY	TD8-GAR-DUMMY	TD8-GAR	0.000	1.20	0.000	0.005		0.0	2011-08-31
TD8-GAR-WEIR-DUMMY	TD8-GAR	TD8-GAR-WEIR-DUMMY	0.000	0.80	0.037	1.266		48.3	2011-08-31

MIKE URBAN Hydraulic Results

Proposed DSD Alternatives: 10-Year Rainfall Event at High Tide

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File Overview

Working dir :	C:\Projects\50074974\MIKEURBAN\ProposedAlternatives\	-
Sewer network data (UND) :	2D_Prop_HT_10yrProposedAlt.MEX	7/9/2016 2:50:30 PM
Hydrological data (HGF) :	2D_Prop_HT_10yrProposedAlt.MEX	7/9/2016 2:50:30 PM
Additional parameters file (ADP) :	-	-
Dry weather flow data (DWF) :	2D_Prop_HT_10yrProposedAlt.MEX	7/9/2016 2:50:30 PM
Repetitive profile data (RPF) :	-	-
Runoff Hydrographs (CRF) :	RO_Prop_10yrProposedAlt.CRF	7/6/2016 6:58:48 PM
Hotstart file (PRF) :	-	-
Result File (PRF) :	2D_Prop_HT_10yrProposedAlt.PRF	7/9/2016 2:50:44 PM
Reduced result file (PRF) :	-	-

Time Overview

Simulation start date :	2011-08-27 09:00:00	Calculation started :	2016-07-09 14:50:43
Simulation end date :	2011-08-28 09:00:00	Calculation ended :	2016-07-10 01:46:17
Save time step [hh:mm:ss] :	0:10:00	Calculation time [hh:mm:ss] :	10:55:35
Maximum time step [sec] :	0.75	Hotstart start date :	-
Minimum time step [sec] :	0.75		

Input Summary

Number of Manholes:	845
Number of Basins:	96
Number of Outlets:	10
Number of Storage Nodes:	0
Number of Circular Pipes:	568
Number of Rectangular pipes:	325
Number of CRS defined pipes:	3
Number of Pumps:	8
Number of Controlled Pumps:	0
Number of Weirs/Orifices:	97
Number of Controlled Weirs/Gates:	0
Number of Valves:	0
Number of Controlled Valves:	0

Nodes

Min Invert Level	WWTP	-100.00 m
Max Invert Level	14VO-02-001D	45.05 m
Min Ground Level	H1-WW	0.00 m
Max Ground Level	14VO-02-001D	45.78 m
Min X Coordinate	Node_45	5.8064E05 m
Max X Coordinate	Node_79	5.8258E05 m
Min Y Coordinate	Node_62	4.5097E06 m
Max Y Coordinate	H7-GR-001	4.5124E06 m
Total Manhole Volume		4950.3 m3
Total Basin Volume		842947.9 m3

Links

Total Circular Volume	71116.2 m3
Total CRS Volume	88166.1 m3
Total Length	77685.00 m

Simulation Result Summary

Continuity Balance

1 : Start volume in Pipes, Manholes and Structures	882445.2 m3
2 : End volume in Pipes, Manholes and Structures	992906.4 m3
3 : Total inflow volume	
Specified inflows	
Runoff :	317497.2 m3
DWF :	2053.4 m3
Non-specified inflows	
Outlets (inflow) :	18.7 m3
Inflow from 2D overland :	13965.2 m3
	333534.5 m3 --> 333534.4 m3
4 : Total diverted volume	
Operational, non-specified outflows	
Outlets :	94512.2 m3
Pumps :	136516.7 m3
Flow to 2D overland :	15555.2 m3
	246584.1 m3 --> 246584.1 m3
5 : Water generated in empty parts of the system :	1927.8 m3
6 : Continuity Balance = (2-1) - (3-4+5) :	21583.2 m3
Continuity Balance max value :	21583.2 m3
Continuity Balance min value :	0.0 m3

2D overland

Inflows from 2D overland

Manholes/basins:	13965.2 m3
Outlets:	0.0 m3
Total:	13965.2 m3

Outflows to 2D overland

Manholes/basins:	15555.2 m3
Pumps:	0.0 m3
Weirs:	0.0 m3
Outlets:	0.0 m3
Diverted Runoff:	5175.4 m3
Total:	20730.6 m3

Boundary Connections

Outlet levels

Boundary Condition ID	Location	Temporal variation	Value/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
							m	m
BC_38	HWF-14-001A	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_39	5	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_40	Node_40	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_41	Node_39	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_42	Node_10	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_43	Outfall8	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_44	Outfall6	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_45	Outfall3	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_46	HWF-OB-001	Constant	0.95	Unlimited	-	-	0.95	0.95

Network loads (discharges)

Boundary Condition ID	Type	Load Type	Connection Type	Location	Temporal variation	Value/pattern/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
										m3/s	
Block12_Basin 2	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin1	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin3	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
CityHall	Discharge	Storm Runoff	Individual	H1-BL-016	Time Series	CityHall_Outflow.dfs0	Unlimited	-	-	0.000	0.000
HWF-10	Discharge	DWF	Individual	H2-01-002	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-11	Discharge	DWF	Individual	H3-RI-001	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-12	Discharge	DWF	Individual	H2-HP-001A	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-13	Discharge	DWF	Individual	H2-HP-001A	Constant	0.003	Unlimited	-	-	0.003	0.003
HWF-5	Discharge	DWF	Individual	H5-HU-015	Constant	0.009	Unlimited	-	-	0.009	0.009
HWF-6	Discharge	DWF	Individual	H5-HU-020	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-7	Discharge	DWF	Individual	H3-RI-006	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-8	Discharge	DWF	Individual	H3-RI-003	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-9	Discharge	DWF	Individual	H2-RI-004	Constant	0.001	Unlimited	-	-	0.001	0.001
Total :											

Network loads (discharges), summary by Load type

Load Type	Accumulated Value
	m3
Storm Runoff	384.1
DWF	2053.4
Total :	2437.5

Network loads (discharges), summary by Temporal variation

Temporal variation	Accumulated Value
	m3
Constant	2053.4
Time Series	384.1
Total :	2437.5

Weir/Orifice-Gate/Valve Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum
	[m3/s]	[m3/s]	[m3]		
H1.4	0.000	4.164	116780.8	2011-08-27 09:00:00	2011-08-27 21:30:00
H2.4	0.000	0.833	9960.3	2011-08-27 09:00:00	2011-08-27 22:00:00
H3.4	-0.559	0.331	-12085.0	2011-08-28 05:50:00	2011-08-27 22:00:00
H4.4	-0.061	1.401	32856.5	2011-08-27 20:40:00	2011-08-27 22:00:00
H5.4	-0.018	1.381	24204.1	2011-08-28 06:30:00	2011-08-27 22:00:00
H5_WW_Weir	0.000	1.388	19700.0	2011-08-27 09:00:00	2011-08-27 22:00:00
H6.4	-0.032	0.622	7420.2	2011-08-27 14:00:00	2011-08-27 22:00:00
H7.4	-0.131	0.000	-5985.5	2011-08-27 20:20:00	2011-08-27 09:00:00
HS1.3	0.000	0.217	1985.0	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_100	-0.085	0.036	-44.9	2011-08-27 20:30:00	2011-08-28 03:00:00
Weir_101	-0.079	0.043	47.1	2011-08-27 20:30:00	2011-08-28 03:00:00
Weir_103	-0.120	0.048	15.1	2011-08-27 21:00:00	2011-08-27 23:30:00
Weir_107	-0.029	0.043	42.4	2011-08-27 21:00:00	2011-08-27 22:20:00
Weir_110	-0.079	0.033	21.9	2011-08-27 21:00:00	2011-08-28 01:40:00
Weir_111	-0.088	0.046	9.7	2011-08-27 21:00:00	2011-08-27 23:20:00
Weir_113	-0.065	0.048	33.2	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_116	-0.028	0.052	32.0	2011-08-27 20:50:00	2011-08-27 22:20:00
Weir_118	-0.010	0.041	29.1	2011-08-27 22:00:00	2011-08-27 22:20:00
Weir_119	-0.011	0.036	7.7	2011-08-27 21:50:00	2011-08-27 22:10:00
Weir_120	-0.115	0.037	10.2	2011-08-27 21:00:00	2011-08-28 00:10:00
Weir_121	-0.095	0.035	7.3	2011-08-27 21:00:00	2011-08-28 01:40:00
Weir_123	-0.081	0.057	49.3	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_125	-0.068	0.053	22.2	2011-08-27 20:50:00	2011-08-27 22:30:00
Weir_129	-0.045	0.004	-8.9	2011-08-27 21:10:00	2011-08-27 22:10:00
Weir_69	-0.064	0.032	30.7	2011-08-27 21:00:00	2011-08-28 01:30:00
Weir_70	-0.027	0.025	74.2	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_73	-0.091	0.042	51.7	2011-08-27 21:00:00	2011-08-28 01:50:00
Weir_75	-0.053	0.041	-0.1	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_76	-0.033	0.043	53.4	2011-08-27 21:00:00	2011-08-27 22:20:00
Weir_77	-0.130	0.067	19.7	2011-08-27 21:00:00	2011-08-28 05:40:00
Weir_81	-0.101	0.040	11.8	2011-08-27 20:50:00	2011-08-28 01:40:00
Weir_82	-0.093	0.044	93.4	2011-08-27 21:00:00	2011-08-28 01:40:00
Weir_83	-0.059	0.039	56.6	2011-08-27 21:00:00	2011-08-28 03:00:00
Weir_84	-0.113	0.087	40.9	2011-08-27 20:50:00	2011-08-28 05:50:00
Weir_85	-0.095	0.045	-15.3	2011-08-27 20:40:00	2011-08-28 02:20:00
Weir_87	-0.061	0.042	56.3	2011-08-27 21:00:00	2011-08-27 22:30:00

Weir_88	-0.057	0.045	25.3	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_89	-0.063	0.042	11.3	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_91	0.000	0.002	25.2	2011-08-27 09:00:00	2011-08-27 23:00:00
Weir_94	-0.042	0.043	34.1	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_99	-0.090	0.032	-29.3	2011-08-27 20:40:00	2011-08-28 01:40:00
Weir_B10	-0.473	0.514	2246.6	2011-08-27 20:50:00	2011-08-28 06:40:00
Weir_BASF	0.000	0.806	4847.2	2011-08-27 09:00:00	2011-08-28 01:10:00
Weir_CLA-PS	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
Weir_HHA	0.000	0.233	403.8	2011-08-27 09:00:00	2011-08-27 22:40:00
Weir_T15-MAD	-0.031	0.018	22.6	2011-08-27 20:40:00	2011-08-27 22:20:00
Weir_T16-MAD	-0.036	0.027	19.7	2011-08-27 20:50:00	2011-08-27 22:20:00
Weir_T1-HAR	-0.070	0.054	61.9	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_T2-2ST	-0.079	0.036	-2.6	2011-08-27 20:40:00	2011-08-28 02:10:00
Weir_T2-6ST	-0.063	0.042	32.0	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_T2-7ST	-0.033	0.037	-7.6	2011-08-27 20:50:00	2011-08-27 22:20:00
Weir_T2-BLM	0.000	0.008	52.8	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_T3-4ST	-0.051	0.040	33.1	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_T3-6ST	-0.047	0.031	-1.4	2011-08-27 20:50:00	2011-08-27 22:30:00
Weir_T3-ADM	-0.059	0.036	21.6	2011-08-27 20:30:00	2011-08-27 22:30:00
Weir_T3-GND	-0.003	0.007	-29.8	2011-08-27 22:00:00	2011-08-27 22:10:00
Weir_T3-OBS	-0.057	0.047	179.9	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_T4-5ST	-0.068	0.033	20.4	2011-08-27 21:00:00	2011-08-27 23:20:00
Weir_T4-6ST	-0.099	0.033	-44.8	2011-08-27 20:40:00	2011-08-28 01:40:00
Weir_T5-GND	-0.078	0.051	26.1	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_T5-JEF	-0.029	0.043	14.1	2011-08-27 20:30:00	2011-08-27 22:20:00
Weir_T6-ADM	-0.024	0.046	89.3	2011-08-27 21:00:00	2011-08-27 22:20:00
Weir_T6-JEF	-0.056	0.065	66.1	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_T6-MON	-0.077	0.044	47.6	2011-08-27 21:00:00	2011-08-27 22:40:00
Weir_T7-JEF	-0.099	0.043	34.6	2011-08-27 21:00:00	2011-08-28 01:40:00
Weir_T8-ADM	-0.036	0.044	112.7	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_T8-JEF	-0.072	0.033	53.4	2011-08-27 21:00:00	2011-08-27 23:20:00
Weir_T9-MAD	-0.068	0.054	24.9	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_TD1-WIL	-0.044	0.056	28.2	2011-08-27 21:00:00	2011-08-27 22:30:00
Weir_TD23-CLA	-0.035	0.059	39.1	2011-08-27 21:00:00	2011-08-27 22:20:00
Weir_TD25-WIL	-0.034	0.072	76.8	2011-08-27 20:30:00	2011-08-27 22:20:00
Weir_TD31-CLA	0.000	0.005	23.8	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_TD6-WIL	-0.035	0.051	28.4	2011-08-27 21:10:00	2011-08-27 22:30:00
H1.1	-0.362	0.070	-9066.4	2011-08-27 21:00:00	2011-08-27 17:30:00
H1-WW.1	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
H2.1	0.000	0.093	2372.2	2011-08-27 09:00:00	2011-08-27 20:10:00
H2-WW.2	-0.008	0.093	2129.2	2011-08-27 15:20:00	2011-08-27 20:10:00
H3.1	0.000	0.129	6932.9	2011-08-27 09:00:00	2011-08-27 23:30:00
H3-WW.2	0.000	0.188	8122.9	2011-08-27 15:10:00	2011-08-27 20:30:00
H4.1	0.000	0.117	5776.5	2011-08-27 09:00:00	2011-08-27 20:30:00
H4-WW.1	0.000	0.116	5538.0	2011-08-27 09:00:00	2011-08-27 20:30:00
H5.1	-0.010	0.154	3884.4	2011-08-27 22:00:00	2011-08-27 10:30:00

H5-WW.1	-0.009	0.118	2728.0	2011-08-27 22:00:00	2011-08-27 10:30:00
H6.1	-0.011	0.019	406.0	2011-08-27 13:30:00	2011-08-27 22:00:00
H6-WW.2	-0.014	0.021	507.4	2011-08-27 13:30:00	2011-08-27 22:00:00
H7.1	-0.019	0.124	5810.4	2011-08-27 13:00:00	2011-08-27 20:20:00
H7-WW.2	-0.001	0.031	1540.4	2011-08-27 13:50:00	2011-08-27 21:50:00
Orifice_13	0.000	0.785	7594.0	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_3	0.000	3.930	45379.0	2011-08-27 09:00:00	2011-08-27 23:10:00
Orifice_5	0.000	0.421	9275.9	2011-08-27 09:00:00	2011-08-27 22:20:00
Orifice_7	0.000	0.132	1557.0	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_8	-0.059	1.503	10878.5	2011-08-28 01:10:00	2011-08-27 22:00:00
Orifice_9	0.000	0.228	2379.8	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_B10	-0.058	0.043	-183.5	2011-08-27 20:30:00	2011-08-28 09:00:00
Orifice_BASF	0.000	0.117	4071.4	2011-08-27 09:00:00	2011-08-28 01:00:00
Orifice_HHA	0.000	0.103	4412.0	2011-08-27 09:00:00	2011-08-27 22:50:00
outfall5-tg	0.000	1.749	8877.2	2011-08-27 09:00:00	2011-08-27 22:00:00

Pumps - Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum	Pump starts	Dry stops (1)	Speed	Operation total	Operation above dH or H range of RPMmax curve
	[m3/s]	[m3/s]	[m3]			[Count]	[Count]		[Hr:Min:Sec]	[Hr:Min:Sec]
11PS.3	0.000	0.173	14525.3	2011-08-27 09:00:00	2011-08-27 22:00:00	16	0	Constant	23:19:11	-
5PS.3	0.000	0.440	26844.3	2011-08-27 09:00:00	2011-08-27 19:10:00	1	0	Variable	17:58:36	-
5PS.4	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Variable	0:00:00	-
CLA-PS.1	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Constant	0:00:00	-
H1-WW.3	0.000	2.650	116807.9	2011-08-27 09:00:00	2011-08-27 20:10:00	296	0	Constant	13:03:06	-
H5PS	0.000	2.879	19708.8	2011-08-27 09:00:00	2011-08-27 22:10:00	373	93	Constant	3:14:31	-
Pump_BASF	0.000	0.566	8921.9	2011-08-27 09:00:00	2011-08-28 01:00:00	302	11	Constant	5:13:06	-
Pump_HHA	0.000	0.316	4816.0	2011-08-27 09:00:00	2011-08-27 21:30:00	466	17	Constant	5:31:50	-

(1) : Pump stops due to dry pump well.

Warning: Dry stops occurred during the simulation. Insufficient volume below the stop level to let the pump decelerate normally.

Recommended: Check pump well volume, pump curve, acceleration-/deceleration time, start/stop conditions and other input data.

Links - Result summary

LinkID	From Node	To Node	Qf	Hmax	Qmax	Hmax/D	Qmax/Qf	Flow - Accumulated	Ti
			[m3/s]	[m]	[m3/s]			[m3]	
14VO-02-001D_14VO-MA-001B	14VO-02-001D	14VO-MA-001B	0.282	45.79	0.136	2.409	0.483	1442.3	2011-08-27 10:30:00
14VO-14-001_14VO-14-002	14VO-14-001	14VO-14-002	0.164	25.53	0.018	1.345	0.111	171.5	2011-08-27 13:30:00
14VO-14-001_14VO-14-005	14VO-14-001	14VO-14-005	0.228	25.47	0.028	1.398	0.125	268.7	2011-08-27 13:30:00
14VO-14-001C_14VO-14-001	14VO-14-001C	14VO-14-001	0.246	29.19	0.047	0.477	0.191	440.7	2011-08-27 13:00:00
14VO-14-002_14VO-14-006	14VO-14-002	14VO-14-006	0.226	25.30	0.178	4.272	0.789	1942.0	2011-08-27 13:50:00
14VO-14-005_14VO-14-007	14VO-14-005	14VO-14-007	0.061	1.41	0.045	1.268	0.739	461.3	2011-08-27 20:20:00
14VO-14-006_14VO-14-007	14VO-14-006	14VO-14-007	0.078	2.13	0.187	3.039	2.392	2051.1	2011-08-27 21:50:00
14VO-14-007_HWF-14-001A	Node_79	HWF-14-001A	0.659	0.97	0.228	2.984	0.346	2379.8	2011-08-28 01:10:00

14VO-MA-001_14VO-14-002	14VO-MA-001	14VO-14-002	0.180	41.51	0.132	1.345	0.731	1434.2	2011-08-24
14VO-MA-001B_14VO-MA-001	14VO-MA-001B	14VO-MA-001	0.123	45.44	0.132	2.816	1.071	1438.1	2011-08-24
B10-MH_H1-OB-122A	B10-MH	H1-OB-122A	0.867	0.88	0.514	3.325	0.593	2056.9	2011-08-24
B10-STOR-A_B10-MH	B10-STOR-A	B10-MH	0.718	0.76	0.514	2.751	0.716	2061.3	2011-08-24
BASF-FM	BASF-FM	BASF-OF	0.000	5.74	0.566	9.422		8698.3	2011-08-24
Dummy_H5Weir	Node_89	Dummy_H5Weir	0.000	3.00	0.000	0.005		0.0	2011-08-24
DUMMY-B10	DUMMY-B10	B10-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-BASF	DUMMY-BASF	BASF-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-BASF-2	DUMMY-BASF-2	BASF-WW	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-CLA-PS	CLA-PS-DUMMY	CLA-PS	0.000	-1.21	0.000	0.002		0.0	2011-08-24
DUMMY-HHA	DUMMY-HHA	HHA-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-HHA-2	DUMMY-HHA-2	HHA-WW	0.000	1.63	0.000	0.005		0.0	2011-08-24
DUMMY-T10-MAD	T10-MAD	T10-MAD-WEIR-DUMMY	0.000	1.10	-0.095	1.774		16.1	2011-08-24
DUMMY-T11-MAD	T11-MAD	T11-MAD-WEIR-DUMMY	0.000	1.19	-0.115	1.474		26.2	2011-08-24
DUMMY-T15-MAD	T15-MAD	T15-MAD-WEIR-DUMMY	0.000	1.16	0.018	1.072		40.8	2011-08-24
DUMMY-T16-MAD	T16-MAD	T16-MAD-WEIR-DUMMY	0.000	1.15	-0.036	1.242		33.5	2011-08-24
DUMMY-T1-GAR	T1-GAR	T1-GAR-WEIR-DUMMY	0.000	1.46	0.003	0.923		44.0	2011-08-24
DUMMY-T1-HAR	T1-HAR	T1-HAR-WEIR-DUMMY	0.000	1.30	-0.070	1.484		67.5	2011-08-24
DUMMY-T2-4ST	T2-4ST	T2-4ST-WEIR-DUMMY	0.000	1.17	-0.061	1.483		61.9	2011-08-24
DUMMY-T2-5ST	T2-5ST	T2-5ST-WEIR-DUMMY	0.000	1.19	0.043	1.322		41.9	2011-08-24
DUMMY-T2-6ST	T2-6ST	T2-6ST-WEIR-DUMMY	0.000	1.16	-0.063	1.362		39.1	2011-08-24
DUMMY-T2-7ST	T2-7ST	T2-7ST-WEIR-DUMMY	0.000	1.30	0.037	1.092		10.7	2011-08-24
DUMMY-T2-BLM	T2-BLM	T2-BLM-WEIR-DUMMY	0.000	2.58	0.008	0.858		68.2	2011-08-24
DUMMY-T2-JAC	T2-JAC	T2-JAC-WEIR-DUMMY	0.000	1.29	-0.064	1.498		39.2	2011-08-24
DUMMY-T2-MON	T2-MON	T2-MON-WEIR-DUMMY	0.000	1.28	-0.081	1.577		56.7	2011-08-24
DUMMY-T3-4ST	T3-4ST	T3-4ST-WEIR-DUMMY	0.000	1.18	-0.051	1.376		40.4	2011-08-24
DUMMY-T3-6ST	T3-6ST	T3-6ST-WEIR-DUMMY	0.000	1.15	-0.047	1.285		9.8	2011-08-24
DUMMY-T3-ADM	T3-ADM	T3-ADM-WEIR-DUMMY	0.000	1.29	-0.040	1.266		30.7	2011-08-24
DUMMY-T3-GND	T3-GND	T3-GND-WEIR-DUMMY	0.000	1.31	0.006	1.039		-16.1	2011-08-24
DUMMY-T3-JAC	T3-JAC	T3-JAC-WEIR-DUMMY	0.000	1.16	-0.120	1.380		28.4	2011-08-24
DUMMY-T4-4ST	T4-4ST	T4-4ST-WEIR-DUMMY	0.000	1.03	-0.095	1.300		11.6	2011-08-24
DUMMY-T4-5ST	T4-5ST	T4-5ST-WEIR-DUMMY	0.000	1.12	-0.068	1.328		31.8	2011-08-24
DUMMY-T4-6ST	T4-6ST	T4-6ST-WEIR-DUMMY	0.000	1.09	-0.098	1.251		-14.1	2011-08-24
DUMMY-T4-GND	T4-GND	T4-GND-WEIR-DUMMY	0.000	1.29	0.052	1.192		37.7	2011-08-24
DUMMY-T5-5ST	T5-5ST	T5-5ST-WEIR-DUMMY	0.000	1.03	-0.064	1.268		67.7	2011-08-24
DUMMY-T5-9ST	T5-9ST	T5-9ST-WEIR-DUMMY	0.000	1.31	0.036	1.103		21.3	2011-08-24
DUMMY-T5-GND	T5-GND	T5-GND-WEIR-DUMMY	0.000	1.21	0.051	1.221		42.2	2011-08-24
DUMMY-T5-JAC	T5-JAC	T5-JAC-WEIR-DUMMY	0.000	0.99	-0.113	1.414		62.1	2011-08-24
DUMMY-T5-JEF	T5-JEF	T5-JEF-WEIR-DUMMY	0.000	1.31	0.043	1.127		29.5	2011-08-24
DUMMY-T6-4ST	T6-4ST	T6-4ST-WEIR-DUMMY	0.000	1.03	-0.059	1.398		63.6	2011-08-24
DUMMY-T6-5ST	T6-5ST	T6-5ST-WEIR-DUMMY	0.000	1.09	-0.074	1.195		3.9	2011-08-24
DUMMY-T6-ADM	T6-ADM	T6-ADM-WEIR-DUMMY	0.000	1.31	0.046	1.254		94.8	2011-08-24
DUMMY-T6-GND	T6-GND	T6-GND-WEIR-DUMMY	0.000	1.21	0.043	1.239		51.5	2011-08-24
DUMMY-T6-JEF	T6-JEF	T6-JEF-WEIR-DUMMY	0.000	1.32	0.065	1.262		77.6	2011-08-24
DUMMY-T6-MON	T6-MON	T6-MON-WEIR-DUMMY	0.000	1.22	-0.077	1.271		63.3	2011-08-24
DUMMY-T7-5ST	T7-5ST	T7-5ST-WEIR-DUMMY	0.000	1.03	-0.064	1.263		-24.4	2011-08-24

DUMMY-T7-MON	T7-MON	T7-MON-WEIR-DUMMY	0.000	1.10	-0.078	1.283		40.5	2011-08-2
DUMMY-T8-ADM	T8-ADM	T8-ADM-WEIR-DUMMY	0.000	1.20	0.044	1.287		122.1	2011-08-2
DUMMY-T8-MAD	T8-MAD	T8-MAD-WEIR-DUMMY	0.000	1.28	-0.068	1.543		30.1	2011-08-2
DUMMY-T9-ADM	T9-ADM	T9-ADM-WEIR-DUMMY	0.000	1.07	-0.093	1.332		111.7	2011-08-2
DUMMY-T9-MAD	T9-MAD	T9-MAD-WEIR-DUMMY	0.000	1.26	-0.068	1.392		33.8	2011-08-2
DUMMY-TD12-13ST	TD12-13ST	Node_378	0.000	1.30	-0.025	0.987		9.5	2011-08-2
DUMMY-TD14-CLA	TD14-CLA	TD14-CLA-WEIR-DUMMY	0.000	1.16	-0.057	1.311		34.3	2011-08-2
DUMMY-TD1-4ST	TD1-4ST	TD1-4ST-WEIR-DUMMY	0.000	1.17	-0.063	1.518		17.2	2011-08-2
DUMMY-TD1-WIL	TD1-WIL	TD1-WIL-WEIR-DUMMY	0.000	1.20	0.056	1.308		36.1	2011-08-2
DUMMY-TD23-CLA	TD23-CLA	TD23-CLA-WEIR-DUMMY	0.000	1.25	0.059	1.273		46.5	2011-08-2
DUMMY-TD25-WIL	TD25-WIL	TD25-WIL-WEIR-DUMMY	0.000	1.35	0.072	1.345		82.5	2011-08-2
DUMMY-TD30-CLA	TD30-CLA	TD30-CLA-WEIR-DUMMY	0.000	1.36	0.039	1.123		34.7	2011-08-2
DUMMY-TD31-CLA	TD31-CLA	TD31-CLA-WEIR-DUMMY	0.000	1.97	0.005	0.871		35.1	2011-08-2
DUMMY-TD6-WIL	TD6-WIL	TD6-WIL-WEIR-DUMMY	0.000	1.22	0.051	1.266		35.8	2011-08-2
H1 REGULATOR_H2-INT-001A	H1-IC	H2-INT-001A	1.155	0.89	-0.362	2.565	-0.313	-9081.4	2011-08-2
H1_Outfall	H1-OB-008	H1	0.000	0.49	3.817	1.637		107753.0	2011-08-2
H1-01-005_H1-01-021	H1-01-005	H1-01-021	0.000	1.04	-0.055	2.211		98.1	2011-08-2
H1-01-006_H1-01-006A	H1-01-006	H1-01-006A	1.471	1.17	0.071	2.016	0.048	973.3	2011-08-2
H1-01-006A_H1-01-010	H1-01-006A	H1-01-010	0.366	1.15	0.264	2.015	0.722	5292.7	2011-08-2
H1-01-007_H1-01-006	H1-01-007	H1-01-006	2.782	1.17	0.008	2.239	0.003	98.5	2011-08-2
H1-01-010_H1-WI-019	H1-01-010	H1-WI-019	3.185	1.10	0.667	2.203	0.210	21909.9	2011-08-2
H1-01-021_H1-GA-018	H1-01-021	H1-GA-018	1.018	1.03	0.597	2.289	0.586	14563.7	2011-08-2
H1-01-029_H1-01-010	H1-01-029	H1-01-010	0.588	1.13	0.280	2.408	0.476	7861.1	2011-08-2
H1-01-033_H1-01-029	H1-01-033	H1-01-029	1.529	1.13	0.258	2.497	0.169	7598.5	2011-08-2
H1-01-033_H1-NE-011	H1-01-033	H1-NE-011	0.411	1.13	0.302	3.491	0.736	9031.1	2011-08-2
H1-01-034_H1-01-033	H1-01-034	H1-01-033	3.906	1.13	0.191	2.676	0.049	4476.7	2011-08-2
H1-01-075_H1-01-034	H1-01-075	H1-01-034	1.640	1.13	0.192	2.586	0.117	4531.8	2011-08-2
H1-01-075_H1-NE-014A	H1-01-075	H1-NE-014A	0.078	1.12	0.161	2.561	2.070	4274.1	2011-08-2
H1-01-077_H1-01-075	H1-01-077	H1-01-075	2.019	1.13	0.258	2.510	0.128	7060.6	2011-08-2
H1-01-080_H1-01-077	H1-01-080	H1-01-077	1.312	1.12	0.259	3.103	0.198	7097.4	2011-08-2
H1-01-080_H1-NE-020	H1-01-080	H1-NE-020	0.601	1.11	0.618	2.316	1.028	22072.1	2011-08-2
H1-01-081_H1-01-080	H1-01-081	H1-01-080	0.359	1.12	0.474	3.096	1.320	15926.0	2011-08-2
H1-01-085_H1-01-081	H1-01-085	H1-01-081	1.878	1.12	0.475	2.644	0.253	15975.0	2011-08-2
H1-01-085_H1-MA-010	H1-01-085	H1-MA-010	0.686	1.12	0.188	2.833	0.274	4752.5	2011-08-2
H1-01-089_H1-01-085	H1-01-089	H1-01-085	1.577	1.12	0.572	2.632	0.363	17284.2	2011-08-2
H1-01-089_H1-OB-116	H1-01-089	H1-OB-116	0.947	1.11	0.247	3.068	0.261	1476.6	2011-08-2
H1-01-100_H1-01-089	H1-01-100	H1-01-089	0.000	1.11	0.610	2.626		17760.3	2011-08-2
H1-01-100_H1-JA-022	H1-01-100	H1-JA-022	0.837	1.11	-0.302	2.834	-0.362	1543.6	2011-08-2
H1-01-104_H1-01-100	H1-01-104	H1-01-100	1.623	1.11	0.812	2.748	0.501	15571.1	2011-08-2
H1-01-110_H1-01-104	H1-01-110	H1-01-104	2.796	1.10	0.813	2.802	0.291	14100.5	2011-08-2
H1-01-115_H1-01-110	H1-01-115	H1-01-110	1.170	1.12	0.611	2.979	0.522	11168.1	2011-08-2
H1-01-116_H1-01-115	H1-01-116	H1-01-115	1.356	1.15	0.552	2.635	0.407	12485.8	2011-08-2
H1-01-117_H1-01-116	H1-01-117	H1-01-116	0.451	1.23	-0.067	3.572	-0.149	-502.8	2011-08-2
H1-01-118_H1-01-117	H1-01-118	H1-01-116	0.046	1.40	0.029	6.982	0.620	354.1	2011-08-2
H1-02-038A_H1-WI-022	H1-02-038A	H1-WI-022	0.563	1.17	0.343	3.275	0.608	8201.1	2011-08-2
H1-03-001_H3-03-006	H1-03-001	H3-03-006	1.879	1.16	0.468	1.918	0.249	-3489.1	2011-08-2

H1-03-003A_H1-03-001	H1-03-003A	H1-03-001	4.038	1.18	-0.450	2.556	-0.112	-3753.8	2011-08-24
H1-03-060_H3-03-022	H1-03-060	H3-03-022	1.787	1.19	0.403	2.194	0.226	-84.2	2011-08-24
H1-03-090_H1-03-060	H1-03-090	H1-03-060	1.237	1.19	-0.264	2.680	-0.214	-2878.4	2011-08-24
H1-03-090_H1-GR-022	H1-03-090	H1-GR-022	1.381	1.19	0.253	3.881	0.183	10293.8	2011-08-24
H1-03-140_H1-03-090	H1-03-140	H1-03-090	1.651	1.19	0.329	3.505	0.199	3345.9	2011-08-24
H1-03-170_H1-03-140	H1-03-170	H1-03-140	2.258	1.17	-0.431	2.034	-0.191	-1009.8	2011-08-24
H1-03-180_H1-03-170	H1-03-180	H1-03-170	2.657	1.16	-0.333	2.585	-0.125	-954.9	2011-08-24
H1-03-200_H1-03-180	H1-03-200	H1-03-180	0.933	1.15	0.391	2.657	0.419	6326.7	2011-08-24
H1-03-200_H1-MA-027	H1-03-200	H1-MA-027	1.697	1.15	0.183	4.061	0.108	1243.6	2011-08-24
H1-03-210_H1-03-200	H1-03-210	H1-03-200	1.256	1.15	0.229	2.600	0.183	4305.2	2011-08-24
H1-03-210_H1-MO-036	H1-03-210	H1-MO-036	1.484	1.14	0.215	3.267	0.145	-835.4	2011-08-24
H1-07-013_H1-BL-091	H1-07-013	H1-BL-091	0.274	3.42	0.137	0.824	0.501	1538.0	2011-08-24
H1-08-011_H1-BL-093	H1-08-011	H1-BL-093	0.050	1.93	0.018	0.712	0.372	196.2	2011-08-24
H1-08-011A_H1-08-011	H1-08-011A	H1-08-011	0.000	1.94	0.002	0.601		-0.5	2011-08-24
H1-AD-026_H1-01-075	H1-AD-026	H1-01-075	0.000	1.13	0.073	2.864		607.6	2011-08-24
H1-AD-030_H1-03-140	H1-AD-030	H1-03-140	0.000	1.17	-0.051	3.262		207.0	2011-08-24
H1-AD-035_H1-03-140	H1-AD-035	H1-03-140	0.177	1.18	0.258	3.274	1.456	3893.7	2011-08-24
H1-AD-039_H1-AD-035	H1-AD-039	H1-AD-035	1.136	1.19	0.205	3.280	0.180	3406.8	2011-08-24
H1-AD-042_H1-AD-039	H1-AD-042	H1-AD-039	0.653	1.20	0.161	2.751	0.247	2569.0	2011-08-24
H1-AD-048_H1-AD-042	H1-AD-043	H1-AD-042	0.585	1.21	0.127	2.621	0.218	1810.0	2011-08-24
H1-AD-053_H1-AD-048	H1-AD-053	H1-AD-048	0.778	1.22	0.060	2.454	0.077	696.9	2011-08-24
H1-Alt-Grav1.2	H1-Alt-Grav1	OF-H1-V2	0.000	0.47	-0.031	2.154		-39.3	2011-08-24
H1-Alt-Grav2.1	H1-Alt-Grav2	OF-H1-V2	0.000	0.47	0.035	2.154		43.0	2011-08-24
H1-BL-007_H1-BL-009	H1-BL-007	H1-BL-009	0.000	0.76	0.164	3.106		2179.6	2011-08-24
H1-BL-009_H1-OB-010	H1-BL-009	H1-OB-010	3.875	0.67	3.686	2.069	0.951	106363.6	2011-08-24
H1-BL-016_H1-BL-009	H1-BL-016	H1-BL-009	1.531	1.02	0.832	2.480	0.543	9619.2	2011-08-24
H1-BL-017_H1-BL-016	H1-BL-017	H1-BL-016	0.800	1.12	0.753	1.671	0.941	8692.9	2011-08-24
H1-BL-024_H1-BL-017	H1-BL-024	H1-BL-017	0.949	1.29	0.706	1.687	0.744	8148.0	2011-08-24
H1-BL-030_H1-BL-024	H1-BL-030	H1-BL-024	0.634	1.44	0.605	1.549	0.954	6888.1	2011-08-24
H1-BL-037_H1-BL-030	H1-BL-037	H1-BL-030	0.941	1.58	0.601	1.538	0.638	6903.0	2011-08-24
H1-BL-039_H1-BL-037	H1-BL-039	H1-BL-037	1.111	1.62	0.525	1.293	0.473	5790.6	2011-08-24
H1-BL-090C_H1-BL-090B	H1-BL-090C	H1-BL-090B	0.000	3.42	-0.036	11.009		-404.9	2011-08-24
H1-BL-090E_H1-BL-039	H1-BL-090E	H1-BL-039	0.825	1.69	0.447	0.868	0.542	5011.2	2011-08-24
H1-BL-090E_H1-BL-090	H1-BL-090E	H1-BL-090	0.059	1.76	-0.308	1.252	-5.207	-3460.8	2011-08-24
H1-BL-090E_H1-BL-090C	H1-BL-090E	H1-BL-090C	0.000	1.83	-0.058	2.112		-656.2	2011-08-24
H1-BL-091_H1-BL-090	H1-BL-091	H1-BL-090	0.299	1.79	0.300	0.352	1.002	3370.9	2011-08-24
H1-BL-093_H1-BL-091	H1-BL-093	H1-BL-091	0.702	1.89	0.115	0.412	0.163	1272.2	2011-08-24
H1-BL-095_H1-BL-093	H1-BL-095	H1-BL-093	0.137	2.12	0.030	0.570	0.223	340.6	2011-08-24
H1-CL-014_H1-NE-007	H1-CL-014	H1-NE-007	1.318	1.09	0.036	4.710	0.028	402.6	2011-08-24
H1-CL-015_H1-CL-023	H1-CL-015	H1-CL-023	1.872	1.18	-0.071	2.767	-0.038	-159.7	2011-08-24
H1-CL-023_H1-03-060	H1-CL-023	H1-03-060	0.916	1.19	-0.230	3.553	-0.252	297.0	2011-08-24
H1-CL-036_H1-03-060	H1-CL-036	H1-03-060	1.251	1.19	0.180	3.218	0.144	1447.0	2011-08-24
H1-GA-017_H1-OB-031	H1-GA-012	H1-OB-031	1.135	0.89	0.629	1.754	0.554	15456.5	2011-08-24
H1-GA-018_H1-GA-017	H1-GA-018	H1-GA-017	3.229	0.98	0.597	1.630	0.185	14555.4	2011-08-24
H1-GR-022_H1-01-033	H1-GR-022	H1-01-033	0.710	1.16	0.307	3.831	0.432	11278.3	2011-08-24

H1-GR-027_H1-03-090	H1-GR-027	H1-03-090	2.875	1.19	0.253	4.127	0.088	3149.9	2011-08-24
H1-GR-033_H1-GR-027	H1-GR-033	H1-GR-027	1.283	1.20	0.245	2.657	0.191	3238.5	2011-08-24
H1-GR-037_H1-GR-033	H1-GR-037	H1-GR-033	0.855	1.21	0.176	2.224	0.206	2391.9	2011-08-24
H1-GR-038_H1-GR-037	H1-GR-038	H1-GR-037	0.988	1.21	0.121	2.491	0.122	1000.1	2011-08-24
H1-GR-054_H1-GR-047	H1-GR-054	H1-GR-046	1.224	1.22	0.070	3.233	0.057	706.5	2011-08-24
H1-HA-130_H1-HA-132	PR_DH_MH1	H1-HA-132	0.796	1.10	-0.083	2.564	-0.104	-553.8	2011-08-24
H1-HA-132_H1-01-110	H1-HA-132	H1-01-110	0.848	1.10	0.097	3.720	0.114	-128.3	2011-08-24
H1-HA-132A_H1-HA-132	H1-HA-132A	H1-HA-132	0.000	1.12	0.015	4.913		171.1	2011-08-24
H1-HA-135_H1-01-110	H1-HA-135	H1-01-110	0.000	1.11	0.108	3.325		1473.6	2011-08-24
H1-HA-136_H1-HA-138	H1-HA-136	H1-HA-138	0.039	1.16	0.030	7.459	0.762	340.3	2011-08-24
H1-HA-138_H1-HA-139	H1-HA-138	H1-HA-139	0.084	1.06	0.031	3.818	0.366	417.5	2011-08-24
H1-HA-138A_H1-HA-138	H1-HA-138A	H1-HA-138	0.127	1.07	-0.002	4.363	-0.013	80.1	2011-08-24
H1-HA-138B_H1-HA-138A	H1-HA-138B	H1-HA-138A	0.000	1.07	0.001	5.079		80.1	2011-08-24
H1-HA-139_H1-HA-140	H1-HA-139	H1-HA-140	0.037	1.03	0.032	5.682	0.868	503.8	2011-08-24
H1-HA-139A_H1-HA-139	H1-HA-139A	H1-HA-139	0.226	1.04	-0.002	3.818	-0.007	58.0	2011-08-24
H1-HA-140_H1-HA-141	H1-HA-140	H1-HA-141	0.189	1.03	0.032	4.006	0.172	550.0	2011-08-24
H1-HA-140A_H1-HA-140	H1-HA-140A	H1-HA-140	0.130	1.03	-0.008	3.729	-0.065	51.4	2011-08-24
H1-HA-140B_H1-HA-140A	H1-HA-140B	H1-HA-140A	0.072	1.03	0.000	5.970	-0.006	0.0	2011-08-24
H1-HA-140C_H1-HA-140A	H1-HA-140C	H1-HA-140A	0.026	1.03	0.001	5.970	0.038	51.5	2011-08-24
H1-HA-141_H1-JA-043	H1-HA-141	H1-JA-043	0.506	1.03	0.045	5.847	0.088	597.6	2011-08-24
H1-HU-001_H1-HU-002	H1-HU-001	H1-HU-002	0.058	7.73	0.045	0.639	0.784	499.3	2011-08-24
H1-HU-002_H1-07-013	H1-HU-002	H1-07-013	0.379	7.53	0.078	1.003	0.205	849.0	2011-08-24
H1-HU-003_H1-HU-002	H1-HU-003	H1-HU-002	0.000	7.65	0.019	0.633		199.2	2011-08-24
H1-JA-021_H1-OB-121	H1-JA-021	H1-OB-121	1.035	1.08	0.305	3.045	0.295	1740.4	2011-08-24
H1-JA-022_H1-JA-021	H1-JA-022	H1-JA-021	1.833	1.09	-0.309	2.260	-0.168	1506.3	2011-08-24
H1-JA-034_H1-01-100	MH-T2-2STB	H1-01-100	1.689	1.10	0.306	4.723	0.181	2799.8	2011-08-24
H1-JA-037B_H1-JA-034	H1-JA-037B	H1-JA-034	1.219	1.05	-0.322	5.359	-0.264	1967.6	2011-08-24
H1-JA-043_H1-JA-037B	H1-JA-043	H1-JA-037B	1.031	1.03	-0.275	4.414	-0.267	1933.1	2011-08-24
H1-JA-046_H1-JA-043	H1-JA-046	H1-JA-043	3.074	1.03	-0.131	4.002	-0.043	1111.6	2011-08-24
H1-JE-026A_H1-01-080	H1-JE-026A	H1-JE-023	0.107	1.13	0.431	1.748	4.046	12230.0	2011-08-24
H1-JE-031_H1-03-180	H1-JE-031	H1-03-180	1.018	1.15	-0.426	1.992	-0.419	-11251.8	2011-08-24
H1-JE-031_H1-JE-026A	H1-JE-031	H1-JE-026A	1.570	1.15	0.375	2.556	0.239	11330.9	2011-08-24
H1-JE-032_H1-03-180	H1-JE-032	H1-03-180	5.104	1.16	0.205	1.996	0.040	3075.6	2011-08-24
H1-JE-037_H1-JE-032	H1-JE-037	H1-JE-032	0.842	1.17	0.242	2.883	0.288	3227.3	2011-08-24
H1-JE-044_H1-JE-037	H1-JE-044	H1-JE-037	0.846	1.18	0.168	2.215	0.199	2362.6	2011-08-24
H1-JE-050_H1-JE-044	H1-JE-050	H1-JE-044	0.679	1.19	0.098	2.078	0.145	1622.3	2011-08-24
H1-JE-055_H1-JE-050	H1-JE-055	H1-JE-050	0.806	1.19	0.058	2.744	0.073	653.8	2011-08-24
H1-Junction1.1	H1-Junction1	OF-H1-V2	0.475	0.47	0.002	2.171	0.005	0.0	2011-08-24
H1-Junction2.1	H1-Junction2	OF-H1-V2	0.475	0.47	0.002	2.171	0.005	0.0	2011-08-24
H1-MA-010_H1-OB-100	H1-MA-010	H1-OB-100	0.999	1.10	0.185	3.763	0.185	4724.2	2011-08-24
H1-MA-027_H1-01-085	H1-MA-027	H1-01-085	1.355	1.14	0.247	2.573	0.183	2282.7	2011-08-24
H1-MA-038_H1-03-200	H1-MA-038	H1-03-200	1.462	1.15	0.175	5.012	0.120	2815.3	2011-08-24
H1-MA-041_H1-MA-038	H1-MA-041	H1-MA-038	1.570	1.15	0.149	4.068	0.095	2281.1	2011-08-24
H1-MA-048_H1-MA-041	H1-MA-044	H1-MA-041	0.530	1.16	0.122	3.267	0.231	1614.2	2011-08-24
H1-MA-054_H1-MA-048	H1-MA-054	H1-MA-048	0.566	1.16	0.061	3.136	0.107	652.9	2011-08-24
H1-MO-010_H1-NE-030	H1-MO-010	H1-NE-030	3.429	1.09	0.168	2.056	0.049	1835.6	2011-08-24

H1-MO-033_H1-01-089	H1-MO-033	H1-01-089	0.845	1.13	0.288	2.294	0.341	21.0	2011-08-24
H1-MO-036_H1-MO-033	H1-MO-036	H1-MO-033	0.737	1.14	0.215	3.024	0.291	-865.6	2011-08-24
H1-MO-043_H1-03-210	H1-MO-043	H1-03-210	0.847	1.15	0.174	4.522	0.206	2519.3	2011-08-24
H1-MO-044_H1-MO-043	H1-MO-044	H1-MO-043	1.862	1.15	0.129	5.296	0.069	1773.2	2011-08-24
H1-MO-047_H1-MO-044	H1-MO-047	H1-MO-044	5.079	1.15	0.129	2.720	0.025	1859.6	2011-08-24
H1-MO-057_H1-MO-047	H1-MO-057	H1-MO-047	1.102	1.15	0.093	3.077	0.084	1352.2	2011-08-24
H1-MO-062_H1-MO-057	H1-MO-062	H1-MO-057	0.771	1.15	0.044	3.980	0.056	719.9	2011-08-24
H1-NE-002_H1-PA-015	H1-NE-002	H1-PA-015	0.000	0.91	-0.006	1.799		-12.9	2011-08-24
H1-NE-003_H1-WI-011	H1-NE-003	H1-WI-011	2.015	1.05	0.846	2.423	0.420	28880.3	2011-08-24
H1-NE-007_H1-NE-003	H1-NE-007	H1-NE-003	1.403	1.08	0.248	2.475	0.177	6463.7	2011-08-24
H1-NE-011_H1-NE-007	H1-NE-011	H1-NE-007	0.410	1.10	0.190	3.119	0.462	5777.2	2011-08-24
H1-NE-011_H1-NE-014A	H1-NE-011	H1-NE-014A	0.306	1.10	0.191	2.529	0.625	4477.4	2011-08-24
H1-NE-014A_H1-NE-017	H1-NE-014A	H1-NE-017	2.443	1.08	0.371	1.908	0.152	9161.9	2011-08-24
H1-NE-017_H1-NE-019	H1-NE-017	H1-NE-019	5.055	1.07	0.366	2.258	0.072	9120.2	2011-08-24
H1-NE-019_H1-NE-020	H1-NE-019	H1-NE-020	2.933	1.07	0.365	1.389	0.125	9083.7	2011-08-24
H1-NE-020_H1-OB-090	H1-NE-020	H1-OB-090	4.253	1.04	1.142	2.265	0.269	41851.0	2011-08-24
H1-NE-021_H1-OB-091	H1-NE-021	H1-OB-091	1.305	1.05	0.207	2.637	0.159	6094.2	2011-08-24
H1-NE-026_H1-NE-021	H1-NE-026	H1-NE-021	0.588	1.07	0.199	2.335	0.339	5961.1	2011-08-24
H1-NE-029A_H1-NE-026	H1-NE-029A	H1-NE-026	0.735	1.08	0.170	2.101	0.231	5343.0	2011-08-24
H1-NE-030_H1-NE-029A	H1-NE-030	MH-T6-NEW	0.604	1.08	0.175	2.992	0.289	5198.0	2011-08-24
H1-NE-031_H1-NE-030	H1-NE-031	H1-NE-030	2.717	1.09	0.188	1.713	0.069	3371.4	2011-08-24
H1-NE-040_H1-NE-031	H1-NE-040	H1-NE-031	0.421	1.09	0.181	1.885	0.431	3164.9	2011-08-24
H1-NE-047_H1-NE-040	H1-NE-047	H1-NE-040	0.123	1.08	0.024	2.672	0.195	208.8	2011-08-24
H1-OB-001_H1-OB-010	H1-OB-001	H1-OB-010	0.000	0.62	0.015	8.145		173.0	2011-08-24
H1-OB-010_H1-OB-008	H1-OB-010	H1-OB-008	8.196	0.53	3.772	1.873	0.460	107253.9	2011-08-24
H1-OB-031_H1-BL-009	H1-OB-031	H1-BL-009	1.701	0.82	2.790	2.198	1.640	94361.1	2011-08-24
H1-OB-050_H1-OB-031	H1-OB-050	H1-OB-031	4.392	0.89	2.239	2.230	0.510	78784.4	2011-08-24
H1-OB-050_H1-OB-050A	H1-OB-050	H1-OB-050A	0.000	0.91	0.017	1.561		3.2	2011-08-24
H1-OB-071_H1-OB-050	H1-OB-071	H1-OB-050	3.011	0.93	2.218	2.221	0.737	77802.4	2011-08-24
H1-OB-072_H1-OB-071	H1-OB-072	H1-OB-071	13.803	0.96	2.231	2.238	0.162	77942.2	2011-08-24
H1-OB-077_H1-OB-072	H1-OB-077	H1-OB-072	2.989	1.01	1.367	2.201	0.457	48130.7	2011-08-24
H1-OB-090_H1-OB-077	H1-OB-090	H1-OB-080A	1.172	1.03	1.346	2.259	1.148	47772.1	2011-08-24
H1-OB-091_H1-OB-090	H1-OB-091	H1-OB-090	0.617	1.04	0.213	2.681	0.346	6184.0	2011-08-24
H1-OB-095_H1-NE-020	H1-OB-095	H1-NE-020	1.512	1.07	0.289	4.467	0.191	10756.6	2011-08-24
H1-OB-100_H1-OB-095	H1-OB-100	H1-OB-095	8.108	1.09	0.310	1.437	0.038	10472.0	2011-08-24
H1-OB-101_H1-OB-100	MH-T5-OBS	H1-OB-100	0.357	1.09	0.172	3.322	0.481	5324.5	2011-08-24
H1-OB-116_H1-MO-010	H1-OB-116	H1-MO-010	1.228	1.09	0.160	2.691	0.130	1745.7	2011-08-24
H1-OB-116_H1-OB-101	H1-OB-116	H1-OB-101	0.811	1.09	0.186	2.406	0.230	5207.8	2011-08-24
H1-OB-117_H1-OB-116	H1-OB-117	H1-OB-116	2.455	1.09	0.213	2.284	0.087	5053.1	2011-08-24
H1-OB-121_H1-OB-117	H1-OB-121	H1-OB-117	1.679	1.09	0.210	3.594	0.125	4616.8	2011-08-24
H1-OB-121A_H1-OB-121	H1-OB-121A	H1-OB-121	0.108	1.08	-0.020	6.610	-0.186	-63.0	2011-08-24
H1-OB-122_H1-NE-040	H1-OB-122	H1-NE-040	0.676	1.08	0.175	1.446	0.259	2263.7	2011-08-24
H1-OB-122_H1-OB-121	H1-OB-122	H1-OB-121	8.080	1.08	0.415	2.203	0.051	2233.9	2011-08-24
H1-OB-122A_H1-OB-122	MH-T7-OBS	H1-OB-122	1.169	1.07	0.519	2.629	0.444	4312.6	2011-08-24
H1-OB-122B_H1-OB-122A	H1-OB-122B	H1-OB-122A	2.381	1.05	0.081	1.951	0.034	877.5	2011-08-24
H1-OB-122C_H1-OB-122A	H1-OB-122C	H1-OB-122A	0.000	1.05	0.030	1.951		389.0	2011-08-24

H1-OB-123_H1-HA-130	H1-OB-123	H1-HA-130	0.497	1.09	-0.083	2.825	-0.166	-552.4	2011-08-31
H1-OB-125_H1-OB-123	H1-OB-125	H1-OB-123	0.046	1.56	0.078	6.724	1.706	1102.6	2011-08-31
H1-OB-127_H1-OB-125	H1-OB-127	H1-OB-125	0.000	1.72	0.096	2.441		1107.9	2011-08-31
H1-PA-015_H1-OB-050	H1-PA-015	H1-OB-050	1.425	0.91	0.112	2.145	0.079	836.0	2011-08-31
H1-PA-017_H1-01-006	H1-PA-017	H1-01-006	2.274	1.17	-0.019	3.555	-0.009	264.0	2011-08-31
H1-PA-017_H1-01-006A	H1-PA-017	H1-01-006A	4.736	1.17	0.194	2.387	0.041	4338.1	2011-08-31
H1-PA-020A_H1-OB-117	H1-PA-020A	H1-OB-117	0.000	1.10	0.012	5.249		139.9	2011-08-31
H1-PA-024_H1-PA-017	H1-PA-024	H1-PA-017	0.622	1.19	0.204	3.801	0.328	4636.8	2011-08-31
H1-PA-030_H1-PA-050	H1-PA-030	H1-PA-050	0.048	1.12	-0.015	5.785	-0.310	-85.7	2011-08-31
H1-PA-050_H1-01-115	H1-PA-050	H1-01-115	0.467	1.12	-0.234	2.628	-0.501	-848.4	2011-08-31
H1-PA-050A_H1-PA-050	H1-PA-050A	H1-PA-050	0.000	1.12	-0.170	2.571		-223.3	2011-08-31
H1-PA-060_H1-01-116	H1-PA-060	H1-01-116	0.341	1.26	0.053	5.889	0.155	719.0	2011-08-31
H1-PA-061_H1-01-117	H1-PA-061	H1-01-116	0.295	1.71	0.510	4.117	1.732	11703.0	2011-08-31
H1-PA-062_H1-PA-061	H1-PA-062	H1-PA-061	0.000	5.01	0.555	11.325		13539.5	2011-08-31
H1-WA-011_H1-07-013	H1-WA-011	H1-07-013	0.000	3.62	0.011	1.283		119.8	2011-08-31
H1-WI-011_H1-OB-072	H1-WI-011	H1-OB-072	1.444	1.00	0.841	2.419	0.582	28825.1	2011-08-31
H1-WI-019_H1-NE-003	H1-WI-019	H1-NE-003	2.465	1.08	0.665	2.121	0.270	21895.1	2011-08-31
H1-WI-022_H1-01-010	H1-WI-022	H1-01-010	3.370	1.13	0.343	1.727	0.102	8171.4	2011-08-31
H1-WW.2	H1-WW	H1-Alt-Grav2	0.000	0.47	-0.038	2.154		43.1	2011-08-31
H1-WW.4	H1-WW	H1-Alt-Grav1	0.000	0.47	-0.038	2.154		-39.2	2011-08-31
H2 REGULATOR_H2-INT-009A	H2 REGULATOR	H2-INT-009A	4.043	1.01	-0.265	3.110	-0.066	-4978.9	2011-08-31
H2-01-001_H2-01-002	H2-01-001	H2-01-002	0.150	5.25	0.151	9.997	1.007	2357.2	2011-08-31
H2-01-001A_H2-01-001	H2-01-001A	H2-01-001	0.000	5.73	0.074	11.485		861.0	2011-08-31
H2-01-002_H2-RI-004	H2-01-002	H2-RI-004	0.141	3.84	0.150	10.485	1.067	2598.1	2011-08-31
H2-01-003_H2-NE-010B	H2-01-003	H2-NE-010B	1.273	1.64	0.227	3.025	0.178	4009.8	2011-08-31
H2-02-003_H2-RI-005	H2-02-003	H2-RI-005	0.000	2.79	0.036	11.232		483.9	2011-08-31
H2-05-001_H2-WA-007	H2-05-001	H2-WA-007	0.000	3.57	0.034	1.265		403.2	2011-08-31
H2-05-002_H2-05-001	H2-05-002	H2-05-001	0.000	3.60	0.006	1.389		66.0	2011-08-31
H2-06-003_H2-WA-009	H2-06-003	H2-WA-009	0.110	5.91	0.098	0.822	0.892	1163.7	2011-08-31
H2-06-004_H2-06-003	H2-06-004	H2-06-003	0.000	6.30	0.029	2.265		340.7	2011-08-31
H2-CO-003_H2-01-001	H2-CO-003	H2-01-001	0.000	5.81	0.053	11.750		681.4	2011-08-31
H2-CO-004AA_H2-CO-003	H2-CO-004AA	H2-CO-003	0.000	5.96	0.031	12.255		407.2	2011-08-31
H2-HP-001A_H2-HP-004	H2-HP-001A	H2-HP-004	0.077	2.22	0.087	6.857	1.123	1185.0	2011-08-31
H2-HP-004_H2-RI-009	H2-HP-004	H2-RI-009	0.133	1.90	0.127	5.201	0.955	2089.9	2011-08-31
H2-HP-008A_H2-HP-004	H2-HP-008A	H2-HP-004	0.112	2.17	0.039	6.857	0.349	446.9	2011-08-31
H2-INT-001_H2-INT-002	H2-INT-001	H2-INT-002	5.406	0.92	-0.362	2.799	-0.067	-9134.9	2011-08-31
H2-INT-001A_H2-INT-001	H2-INT-001A	H2-INT-001	0.848	0.91	-0.362	2.576	-0.427	-9113.6	2011-08-31
H2-INT-002_H2-INT-003	H2-INT-002	H2-INT-003	0.000	0.93	-0.362	1.149		-9141.4	2011-08-31
H2-INT-003_H2-INT-004	H2-INT-003	H2-INT-004	9.060	0.94	-0.362	2.668	-0.040	-9140.5	2011-08-31
H2-INT-004_H2-INT-005	H2-INT-004	H2-INT-005	3.968	0.95	-0.362	2.829	-0.091	-9163.0	2011-08-31
H2-INT-005_H2-INT-006	H2-INT-005	H2-INT-006	5.087	0.97	-0.362	2.662	-0.071	-9175.2	2011-08-31
H2-INT-006_H2-INT-007	H2-INT-006	H2-INT-007	5.496	0.98	-0.362	2.949	-0.066	-9228.7	2011-08-31
H2-INT-007_H2 REGULATOR	H2-INT-007	H2 REGULATOR	2.773	0.99	-0.265	3.420	-0.096	-4865.9	2011-08-31
H2-INT-009_H2-INT-010	H2-INT-009	H2-INT-010	0.908	1.03	-0.265	3.050	-0.292	-5178.7	2011-08-31
H2-INT-009A_H2-INT-009	H2-INT-009A	H2-INT-009	0.853	1.02	-0.265	3.116	-0.311	-5134.4	2011-08-31

H2-INT-010_H3-INT-001	H2-INT-010	H3-INT-001	3.060	1.03	-0.265	3.450	-0.087	-5212.5	2011-08-24
H2-NE-004_H2-NE-005	H2-NE-004	H2-NE-005	1.157	1.69	-0.355	3.860	-0.306	-4362.1	2011-08-24
H2-NE-004_H2-NE-010	H2-NE-004	H2-NE-010	1.554	1.66	0.421	3.441	0.271	5173.5	2011-08-24
H2-NE-005_H2-NE-007	H2-NE-005	H2-NE-007	1.314	1.71	-0.344	3.704	-0.262	-4285.5	2011-08-24
H2-NE-007_H2-WA-001	H2-NE-007	H2-WA-001	1.348	1.73	-0.332	3.509	-0.246	-4183.6	2011-08-24
H2-NE-010B_H2-NE-010	H2-NE-010B	H2-NE-010	2.316	1.63	0.227	3.441	0.098	3977.9	2011-08-24
H2-NE-013_H2-RI-009	H2-NE-013	H2-RI-009	0.150	1.70	0.031	14.305	0.206	402.9	2011-08-24
H2-NE-020.1	H2-NE-020	H2	0.852	1.39	-0.003	4.617	-0.003	-31.4	2011-08-24
H2-OF.1	H2-NE-010	H2	0.383	1.55	0.881	3.345	2.300	12416.1	2011-08-24
H2-RI-004_H2-01-003	H2-RI-004	H2-01-003	0.096	2.32	0.210	8.044	2.183	3811.4	2011-08-24
H2-RI-005_H2-RI-004	H2-RI-005	H2-RI-004	0.000	2.63	0.074	8.575		979.2	2011-08-24
H2-RI-009_H2-NE-010	H2-RI-009	H2-NE-010	3.135	1.63	0.197	2.867	0.063	2966.5	2011-08-24
H2-WA-0000_H1-BL-090	H2-WA-0000	H1-BL-090	0.148	3.11	0.010	0.808	0.064	109.1	2011-08-24
H2-WA-001_H2-WA-003	H2-WA-001	H2-WA-003	2.033	1.77	-0.302	3.235	-0.149	-3720.0	2011-08-24
H2-WA-003_H2-WA-004	H2-WA-003	H2-WA-004	1.531	1.77	-0.257	1.401	-0.168	-3291.1	2011-08-24
H2-WA-004_H2-03-020	H2-WA-004	H2-03-020	0.553	1.97	-0.254	0.965	-0.459	-3255.3	2011-08-24
H2-WA-005A_H2-03-020	H2-WA-005A	H2-03-020	1.270	3.01	0.232	0.250	0.183	2833.8	2011-08-24
H2-WA-007_H2-WA-005A	H2-WA-007	H2-WA-005A	1.393	3.41	0.204	0.250	0.147	2453.5	2011-08-24
H2-WA-009_H2-WA-007	H2-WA-009	H2-WA-007	1.840	4.48	0.142	0.232	0.077	1717.8	2011-08-24
H2-WA-010_H2-WA-009	H2-WA-010	H2-WA-009	0.120	4.84	0.023	0.685	0.188	266.6	2011-08-24
H2-WA-011_H2-WA-010	H2-WA-011	H2-WA-010	0.065	4.95	0.015	0.643	0.237	184.7	2011-08-24
H2-WA-012_H2-WA-011	H2-WA-012	H2-WA-011	0.069	5.15	0.015	0.565	0.221	178.0	2011-08-24
H2-WA-013_H2-WA-0000	H2-WA-013	H2-WA-0000	0.190	5.22	0.010	0.344	0.050	109.2	2011-08-24
H2-WW.1	H2-WW	H2-OF	0.000	1.28	0.785	2.373		7826.9	2011-08-24
H3-02-001_H3-HU-001	H3-02-001	H3-HU-001	0.000	3.57	0.010	0.499		121.0	2011-08-24
H3-03-002_H3-RI-006	H3-03-002	H3-RI-006	4.671	1.07	0.671	2.566	0.144	-538.6	2011-08-24
H3-03-004_H3-03-002	H3-03-004	H3-03-002	0.563	1.13	0.641	1.848	1.139	-981.3	2011-08-24
H3-03-006_H3-CO-004	H3-03-006	H3-CO-004	3.020	1.15	0.470	2.007	0.155	-3494.4	2011-08-24
H3-03-007_H1-03-003A	H3-03-007	H1-03-003A	1.114	1.19	-0.455	2.595	-0.408	-4650.2	2011-08-24
H3-03-009_H3-03-007	H3-03-009	H3-03-007	1.161	1.19	-0.456	2.008	-0.393	-4661.4	2011-08-24
H3-03-010_H3-03-009	H3-03-010	H3-03-009	0.479	1.20	-0.457	3.166	-0.955	-4642.4	2011-08-24
H3-03-015_H3-03-010	H3-03-015	H3-03-010	1.424	1.20	0.520	1.979	0.365	2315.2	2011-08-24
H3-03-015_H3-PA-025	H3-03-015	H3-PA-025	1.958	1.20	-0.816	3.921	-0.416	-953.7	2011-08-24
H3-03-020.1	H3-03-020	H3	5.554	1.03	-0.243	1.563	-0.044	-174.9	2011-08-24
H3-03-022_H3-03-022A	H3-03-022	H3-03-022A	4.477	1.20	0.403	4.458	0.090	-130.7	2011-08-24
H3-03-022A_H3-03-015	H3-03-022A	H3-03-015	0.855	1.20	0.534	2.444	0.625	-1865.8	2011-08-24
H3-03-022A_H3-WI-038AB	H3-03-022A	H3-WI-038AB	1.237	1.20	0.259	3.833	0.209	7290.7	2011-08-24
H3-03-040.1	H3-03-040	H3-03-020	1.945	1.03	-0.201	1.265	-0.103	-127.2	2011-08-24
H3-03-050.1	H3-03-050	H3-03-040	1.204	1.02	-0.017	1.563	-0.014	-12.2	2011-08-24
H3-05-090_H3-WI-022	H3-WI-015	H3-WI-022	0.881	1.24	0.233	3.437	0.265	4134.5	2011-08-24
H3-05-100_H3-05-090	H3-05-100	H3-05-090	0.367	1.25	0.092	2.153	0.250	1924.4	2011-08-24
H3-05-100_H3-CL-013	H3-05-100	H3-CL-013	0.487	1.22	0.108	8.577	0.222	174.3	2011-08-24
H3-CL-001_H3-CL-003	H3-CL-001	H3-CL-003	0.644	1.28	0.064	5.022	0.099	758.6	2011-08-24
H3-CL-003_H3-CL-004	H3-CL-003	H3-CL-004	0.698	1.27	0.067	4.013	0.096	793.0	2011-08-24
H3-CL-004_H3-CL-007	H3-CL-004	H3-CL-007	1.118	1.26	0.067	2.335	0.060	792.5	2011-08-24
H3-CL-007_H3-CL-011	H3-CL-007	H3-CL-011	0.186	1.26	0.143	2.340	0.766	1806.5	2011-08-24

H3-CL-011_H3-05-100	H3-CL-011	H3-05-100	0.990	1.25	0.143	2.109	0.144	1801.9	2011-08-24
H3-CL-013_H3-CL-015A	H3-CL-013	H3-CL-015A	0.437	1.20	0.108	2.757	0.248	173.6	2011-08-24
H3-CL-015A_H1-CL-036	H3-CL-015A	H1-CL-036	0.963	1.20	0.115	3.315	0.119	250.3	2011-08-24
H3-CO-001_H3-CO-004	H3-CO-001	H3-CO-004	0.026	5.46	0.032	2.287	1.260	428.3	2011-08-24
H3-CO-004_H3-03-004	H3-CO-004	H3-03-004	2.595	1.14	0.530	2.270	0.204	-2594.4	2011-08-24
H3-CO-006_H3-CO-004	H3-CO-006	H3-CO-004	0.060	5.49	0.032	0.520	0.535	428.4	2011-08-24
H3-GA-001_H1-01-021	H3-GA-001	H1-01-021	1.380	1.08	0.536	2.210	0.389	13790.5	2011-08-24
H3-GA-001_H3-GA-004	H3-GA-001	H3-GA-004	1.262	1.13	-0.591	2.362	-0.468	-13670.3	2011-08-24
H3-GA-004_H3-03-010	H3-GA-004	H3-03-010	1.454	1.19	-0.556	3.155	-0.382	-13075.6	2011-08-24
H3-GA-013C_H3-03-010	H3-GA-013C	H3-03-010	1.049	1.27	0.494	3.167	0.471	5303.5	2011-08-24
H3-GA-014_H3-GA-013C	H3-GA-014	H3-GA-013C	0.433	1.32	0.420	2.843	0.969	4580.5	2011-08-24
H3-GA-015A_H3-GA-014	H3-GA-015A	H3-GA-014	1.311	1.38	0.400	2.851	0.305	4415.6	2011-08-24
H3-GA-018A_H3-GA-015A	H3-GA-018A	H3-GA-015A	0.552	1.43	0.355	3.286	0.642	3966.3	2011-08-24
H3-GA-023_H3-GA-018A	H3-GA-023	H3-GA-018A	1.391	1.47	0.322	2.324	0.232	3568.2	2011-08-24
H3-GA-028_H3-GA-023	H3-GA-028	H3-GA-023	1.165	1.49	0.273	1.658	0.234	2681.5	2011-08-24
H3-GA-033_H3-GA-028	H3-GA-033	H3-GA-028	1.428	1.49	0.185	1.126	0.129	1764.7	2011-08-24
H3-GA-037_H3-GA-033	H3-GA-037	H3-GA-033	0.810	1.58	0.065	0.311	0.080	716.2	2011-08-24
H3-HU-001_H3-03-004	H3-HU-001	H3-03-004	0.179	3.48	0.026	7.444	0.145	183.0	2011-08-24
H3-HU-004_H3-03-004	H3-HU-004	H3-03-004	0.000	1.16	0.016	7.518		206.0	2011-08-24
H3-INT-001_H3-INT-002	H3-INT-001	H3-INT-002	0.000	1.03	-0.265	3.465		-5248.4	2011-08-24
H3-INT-002_H3 REGULATOR	H3-INT-002	H3-INT-003A	9.018	1.04	-0.265	4.012	-0.029	-5260.2	2011-08-24
H3-INT-003_H3-INT-004	H3-INT-003	H3-INT-004	6.260	0.51	0.295	2.709	0.047	15042.9	2011-08-24
H3-INT-003A_H3 REGULATOR	H3-INT-003A	H3	5.802	1.03	0.537	4.000	0.093	-4912.9	2011-08-24
H3-INT-004_H3-INT-005	H3-INT-004	H3-INT-005	5.518	0.51	0.302	2.603	0.055	15030.4	2011-08-24
H3-INT-005_H3-INT-006	H3-INT-005	H3-INT-006	1.980	0.51	0.282	2.703	0.142	14984.5	2011-08-24
H3-INT-006_H3-INT-007	H3-INT-006	H3-INT-007	2.683	0.50	0.274	2.744	0.102	14935.9	2011-08-24
H3-PA-001_H3-PA-004	H3-PA-001	H3-PA-004	0.359	1.29	0.056	1.870	0.156	616.4	2011-08-24
H3-PA-004_H3-PA-009	H3-PA-004	H3-PA-009	0.760	1.29	0.147	2.429	0.193	1677.8	2011-08-24
H3-PA-009_H3-PA-012	H3-PA-009	H3-PA-012	0.869	1.27	0.198	2.337	0.228	2179.3	2011-08-24
H3-PA-012_H3-03-015	H3-PA-012	H3-03-015	0.549	1.24	0.259	2.471	0.471	2780.0	2011-08-24
H3-PA-025_H1-PA-024	H3-PA-025	H1-PA-024	1.031	1.20	0.154	2.865	0.150	3409.9	2011-08-24
H3-RI-001_H3-RI-002	H3-RI-001	H3-RI-002	0.072	1.08	0.013	3.653	0.185	247.4	2011-08-24
H3-RI-002_H3-RI-003	H3-RI-002	H3-RI-003	0.051	1.07	0.013	3.900	0.260	247.2	2011-08-24
H3-RI-003_H3-RI-006	H3-RI-003	H3-RI-006	0.257	1.07	0.015	5.072	0.057	328.0	2011-08-24
H3-WI-002_H3-WI-005	H3-WI-002	H3-WI-005	1.684	1.26	0.058	2.556	0.034	656.1	2011-08-24
H3-WI-005_H3-WI-010	H3-WI-005	H3-WI-010	0.697	1.26	0.061	3.499	0.088	615.0	2011-08-24
H3-WI-010_H3-05-090	H3-WI-010	H3-05-090	0.642	1.26	0.147	2.583	0.228	1529.1	2011-08-24
H3-WI-022_H3-03-022A	H3-WI-022	H3-03-022A	1.612	1.22	0.301	3.327	0.187	4913.6	2011-08-24
H3-WI-038AB_H1-02-038A	H3-WI-038AB	H1-02-038A	0.493	1.18	0.279	3.287	0.566	7503.8	2011-08-24
H3-WW.1	H3-IC	H3-INT-003	4.965	0.52	0.300	3.540	0.060	15053.8	2011-08-24
H3-WW_OF-H4-TG2	H3-WW	OF-H4-TG2	3.876	1.02	-0.684	1.445	-0.176	-20293.1	2011-08-24
H4 REGULATOR_HWF-INT-012	H3-INT-007	HWF-INT-012	1.625	0.49	0.467	2.782	0.287	26136.4	2011-08-24
H4-04-002_H4-04-003	H4-04-002	H4-04-003	9.290	1.46	0.023	2.782	0.002	50.9	2011-08-24
H4-04-003_H4-04-010	H4-04-003	H4-04-010	11.296	1.07	1.458	1.109	0.129	38541.0	2011-08-24
H4-04-004_H4-04-003	H4-04-004	H4-04-003	11.071	1.08	1.436	0.862	0.130	38264.6	2011-08-24
H4-04-005_H4-04-004	H4-04-005	H4-04-004	4.256	1.10	1.351	0.866	0.317	37376.4	2011-08-24

H4-04-006_H4-04-005	H4-04-006	H4-04-005	17.025	1.13	1.340	1.250	0.079	35791.9	2011-08-31
H4-04-007_H4-04-006	H4-04-007	H4-04-006	8.515	1.14	1.336	0.919	0.157	35828.0	2011-08-31
H4-04-008_H4-04-007	H4-04-008	H4-04-007	3.214	1.17	1.328	1.125	0.413	35812.8	2011-08-31
H4-04-010_H4	H4-04-010	H4	8.466	1.05	1.480	1.102	0.175	38640.7	2011-08-31
H4-07-080_H4-GA-005	H4-07-080	H4-GA-005	6.710	1.25	1.238	1.145	0.184	35752.3	2011-08-31
H4-07-090_H4-07-080	H4-07-090	H4-07-080	5.935	1.27	1.230	1.233	0.207	35759.0	2011-08-31
H4-07-090_H4-07-090A	H4-07-090A	H4-07-090	7.063	1.28	0.938	1.662	0.133	32048.5	2011-08-31
H4-07-100_H4-07-090A	H4-07-100	H4-07-090A	1.016	1.29	0.279	5.028	0.275	2151.3	2011-08-31
H4-07-140_H4-CL-027	H4-07-140	H4-CL-027	5.704	1.30	0.727	1.312	0.127	28838.3	2011-08-31
H4-07-150_H4-07-150A	H4-07-150	H4-07-150A	8.496	1.30	0.751	1.357	0.088	27034.3	2011-08-31
H4-07-150A_H4-07-140	H4-07-150A	H4-07-140	1.367	1.30	0.713	1.318	0.522	27572.7	2011-08-31
H4-07-160_H4-07-150	H4-07-160	H4-07-150	3.764	1.30	0.752	1.358	0.200	26319.0	2011-08-31
H4-07-170_H4-07-160	H4-07-170	H4-07-160	1.661	1.30	0.741	1.939	0.446	25124.7	2011-08-31
H4-07-180_H4-07-170	H4-07-180	H4-07-170	1.873	1.31	0.445	1.951	0.238	13794.0	2011-08-31
H4-07-190_H4-MA-015	H4-07-190	H4-MA-015	1.828	1.31	0.311	1.457	0.170	10658.6	2011-08-31
H4-07-200_H4-07-190	H4-07-200	H4-07-190	1.367	1.31	0.211	1.389	0.154	2884.8	2011-08-31
H4-AD-002_H4-AD-011	H4-AD-010	H4-AD-011	0.704	1.31	0.071	2.231	0.101	510.9	2011-08-31
H4-AD-011_H4-07-160	H4-AD-011	H4-07-160	0.393	1.31	0.113	3.173	0.287	1095.4	2011-08-31
H4-CL-001_H4-CL-004	H4-CL-001	H4-CL-004	0.347	1.35	0.049	2.897	0.141	517.7	2011-08-31
H4-CL-004_H4-CL-009	H4-CL-004	H4-CL-009	0.287	1.35	0.049	1.672	0.170	498.6	2011-08-31
H4-CL-009_H4-CL-013	H4-CL-009	H4-CL-013	0.634	1.34	0.100	1.984	0.157	1004.0	2011-08-31
H4-CL-013_H4-CL-016	H4-CL-013	H4-CL-016	0.391	1.33	0.118	2.680	0.302	1150.2	2011-08-31
H4-CL-016_H4-CL-017	H4-CL-016	H4-CL-017	0.981	1.31	0.139	2.700	0.142	1344.1	2011-08-31
H4-CL-017_H4-07-140	H4-CL-017	H4-07-140	0.761	1.31	0.139	3.745	0.183	1292.2	2011-08-31
H4-CL-018_H4-CL-022	H4-CL-020	H4-CL-022	0.091	1.36	0.071	3.893	0.780	591.8	2011-08-31
H4-CL-022_H4-CL-027	H4-CL-022	H4-CL-027	0.123	1.34	0.110	2.710	0.898	1157.3	2011-08-31
H4-CL-027_H4-07-090A	H4-CL-027	H4-07-090A	8.501	1.29	0.811	1.666	0.095	30116.5	2011-08-31
H4-GA-002_H4-04-008	H4-GA-002	H4-04-008	5.860	1.20	1.326	1.273	0.226	35875.6	2011-08-31
H4-GA-004_H4-GA-002	H4-GA-004	H4-GA-002	3.978	1.22	1.295	1.359	0.325	35790.6	2011-08-31
H4-GA-005_H4-GA-004	H4-GA-005	H4-GA-004	7.585	1.24	1.264	1.363	0.167	35818.8	2011-08-31
H4-GR-009_H4-07-150A	H4-GR-008	H4-07-150A	1.125	1.30	0.078	1.850	0.069	484.0	2011-08-31
H4-GR-010_H4-07-150	H4-GR-010	H4-07-150	0.457	1.31	0.091	2.892	0.200	739.5	2011-08-31
H4-GR-011_H4-GR-010	H4-GR-011	H4-GR-010	0.481	1.31	0.082	2.994	0.170	530.9	2011-08-31
H4-GR-012_H4-GR-011	H4-GR-012	H4-GR-011	0.325	1.31	0.038	4.119	0.116	34.7	2011-08-31
H4-HA-001_H4-07-200	H4-HA-001	H4-07-200	0.641	1.31	0.068	3.576	0.106	564.6	2011-08-31
H4-HA-003_H4-HA-001	H4-HA-003	H4-HA-001	0.287	1.31	0.065	3.095	0.228	520.7	2011-08-31
H4-HA-004_H4-HA-003	H4-HA-004	H4-HA-003	0.346	1.31	-0.003	4.768	-0.010	177.5	2011-08-31
H4-HA-007_H4-HA-004	H4-HA-007	H4-HA-004	0.057	1.31	-0.004	4.657	-0.066	111.3	2011-08-31
H4-HU-001_H4-04-004	H4-HU-001	H4-04-004	14.891	5.88	0.054	2.306	0.004	597.4	2011-08-31
H4-HU-002_H4-HU-001	H4-HU-002	H4-HU-001	0.000	6.17	0.043	0.686		413.8	2011-08-31
H4-JA-002_H1-JA-046	MH-T5-5STB	H1-JA-046	4.494	1.03	-0.156	3.328	-0.035	717.5	2011-08-31
H4-JA-002_H4-JA-003	H4-JA-002	H4-JA-003	0.100	1.10	-0.058	7.425	-0.582	-739.4	2011-08-31
H4-JA-003_H4-JA-004	H4-JA-003	H4-JA-004	0.090	1.26	-0.058	9.941	-0.643	-704.3	2011-08-31
H4-JA-004_H4-JA-006	H4-JA-004	H4-JA-006	1.741	1.30	-0.130	3.802	-0.075	-289.0	2011-08-31
H4-JA-006_H4-07-200	H4-JA-006	H4-07-200	1.361	1.31	-0.155	2.398	-0.114	331.0	2011-08-31

H4-JA-009_H4-07-200	H4-JA-009	H4-07-200	0.289	1.32	0.175	3.518	0.607	2002.9	2011-08-2
H4-JA-011_H4-JA-009	H4-JA-011	H4-JA-009	0.426	1.33	0.061	4.172	0.143	785.3	2011-08-2
H4-JE-005_H4-07-170	H4-JE-005	H4-07-170	0.711	1.31	0.365	3.243	0.514	11213.5	2011-08-2
H4-JE-007_H4-JE-005	H4-JE-007	H4-JE-005	0.297	1.33	0.318	3.290	1.070	10485.3	2011-08-2
H4-JE-007_H5-JE-742	H4-JE-007	H5-JE-742	0.343	1.33	-0.302	3.358	-0.881	-10088.8	2011-08-2
H4-MA-001_H4-MA-006	H4-MA-001	H4-MA-006	0.374	1.28	-0.229	4.863	-0.613	2440.6	2011-08-2
H4-MA-006_H4-07-180	H4-MA-006	H4-07-180	0.375	1.30	-0.158	4.052	-0.421	3202.3	2011-08-2
H4-MA-008_H4-MA-015	H4-MA-008	H4-MA-015	1.755	1.31	-0.043	4.808	-0.025	-126.7	2011-08-2
H4-MA-015_H4-07-180	H4-MA-015	H4-07-180	6.278	1.31	0.316	2.047	0.050	10653.5	2011-08-2
H4-MO-001_H4-07-190	H4-MO-001	H4-07-190	3.493	1.31	0.268	3.128	0.077	7747.1	2011-08-2
H4-MO-002A_H4-MO-001	H4-MO-002A	H4-MO-001	0.681	1.31	0.263	4.015	0.386	7629.0	2011-08-2
H4-MO-004_H4-MO-002A	H4-MO-004	H4-MO-002A	0.521	1.31	0.232	4.786	0.445	7141.7	2011-08-2
H4-PA-005_H4-07-090	H4-PA-004	H4-07-090	1.442	1.31	0.293	2.519	0.203	3620.0	2011-08-2
H4-PA-005_H4-WI-013	H4-PA-005	H4-WI-013	0.925	1.32	-0.081	2.153	-0.088	-827.1	2011-08-2
H4-PA-008_H4-PA-005	H4-PA-008	H4-PA-005	0.129	1.33	0.202	1.350	1.564	2080.6	2011-08-2
H4-PA-011_H4-PA-008	H4-PA-011	H4-PA-008	3.193	1.33	0.132	1.349	0.041	1385.7	2011-08-2
H4-PA-012_H4-PA-011	H4-PA-012	H4-PA-011	0.805	1.33	0.085	1.967	0.105	876.1	2011-08-2
H4-PA-016_H4-PA-012	H4-PA-016	H4-PA-012	1.896	2.10	0.058	1.025	0.030	591.7	2011-08-2
H4-WI-001_H4-WI-004	H4-WI-001	H4-WI-004	0.401	1.35	0.049	2.002	0.123	542.4	2011-08-2
H4-WI-004_H4-WI-005	H4-WI-004	H4-WI-005	1.077	1.34	-0.074	1.313	-0.068	541.7	2011-08-2
H4-WI-005_H4-WI-009	H4-WI-005	H4-WI-009	1.047	1.34	-0.136	1.732	-0.130	1306.5	2011-08-2
H4-WI-009_H4-WI-013	H4-WI-009	H4-WI-013	1.057	1.34	0.195	2.153	0.184	2067.6	2011-08-2
H4-WI-013_H4-07-100	H4-WI-013	H4-07-100	2.223	1.32	0.254	4.072	0.114	1944.9	2011-08-2
H4-WW.2	H4-WW	OF-H4-TG2	0.000	1.02	1.323	1.303		27311.7	2011-08-2
H5_GC to H5_OF Original	H5_Inflow_Dummy	H5_Outflow_Dummy	0.000	0.77	0.090	1.579		317.8	2011-08-2
H5_GC.3	H5-SF	H5_GC	14.198	0.78	1.388	0.387	0.098	20355.4	2011-08-2
H5_TideGate.1	H5_OF	Outfall6	0.000	0.95	-0.011	1.387		0.0	2011-08-2
H5_WW.3	H5-WW	H5-SF	0.000	0.78	1.388	0.969		20439.6	2011-08-2
H5-09-444_H5-WA-440	H5-09-444	H5-WA-440	0.264	5.07	0.008	1.037	0.032	84.1	2011-08-2
H5-09-804_H4-MO-004	H5-09-804	H4-MO-004	0.020	1.36	0.015	9.025	0.763	504.9	2011-08-2
H5-10-446_H5-WA-400	H5-10-446	H5-WA-400	0.194	2.69	0.008	3.633	0.043	83.9	2011-08-2
H5-11-010_H5-11-009	H5-11-010	H5-INT-008A	1.098	1.01	0.716	2.658	0.652	21939.6	2011-08-2
H5-11-010_H5-WA-350	H5-11-010	H5-WA-350	2.626	1.99	-0.408	3.191	-0.155	-15662.5	2011-08-2
H5-11-015_H5-11-010	H5-11-015	H5-11-010	1.609	2.48	0.721	1.765	0.448	7357.0	2011-08-2
H5-11-020.1	H5-INT-008A	H5	5.173	0.83	0.716	1.456	0.138	21950.1	2011-08-2
H5-11-316_H5-WA-350	H5-11-316	H5-WA-350	1.781	1.99	0.171	1.172	0.096	1470.4	2011-08-2
H5-11-318_H5-11-316	H5-11-318	H5-11-316	0.497	2.00	0.159	2.052	0.320	1377.2	2011-08-2
H5-11-510_H5-11-009	H5-11-510	H5-11-009	17.063	1.32	0.534	1.306	0.031	3303.2	2011-08-2
H5-11-520_H5-11-510	H5-11-520	H5-11-510	3.626	1.32	0.527	1.308	0.145	3270.4	2011-08-2
H5-11-530_H5-11-520	H5-11-530	H5-11-520	0.000	1.32	0.527	1.270		3391.1	2011-08-2
H5-11-560_H5-11-530	H5-11-560	H5-11-530	10.436	1.32	0.484	1.270	0.046	2075.1	2011-08-2
H5-11-580_H5-11-560	H5-11-580	H5-11-560	6.543	1.32	0.466	0.981	0.071	1540.2	2011-08-2
H5-11-580_H6-PA-582	H5-11-580	H6-PA-582	0.437	1.46	-0.108	8.402	-0.246	-9246.0	2011-08-2
H5-11-620_H5-11-580	H5-11-620	H5-11-580	6.860	1.32	0.345	1.197	0.050	-7985.7	2011-08-2
H5-11-620_H5-WI-624	H5-11-620	H5-WI-624	0.963	1.35	-0.157	5.131	-0.163	-1653.8	2011-08-2
H5-11-630_H5-11-620	H5-11-630	H5-11-620	10.118	1.32	0.301	0.903	0.030	-9510.2	2011-08-2

H5-11-640_H5-11-630	H5-11-640	H5-11-630	4.380	1.32	0.292	1.170	0.067	-9769.9	2011-08-24
H5-11-640A_H7-SIP-006	H5-11-640A	H7-SIP-006	0.914	0.49	0.613	0.921	0.671	39955.0	2011-08-24
H5-11-650_H5-11-640	H5-11-650	H5-11-640	0.000	1.32	0.421	0.833		-8263.8	2011-08-24
H5-11-670_H5-11-650	H5-11-670	H5-11-650	1.632	1.32	0.395	1.167	0.242	-9216.7	2011-08-24
H5-11-670_H5-GR-678	H5-11-670	H5-GR-678	0.429	1.32	-0.046	3.507	-0.106	-411.9	2011-08-24
H5-11-691_H5-11-670	H5-11-691	H5-11-670	2.929	1.32	-0.430	1.681	-0.147	-11046.1	2011-08-24
H5-11-710_H5-11-691	H5-11-710	H5-11-691	3.752	1.32	-0.508	1.208	-0.135	-11625.9	2011-08-24
H5-11-720_H5-11-710	H5-11-720	H5-11-710	3.751	1.32	-0.505	1.191	-0.135	-11665.1	2011-08-24
H5-11-730_H5-11-720	H5-11-730	H5-11-720	3.001	1.32	-0.441	1.166	-0.147	-11977.5	2011-08-24
H5-11-730_H5-JE-734	H5-11-730	H5-JE-734	0.733	1.32	0.085	3.406	0.116	-988.9	2011-08-24
H5-11-750_H5-11-730	H5-11-750	H5-11-730	3.609	1.31	0.326	2.213	0.090	-4956.9	2011-08-24
H5-11-780_H5-11-750	H5-11-780	H5-11-750	1.090	1.31	-0.163	1.624	-0.150	-4203.3	2011-08-24
H5-11-780_H5-MO-794	H5-11-780	H5-MO-794	0.737	1.31	0.201	3.640	0.273	5167.8	2011-08-24
H5-11-788_H5-11-780	H5-11-788	H5-11-780	0.787	1.31	0.035	3.195	0.045	524.8	2011-08-24
H5-12-013_H5-HU-012	H5-12-013	H5-HU-012	7.570	1.67	0.035	1.496	0.005	1051.6	2011-08-24
H5-12-594_H5-12-599	H5-12-594	H5-12-599	0.069	1.58	0.036	1.927	0.525	376.1	2011-08-24
H5-12-599_H5-12-602	H5-12-599	H5-12-602	0.433	1.56	0.036	0.969	0.083	375.9	2011-08-24
H5-12-608_H5-12-602	H5-12-608	H5-12-602	0.093	1.52	-0.090	3.096	-0.963	-944.0	2011-08-24
H5-12-786_H5-MO-784	H5-12-786	H5-MO-784	0.590	1.31	0.001	2.590	0.001	44.6	2011-08-24
H5-AD-698_H5-11-691	H5-AD-698	H5-11-691	0.293	1.32	0.071	3.022	0.241	455.7	2011-08-24
H5-AD-712_H5-11-710	H5-AD-712	H5-11-710	0.071	1.32	0.006	5.956	0.080	56.5	2011-08-24
H5-AD-717_H5-11-720	H5-AD-714	H5-11-720	0.051	1.32	0.043	5.826	0.852	362.9	2011-08-24
H5-AT-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.72	0.106	0.456	0.050	991.0	2011-08-24
H5-BL-334_H5-11-318	H5-BL-334	H5-11-318	0.379	2.00	-0.103	2.046	-0.272	807.0	2011-08-24
H5-BL-346_H5-BL-334	H5-BL-346	H5-BL-334	0.533	2.00	-0.048	1.976	-0.090	304.9	2011-08-24
H5-BL-354_H5-BL-346	H5-BL-354	H5-BL-346	0.136	2.76	0.022	2.262	0.158	228.4	2011-08-24
H5-CL-648_H5-11-640	H5-CL-648	H5-11-640	0.306	1.32	0.205	3.324	0.671	-1404.5	2011-08-24
H5-CL-662_H5-11-650	H5-CL-662	H5-11-650	0.427	1.35	0.078	2.917	0.184	805.0	2011-08-24
H5-CP-071_H5-HU-151	H5-CP-071	H5-HU-151	1.016	6.63	0.268	0.876	0.264	2697.3	2011-08-24
H5-CP-097_H5-CP-071	H5-CP-097	H5-CP-071	1.167	7.38	0.269	0.704	0.230	2698.7	2011-08-24
H5-CP-104_H5-CP-097	H5-CP-104	H5-CP-097	0.245	14.37	0.084	1.425	0.343	896.0	2011-08-24
H5-CP-112_H5-CP-104	H5-CP-112	H5-CP-104	0.030	14.63	0.030	0.810	0.995	349.5	2011-08-24
H5-CP-112_H5-ST-254	H5-CP-112	H5-ST-254	1.952	14.50	0.172	0.420	0.088	1601.0	2011-08-24
H5-Discharge1	H5_Outflow	H5_Outflow_Dummy	0.000	0.77	-0.001	2.495		-2.9	2011-08-24
H5-GA-001A_H6-GA-562	H6-GA-001A	H5-GA-562	0.097	2.10	0.016	0.584	0.167	33.3	2011-08-24
H5-GA-562_H5-11-560	H5-GA-562	H5-11-560	0.899	1.76	0.071	5.493	0.079	592.7	2011-08-24
H5-GR-674_H5-11-670	H5-GR-674	H5-11-670	0.674	1.32	0.073	2.853	0.108	917.8	2011-08-24
H5-GR-682_H5-GR-678	H5-GR-682	H5-GR-678	1.236	1.32	0.046	3.508	0.037	454.3	2011-08-24
H5-GR-684_H5-GR-682	H5-GR-684	H5-GR-682	2.268	1.33	0.028	1.515	0.012	289.3	2011-08-24
H5-GR-688_H5-GR-682	H5-GR-688	H5-GR-682	2.219	1.33	0.002	3.787	0.001	16.5	2011-08-24
H5-HU-007_H5-HU-012	H5-HU-007	H5-HU-012	0.369	1.41	0.104	1.496	0.282	917.5	2011-08-24
H5-HU-007_H6-HU-001	H5-HU-007	H6-HU-001	1.277	1.41	-0.084	1.535	-0.066	-357.0	2011-08-24
H5-HU-010_H5-11-009	H5-HU-010	H5-11-009	0.293	1.32	0.201	2.860	0.685	2878.5	2011-08-24
H5-HU-012_H5-HU-010	H5-HU-012	H5-HU-010	0.638	1.39	0.191	1.942	0.300	2790.8	2011-08-24
H5-HU-015_H5-12-013	H5-HU-015	H5-12-013	0.110	2.28	0.035	0.386	0.315	1051.8	2011-08-24
H5-HU-017_H5-HU-015	H5-HU-017	H5-HU-015	0.088	2.82	0.026	0.751	0.291	272.2	2011-08-24

H5-HU-020_H5-11-015	H5-HU-020	H5-11-015	1.181	3.15	0.676	1.237	0.572	6888.5	2011-08-24
H5-HU-040_H5-HU-020	H5-HU-040	H5-HU-020	1.536	3.64	0.644	1.113	0.419	6389.2	2011-08-24
H5-HU-150A_H5-HU-151	H5-HU-150A	H5-HU-151	1.594	4.70	0.365	0.701	0.229	3569.8	2011-08-24
H5-HU-151_H5-HU-040	H5-HU-151	H5-HU-040	2.415	4.39	0.632	0.778	0.262	6264.2	2011-08-24
H5-HU-200A_H5-HU-150A	H5-HU-200A	H5-HU-150A	1.540	5.37	0.344	0.483	0.224	3341.4	2011-08-24
H5-HU-250_H5-HU-200A	H5-HU-250	H5-HU-200A	1.342	5.94	0.261	0.365	0.195	2478.4	2011-08-24
H5-HU-272_H5-HU-250	H5-HU-272	H5-HU-250	1.408	6.19	0.008	0.369	0.006	79.8	2011-08-24
H5-HW-542_H5-11-530	H5-HW-542	H5-11-530	0.161	1.88	0.113	0.615	0.703	1154.9	2011-08-24
H5-IC.1	H5-IC	11PS	2.666	0.86	0.201	3.483	0.076	14582.0	2011-08-24
H5-INT-001_H5-11-640A	H5-INT-001	H5-11-640A	1.345	0.56	0.613	0.931	0.456	40617.0	2011-08-24
H5-INT-002_H5-INT-001	H5-INT-002	H5-INT-001	2.021	0.61	0.440	1.525	0.218	26450.7	2011-08-24
H5-INT-003_H5-INT-002	H5-INT-003	H5-INT-002	0.000	0.65	0.440	1.084		26472.5	2011-08-24
H5-INT-004_H5-INT-003	H5-INT-004	H5-INT-003	1.551	5.86	0.440	0.364	0.284	26485.7	2011-08-24
H5-INT-004A_H5-INT-004	H5-INT-004A	H5-INT-004	0.982	6.44	0.440	0.617	0.448	26538.8	2011-08-24
H5-INT-004B_H5-INT-004A	H5-INT-004B	H5-INT-004A	1.220	7.12	0.440	0.570	0.361	26605.3	2011-08-24
H5-INT-005_H5-INT-004B	H5-INT-005	H5-INT-004B	0.487	7.46	0.440	0.661	0.904	26663.1	2011-08-24
H5-INT-006_H5-INT-005	H5-INT-006	H5-INT-005	0.000	7.50	0.440	0.701		26735.0	2011-08-24
H5-INT-007_H5-INT-006	H5-INT-007	H5-INT-006	0.740	7.59	0.440	0.736	0.595	26760.1	2011-08-24
H5-INT-007A_H5-INT-007	H5-INT-007A	H5-INT-007	1.246	8.11	0.440	0.711	0.353	26795.2	2011-08-24
H5-INT-008_11th St PS	H5-11-020	H5-INT-001	0.519	0.61	0.173	1.034	0.334	14524.9	2011-08-24
H5-INT-009_H5-INT-008	H5-INT-009	H5-INT-008	0.245	0.88	0.192	3.559	0.787	8019.6	2011-08-24
H5-INT-010_H5-INT-009	H5-INT-010	H5-INT-009	0.806	0.90	0.186	3.636	0.231	8044.9	2011-08-24
H5-JE-734_H5-JE-736A	H5-JE-734	H5-JE-736A	0.814	1.31	-0.074	5.240	-0.091	-879.9	2011-08-24
H5-JE-736A_H7-JE-007	H5-JE-736A	H7-JE-007	0.922	1.32	-0.067	4.243	-0.073	-588.9	2011-08-24
H5-JE-742_H5-11-730	H5-JE-742	H5-11-730	0.298	1.33	-0.235	4.699	-0.789	-8186.4	2011-08-24
H5-JK-798_H5-09-804	H5-JK-798	H5-09-804	0.071	1.37	0.015	5.415	0.218	509.9	2011-08-24
H5-JK-798_H5-MO-794	H5-JK-798	H5-MO-794	0.077	1.37	0.019	7.281	0.252	-99.5	2011-08-24
H5-MA-754_H5-11-750	H5-MA-754	H5-11-750	0.141	1.30	-0.167	4.402	-1.188	229.6	2011-08-24
H5-MA-756_H5-MA-754	H5-MA-756	H5-MA-754	0.756	1.28	-0.170	5.393	-0.224	124.9	2011-08-24
H5-MA-756A_H5-MA-756	H5-MA-756A	H5-MA-756	0.065	1.28	0.034	7.076	0.524	319.4	2011-08-24
H5-MA-762_H5-11-750	H5-MA-762	H5-11-750	1.124	1.30	-0.246	3.696	-0.219	-1642.1	2011-08-24
H5-MA-762_H5-MA-768	H5-MA-764	H5-MA-768	0.098	1.23	0.053	7.804	0.534	1747.8	2011-08-24
H5-MA-768_H4-MA-001	H5-MA-768	H4-MA-001	1.262	1.24	-0.200	5.819	-0.158	1981.7	2011-08-24
H5-MO-784_H5-11-780	H5-MO-784	H5-11-780	1.034	1.31	-0.017	2.556	-0.017	227.6	2011-08-24
H5-MO-794_H4-MO-004	H5-MO-794	H4-MO-004	0.307	1.31	0.194	4.823	0.633	6292.1	2011-08-24
H5-SF.3	H5-INT-008	H5-IC	2.555	0.86	0.192	3.466	0.075	7977.7	2011-08-24
H5-SH-052_H5-HU-040	H5-SH-052	H5-HU-040	0.060	4.04	0.012	2.335	0.201	83.1	2011-08-24
H5-ST-078_H5-CP-097	H5-ST-078	H5-CP-097	0.076	8.19	0.142	2.246	1.856	1368.9	2011-08-24
H5-ST-084_H5-ST-078	H5-ST-084	H5-ST-078	0.185	12.34	0.083	3.198	0.449	783.1	2011-08-24
H5-ST-096_H5-ST-084	H5-ST-096	H5-ST-084	0.125	21.44	0.041	1.127	0.324	386.9	2011-08-24
H5-ST-114_H5-CP-112	H5-ST-114	H5-CP-112	0.104	20.23	0.065	1.215	0.622	611.4	2011-08-24
H5-ST-116_H5-ST-114	H5-ST-116	H5-ST-114	0.118	24.17	0.043	1.149	0.364	401.0	2011-08-24
H5-ST-124_H5-CP-112	H5-ST-124	H5-CP-112	0.085	17.40	0.092	2.487	1.080	898.6	2011-08-24
H5-ST-128_H5-ST-124	H5-ST-128	H5-ST-124	0.084	18.15	0.079	3.313	0.948	783.8	2011-08-24
H5-ST-134_H5-ST-128	H5-ST-134	H5-ST-128	0.158	18.45	0.061	3.281	0.387	607.7	2011-08-24

H5-ST-136_H5-ST-134	H5-ST-136	H5-ST-134	0.087	18.73	0.062	2.537	0.709	607.9	2011-08-24
H5-ST-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.72	0.106	0.456	0.050	991.0	2011-08-24
H5-ST-254_H5-ST-252	H5-ST-254	H5-ST-252	1.967	10.81	0.188	0.313	0.096	1749.7	2011-08-24
H5-WA-350_H5-WA-356	H5-WA-350	H5-WA-356	3.976	1.99	0.248	1.955	0.062	493.2	2011-08-24
H5-WA-356_H6-WA-004	H5-WA-356	H6-WA-004	0.144	1.98	-0.048	3.269	-0.337	581.1	2011-08-24
H5-WA-400_H5-WA-350	H5-WA-400	H5-WA-350	1.233	1.99	0.275	1.172	0.223	3172.8	2011-08-24
H5-WA-440_H5-WA-400	H5-WA-440	H5-WA-400	0.397	2.02	0.183	1.453	0.461	2224.9	2011-08-24
H5-WA-480_H5-WA-440	H5-WA-480	H5-WA-440	1.078	2.23	0.131	0.415	0.121	1394.4	2011-08-24
H5-WA-480A_H5-WA-480	H5-WA-480A	H5-WA-480	0.786	2.37	0.031	0.222	0.040	323.3	2011-08-24
H5-WA-490_H5-WA-480	H5-WA-490	H5-WA-480	1.124	2.26	0.050	0.222	0.045	534.5	2011-08-24
H5-WA-490A_H5-WA-490	H5-WA-490A	H5-WA-490	0.732	2.33	0.024	0.185	0.032	245.7	2011-08-24
H5-WI-606_H5-12-602	H5-WI-606	H5-12-602	0.126	1.57	0.029	1.616	0.233	316.0	2011-08-24
H5-WI-612_H5-12-608	H5-WI-612	H5-12-608	0.008	1.89	0.014	6.280	1.773	141.5	2011-08-24
H5-WI-624_H5-12-608	H5-WI-624	H5-12-608	0.219	1.43	-0.157	3.080	-0.717	-1665.6	2011-08-24
H6 REGULATOR_H5-INT-010	H6-IC	H5-INT-010	1.895	0.91	0.186	3.366	0.098	8138.5	2011-08-24
H6-14-001_H6-14-002	H6-14-001	H6-14-002	0.146	1.53	0.033	5.270	0.223	-352.6	2011-08-24
H6-14-002_H6-14-003A	H6-14-002	H6-14-003A	0.204	1.53	0.032	4.738	0.158	-357.5	2011-08-24
H6-14-003_H6-14-006	H6-14-003	H6-14-006	0.613	1.52	0.235	2.697	0.383	2338.2	2011-08-24
H6-14-003A_H6-14-003B	H6-14-003A	H6-14-003B	0.735	1.52	0.032	4.766	0.043	-362.7	2011-08-24
H6-14-003B_H6-14-003	H6-14-003B	H6-14-003	4.700	1.52	-0.030	2.596	-0.006	-352.5	2011-08-24
H6-14-006_H6-14-008	H6-14-006	H6-14-008	1.659	1.49	0.288	2.518	0.174	2909.5	2011-08-24
H6-14-008_H6-14-010	H6-14-008	H6-14-010	0.742	1.46	0.460	2.601	0.620	5528.8	2011-08-24
H6-14-010A_H6-14-010	H6-14-010A	H6-14-010	0.078	1.78	0.161	7.429	2.063	2143.5	2011-08-24
H6-14-010B_H6-14-010A	H6-14-010B	H6-14-010A	0.046	2.89	0.098	10.651	2.118	1367.7	2011-08-24
H6-14-010C_H6-14-010B	H6-14-010C	H6-14-010B	0.064	3.63	0.078	11.709	1.225	1072.1	2011-08-24
H6-14-020.1	H6-14-020	H6	0.230	1.25	-0.004	4.146	-0.019	-15.5	2011-08-24
H6-GA-001A_H6-GA-005	H6-GA-001A	H6-GA-005	0.161	2.12	0.046	5.072	0.285	565.6	2011-08-24
H6-GA-005_H6-GA-008	H6-GA-005	H6-GA-008	0.091	1.96	0.103	2.964	1.129	1265.8	2011-08-24
H6-GA-008_H6-14-003	H6-GA-008	H6-14-003	0.159	1.56	0.116	5.496	0.732	1426.7	2011-08-24
H6-GA-009_H6-14-003	H6-GA-009	H6-14-003	4.947	1.79	0.052	0.895	0.011	760.6	2011-08-24
H6-HU-001_H6-HU-002	H6-HU-001	H6-HU-003	0.064	1.41	-0.052	4.748	-0.812	147.0	2011-08-24
H6-HU-001A_H6-HU-001	H6-HU-001A	H6-HU-001	0.087	1.45	0.022	4.876	0.247	255.5	2011-08-24
H6-HU-003_H6-14-010	H6-HU-003	H6-14-010	0.368	1.41	-0.038	5.202	-0.102	341.3	2011-08-24
H6-HW-001_H6-14-006	H6-HW-001	H6-14-006	0.199	1.76	0.039	2.574	0.197	449.2	2011-08-24
H6-HW-001A_H5-HW-542	H6-HW-001A	H5-HW-542	0.207	2.31	0.003	0.774	0.015	0.3	2011-08-24
H6-HW-001A_H6-HW-001	H6-HW-001A	H6-HW-001	0.474	2.31	0.000	0.646	0.000	0.5	2011-08-24
H6-PA-001_H6-PA-002	H6-PA-001	H6-PA-002	0.125	1.08	-0.115	2.154	-0.921	-1864.1	2011-08-24
H6-PA-002_H6-PA-007	H6-PA-002	H6-PA-007	0.055	1.49	-0.060	5.006	-1.085	-1250.1	2011-08-24
H6-PA-007_H6-14-001	H6-PA-007	H6-14-001	0.101	1.53	-0.031	4.836	-0.312	-510.7	2011-08-24
H6-PA-582_H6-PA-588	H6-PA-582	H6-PA-588	0.062	2.95	-0.108	5.049	-1.752	-9249.5	2011-08-24
H6-PA-588_H6-PA-592	H6-PA-588	H6-PA-592	0.631	3.95	-0.215	6.416	-0.340	-9256.1	2011-08-24
H6-PA-592_H6-PA-001	H6-PA-592	H6-PA-001	0.068	0.87	-0.121	1.104	-1.784	-1863.6	2011-08-24
H6-WA-004_H6-WA-009	H6-WA-004	H6-WA-009	0.229	1.95	0.103	4.279	0.452	1376.0	2011-08-24
H6-WA-009_H6-WA-010	H6-WA-009	H6-WA-010	0.206	1.86	0.124	4.429	0.603	1977.0	2011-08-24
H6-WA-010_H6-14-008	H6-WA-010	H6-14-008	0.214	1.73	0.125	5.037	0.583	1972.8	2011-08-24
H6WW_Outfall8	H6-WW	H7-15-012D	0.987	1.18	0.601	2.137	0.609	6842.0	2011-08-24

H7 REGULATOR_H7-INT-001	H7-IC	H7-INT-001	2.469	0.94	0.152	3.338	0.062	7342.6	2011-08-24
H7-15_Sta0+00.1	H7-15_Sta0+00	H7-15_Sta2+42.5+	0.074	1.08	-0.006	3.049	-0.076	-13.1	2011-08-24
H7-15_Sta2+42.5+.1	H7-15_Sta2+42.5+	H7-15-150	0.075	1.08	-0.013	3.083	-0.168	-30.0	2011-08-24
H7-15-001_H7-15-002	H7-15-001	H7-15-002	4.092	1.23	0.033	1.778	0.008	165.4	2011-08-24
H7-15-001_H7-MA-008	H7-15-001	H7-MA-008	0.280	1.23	-0.030	2.686	-0.108	-140.6	2011-08-24
H7-15-002_H7-15-003	H7-15-002	H7-15-003	5.097	1.23	0.187	1.894	0.037	1296.9	2011-08-24
H7-15-002_H7-JE-003	H7-15-002	H7-JE-003	1.585	1.23	0.063	5.106	0.040	345.1	2011-08-24
H7-15-003_H7-15-004	H7-15-003	H7-15-004	4.178	1.23	0.242	1.380	0.058	1239.6	2011-08-24
H7-15-003_H7-AD-003	H7-15-003	H7-AD-003	0.097	1.23	0.061	4.140	0.629	6.4	2011-08-24
H7-15-004_H7-15-005	H7-15-004	H7-15-005	2.549	1.23	0.332	0.938	0.130	2433.5	2011-08-24
H7-15-004_H7-GR-010	H7-15-004	H7-GR-010	0.384	1.23	0.036	3.434	0.094	61.5	2011-08-24
H7-15-005_H7-15-006	H7-15-005	H7-15-006	2.721	1.22	0.553	0.967	0.203	5568.2	2011-08-24
H7-15-005_H7-CL-010	H7-15-005	H7-CL-010	0.785	1.27	0.164	4.566	0.208	-2093.2	2011-08-24
H7-15-006_H7-15-007	H7-15-006	H7-15-007	1.329	1.20	0.589	2.024	0.443	6005.8	2011-08-24
H7-15-007_H7-15-008	H7-15-007	H7-15-008	1.566	1.15	0.898	1.398	0.573	10158.9	2011-08-24
H7-15-008_H7-15-009	H7-15-008	H7-15-009	0.243	1.10	0.898	0.797	3.702	10119.2	2011-08-24
H7-15-009_H7-15-012B1	H7-15-009	H7-15-012B1	4.936	1.10	0.991	0.936	0.201	11208.3	2011-08-24
H7-15-010.1	H7-15-010	H7	0.124	1.06	-0.039	4.175	-0.314	-166.2	2011-08-24
H7-15-012B_H7-15-012D	H7-15-012B	H7-15-012D	9.189	1.06	0.902	0.916	0.098	4132.8	2011-08-24
H7-15-012B1_H7-15-012B	H7-15-012B1	H7-15-012B	8.391	1.08	1.019	1.265	0.121	11237.5	2011-08-24
H7-15-100.1	H7-15-100	H7-15-010	0.056	1.06	-0.037	4.004	-0.652	-149.6	2011-08-24
H7-15-110.1	H7-15-110	H7-15-100	0.147	1.06	-0.023	3.883	-0.158	-94.3	2011-08-24
H7-15-150.1	H7-15-150	H7-15-991	0.049	1.06	-0.016	3.636	-0.332	-62.0	2011-08-24
H7-15-991.1	H7-15-991	H7-15-110	0.049	1.06	-0.019	3.669	-0.385	-82.3	2011-08-24
H7-AD-001_H7-AD-002	H7-AD-001	H7-AD-002	0.674	1.23	0.005	3.948	0.007	188.3	2011-08-24
H7-AD-002_H7-15-003	H7-AD-002	H7-15-003	0.830	1.23	-0.013	4.634	-0.016	138.9	2011-08-24
H7-AD-003_H7-AD-004	H7-AD-003	H7-AD-004	0.344	1.24	0.063	4.728	0.184	146.1	2011-08-24
H7-AD-004_H7-AD-005	H7-AD-004	H7-AD-005	0.641	1.24	0.063	4.610	0.099	108.4	2011-08-24
H7-AD-005_H7-AD-006	H7-AD-005	H7-AD-006	0.098	1.29	0.063	5.882	0.650	94.3	2011-08-24
H7-AD-006_H5-AD-698	H7-AD-006	H5-AD-698	0.191	1.32	0.066	4.751	0.344	228.1	2011-08-24
H7-CL-001_H7-CL-004	H7-CL-001	H7-CL-004	0.054	1.18	-0.062	4.767	-1.164	-774.5	2011-08-24
H7-CL-004_H7-CL-006	H7-CL-004	H7-CL-006	0.651	1.23	0.063	3.560	0.097	19.9	2011-08-24
H7-CL-006_H7-15-005	H7-CL-006	H7-15-005	0.482	1.23	0.107	4.294	0.222	805.7	2011-08-24
H7-CL-010_H5-CL-648	H7-CL-010	H5-CL-648	0.206	1.29	0.188	4.287	0.914	-1697.2	2011-08-24
H7-GR-001_H7-GR-003	H7-GR-001	H7-GR-003	0.074	1.22	-0.052	8.335	-0.710	-578.6	2011-08-24
H7-GR-003_H7-GR-004	H7-GR-003	H7-GR-004	0.058	1.25	0.044	3.550	0.758	418.2	2011-08-24
H7-GR-004_H7-GR-005	H7-GR-004	H7-GR-005	0.739	1.24	0.063	3.130	0.086	846.6	2011-08-24
H7-GR-005_H7-GR-006	H7-GR-005	H7-GR-006	1.249	1.24	0.061	3.040	0.049	827.1	2011-08-24
H7-GR-006_H7-15-004	H7-GR-006	H7-15-004	0.239	1.23	0.086	2.727	0.359	1283.7	2011-08-24
H7-GR-010_H7-GR-013	H7-GR-010	H7-GR-013	0.084	1.31	0.036	8.370	0.431	38.7	2011-08-24
H7-GR-013_H5-GR-674	H7-GR-013	H5-GR-674	0.559	1.32	0.038	4.747	0.068	182.4	2011-08-24
H7-INT-001_H6-INT-002	H7-INT-001	H6-IC	0.584	0.93	0.152	3.521	0.260	7305.9	2011-08-24
H7-JE-001_H7-15-002	H7-JE-001	H7-15-002	1.178	1.24	0.114	3.555	0.097	1706.2	2011-08-24
H7-JE-003_H7-JE-004	H7-JE-003	H7-JE-004	0.424	1.23	0.065	4.468	0.154	463.5	2011-08-24
H7-JE-006_H7-JE-004	H7-JE-006	H7-JE-004	0.413	1.24	-0.065	4.135	-0.158	-424.8	2011-08-24
H7-JE-007_H7-JE-006	H7-JE-007	H7-JE-006	0.090	1.29	-0.065	9.663	-0.729	-402.5	2011-08-24

H7-MA-001_H7-MA-002	H7-MA-001	H7-MA-002	0.048	1.23	0.001	4.539	0.015	29.7	2011-08-24
H7-MA-002_H7-MA-004	H7-MA-002	H7-MA-004	0.044	1.23	0.003	4.603	0.078	27.7	2011-08-24
H7-MA-003_H7-MA-004	H7-MA-003	H7-MA-004	0.044	1.23	0.002	4.603	0.037	110.6	2011-08-24
H7-MA-004_H7-MA-006	H7-MA-004	H7-MA-006	0.043	1.23	0.005	5.120	0.124	132.3	2011-08-24
H7-MA-006_H7-15-001	H7-MA-006	H7-15-001	0.641	1.23	0.006	2.868	0.009	127.4	2011-08-24
H7-MA-008_H5-MA-756A	H7-MA-008	H5-MA-756A	0.036	1.27	0.029	6.079	0.815	249.9	2011-08-24
H7-PA-001_H7-PA-004	H7-PA-001	H7-PA-004	0.056	1.21	0.008	6.225	0.149	96.9	2011-08-24
H7-PA-004_H7-PA-005	H7-PA-004	H7-PA-005	0.072	1.11	0.063	2.418	0.877	640.1	2011-08-24
H7-PA-005_H7-PA-007	H7-PA-005	H7-PA-007	0.065	1.08	-0.028	4.638	-0.437	-323.9	2011-08-24
H7-PA-007B_H7-PA-007	H7-PA-007B	H7-PA-007	3.730	1.09	0.008	1.884	0.002	87.7	2011-08-24
H7-PA-011_H7-15-009	H7-PA-011	H7-15-009	0.087	1.39	0.050	5.577	0.576	822.1	2011-08-24
H7-SIP-006_H7-SIP-005	H7-SIP-006	WWTP	0.000	0.17	0.613	0.406		39933.5	2011-08-24
H7-WI-001_H7-WI-002	H7-WI-001	H7-WI-002	0.101	1.55	0.045	2.811	0.440	521.0	2011-08-24
H7-WI-002_H7-WI-003	H7-WI-002	H7-WI-003	0.274	1.54	0.048	2.932	0.175	563.5	2011-08-24
H7-WI-003_H7-WI-004	H7-WI-003	H7-WI-004	0.231	1.52	0.048	4.986	0.207	556.5	2011-08-24
H7-WI-004_H7-WI-005	H7-WI-004	H7-WI-005	0.133	1.51	0.048	3.125	0.359	549.8	2011-08-24
H7-WI-005_H7-WI-009	H7-WI-005	H7-WI-009	0.190	1.50	0.048	3.723	0.252	539.2	2011-08-24
H7-WI-007_H7-WI-009	H7-WI-007	H7-WI-009	0.065	1.58	0.029	6.516	0.444	410.6	2011-08-24
H7-WI-009_H7-15-007	H7-WI-010	H7-15-007	0.287	1.33	0.155	3.232	0.541	2222.2	2011-08-24
H7-WI-013_H7-15-007	H7-WI-013	H7-15-007	0.713	1.21	0.111	3.232	0.156	1381.2	2011-08-24
H7-WI-014A_H7-WI-014	H7-WI-014A	H7-WI-013	0.989	1.22	0.086	2.751	0.087	998.5	2011-08-24
H7-WI-015_H7-15-006	H7-WI-015	H7-15-006	0.418	1.22	0.025	3.314	0.060	351.3	2011-08-24
H7-WI-017_H7-WI-014A	H7-WI-017	H7-WI-014A	0.827	1.22	0.074	2.747	0.090	871.4	2011-08-24
H7-WI-017B_H7-WI-017	H7-WI-017B	H7-WI-017	0.100	1.24	0.016	4.517	0.165	202.0	2011-08-24
H7-WI-019_H7-WI-017	H7-WI-019	H7-WI-017	0.252	1.23	0.007	2.411	0.027	70.8	2011-08-24
H7-WW.1	H7-WW	H7-15-012B	0.000	1.06	-0.166	0.951		-7536.0	2011-08-24
HHA-FM_DITCH	HHA-FM	HHA-OF	0.156	7.60	0.317	23.703	2.038	4741.2	2011-08-24
HSI.1	HSI	SPS	0.309	0.93	0.044	0.254	0.141	850.4	2011-08-24
HSI-05-002A_HSI-05-002	HSI-05-002A	HSI-05-002	0.264	5.32	0.063	1.770	0.239	701.1	2011-08-24
HSI-05-010.1	HSI-05-010	HSI	0.590	3.39	0.260	0.498	0.441	2834.7	2011-08-24
HSI-RI-001_HSI-RI-003A	HSI-RI-001	HSI-RI-003A	0.268	12.68	0.051	0.977	0.189	594.3	2011-08-24
HSI-RI-003A_HSI-RI-008	HSI-RI-003A	HSI-RI-008	0.303	11.13	0.146	0.901	0.481	1557.1	2011-08-24
HSI-RI-004A_HSI-RI-003A	HSI-RI-004A	HSI-RI-003A	0.117	13.83	0.084	1.466	0.716	832.5	2011-08-24
HSI-RI-004AV_HSI-RI-004A	HSI-RI-004AV	HSI-RI-004A	0.000	14.42	0.060	3.715		595.0	2011-08-24
HSI-RI-004B_HSI-RI-004AV	HSI-RI-004B	HSI-RI-004AV	0.000	15.12	0.060	7.140		595.2	2011-08-24
HSI-RI-004C_HSI-RI-004B	HSI-RI-004C	HSI-RI-004B	0.000	15.61	0.025	9.549		233.0	2011-08-24
HSI-RI-004E_HSI-RI-004B	HSI-RI-004E	HSI-RI-004B	0.000	16.55	0.035	14.155		363.1	2011-08-24
HSI-RI-004H_HSI-RI-004A	HSI-RI-004H	HSI-RI-004A	0.182	15.28	0.024	1.253	0.132	238.0	2011-08-24
HSI-RI-008_HSI-05-002	HSI-RI-008	HSI-05-002	0.478	7.67	0.190	1.416	0.398	2051.3	2011-08-24
HWF-INT-012_HWF-INT-013	HWF-INT-012	SPS	1.537	0.48	0.457	2.865	0.297	26057.8	2011-08-24
HWF-INT-016A_H5-INT-007A	HWF-INT-016A	H5-INT-007A	0.267	8.71	0.440	1.048	1.650	26843.4	2011-08-24
Link_10	Node_77	Outfall8	10.635	0.96	1.503	1.616	0.141	10878.5	2011-08-24
Link_103	H4-IC	H3-INT-007	2.656	0.50	0.218	2.874	0.082	11276.0	2011-08-24
Link_11	H6-14-010	H6	1.117	1.35	0.641	2.006	0.574	7871.6	2011-08-24
Link_110	HSI-OF	HWF-INT-016	5.961	1.02	0.217	0.871	0.036	1984.9	2011-08-24

Link_112	Node_32	Node_61	2.333	1.00	0.245	0.971	0.105	2101.4	2011-08-24
Link_113	Node_45	Node_64	149.390	0.99	3.917	0.309	0.026	47389.6	2011-08-24
Link_115	Node_62	Node_40	777.648	0.96	3.930	0.315	0.005	45379.0	2011-08-24
Link_116	Node_66	Node_39	483.665	0.95	0.421	0.989	0.001	9275.9	2011-08-24
Link_12	Node_75	Node_10	3.277	0.96	0.132	3.635	0.040	1557.0	2011-08-24
Link_120	H5_GC	H5_Inflow_Dummy	0.000	0.78	1.388	1.585		20206.1	2011-08-24
Link_121	H5_Outflow_Dummy	H5_OF	0.000	0.77	0.038	1.579		133.3	2011-08-24
Link_128	H7-PA-005	Node_74	2.723	0.96	0.132	2.665	0.048	1557.0	2011-08-24
Link_131	H7-15-012D	Node_76	12.682	1.02	1.503	1.455	0.119	10888.6	2011-08-24
Link_133	14VO-14-007	Node_78	0.417	1.33	0.232	1.186	0.556	2395.6	2011-08-24
Link_135	Node_80	5	0.000	0.96	1.749	1.010		8877.2	2011-08-24
Link_137	Outfall3Gate2	Outfall3	2.174	0.97	0.785	2.197	0.361	7594.0	2011-08-24
Link_138	OF-H1-V2	HWF-OB-001	0.603	0.95	0.000	2.105	0.000	0.0	2011-08-24
Link_139	H4-PA-004	H4-PA-005	1.720	1.32	-0.293	1.878	-0.170	-3631.5	2011-08-24
Link_140	H1-HA-130	PR_DH_MH1	0.559	1.10	-0.083	1.756	-0.148	-553.3	2011-08-24
Link_143	RG-3	H2-WA-005A	1.342	5.00	0.000	0.031	0.000	5.2	2011-08-24
Link_166	HHA-OF	Node_92	10.895	2.70	0.311	0.221	0.029	4704.9	2011-08-24
Link_167	Node_92	Node_34	18.012	2.49	0.794	0.409	0.044	11502.3	2011-08-24
Link_168	H1-OB-122A	MH-T7-OBS	1.169	1.06	0.518	2.895	0.444	4317.0	2011-08-24
Link_170	H1-OB-101	MH-T5-OBS	0.357	1.09	0.172	3.350	0.481	5281.1	2011-08-24
Link_171	T5-OBS_A	MH-T5-OBS	0.106	1.02	-0.091	8.075	-0.862	50.6	2011-08-24
Link_173	H1-OB-080A	H1-OB-077	3.082	1.02	1.343	2.236	0.436	47809.7	2011-08-24
Link_175	MH-T6-NEW	H1-NE-029A	1.182	1.08	0.179	2.911	0.152	5262.8	2011-08-24
Link_177	H1-JA-034	MH-T2-2STB	1.267	1.06	0.272	4.762	0.215	2911.8	2011-08-24
Link_183	Node_118	T2-4ST	0.000	1.17	0.000	0.448		0.0	2011-08-24
Link_203	H4-JA-002	MH-T5-5STB	6.157	1.03	0.061	2.462	0.010	758.0	2011-08-24
Link_241	H5-MA-762	H5-MA-764	0.098	1.25	0.098	5.115	0.995	1748.8	2011-08-24
Link_246	H1-MA-048	H1-MA-044	0.530	1.16	0.125	3.190	0.235	1663.1	2011-08-24
Link_257	H1-JE-023	H1-01-080	0.121	1.13	0.380	1.740	3.141	12247.6	2011-08-24
Link_260	H5-AD-717	H5-AD-714	0.051	1.35	0.026	5.675	0.506	346.2	2011-08-24
Link_263	H4-AD-002	H4-AD-010	0.704	1.31	0.043	2.191	0.061	439.4	2011-08-24
Link_266	H1-AD-048	H1-AD-043	0.585	1.21	0.150	2.586	0.257	1716.8	2011-08-24
Link_272	H4-GR-009	H4-GR-008	1.125	1.30	0.044	1.613	0.039	480.5	2011-08-24
Link_277	H1-GR-046	H1-GR-038	0.504	1.22	0.121	2.590	0.239	1015.4	2011-08-24
Link_294	H3-05-090	H3-WI-015	0.881	1.24	0.263	3.518	0.299	4160.3	2011-08-24
Link_296	H7-WI-009	H7-WI-010	0.287	1.43	0.164	2.571	0.569	2163.8	2011-08-24
Link_300	H4-CL-018	H4-CL-020	0.091	1.37	0.053	3.938	0.582	583.8	2011-08-24
Link_307	H1-GA-017	H1-GA-012	1.135	0.96	0.660	1.704	0.581	15438.1	2011-08-24
Link_312	Node_91	HHA-OF	10.895	2.72	0.030	0.115	0.003	-6.0	2011-08-24
Link_314	T7-OBS	T7OBS-Weir-Dummy	0.000	1.05	-0.064	1.376		38.0	2011-08-24
Link_34	Node_30	Node_31	19.937	1.07	-0.041	0.178	-0.002	-99.4	2011-08-24
Link_35	Node_61	Node_33	2.333	1.00	-0.256	0.576	-0.110	1906.5	2011-08-24
Link_36	Node_67	Node_32	0.469	1.01	0.102	3.273	0.217	969.5	2011-08-24
Link_38	Node_31	Node_35	0.253	1.13	-0.075	0.965	-0.297	-860.2	2011-08-24
Link_382	NJT-OVERFLOW	Node_37	0.830	1.07	0.422	0.460	0.508	10067.2	2011-08-24
Link_39	Node_35	Node_36	0.820	2.03	-0.283	0.381	-0.345	-1333.0	2011-08-24

Link_4	H2-OF	Outfall3Gate1	1.429	1.19	0.785	2.477	0.550	7624.4	2011-08-24
Link_40	Node_36	NJT-OVERFLOW	0.843	1.36	0.423	0.503	0.502	10081.1	2011-08-24
Link_41	Node_37	Node_38	9.091	0.99	0.422	2.187	0.046	9668.3	2011-08-24
Link_43	Node_32	Node_31	5.051	1.06	-0.111	0.223	-0.022	-1091.2	2011-08-24
Link_44	Node_38	Node_65	850.000	0.99	0.421	0.871	0.000	9515.2	2011-08-24
Link_45	Node_34	Node_36	3.917	1.53	0.700	0.642	0.179	11476.9	2011-08-24
Link_48	Node_33	Node_43	39.108	0.99	-0.311	0.392	-0.008	2117.5	2011-08-24
Link_49	Node_43	Node_44	56.902	0.99	-0.399	0.470	-0.007	1929.4	2011-08-24
Link_50	Node_44	Node_45	107.686	0.99	-0.637	0.558	-0.006	1865.8	2011-08-24
Link_6	H3-RI-006	H3-INT-003A	15.996	1.04	0.711	2.030	0.044	377.6	2011-08-24
Link_8	HSI-05-002	HSI-05-010	0.339	3.78	0.260	0.752	0.768	2834.9	2011-08-24
Link_9	H5-11-009	H5	1.145	0.91	0.655	3.189	0.572	6145.7	2011-08-24
New2	H2-IC	H2-INT-007	3.413	0.99	0.208	2.628	0.061	4434.2	2011-08-24
New3	HWF-INT-016	OF-H4-TG2	5.961	1.02	0.216	1.282	0.036	1970.4	2011-08-24
OF-H4-TG2.1	OF-H4-TG2	outfall5-tg	3.415	1.01	1.749	1.522	0.512	8900.4	2011-08-24
RG-1_H2-03-020	RG-1	H2-03-020	0.600	2.08	-0.013	1.078	-0.021	-7.0	2011-08-24
RG-10_H5-WA-440	RG-10	H5-WA-440	0.915	2.02	-0.025	2.336	-0.027	87.8	2011-08-24
RG-11_H5-WA-400	RG-11	H5-WA-400	0.944	2.01	-0.019	2.443	-0.020	99.0	2011-08-24
RG-12_H5-WA-400	RG-12	H5-WA-400	0.944	2.01	-0.021	2.443	-0.022	91.2	2011-08-24
RG-13_H5-WA-350	RG-13	H5-WA-350	0.949	1.88	-0.152	3.171	-0.161	103.8	2011-08-24
RG-14_H5-WA-356	RG-14	H5-WA-356	0.954	1.87	-0.208	3.052	-0.218	52.4	2011-08-24
RG-15_H6-WA-004	RG-15	H6-WA-004	0.900	1.94	0.051	2.540	0.057	108.6	2011-08-24
RG-2_H2-WA-005A	RG2	H2-WA-005A	1.342	5.01	0.001	0.031	0.001	30.9	2011-08-24
RG-4_H2-WA-007	RG-4	H2-WA-007	1.643	6.51	0.000	0.014	0.000	5.1	2011-08-24
RG-5_H2-WA-009	RG-5	H2-WA-009	1.375	6.51	0.001	0.389	0.001	43.9	2011-08-24
RG-6_H2-WA-011	RG-6	H2-WA-011	1.342	7.00	0.000	0.010	0.000	6.1	2011-08-24
RG-7_H5-WA-490	RG-7	H5-WA-490	0.915	3.17	0.014	0.130	0.015	146.5	2011-08-24
RG-8_H5-WA-480	RG-8	H5-WA-480	0.915	3.05	0.008	0.370	0.009	100.4	2011-08-24
RG-9_H5-WA-440	RG-9	H5-WA-440	0.977	2.08	0.007	2.340	0.007	95.3	2011-08-24
T10-MAD_A_H5-MA-764	T10-MAD_A	H5-MA-764	0.100	1.10	-0.095	8.246	-0.956	5.8	2011-08-24
T10-MAD-DUMMY	T10-MAD-DUMMY	T10-MAD	0.000	1.10	0.000	2.648		0.0	2011-08-24
T11-MAD_A_H5-MA-768	T11-MAD_A	H5-MA-768	0.079	1.19	-0.115	9.735	-1.462	8.4	2011-08-24
T11-MAD-DUMMY	T11-MAD-DUMMY	T11-MAD	0.000	1.19	0.000	1.888		0.0	2011-08-24
T15-MAD_A_H1-MA-044	T15-MAD_A	H1-MA-044	0.086	1.16	-0.031	7.702	-0.357	21.8	2011-08-24
T15-MAD-DUMMY	T15-MAD-DUMMY	T15-MAD	0.000	1.70	0.000	0.005		0.0	2011-08-24
T16-MAD_A_H1-MA-041	T16-MAD_A	H1-MA-041	0.079	1.15	-0.036	7.604	-0.459	18.8	2011-08-24
T16-MAD-DUMMY	T16-MAD-DUMMY	T16-MAD	0.000	1.44	0.000	0.005		0.0	2011-08-24
T1-7ST_A_H4-07-190	T1-7ST_A	H4-07-190	0.079	1.22	-0.088	7.631	-1.115	8.5	2011-08-24
T1-7ST-DUMMY	T1-7ST-DUMMY	T1-7ST	0.000	1.40	0.000	0.005		0.0	2011-08-24
T1-7ST-WEIR-DUMMY	T1-7ST	T1-7ST-WEIR-DUMMY	0.000	1.21	-0.088	1.354		21.3	2011-08-24
T1-GAR_A_H4-04-008	T1-GAR_A	H4-04-008	0.093	1.18	0.002	5.777	0.019	24.5	2011-08-24
T1-GAR-DUMMY	T1-GAR-DUMMY	T1-GAR	0.000	2.40	0.000	0.005		0.0	2011-08-24
T1-HAR_A_H4-HA-003	T1-HAR_A	H4-HA-003	0.079	1.29	-0.070	6.083	-0.891	61.1	2011-08-24
T1-HAR-DUMMY	T1-HAR-DUMMY	T1-HAR	0.000	1.40	0.000	0.005		0.0	2011-08-24
T1-NEW_A_H1-NE-003	T1-NEW_A	H1-NE-003	0.035	0.93	-0.131	6.973	-3.714	18.8	2011-08-24
T1-NEW-DUMMY	T1-NEW-DUMMY	T1-NEW	0.000	0.92	0.000	0.816		0.0	2011-08-24

T1-NEW-WEIR-DUMMY	T1-NEW	T1-NEW-WEIR-DUMMY	0.000	0.92	-0.129	1.375		32.3	2011-08-31
T2-2ST_A_MH-T2-2STB	T2-2ST_A	MH-T2-2STB	0.149	1.04	-0.079	10.768	-0.531	-4.2	2011-08-31
T2-2ST-DUMMY	T2-2ST-DUMMY	T2-2ST	0.000	1.10	0.000	0.005		0.0	2011-08-31
T2-2ST-WEIR-DUMMY	T2-2ST	T2-2ST-WEIR-DUMMY	0.000	1.04	-0.079	1.273		21.5	2011-08-31
T2-4ST_A_H1-CL-036	T2-4ST_A	H1-CL-036	0.152	1.17	-0.061	6.618	-0.402	55.8	2011-08-31
T2-5ST_A_H1-AD-042	T2-5ST_A	H1-AD-042	0.153	1.19	0.043	6.567	0.280	33.7	2011-08-31
T2-5ST-DUMMY	T2-5ST-DUMMY	T2-5ST	0.000	1.50	0.000	0.005		0.0	2011-08-31
T2-6ST_A_H1-JE-050	T2-6ST_A	H1-JE-050	0.186	1.16	-0.063	7.046	-0.340	31.5	2011-08-31
T2-6ST-DUMMY	T2-6ST-DUMMY	T2-6ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T2-7ST_A_H4-07-200	T2-7ST_A	H4-07-200	0.086	1.30	0.037	7.848	0.434	-8.9	2011-08-31
T2-7ST-DUMMY	T2-7ST-DUMMY	T2-7ST	0.000	1.80	0.000	0.005		0.0	2011-08-31
T2-BLM_A_H4-04-007	T2-BLM_A	H1-BL-037	0.079	1.59	0.008	2.493	0.098	52.8	2011-08-31
T2-BLM-DUMMY	T2-BLM-DUMMY	T2-BLM	0.000	3.50	0.000	0.005		0.0	2011-08-31
T2-JAC_A_H4-JA-006	T2-JAC_A	H4-JA-006	0.079	1.28	-0.065	6.124	-0.823	33.1	2011-08-31
T2-JAC-DUMMY	T2-JAC-DUMMY	T2-JAC	0.000	1.40	0.000	0.005		0.0	2011-08-31
T2-MON_A_H5-MO-794	T2-MON_A	H5-MO-794	0.086	1.28	-0.081	7.285	-0.936	48.1	2011-08-31
T2-MON-DUMMY	T2-MON-DUMMY	T2-MON	0.000	1.28	0.000	1.136		0.0	2011-08-31
T3-3ST_A_H1-03-170	T3-3ST_A	H1-03-170	0.079	1.06	-0.102	9.294	-1.290	10.5	2011-08-31
T3-3ST-DUMMY	T3-3ST-DUMMY	T3-3ST	0.000	1.06	0.000	0.411		0.0	2011-08-31
T3-3ST-WEIR-DUMMY	T3-3ST	T3-3ST-WEIR-DUMMY	0.000	1.06	-0.101	1.405		27.7	2011-08-31
T3-4ST_A_H1-AD-039	T3-4ST_A	H1-AD-039	0.122	1.18	-0.051	6.687	-0.417	32.5	2011-08-31
T3-4ST-DUMMY	T3-4ST-DUMMY	T3-4ST	0.000	1.32	0.000	0.005		0.0	2011-08-31
T3-6ST_A_H1-MA-048	T3-6ST_A	H1-MA-048	0.172	1.15	-0.048	7.850	-0.276	-2.1	2011-08-31
T3-6ST-DUMMY	T3-6ST-DUMMY	T3-6ST	0.000	1.40	0.000	0.005		0.0	2011-08-31
T3-ADM_A_H5-AD-714	T3-ADM_A	H5-AD-714	0.086	1.29	-0.059	6.517	-0.688	20.5	2011-08-31
T3-ADM-DUMMY	T3-ADM-DUMMY	T3-ADM	0.000	1.55	0.000	0.005		0.0	2011-08-31
T3-GND-DUMMY	T3-GND-DUMMY	T3-GND	0.000	1.83	0.000	0.005		0.0	2011-08-31
T3-JAC_A_H4-JA-004	T3-JAC_A	H4-JA-004	0.093	1.18	-0.120	8.552	-1.293	14.1	2011-08-31
T3-JAC-DUMMY	T3-JAC-DUMMY	T3-JAC	0.000	1.16	0.000	0.223		0.0	2011-08-31
T3-OBS_A_H1-OB-080A	T3-OBS_A	H1-OB-080A	0.109	1.01	-0.057	6.631	-0.526	179.2	2011-08-31
T3-OBS-DUMMY	T3-OBS-DUMMY	T3-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
T3-OBS-WEIR-DUMMY	T3-OBS	T3-BS-WEIR-DUMMY	0.000	1.01	-0.057	1.397		187.7	2011-08-31
T4-4ST_A_H1-MA-038	T4-4ST_A	H1-MA-038	0.130	1.03	-0.095	11.741	-0.731	-17.3	2011-08-31
T4-4ST-DUMMY	T4-4ST-DUMMY	T4-4ST	0.000	1.03	0.000	0.643		0.0	2011-08-31
T4-5ST_A_H1-MA-041	T4-5ST_A	H1-MA-041	0.145	1.12	-0.068	7.858	-0.469	19.6	2011-08-31
T4-5ST-DUMMY	T4-5ST-DUMMY	T4-5ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T4-6ST_A_H1-MO-057	T4-6ST_A	H1-MO-057	0.141	1.10	-0.099	11.811	-0.705	-46.6	2011-08-31
T4-6ST-DUMMY	T4-6ST-DUMMY	T4-6ST	0.000	1.13	0.000	0.005		0.0	2011-08-31
T4-GND_A_H4-GR-008	T4-GND_A	H4-GR-008	0.086	1.30	0.052	4.972	0.604	31.7	2011-08-31
T4-GND-DUMMY	T4-GND-DUMMY	T4-GND	0.000	1.72	0.000	0.005		0.0	2011-08-31
T5-5ST_A_H1-JA-046	T5-5ST_A	MH-T5-5STB	0.141	1.03	-0.079	10.032	-0.563	45.6	2011-08-31
T5-5ST-DUMMY	T5-5ST-DUMMY	T5-5ST	0.000	1.05	0.000	0.005		0.0	2011-08-31
T5-9ST_A_H4-GR-012	T5-9ST_A	H4-GR-012	0.149	1.31	0.036	7.213	0.242	6.8	2011-08-31
T5-9ST-DUMMY	T5-9ST-DUMMY	T5-9ST	0.000	1.83	0.000	0.005		0.0	2011-08-31
T5-GND_A_H1-GR-054	T5-GND_A	H1-GR-054	0.079	1.20	-0.078	8.081	-0.995	25.2	2011-08-31

T5-GND-DUMMY	T5-GND-DUMMY	T5-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T5-JAC_A_H1-JA-043	T5-JAC_A	H1-JA-043	0.100	0.99	-0.113	10.865	-1.139	39.2	2011-08-24
T5-JAC-DUMMY	T5-JAC-DUMMY	T5-JAC	0.000	0.99	0.000	1.591		0.0	2011-08-24
T5-JEF_A_H5-11-730	T5-JEF_A	H5-11-730	0.078	1.31	0.043	7.486	0.553	12.8	2011-08-24
T5-JEF-DUMMY	T5-JEF-DUMMY	T5-JEF	0.000	1.70	0.000	0.005		0.0	2011-08-24
T5-OBS-DUMMY	T5-OBS-DUMMY	T5-OBS	0.006	1.02	0.000	0.145	-0.001	0.0	2011-08-24
T5-OBS-WEIR-DUMMY	T5-OBS	T5-OBS-WEIR-DUMMY	0.000	1.02	-0.091	1.415		62.9	2011-08-24
T6-4ST_A_H1-HA-141	T6-4ST_A	H1-HA-141	0.035	1.03	-0.059	5.013	-1.679	56.5	2011-08-24
T6-4ST_DUMMY	T6-4ST-DUMMY	T6-4ST	0.000	1.10	0.000	0.005		0.0	2011-08-24
T6-5ST_A_H1-MO-047	T6-5ST_A	H1-MO-047	0.153	1.09	-0.096	11.977	-0.627	-31.2	2011-08-24
T6-5ST-DUMMY	T6-5ST-DUMMY	T6-5ST	0.000	1.14	0.000	0.005		0.0	2011-08-24
T6-ADM_A_H4-AD-010	T6-ADM_A	H4-AD-010	0.085	1.31	0.046	5.218	0.546	88.7	2011-08-24
T6-ADM-DUMMY	T6-ADM-DUMMY	T6-ADM	0.000	1.63	0.000	0.005		0.0	2011-08-24
T6-GND_A_H1-GR-045	T6-GND_A	H1-GR-046	0.101	1.21	0.043	6.465	0.430	41.9	2011-08-24
T6-GND-DUMMY	T6-GND-DUMMY	T6-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T6-JEF_A_H5-JE-742	T6-JEF_A	H5-JE-742	0.070	1.32	0.065	7.080	0.927	64.9	2011-08-24
T6-JEF-DUMMY	T6-JEF-DUMMY	T6-JEF	0.000	1.60	0.000	0.005		0.0	2011-08-24
T6-MON_A_H4-MO-001	T6-MON_A	H4-MO-001	0.093	1.22	-0.077	8.502	-0.828	45.4	2011-08-24
T6-MON-DUMMY	T6-MON-DUMMY	T6-MON	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW_A_MH-T6-NEW	T6-NEW_A	MH-T6-NEW	0.090	1.08	-0.027	5.783	-0.295	73.5	2011-08-24
T6-NEW-DUMMY	T6-NEW-DUMMY	T6-NEW	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW-WEIR-DUMMY	T6-NEW	T6-NEW-WEIR-DUMMY	0.000	1.08	-0.027	1.237		81.6	2011-08-24
T7-5ST_A_MH-T5-TSTB	T7-5ST_A	MH-T5-5STB	0.145	1.03	-0.085	10.032	-0.589	-46.3	2011-08-24
T7-5ST-DUMMY	T7-5ST-DUMMY	T7-5ST	0.000	1.05	0.000	0.005		0.0	2011-08-24
T7-JEF_A_H1-JE-031	T7-JEF_A	H1-JE-031	0.070	1.06	-0.099	8.459	-1.402	33.5	2011-08-24
T7-JEF-DUMMY	T7-JEF-DUMMY	T7-JEF	0.000	1.06	0.000	0.060		0.0	2011-08-24
T7-JEF-WEIR-DUMMY	T7-JEF	T7-JEF-WEIR-DUMMY	0.000	1.06	-0.099	1.388		48.2	2011-08-24
T7-MON_A_H1-MO-062	T7-MON_A	H1-MO-062	0.086	1.10	-0.079	9.189	-0.912	20.6	2011-08-24
T7-MON-DUMMY	T7-MON-DUMMY	T7-MON	0.000	1.22	0.000	0.005		0.0	2011-08-24
T7-OBS_MH-T7-OBS	T7-OBS_A	MH-T7-OBS	0.110	1.05	-0.064	6.520	-0.581	29.8	2011-08-24
T7-OBS-DUMMY	T7-OBS-DUMMY	T7-OBS	0.000	1.20	0.000	0.005		0.0	2011-08-24
T8-ADM=DUMMY	T8-ADM-DUMMY	T8-ADM	0.000	1.50	0.000	0.005		0.0	2011-08-24
T8-ADM_A_H1-AD-043	T8-ADM_A	H1-AD-043	0.091	1.20	0.044	6.635	0.480	112.1	2011-08-24
T8-JEF_A_H1-JE-023	T8-JEF_A	H1-JE-023	0.086	1.07	-0.072	6.575	-0.831	52.7	2011-08-24
T8-JEF-DUMMY	T8-JEF-DUMMY	T8-JEF	0.000	1.20	0.000	0.005		0.0	2011-08-24
T8-JEF-WEIR-DUMMY	T8-JEF	T8-JEF-WEIR-DUMMY	0.000	1.07	-0.071	1.417		60.9	2011-08-24
T8-MAD_A_H5-11-750	T8-MAD_A	H5-11-750	0.100	1.27	-0.068	7.195	-0.684	20.9	2011-08-24
T8-MAD-DUMMY	T8-MAD-DUMMY	T8-MAD	0.000	1.30	0.000	0.005		0.0	2011-08-24
T9-ADM_A_H1-AD-035	T9-ADM_A	H1-03-140	0.070	1.07	-0.093	9.458	-1.326	92.0	2011-08-24
T9-ADM-DUMMY	T9-ADM-DUMMY	T9-ADM	0.000	1.07	0.000	0.143		0.0	2011-08-24
T9-MAD_A_H5-11-750	T9-MAD_A	H5-11-750	0.088	1.26	-0.068	7.160	-0.772	23.6	2011-08-24
T9-MAD-DUMMY	T9-MAD-DUMMY	T9-MAD	0.000	1.30	0.000	0.005		0.0	2011-08-24
TD12-13ST_A_H5-CL-648	TD12-13ST_A	H5-CL-648	0.149	1.30	-0.045	7.502	-0.301	-10.1	2011-08-24
TD12-13ST-DUMMY	TD12-13ST-DUMMY	TD12-13ST	0.000	2.03	0.000	0.005		0.0	2011-08-24
TD14-CLA_A_H1-CL-036	TD14-CLA_A	H1-CL-036	0.035	1.16	-0.057	6.594	-1.619	24.6	2011-08-24
TD14-CLA-DUMMY	TD14-CLA-DUMMY	TD14-CLA	0.000	1.33	0.000	0.005		0.0	2011-08-24

TD1-4ST_A_H1-CL-036	TD1-4ST_A	H1-CL-036	0.145	1.17	-0.063	6.621	-0.433	10.8	2011-08-31
TD1-4ST-DUMMY	TD1-4ST-DUMMY	TD1-4ST	0.000	1.23	0.000	0.005		0.0	2011-08-31
TD1-WIL_A_H3-WI-022	TD1-WIL_A	H3-WI-022	0.079	1.20	0.056	6.043	0.712	27.9	2011-08-31
TD1-WIL-DUMMY	TD1-WIL-DUMMY	TD1-WIL	0.000	1.54	0.000	0.005		0.0	2011-08-31
TD23-CLA_A_H3-CL-007	TD23-CLA_A	H3-CL-007	0.050	1.25	0.059	5.813	1.190	38.9	2011-08-31
TD23-CLA-DUMMY	TD23-CLA-DUMMY	TD23-CLA	0.000	1.60	0.000	0.005		0.0	2011-08-31
TD25-WIL_A_H7-WI-009	TD6-WIL_A	H3-WI-015	0.079	1.22	0.051	5.866	0.646	28.2	2011-08-31
TD25-WIL_A_H7-WI-010	TD25-WIL_A	H7-WI-010	0.086	1.35	0.072	5.574	0.832	76.0	2011-08-31
TD25-WIL-DUMMY	TD25-WIL-DUMMY	TD25-WIL	0.000	1.60	0.000	0.005		0.0	2011-08-31
TD30-CLA_A_H4-CL-020	TD30-CLA_A	H4-CL-020	0.103	1.36	0.041	4.791	0.400	29.1	2011-08-31
TD30-CLA-DUMMY	TD30-CLA-DUMMY	TD30-CLA	0.000	1.85	0.000	0.005		0.0	2011-08-31
TD31-CLA_A_H5-CL-662	TD31-CLA_A	H5-CL-662	0.086	1.36	0.005	2.981	0.057	23.8	2011-08-31
TD31-CLA-DUMMY	TD31-CLA-DUMMY	TD31-CLA	0.000	2.89	0.000	0.005		0.0	2011-08-31
TD4-OBS_A_H1-OB-071	TD4-OBS_A	H1-OB-071	0.110	0.94	-0.054	8.891	-0.494	-1.5	2011-08-31
TD4-OBS-DUMMY	TD4-OBS-DUMMY	TD4-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
TD4-OBS-WEIR-DUMMY	TD4-OBS	TD4-OBS-WEIR-DUMMY	0.000	0.94	-0.050	1.200		18.3	2011-08-31
TD6-WIL-DUMMY	TD6-WIL-DUMMY	TD6-WIL	0.000	1.53	0.000	0.005		0.0	2011-08-31
TD8-GAR_A_H1-GA-012	TD8-GAR_A	H1-GA-012	0.086	0.90	0.043	6.872	0.495	52.6	2011-08-31
TD8-GAR-DUMMY	TD8-GAR-DUMMY	TD8-GAR	0.000	1.20	0.000	0.005		0.0	2011-08-31
TD8-GAR-WEIR-DUMMY	TD8-GAR	TD8-GAR-WEIR-DUMMY	0.000	0.90	0.043	1.334		63.1	2011-08-31

MIKE URBAN Hydraulic Results

Proposed DSD Alternatives: 25-Year Rainfall Event at High Tide

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File Overview

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Sewer network data (UND) :	2D_Prop_HT_25yrProposedAlt.MEX	7/9/2016 3:13:24 PM
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Hotstart file (PRF) :	-	-
Result File (PRF) :	2D_Prop_HT_25yrProposedAlt.PRF	7/9/2016 3:13:38 PM
Reduced result file (PRF) :	-	-

Time Overview

Simulation start date :	2011-08-27 09:00:00	Calculation started :	2016-07-09 15:13:38
Simulation end date :	2011-08-28 09:00:00	Calculation ended :	2016-07-10 05:10:00
Save time step [hh:mm:ss] :	0:10:00	Calculation time [hh:mm:ss] :	13:56:22
Maximum time step [sec] :	0.75	Hotstart start date :	-
Minimum time step [sec] :	0.75		

Input Summary

Number of Manholes:	845
Number of Basins:	96
Number of Outlets:	10
Number of Storage Nodes:	0
Number of Circular Pipes:	568
Number of Rectangular pipes:	325
Number of CRS defined pipes:	3
Number of Pumps:	8
Number of Controlled Pumps:	0
Number of Weirs/Orifices:	97
Number of Controlled Weirs/Gates:	0
Number of Valves:	0
Number of Controlled Valves:	0

Nodes

Min Invert Level	WWTP	-100.00 m
Max Invert Level	14VO-02-001D	45.05 m
Min Ground Level	H1-WW	0.00 m
Max Ground Level	14VO-02-001D	45.78 m
Min X Coordinate	Node_45	5.8064E05 m
Max X Coordinate	Node_79	5.8258E05 m
Min Y Coordinate	Node_62	4.5097E06 m
Max Y Coordinate	H7-GR-001	4.5124E06 m
Total Manhole Volume		4950.3 m3
Total Basin Volume		842947.9 m3

Links

Total Circular Volume	71116.2 m3
Total CRS Volume	88166.1 m3
Total Length	77685.00 m

Simulation Result Summary

Continuity Balance

1 : Start volume in Pipes, Manholes and Structures	882445.2 m3
2 : End volume in Pipes, Manholes and Structures	1006107.4 m3
3 : Total inflow volume	
Specified inflows	
Runoff :	420966.2 m3
DWF :	2053.4 m3
Non-specified inflows	
Outlets (inflow) :	39.0 m3
Inflow from 2D overland :	28858.3 m3
	451916.9 m3 --> 451916.9 m3
4 : Total diverted volume	
Operational, non-specified outflows	
Outlets :	156525.1 m3
Pumps :	159018.5 m3
Flow to 2D overland :	31055.3 m3
	346598.9 m3 --> 346598.9 m3
5 : Water generated in empty parts of the system :	840.3 m3
6 : Continuity Balance = (2-1) - (3-4+5) :	17503.9 m3
Continuity Balance max value :	17503.9 m3
Continuity Balance min value :	0.0 m3

2D overland**Inflows from 2D overland**

Manholes/basins:	28858.3 m3
Outlets:	0.0 m3
Total:	28858.3 m3

Outflows to 2D overland

Manholes/basins:	31055.3 m3
Pumps:	0.0 m3
Weirs:	0.0 m3
Outlets:	0.0 m3
Diverted Runoff:	11933.5 m3
Total:	42988.8 m3

Boundary Connections

Outlet levels

Boundary Condition ID	Location	Temporal variation	Value/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
							m	m
BC_38	HWF-14-001A	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_39	5	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_40	Node_40	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_41	Node_39	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_42	Node_10	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_43	Outfall8	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_44	Outfall6	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_45	Outfall3	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_46	HWF-OB-001	Constant	0.95	Unlimited	-	-	0.95	0.95

Network loads (discharges)

Boundary Condition ID	Type	Load Type	Connection Type	Location	Temporal variation	Value/pattern/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
										m3/s	
Block12_Basin 2	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin1	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin3	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
CityHall	Discharge	Storm Runoff	Individual	H1-BL-016	Time Series	CityHall_Outflow.dfs0	Unlimited	-	-	0.000	0.000
HWF-10	Discharge	DWF	Individual	H2-01-002	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-11	Discharge	DWF	Individual	H3-RI-001	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-12	Discharge	DWF	Individual	H2-HP-001A	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-13	Discharge	DWF	Individual	H2-HP-001A	Constant	0.003	Unlimited	-	-	0.003	0.003
HWF-5	Discharge	DWF	Individual	H5-HU-015	Constant	0.009	Unlimited	-	-	0.009	0.009
HWF-6	Discharge	DWF	Individual	H5-HU-020	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-7	Discharge	DWF	Individual	H3-RI-006	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-8	Discharge	DWF	Individual	H3-RI-003	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-9	Discharge	DWF	Individual	H2-RI-004	Constant	0.001	Unlimited	-	-	0.001	0.001
Total :											

Network loads (discharges), summary by Load type

Load Type	Accumulated Value
	m3
Storm Runoff	384.1
DWF	2053.4
Total :	2437.5

Network loads (discharges), summary by Temporal variation

Temporal variation	Accumulated Value
	m3
Constant	2053.4
Time Series	384.1
Total :	2437.5

Weir/Orifice-Gate/Valve Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum
	[m3/s]	[m3/s]	[m3]		
H1.4	0.000	4.444	129660.7	2011-08-27 09:00:00	2011-08-27 21:00:00
H2.4	0.000	0.952	13200.6	2011-08-27 09:00:00	2011-08-27 22:00:00
H3.4	-0.540	0.523	-7393.6	2011-08-28 08:30:00	2011-08-27 22:00:00
H4.4	-0.222	1.673	36554.4	2011-08-27 20:30:00	2011-08-27 22:00:00
H5.4	-0.004	1.498	33979.2	2011-08-27 15:20:00	2011-08-27 22:00:00
H5_WW_Weir	0.000	1.509	29412.9	2011-08-27 09:00:00	2011-08-27 22:00:00
H6.4	-0.031	0.728	9786.1	2011-08-27 14:00:00	2011-08-27 22:00:00
H7.4	-0.133	0.000	-6380.7	2011-08-27 22:00:00	2011-08-27 09:00:00
HS1.3	0.000	0.282	2743.6	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_100	-0.090	0.034	-44.8	2011-08-27 20:20:00	2011-08-28 05:50:00
Weir_101	-0.084	0.044	75.3	2011-08-27 20:20:00	2011-08-28 05:50:00
Weir_103	-0.132	0.048	31.2	2011-08-27 20:40:00	2011-08-27 23:30:00
Weir_107	-0.043	0.048	61.7	2011-08-27 20:40:00	2011-08-27 22:20:00
Weir_110	-0.095	0.030	41.9	2011-08-27 20:40:00	2011-08-28 01:50:00
Weir_111	-0.098	0.046	24.0	2011-08-27 20:40:00	2011-08-27 23:20:00
Weir_113	-0.078	0.049	50.5	2011-08-27 20:40:00	2011-08-27 22:20:00
Weir_116	-0.034	0.067	49.4	2011-08-27 20:40:00	2011-08-27 22:20:00
Weir_118	-0.018	0.067	45.2	2011-08-27 21:40:00	2011-08-27 22:20:00
Weir_119	-0.073	0.054	22.3	2011-08-27 20:40:00	2011-08-27 22:20:00
Weir_120	-0.127	0.042	21.9	2011-08-27 20:40:00	2011-08-28 01:40:00
Weir_121	-0.100	0.041	-143.9	2011-08-27 20:40:00	2011-08-28 01:40:00
Weir_123	-0.102	0.053	62.7	2011-08-27 20:50:00	2011-08-27 22:30:00
Weir_125	-0.081	0.051	31.4	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_129	-0.050	0.006	3.8	2011-08-27 20:40:00	2011-08-27 20:50:00
Weir_69	-0.074	0.025	45.6	2011-08-27 20:40:00	2011-08-28 01:40:00
Weir_70	-0.038	0.029	102.2	2011-08-27 20:40:00	2011-08-27 22:20:00
Weir_73	-0.106	0.034	75.6	2011-08-27 20:40:00	2011-08-28 02:00:00
Weir_75	-0.061	0.037	13.1	2011-08-27 20:30:00	2011-08-27 22:30:00
Weir_76	-0.049	0.053	76.1	2011-08-27 20:40:00	2011-08-27 22:20:00
Weir_77	-0.144	0.067	34.9	2011-08-27 20:30:00	2011-08-28 08:10:00
Weir_81	-0.117	0.036	26.5	2011-08-27 20:40:00	2011-08-28 01:50:00
Weir_82	-0.109	0.040	134.7	2011-08-27 20:40:00	2011-08-28 01:50:00
Weir_83	-0.074	0.040	56.6	2011-08-27 20:30:00	2011-08-28 05:50:00
Weir_84	-0.121	0.087	68.3	2011-08-27 20:40:00	2011-08-28 08:20:00
Weir_85	-0.118	0.037	-1.4	2011-08-27 20:30:00	2011-08-28 02:10:00
Weir_87	-0.080	0.040	77.3	2011-08-27 20:40:00	2011-08-27 22:30:00

Weir_88	-0.076	0.041	39.8	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_89	-0.083	0.041	18.8	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_91	0.000	0.009	51.2	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_94	-0.059	0.041	50.1	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_99	-0.095	0.030	-15.2	2011-08-27 20:30:00	2011-08-28 01:50:00
Weir_B10	-0.516	0.525	-4474.0	2011-08-27 20:30:00	2011-08-28 09:00:00
Weir_BASF	0.000	0.575	13447.1	2011-08-27 09:00:00	2011-08-28 00:00:00
Weir_CLA-PS	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
Weir_HHA	0.000	0.321	2680.1	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_T15-MAD	-0.071	0.026	42.6	2011-08-27 20:30:00	2011-08-27 22:20:00
Weir_T16-MAD	-0.055	0.029	35.1	2011-08-27 20:30:00	2011-08-27 22:20:00
Weir_T1-HAR	-0.085	0.058	89.6	2011-08-27 20:40:00	2011-08-27 22:20:00
Weir_T2-2ST	-0.094	0.033	13.0	2011-08-27 20:30:00	2011-08-28 04:30:00
Weir_T2-6ST	-0.083	0.035	47.1	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_T2-7ST	-0.098	0.053	5.8	2011-08-27 20:40:00	2011-08-27 22:20:00
Weir_T2-BLM	0.000	0.010	79.3	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_T3-4ST	-0.068	0.037	48.4	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_T3-6ST	-0.065	0.035	6.1	2011-08-27 20:40:00	2011-08-27 22:20:00
Weir_T3-ADM	-0.053	0.036	38.1	2011-08-27 20:50:00	2011-08-27 23:20:00
Weir_T3-GND	-0.210	0.040	-29.6	2011-08-27 20:40:00	2011-08-27 22:10:00
Weir_T3-OBS	-0.073	0.043	240.1	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_T4-5ST	-0.085	0.030	35.1	2011-08-27 20:30:00	2011-08-28 01:30:00
Weir_T4-6ST	-0.113	0.028	-37.6	2011-08-27 20:30:00	2011-08-28 01:50:00
Weir_T5-GND	-0.069	0.053	45.7	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_T5-JEF	-0.044	0.052	32.3	2011-08-27 20:20:00	2011-08-27 22:20:00
Weir_T6-ADM	-0.045	0.060	127.0	2011-08-27 20:40:00	2011-08-27 22:20:00
Weir_T6-JEF	-0.069	0.071	101.1	2011-08-27 20:50:00	2011-08-27 22:20:00
Weir_T6-MON	-0.087	0.048	79.3	2011-08-27 20:40:00	2011-08-27 23:20:00
Weir_T7-JEF	-0.115	0.038	55.0	2011-08-27 20:40:00	2011-08-28 01:50:00
Weir_T8-ADM	-0.053	0.044	153.5	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_T8-JEF	-0.087	0.030	75.3	2011-08-27 20:40:00	2011-08-28 01:40:00
Weir_T9-MAD	-0.082	0.050	38.8	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_TD1-WIL	-0.063	0.063	42.9	2011-08-27 20:40:00	2011-08-27 22:30:00
Weir_TD23-CLA	-0.057	0.072	56.5	2011-08-27 20:40:00	2011-08-27 22:20:00
Weir_TD25-WIL	-0.046	0.083	104.2	2011-08-27 20:20:00	2011-08-27 22:30:00
Weir_TD31-CLA	0.000	0.006	42.0	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_TD6-WIL	-0.053	0.059	42.7	2011-08-27 20:40:00	2011-08-27 22:30:00
H1.1	-0.374	0.047	-10800.3	2011-08-27 20:40:00	2011-08-27 17:50:00
H1-WW.1	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
H2.1	0.000	0.090	2368.6	2011-08-27 09:00:00	2011-08-27 20:10:00
H2-WW.2	-0.007	0.090	2136.1	2011-08-27 15:00:00	2011-08-27 20:10:00
H3.1	-0.032	0.129	6545.6	2011-08-27 16:40:00	2011-08-28 01:20:00
H3-WW.2	0.000	0.180	8048.2	2011-08-27 09:00:00	2011-08-27 20:10:00
H4.1	0.000	0.111	5674.4	2011-08-27 09:00:00	2011-08-27 20:10:00
H4-WW.1	0.000	0.111	5433.2	2011-08-27 09:00:00	2011-08-27 20:10:00
H5.1	-0.015	0.154	3543.1	2011-08-27 22:00:00	2011-08-27 10:30:00

H5-WW.1	-0.012	0.118	2486.4	2011-08-27 22:00:00	2011-08-27 10:30:00
H6.1	-0.011	0.023	478.7	2011-08-27 13:30:00	2011-08-27 22:00:00
H6-WW.2	-0.014	0.023	563.2	2011-08-27 13:30:00	2011-08-27 22:00:00
H7.1	-0.019	0.120	6154.4	2011-08-27 13:00:00	2011-08-28 01:40:00
H7-WW.2	-0.002	0.031	1630.8	2011-08-27 13:50:00	2011-08-27 20:50:00
Orifice_13	0.000	0.902	10823.2	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_3	0.000	5.921	76234.8	2011-08-27 09:00:00	2011-08-27 23:10:00
Orifice_5	0.000	0.603	13538.3	2011-08-27 09:00:00	2011-08-27 22:30:00
Orifice_7	0.000	0.172	2044.5	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_8	-0.019	1.694	16654.5	2011-08-28 01:50:00	2011-08-27 22:00:00
Orifice_9	0.000	0.269	3467.9	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_B10	-0.052	0.000	-207.3	2011-08-27 20:20:00	2011-08-28 09:00:00
Orifice_BASF	0.000	0.117	2375.2	2011-08-27 09:00:00	2011-08-28 06:30:00
Orifice_HHA	0.000	0.102	3864.6	2011-08-27 09:00:00	2011-08-28 00:20:00
outfall5-tg	0.000	2.286	18076.1	2011-08-27 09:00:00	2011-08-27 22:00:00

Pumps - Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum	Pump starts	Dry stops (1)	Speed	Operation total	Operation above dH or H range of RPMmax curve
	[m3/s]	[m3/s]	[m3]			[Count]	[Count]		[Hr:Min:Sec]	[Hr:Min:Sec]
11PS.3	0.000	0.173	14525.7	2011-08-27 09:00:00	2011-08-27 22:00:00	16	0	Constant	23:19:11	-
5PS.3	0.000	0.440	26386.8	2011-08-27 09:00:00	2011-08-27 19:00:00	1	0	Variable	17:59:46	-
5PS.4	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Variable	0:00:00	-
CLA-PS.1	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Constant	0:00:00	-
H1-WW.3	0.000	2.650	129601.9	2011-08-27 09:00:00	2011-08-27 19:50:00	89	0	Constant	13:49:03	-
H5PS	0.000	2.879	29416.6	2011-08-27 09:00:00	2011-08-27 21:10:00	505	125	Constant	4:38:21	-
Pump_BASF	0.000	0.566	15822.2	2011-08-27 09:00:00	2011-08-28 00:00:00	177	14	Constant	8:15:18	-
Pump_HHA	0.000	0.316	6548.8	2011-08-27 09:00:00	2011-08-27 19:30:00	418	16	Constant	6:55:23	-

(1) : Pump stops due to dry pump well.

Warning: Dry stops occurred during the simulation. Insufficient volume below the stop level to let the pump decelerate normally.

Recommended: Check pump well volume, pump curve, acceleration-/deceleration time, start/stop conditions and other input data.

Links - Result summary

LinkID	From Node	To Node	Qf	Hmax	Qmax	Hmax/D	Qmax/Qf	Flow - Accumulated	Ti
			[m3/s]	[m]	[m3/s]			[m3]	
14VO-02-001D_14VO-MA-001B	14VO-02-001D	14VO-MA-001B	0.282	46.09	0.152	3.041	0.538	2134.7	2011-08-27 10:30:00
14VO-14-001_14VO-14-002	14VO-14-001	14VO-14-002	0.164	25.56	0.025	1.456	0.153	248.1	2011-08-27 13:30:00
14VO-14-001_14VO-14-005	14VO-14-001	14VO-14-005	0.228	25.49	0.041	1.752	0.181	398.4	2011-08-27 13:30:00
14VO-14-001C_14VO-14-001	14VO-14-001C	14VO-14-001	0.246	29.21	0.066	0.576	0.270	647.3	2011-08-27 13:00:00
14VO-14-002_14VO-14-006	14VO-14-002	14VO-14-006	0.226	25.31	0.198	5.275	0.876	2810.6	2011-08-27 13:50:00
14VO-14-005_14VO-14-007	14VO-14-005	14VO-14-007	0.061	1.51	0.062	1.434	1.022	648.8	2011-08-27 20:50:00
14VO-14-006_14VO-14-007	14VO-14-006	14VO-14-007	0.078	2.38	0.209	3.739	2.678	2952.5	2011-08-28 01:40:00

14VO-14-007_HWF-14-001A	Node_79	HWF-14-001A	0.659	0.98	0.269	2.984	0.408	3467.9	2011-08-21
14VO-MA-001_14VO-14-002	14VO-MA-001	14VO-14-002	0.180	41.52	0.136	1.456	0.757	2124.8	2011-08-21
14VO-MA-001B_14VO-MA-001	14VO-MA-001B	14VO-MA-001	0.123	45.72	0.136	3.708	1.108	2129.5	2011-08-21
B10-MH_H1-OB-122A	B10-MH	H1-OB-122A	0.867	0.92	-0.529	3.393	-0.610	-4688.7	2011-08-21
B10-STOR-A_B10-MH	B10-STOR-A	B10-MH	0.718	0.79	-0.529	2.805	-0.737	-4683.8	2011-08-21
BASF-FM	BASF-FM	BASF-OF	0.000	5.74	0.566	9.422		15693.2	2011-08-21
Dummy_H5Weir	Node_89	Dummy_H5Weir	0.000	3.00	0.000	0.005		0.0	2011-08-21
DUMMY-B10	DUMMY-B10	B10-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-21
DUMMY-BASF	DUMMY-BASF	BASF-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-21
DUMMY-BASF-2	DUMMY-BASF-2	BASF-WW	0.000	1.63	0.000	0.005		0.0	2011-08-21
DUMMY-CLA-PS	CLA-PS-DUMMY	CLA-PS	0.000	-1.21	0.000	0.002		0.0	2011-08-21
DUMMY-HHA	DUMMY-HHA	HHA-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-21
DUMMY-HHA-2	DUMMY-HHA-2	HHA-WW	0.000	1.63	0.000	0.005		0.0	2011-08-21
DUMMY-T10-MAD	T10-MAD	T10-MAD-WEIR-DUMMY	0.000	1.20	-0.100	1.846		-134.9	2011-08-21
DUMMY-T11-MAD	T11-MAD	T11-MAD-WEIR-DUMMY	0.000	1.28	-0.127	1.520		39.0	2011-08-21
DUMMY-T15-MAD	T15-MAD	T15-MAD-WEIR-DUMMY	0.000	1.23	-0.038	1.105		60.7	2011-08-21
DUMMY-T16-MAD	T16-MAD	T16-MAD-WEIR-DUMMY	0.000	1.22	-0.054	1.279		48.8	2011-08-21
DUMMY-T1-GAR	T1-GAR	T1-GAR-WEIR-DUMMY	0.000	1.46	0.009	0.923		70.0	2011-08-21
DUMMY-T1-HAR	T1-HAR	T1-HAR-WEIR-DUMMY	0.000	1.40	-0.085	1.570		95.2	2011-08-21
DUMMY-T2-4ST	T2-4ST	T2-4ST-WEIR-DUMMY	0.000	1.27	-0.080	1.564		82.9	2011-08-21
DUMMY-T2-5ST	T2-5ST	T2-5ST-WEIR-DUMMY	0.000	1.29	-0.059	1.391		57.9	2011-08-21
DUMMY-T2-6ST	T2-6ST	T2-6ST-WEIR-DUMMY	0.000	1.23	-0.083	1.416		54.2	2011-08-21
DUMMY-T2-7ST	T2-7ST	T2-7ST-WEIR-DUMMY	0.000	1.40	-0.056	1.138		24.1	2011-08-21
DUMMY-T2-BLM	T2-BLM	T2-BLM-WEIR-DUMMY	0.000	2.58	0.010	0.858		94.7	2011-08-21
DUMMY-T2-JAC	T2-JAC	T2-JAC-WEIR-DUMMY	0.000	1.38	-0.078	1.573		56.4	2011-08-21
DUMMY-T2-MON	T2-MON	T2-MON-WEIR-DUMMY	0.000	1.37	-0.102	1.642		71.4	2011-08-21
DUMMY-T3-4ST	T3-4ST	T3-4ST-WEIR-DUMMY	0.000	1.27	-0.068	1.441		55.6	2011-08-21
DUMMY-T3-6ST	T3-6ST	T3-6ST-WEIR-DUMMY	0.000	1.23	-0.065	1.328		17.3	2011-08-21
DUMMY-T3-ADM	T3-ADM	T3-ADM-WEIR-DUMMY	0.000	1.38	-0.053	1.325		47.3	2011-08-21
DUMMY-T3-GND	T3-GND	T3-GND-WEIR-DUMMY	0.000	1.42	-0.113	1.100		-16.0	2011-08-21
DUMMY-T3-JAC	T3-JAC	T3-JAC-WEIR-DUMMY	0.000	1.25	-0.132	1.428		45.0	2011-08-21
DUMMY-T4-4ST	T4-4ST	T4-4ST-WEIR-DUMMY	0.000	1.12	-0.117	1.336		25.6	2011-08-21
DUMMY-T4-5ST	T4-5ST	T4-5ST-WEIR-DUMMY	0.000	1.18	-0.085	1.366		46.4	2011-08-21
DUMMY-T4-6ST	T4-6ST	T4-6ST-WEIR-DUMMY	0.000	1.16	-0.112	1.275		-7.0	2011-08-21
DUMMY-T4-GND	T4-GND	T4-GND-WEIR-DUMMY	0.000	1.40	0.067	1.281		55.1	2011-08-21
DUMMY-T5-5ST	T5-5ST	T5-5ST-WEIR-DUMMY	0.000	1.12	-0.077	1.306		96.0	2011-08-21
DUMMY-T5-9ST	T5-9ST	T5-9ST-WEIR-DUMMY	0.000	1.42	0.053	1.165		35.9	2011-08-21
DUMMY-T5-GND	T5-GND	T5-GND-WEIR-DUMMY	0.000	1.31	-0.069	1.273		61.9	2011-08-21
DUMMY-T5-JAC	T5-JAC	T5-JAC-WEIR-DUMMY	0.000	1.10	-0.122	1.460		89.5	2011-08-21
DUMMY-T5-JEF	T5-JEF	T5-JEF-WEIR-DUMMY	0.000	1.40	0.052	1.174		47.7	2011-08-21
DUMMY-T6-4ST	T6-4ST	T6-4ST-WEIR-DUMMY	0.000	1.11	-0.073	1.461		63.7	2011-08-21
DUMMY-T6-5ST	T6-5ST	T6-5ST-WEIR-DUMMY	0.000	1.16	-0.093	1.218		18.0	2011-08-21
DUMMY-T6-ADM	T6-ADM	T6-ADM-WEIR-DUMMY	0.000	1.42	0.060	1.345		132.5	2011-08-21
DUMMY-T6-GND	T6-GND	T6-GND-WEIR-DUMMY	0.000	1.32	0.048	1.310		70.8	2011-08-21
DUMMY-T6-JEF	T6-JEF	T6-JEF-WEIR-DUMMY	0.000	1.43	0.071	1.330		112.6	2011-08-21
DUMMY-T6-MON	T6-MON	T6-MON-WEIR-DUMMY	0.000	1.32	-0.086	1.324		95.0	2011-08-21

DUMMY-T7-5ST	T7-5ST	T7-5ST-WEIR-DUMMY	0.000	1.12	-0.081	1.302		-24.3	2011-08-21
DUMMY-T7-MON	T7-MON	T7-MON-WEIR-DUMMY	0.000	1.17	-0.095	1.315		60.5	2011-08-21
DUMMY-T8-ADM	T8-ADM	T8-ADM-WEIR-DUMMY	0.000	1.30	-0.053	1.352		162.9	2011-08-21
DUMMY-T8-MAD	T8-MAD	T8-MAD-WEIR-DUMMY	0.000	1.36	-0.081	1.607		40.0	2011-08-21
DUMMY-T9-ADM	T9-ADM	T9-ADM-WEIR-DUMMY	0.000	1.16	-0.108	1.373		153.0	2011-08-21
DUMMY-T9-MAD	T9-MAD	T9-MAD-WEIR-DUMMY	0.000	1.34	-0.082	1.446		49.0	2011-08-21
DUMMY-TD12-13ST	TD12-13ST	Node_378	0.000	1.39	-0.027	1.030		22.3	2011-08-21
DUMMY-TD14-CLA	TD14-CLA	TD14-CLA-WEIR-DUMMY	0.000	1.25	-0.075	1.371		48.8	2011-08-21
DUMMY-TD1-4ST	TD1-4ST	TD1-4ST-WEIR-DUMMY	0.000	1.27	-0.083	1.599		24.7	2011-08-21
DUMMY-TD1-WIL	TD1-WIL	TD1-WIL-WEIR-DUMMY	0.000	1.32	0.063	1.396		50.7	2011-08-21
DUMMY-TD23-CLA	TD23-CLA	TD23-CLA-WEIR-DUMMY	0.000	1.39	0.072	1.376		64.0	2011-08-21
DUMMY-TD25-WIL	TD25-WIL	TD25-WIL-WEIR-DUMMY	0.000	1.47	0.083	1.444		109.9	2011-08-21
DUMMY-TD30-CLA	TD30-CLA	TD30-CLA-WEIR-DUMMY	0.000	1.51	0.067	1.244		50.8	2011-08-21
DUMMY-TD31-CLA	TD31-CLA	TD31-CLA-WEIR-DUMMY	0.000	1.97	0.006	0.871		53.4	2011-08-21
DUMMY-TD6-WIL	TD6-WIL	TD6-WIL-WEIR-DUMMY	0.000	1.34	0.059	1.358		50.1	2011-08-21
H1 REGULATOR_H2-INT-001A	H1-IC	H2-INT-001A	1.155	0.96	-0.374	2.623	-0.324	-10815.3	2011-08-21
H1_Outfall	H1-OB-008	H1	0.000	0.57	4.096	1.708		118899.7	2011-08-21
H1-01-005_H1-01-021	H1-01-005	H1-01-021	0.000	1.20	0.011	2.416		125.9	2011-08-21
H1-01-006_H1-01-006A	H1-01-006	H1-01-006A	1.471	1.30	0.088	2.163	0.060	1083.2	2011-08-21
H1-01-006A_H1-01-010	H1-01-006A	H1-01-010	0.366	1.27	0.327	2.143	0.893	4814.3	2011-08-21
H1-01-007_H1-01-006	H1-01-007	H1-01-006	2.782	1.30	0.010	2.416	0.004	128.0	2011-08-21
H1-01-010_H1-WI-019	H1-01-010	H1-WI-019	3.185	1.21	0.769	2.303	0.241	21416.4	2011-08-21
H1-01-021_H1-GA-018	H1-01-021	H1-GA-018	1.018	1.18	0.629	2.487	0.618	17912.1	2011-08-21
H1-01-029_H1-01-010	H1-01-029	H1-01-010	0.588	1.25	0.337	2.517	0.574	7132.5	2011-08-21
H1-01-033_H1-01-029	H1-01-033	H1-01-029	1.529	1.25	0.306	2.603	0.200	6778.1	2011-08-21
H1-01-033_H1-NE-011	H1-01-033	H1-NE-011	0.411	1.24	0.324	3.639	0.788	9497.8	2011-08-21
H1-01-034_H1-01-033	H1-01-034	H1-01-033	3.906	1.24	-0.276	2.780	-0.071	5665.9	2011-08-21
H1-01-075_H1-01-034	H1-01-075	H1-01-034	1.640	1.24	-0.276	2.689	-0.168	5722.3	2011-08-21
H1-01-075_H1-NE-014A	H1-01-075	H1-NE-014A	0.078	1.22	0.176	2.703	2.267	4705.6	2011-08-21
H1-01-077_H1-01-075	H1-01-077	H1-01-075	2.019	1.23	-0.282	2.610	-0.139	7942.8	2011-08-21
H1-01-080_H1-01-077	H1-01-080	H1-01-077	1.312	1.22	-0.282	3.201	-0.215	7981.8	2011-08-21
H1-01-080_H1-NE-020	H1-01-080	H1-NE-020	0.601	1.20	0.681	2.392	1.132	21643.5	2011-08-21
H1-01-081_H1-01-080	H1-01-081	H1-01-080	0.359	1.20	0.453	3.185	1.262	15425.6	2011-08-21
H1-01-085_H1-01-081	H1-01-085	H1-01-081	1.878	1.20	0.453	2.717	0.241	15475.5	2011-08-21
H1-01-085_H1-MA-010	H1-01-085	H1-MA-010	0.686	1.20	0.227	2.935	0.332	4949.3	2011-08-21
H1-01-089_H1-01-085	H1-01-089	H1-01-085	1.577	1.19	0.579	2.694	0.367	16372.9	2011-08-21
H1-01-089_H1-OB-116	H1-01-089	H1-OB-116	0.947	1.18	0.268	3.143	0.283	3126.8	2011-08-21
H1-01-100_H1-01-089	H1-01-100	H1-01-089	0.000	1.18	0.679	2.686		18254.2	2011-08-21
H1-01-100_H1-JA-022	H1-01-100	H1-JA-022	0.837	1.16	0.325	2.883	0.388	5980.2	2011-08-21
H1-01-104_H1-01-100	H1-01-104	H1-01-100	1.623	1.17	0.822	2.815	0.506	17809.5	2011-08-21
H1-01-110_H1-01-104	H1-01-110	H1-01-104	2.796	1.17	0.823	2.868	0.294	15867.6	2011-08-21
H1-01-115_H1-01-110	H1-01-115	H1-01-110	1.170	1.19	0.610	3.074	0.521	12068.1	2011-08-21
H1-01-116_H1-01-115	H1-01-116	H1-01-115	1.356	1.21	0.549	2.733	0.405	14414.8	2011-08-21
H1-01-117_H1-01-116	H1-01-117	H1-01-116	0.451	1.25	-0.091	3.607	-0.203	-1458.0	2011-08-21
H1-01-118_H1-01-117	H1-01-118	H1-01-116	0.046	1.53	0.036	7.149	0.781	451.8	2011-08-21
H1-02-038A_H1-WI-022	H1-02-038A	H1-WI-022	0.563	1.30	0.399	3.445	0.709	8748.0	2011-08-21

H1-03-001_H3-03-006	H1-03-001	H3-03-006	1.879	1.30	0.494	2.028	0.263	1761.9	2011-08-24
H1-03-003A_H1-03-001	H1-03-003A	H1-03-001	4.038	1.32	0.470	2.671	0.116	1429.2	2011-08-24
H1-03-060_H3-03-022	H1-03-060	H3-03-022	1.787	1.31	0.454	2.289	0.254	5906.1	2011-08-24
H1-03-090_H1-03-060	H1-03-090	H1-03-060	1.237	1.29	-0.329	2.792	-0.266	2761.2	2011-08-24
H1-03-090_H1-GR-022	H1-03-090	H1-GR-022	1.381	1.28	0.250	3.992	0.181	8058.9	2011-08-24
H1-03-140_H1-03-090	H1-03-140	H1-03-090	1.651	1.27	-0.380	3.590	-0.230	5972.2	2011-08-24
H1-03-170_H1-03-140	H1-03-170	H1-03-140	2.258	1.24	-0.564	2.096	-0.250	602.8	2011-08-24
H1-03-180_H1-03-170	H1-03-180	H1-03-170	2.657	1.23	-0.414	2.645	-0.156	865.4	2011-08-24
H1-03-200_H1-03-180	H1-03-200	H1-03-180	0.933	1.21	-0.447	2.729	-0.479	7449.3	2011-08-24
H1-03-200_H1-MA-027	H1-03-200	H1-MA-027	1.697	1.21	0.158	4.145	0.093	1216.1	2011-08-24
H1-03-210_H1-03-200	H1-03-210	H1-03-200	1.256	1.21	0.245	2.668	0.195	4860.7	2011-08-24
H1-03-210_H1-MO-036	H1-03-210	H1-MO-036	1.484	1.21	0.218	3.335	0.147	-1075.5	2011-08-24
H1-07-013_H1-BL-091	H1-07-013	H1-BL-091	0.274	3.51	0.177	3.336	0.646	2025.3	2011-08-24
H1-08-011_H1-BL-093	H1-08-011	H1-BL-093	0.050	2.82	0.025	3.619	0.497	267.7	2011-08-24
H1-08-011A_H1-08-011	H1-08-011A	H1-08-011	0.000	2.83	0.006	3.493		-0.5	2011-08-24
H1-AD-026_H1-01-075	H1-AD-026	H1-01-075	0.000	1.24	0.120	3.022		1016.8	2011-08-24
H1-AD-030_H1-03-140	H1-AD-030	H1-03-140	0.000	1.25	-0.081	3.364		-33.1	2011-08-24
H1-AD-035_H1-03-140	H1-AD-035	H1-03-140	0.177	1.25	0.274	3.365	1.546	4735.3	2011-08-24
H1-AD-039_H1-AD-035	H1-AD-039	H1-AD-035	1.136	1.29	0.261	3.373	0.229	4347.2	2011-08-24
H1-AD-042_H1-AD-039	H1-AD-042	H1-AD-039	0.653	1.30	0.226	2.884	0.346	3277.2	2011-08-24
H1-AD-048_H1-AD-042	H1-AD-043	H1-AD-042	0.585	1.30	0.173	2.746	0.297	2308.6	2011-08-24
H1-AD-053_H1-AD-048	H1-AD-053	H1-AD-048	0.778	1.32	0.076	2.590	0.098	884.5	2011-08-24
H1-Alt-Grav1.2	H1-Alt-Grav1	OF-H1-V2	0.000	0.56	0.066	2.249		25.7	2011-08-24
H1-Alt-Grav2.1	H1-Alt-Grav2	OF-H1-V2	0.000	0.56	-0.259	2.249		-20.4	2011-08-24
H1-BL-007_H1-BL-009	H1-BL-007	H1-BL-009	0.000	0.90	0.206	3.331		2731.3	2011-08-24
H1-BL-009_H1-OB-010	H1-BL-009	H1-OB-010	3.875	0.79	3.927	2.161	1.013	117046.4	2011-08-24
H1-BL-016_H1-BL-009	H1-BL-016	H1-BL-009	1.531	1.35	1.093	2.656	0.714	12641.1	2011-08-24
H1-BL-017_H1-BL-016	H1-BL-017	H1-BL-016	0.800	1.52	0.993	2.193	1.242	11449.6	2011-08-24
H1-BL-024_H1-BL-017	H1-BL-024	H1-BL-017	0.949	1.84	0.933	2.260	0.984	10741.7	2011-08-24
H1-BL-030_H1-BL-024	H1-BL-030	H1-BL-024	0.634	2.12	0.795	2.411	1.253	9103.6	2011-08-24
H1-BL-037_H1-BL-030	H1-BL-037	H1-BL-030	0.941	2.38	0.796	2.455	0.845	9120.8	2011-08-24
H1-BL-039_H1-BL-037	H1-BL-039	H1-BL-037	1.111	2.54	0.668	2.374	0.601	7656.6	2011-08-24
H1-BL-090C_H1-BL-090B	H1-BL-090C	H1-BL-090B	0.000	5.15	-0.047	19.529		-531.6	2011-08-24
H1-BL-090E_H1-BL-039	H1-BL-090E	H1-BL-039	0.825	2.67	0.581	2.101	0.705	6639.1	2011-08-24
H1-BL-090E_H1-BL-090	H1-BL-090E	H1-BL-090	0.059	2.76	-0.428	2.562	-7.231	-4587.8	2011-08-24
H1-BL-090E_H1-BL-090C	H1-BL-090E	H1-BL-090C	0.000	2.86	-0.071	5.482		-861.8	2011-08-24
H1-BL-091_H1-BL-090	H1-BL-091	H1-BL-090	0.299	2.78	0.414	1.653	1.384	4466.4	2011-08-24
H1-BL-093_H1-BL-091	H1-BL-093	H1-BL-091	0.702	2.80	0.216	1.668	0.307	1694.7	2011-08-24
H1-BL-095_H1-BL-093	H1-BL-095	H1-BL-093	0.137	2.82	0.039	2.895	0.288	450.7	2011-08-24
H1-CL-014_H1-NE-007	H1-CL-014	H1-NE-007	1.318	1.21	0.047	4.901	0.035	531.6	2011-08-24
H1-CL-015_H1-CL-023	H1-CL-015	H1-CL-023	1.872	1.27	-0.182	2.866	-0.097	-663.5	2011-08-24
H1-CL-023_H1-03-060	H1-CL-023	H1-03-060	0.916	1.29	-0.368	3.654	-0.402	79.2	2011-08-24
H1-CL-036_H1-03-060	H1-CL-036	H1-03-060	1.251	1.30	0.220	3.357	0.176	1673.9	2011-08-24
H1-GA-017_H1-OB-031	H1-GA-012	H1-OB-031	1.135	1.03	0.671	1.869	0.591	19073.8	2011-08-24
H1-GA-018_H1-GA-017	H1-GA-018	H1-GA-017	3.229	1.13	0.629	1.761	0.195	17900.0	2011-08-24

H1-GR-022_H1-01-033	H1-GR-022	H1-01-033	0.710	1.27	0.325	3.966	0.458	9440.8	2011-08-24
H1-GR-027_H1-03-090	H1-GR-027	H1-03-090	2.875	1.28	0.259	4.246	0.090	3933.3	2011-08-24
H1-GR-033_H1-GR-027	H1-GR-033	H1-GR-027	1.283	1.31	0.322	2.757	0.251	4237.5	2011-08-24
H1-GR-037_H1-GR-033	H1-GR-037	H1-GR-033	0.855	1.32	0.220	2.338	0.257	3135.7	2011-08-24
H1-GR-038_H1-GR-037	H1-GR-038	H1-GR-037	0.988	1.32	0.135	2.635	0.137	1336.1	2011-08-24
H1-GR-054_H1-GR-047	H1-GR-054	H1-GR-046	1.224	1.33	0.077	3.354	0.063	943.2	2011-08-24
H1-HA-130_H1-HA-132	PR_DH_MH1	H1-HA-132	0.796	1.17	-0.092	2.672	-0.115	-1211.3	2011-08-24
H1-HA-132_H1-01-110	H1-HA-132	H1-01-110	0.848	1.18	-0.083	3.825	-0.098	249.8	2011-08-24
H1-HA-132A_H1-HA-132	H1-HA-132A	H1-HA-132	0.000	1.19	0.019	5.154		219.9	2011-08-24
H1-HA-135_H1-01-110	H1-HA-135	H1-01-110	0.000	1.18	0.111	3.419		1610.5	2011-08-24
H1-HA-136_H1-HA-138	H1-HA-136	H1-HA-138	0.039	1.26	0.039	7.785	0.989	448.8	2011-08-24
H1-HA-138_H1-HA-139	H1-HA-138	H1-HA-139	0.084	1.13	0.038	4.051	0.448	499.7	2011-08-24
H1-HA-138A_H1-HA-138	H1-HA-138A	H1-HA-138	0.127	1.13	-0.006	4.573	-0.044	80.1	2011-08-24
H1-HA-138B_H1-HA-138A	H1-HA-138B	H1-HA-138A	0.000	1.12	0.001	5.383		80.1	2011-08-24
H1-HA-139_H1-HA-140	H1-HA-139	H1-HA-140	0.037	1.13	0.039	5.938	1.055	485.3	2011-08-24
H1-HA-139A_H1-HA-139	H1-HA-139A	H1-HA-139	0.226	1.13	-0.005	4.051	-0.021	58.0	2011-08-24
H1-HA-140_H1-HA-141	H1-HA-140	H1-HA-141	0.189	1.11	0.039	4.230	0.208	530.3	2011-08-24
H1-HA-140A_H1-HA-140	H1-HA-140A	H1-HA-140	0.130	1.11	-0.003	3.950	-0.026	51.5	2011-08-24
H1-HA-140B_H1-HA-140A	H1-HA-140B	H1-HA-140A	0.072	1.11	-0.001	6.383	-0.013	0.0	2011-08-24
H1-HA-140C_H1-HA-140A	H1-HA-140C	H1-HA-140A	0.026	1.11	0.001	6.383	0.045	51.5	2011-08-24
H1-HA-141_H1-JA-043	H1-HA-141	H1-JA-043	0.506	1.12	0.045	6.019	0.090	573.6	2011-08-24
H1-HU-001_H1-HU-002	H1-HU-001	H1-HU-002	0.058	7.77	0.058	0.749	1.011	661.9	2011-08-24
H1-HU-002_H1-07-013	H1-HU-002	H1-07-013	0.379	7.54	0.101	1.422	0.266	1130.2	2011-08-24
H1-HU-003_H1-HU-002	H1-HU-003	H1-HU-002	0.000	7.69	0.025	0.727		271.0	2011-08-24
H1-JA-021_H1-OB-121	H1-JA-021	H1-OB-121	1.035	1.15	0.348	3.122	0.336	5788.6	2011-08-24
H1-JA-022_H1-JA-021	H1-JA-022	H1-JA-021	1.833	1.16	0.322	2.337	0.176	5931.9	2011-08-24
H1-JA-034_H1-01-100	MH-T2-2STB	H1-01-100	1.689	1.15	0.349	4.810	0.207	3924.8	2011-08-24
H1-JA-037B_H1-JA-034	H1-JA-037B	H1-JA-034	1.219	1.12	-0.354	5.475	-0.290	2637.0	2011-08-24
H1-JA-043_H1-JA-037B	H1-JA-043	H1-JA-037B	1.031	1.12	-0.323	4.531	-0.314	2263.1	2011-08-24
H1-JA-046_H1-JA-043	H1-JA-046	H1-JA-043	3.074	1.12	-0.149	4.084	-0.049	1072.4	2011-08-24
H1-JE-026A_H1-01-080	H1-JE-026A	H1-JE-023	0.107	1.22	0.450	1.816	4.221	12819.6	2011-08-24
H1-JE-031_H1-03-180	H1-JE-031	H1-03-180	1.018	1.23	-0.473	2.052	-0.465	-11273.3	2011-08-24
H1-JE-031_H1-JE-026A	H1-JE-031	H1-JE-026A	1.570	1.23	0.383	2.620	0.244	11640.5	2011-08-24
H1-JE-032_H1-03-180	H1-JE-032	H1-03-180	5.104	1.23	0.226	2.055	0.044	3641.7	2011-08-24
H1-JE-037_H1-JE-032	H1-JE-037	H1-JE-032	0.842	1.24	0.271	2.959	0.321	3901.8	2011-08-24
H1-JE-044_H1-JE-037	H1-JE-044	H1-JE-037	0.846	1.25	0.228	2.287	0.269	3031.2	2011-08-24
H1-JE-050_H1-JE-044	H1-JE-050	H1-JE-044	0.679	1.26	0.140	2.144	0.206	2079.9	2011-08-24
H1-JE-055_H1-JE-050	H1-JE-055	H1-JE-050	0.806	1.27	0.075	2.840	0.093	836.5	2011-08-24
H1-Junction1.1	H1-Junction1	OF-H1-V2	0.475	0.56	0.066	2.266	0.138	-0.1	2011-08-24
H1-Junction2.1	H1-Junction2	OF-H1-V2	0.475	0.56	0.066	2.266	0.138	-0.1	2011-08-24
H1-MA-010_H1-OB-100	H1-MA-010	H1-OB-100	0.999	1.18	0.225	3.868	0.226	4913.0	2011-08-24
H1-MA-027_H1-01-085	H1-MA-027	H1-01-085	1.355	1.21	0.255	2.672	0.188	2537.4	2011-08-24
H1-MA-038_H1-03-200	H1-MA-038	H1-03-200	1.462	1.21	-0.155	5.093	-0.106	3422.9	2011-08-24
H1-MA-041_H1-MA-038	H1-MA-041	H1-MA-038	1.570	1.22	0.189	4.149	0.120	3070.9	2011-08-24
H1-MA-048_H1-MA-041	H1-MA-044	H1-MA-041	0.530	1.23	0.161	3.356	0.304	2157.0	2011-08-24
H1-MA-054_H1-MA-048	H1-MA-054	H1-MA-048	0.566	1.24	0.078	3.233	0.137	857.0	2011-08-24

H1-MO-010_H1-NE-030	H1-MO-010	H1-NE-030	3.429	1.17	0.180	2.158	0.053	3138.5	2011-08-24
H1-MO-033_H1-01-089	H1-MO-033	H1-01-089	0.845	1.19	0.305	2.366	0.361	95.7	2011-08-24
H1-MO-036_H1-MO-033	H1-MO-036	H1-MO-033	0.737	1.20	0.218	3.094	0.295	-1054.7	2011-08-24
H1-MO-043_H1-03-210	H1-MO-043	H1-03-210	0.847	1.20	0.151	4.598	0.179	2532.6	2011-08-24
H1-MO-044_H1-MO-043	H1-MO-044	H1-MO-043	1.862	1.19	0.112	5.356	0.060	2105.8	2011-08-24
H1-MO-047_H1-MO-044	H1-MO-047	H1-MO-044	5.079	1.19	0.112	2.758	0.022	2193.2	2011-08-24
H1-MO-057_H1-MO-047	H1-MO-057	H1-MO-047	1.102	1.19	0.075	3.109	0.068	1870.6	2011-08-24
H1-MO-062_H1-MO-057	H1-MO-062	H1-MO-057	0.771	1.19	0.037	4.031	0.047	957.8	2011-08-24
H1-NE-002_H1-PA-015	H1-NE-002	H1-PA-015	0.000	1.03	0.033	1.903		16.8	2011-08-24
H1-NE-003_H1-WI-011	H1-NE-003	H1-WI-011	2.015	1.17	1.013	2.533	0.503	29187.3	2011-08-24
H1-NE-007_H1-NE-003	H1-NE-007	H1-NE-003	1.403	1.19	0.274	2.598	0.195	7157.4	2011-08-24
H1-NE-011_H1-NE-007	H1-NE-011	H1-NE-007	0.410	1.22	0.216	3.256	0.526	6254.3	2011-08-24
H1-NE-011_H1-NE-014A	H1-NE-011	H1-NE-014A	0.306	1.21	0.206	2.667	0.673	4807.2	2011-08-24
H1-NE-014A_H1-NE-017	H1-NE-014A	H1-NE-017	2.443	1.18	0.417	2.006	0.171	10039.0	2011-08-24
H1-NE-017_H1-NE-019	H1-NE-017	H1-NE-019	5.055	1.18	0.413	2.343	0.082	9990.8	2011-08-24
H1-NE-019_H1-NE-020	H1-NE-019	H1-NE-020	2.933	1.17	0.398	1.461	0.136	9946.1	2011-08-24
H1-NE-020_H1-OB-090	H1-NE-020	H1-OB-090	4.253	1.15	1.344	2.352	0.316	42653.2	2011-08-24
H1-NE-021_H1-OB-091	H1-NE-021	H1-OB-091	1.305	1.15	0.229	2.772	0.175	7311.1	2011-08-24
H1-NE-026_H1-NE-021	H1-NE-026	H1-NE-021	0.588	1.16	0.217	2.465	0.370	7142.7	2011-08-24
H1-NE-029A_H1-NE-026	H1-NE-029A	H1-NE-026	0.735	1.16	0.180	2.221	0.245	6368.4	2011-08-24
H1-NE-030_H1-NE-029A	H1-NE-030	MH-T6-NEW	0.604	1.16	0.183	3.100	0.303	6171.5	2011-08-24
H1-NE-031_H1-NE-030	H1-NE-031	H1-NE-030	2.717	1.17	0.198	1.798	0.073	3043.0	2011-08-24
H1-NE-040_H1-NE-031	H1-NE-040	H1-NE-031	0.421	1.16	0.194	1.985	0.462	2776.4	2011-08-24
H1-NE-047_H1-NE-040	H1-NE-047	H1-NE-040	0.123	1.16	0.030	2.768	0.246	290.8	2011-08-24
H1-OB-001_H1-OB-010	H1-OB-001	H1-OB-010	0.000	0.74	0.019	8.732		225.2	2011-08-24
H1-OB-010_H1-OB-008	H1-OB-010	H1-OB-008	8.196	0.62	4.037	1.945	0.493	118239.3	2011-08-24
H1-OB-031_H1-BL-009	H1-OB-031	H1-BL-009	1.701	0.95	3.168	2.306	1.862	101335.3	2011-08-24
H1-OB-050_H1-OB-031	H1-OB-050	H1-OB-031	4.392	1.02	2.772	2.339	0.631	82029.6	2011-08-24
H1-OB-050_H1-OB-050A	H1-OB-050	H1-OB-050A	0.000	1.03	0.007	1.666		3.9	2011-08-24
H1-OB-071_H1-OB-050	H1-OB-071	H1-OB-050	3.011	1.06	2.704	2.322	0.898	80665.0	2011-08-24
H1-OB-072_H1-OB-071	H1-OB-072	H1-OB-071	13.803	1.08	2.714	2.337	0.197	80796.6	2011-08-24
H1-OB-077_H1-OB-072	H1-OB-077	H1-OB-072	2.989	1.12	1.625	2.294	0.544	50373.1	2011-08-24
H1-OB-090_H1-OB-077	H1-OB-090	H1-OB-080A	1.172	1.14	1.575	2.348	1.343	49803.2	2011-08-24
H1-OB-091_H1-OB-090	H1-OB-091	H1-OB-090	0.617	1.15	0.237	2.821	0.384	7427.3	2011-08-24
H1-OB-095_H1-NE-020	H1-OB-095	H1-NE-020	1.512	1.17	0.289	4.636	0.191	11049.8	2011-08-24
H1-OB-100_H1-OB-095	H1-OB-100	H1-OB-095	8.108	1.18	0.348	1.491	0.043	10778.6	2011-08-24
H1-OB-101_H1-OB-100	MH-T5-OBS	H1-OB-100	0.357	1.17	0.172	3.423	0.482	5327.2	2011-08-24
H1-OB-116_H1-MO-010	H1-OB-116	H1-MO-010	1.228	1.17	0.176	2.774	0.143	3020.9	2011-08-24
H1-OB-116_H1-OB-101	H1-OB-116	H1-OB-101	0.811	1.17	0.185	2.506	0.228	5174.4	2011-08-24
H1-OB-117_H1-OB-116	H1-OB-117	H1-OB-116	2.455	1.17	0.221	2.380	0.090	4518.1	2011-08-24
H1-OB-121_H1-OB-117	H1-OB-121	H1-OB-117	1.679	1.16	0.217	3.683	0.129	3958.1	2011-08-24
H1-OB-121A_H1-OB-121	H1-OB-121A	H1-OB-121	0.108	1.15	-0.022	6.830	-0.204	-161.2	2011-08-24
H1-OB-122_H1-NE-040	H1-OB-122	H1-NE-040	0.676	1.15	-0.201	1.523	-0.297	1599.5	2011-08-24
H1-OB-122_H1-OB-121	H1-OB-122	H1-OB-121	8.080	1.15	0.409	2.278	0.051	-2177.8	2011-08-24
H1-OB-122A_H1-OB-122	MH-T7-OBS	H1-OB-122	1.169	1.13	-0.561	2.714	-0.480	-894.2	2011-08-24
H1-OB-122B_H1-OB-122A	H1-OB-122B	H1-OB-122A	2.381	1.11	0.080	2.033	0.034	1458.1	2011-08-24

H1-OB-122C_H1-OB-122A	H1-OB-122C	H1-OB-122A	0.000	1.11	0.061	2.033		757.2	2011-08-31
H1-OB-123_H1-HA-130	H1-OB-123	H1-HA-130	0.497	1.16	-0.092	2.972	-0.185	-1209.3	2011-08-31
H1-OB-125_H1-OB-123	H1-OB-125	H1-OB-123	0.046	1.71	0.085	7.202	1.846	1435.8	2011-08-31
H1-OB-127_H1-OB-125	H1-OB-127	H1-OB-125	0.000	1.89	0.120	2.727		1441.2	2011-08-31
H1-PA-015_H1-OB-050	H1-PA-015	H1-OB-050	1.425	1.03	0.198	2.250	0.139	1107.1	2011-08-31
H1-PA-017_H1-01-006	H1-PA-017	H1-01-006	2.274	1.30	-0.018	3.733	-0.008	164.7	2011-08-31
H1-PA-017_H1-01-006A	H1-PA-017	H1-01-006A	4.736	1.30	0.240	2.497	0.051	3756.4	2011-08-31
H1-PA-020A_H1-OB-117	H1-PA-020A	H1-OB-117	0.000	1.17	0.015	5.499		180.6	2011-08-31
H1-PA-024_H1-PA-017	H1-PA-024	H1-PA-017	0.622	1.34	0.251	3.995	0.404	3956.6	2011-08-31
H1-PA-030_H1-PA-050	H1-PA-030	H1-PA-050	0.048	1.18	-0.017	6.007	-0.347	-130.6	2011-08-31
H1-PA-050_H1-01-115	H1-PA-050	H1-01-115	0.467	1.19	-0.266	2.727	-0.569	-1410.2	2011-08-31
H1-PA-050A_H1-PA-050	H1-PA-050A	H1-PA-050	0.000	1.18	-0.180	2.670		-471.7	2011-08-31
H1-PA-060_H1-01-116	H1-PA-060	H1-01-116	0.341	1.29	0.057	5.963	0.167	1112.5	2011-08-31
H1-PA-061_H1-01-117	H1-PA-061	H1-01-116	0.295	1.73	0.494	4.163	1.675	14228.8	2011-08-31
H1-PA-062_H1-PA-061	H1-PA-062	H1-PA-061	0.000	5.09	0.562	11.500		17119.6	2011-08-31
H1-WA-011_H1-07-013	H1-WA-011	H1-07-013	0.000	3.78	0.013	1.822		156.0	2011-08-31
H1-WI-011_H1-OB-072	H1-WI-011	H1-OB-072	1.444	1.12	1.011	2.529	0.700	29128.5	2011-08-31
H1-WI-019_H1-NE-003	H1-WI-019	H1-NE-003	2.465	1.19	0.768	2.227	0.311	21395.6	2011-08-31
H1-WI-022_H1-01-010	H1-WI-022	H1-01-010	3.370	1.25	0.399	1.837	0.119	8714.7	2011-08-31
H1-WW.2	H1-WW	H1-Alt-Grav2	0.000	0.56	-0.248	2.249		-20.3	2011-08-31
H1-WW.4	H1-WW	H1-Alt-Grav1	0.000	0.56	0.091	2.249		25.9	2011-08-31
H2 REGULATOR_H2-INT-009A	H2 REGULATOR	H2-INT-009A	4.043	1.07	-0.261	3.164	-0.065	-6741.0	2011-08-31
H2-01-001_H2-01-002	H2-01-001	H2-01-002	0.150	5.45	0.156	10.579	1.046	2976.0	2011-08-31
H2-01-001A_H2-01-001	H2-01-001A	H2-01-001	0.000	5.92	0.081	12.104		1079.2	2011-08-31
H2-01-002_H2-RI-004	H2-01-002	H2-RI-004	0.141	4.03	0.155	11.572	1.104	3262.5	2011-08-31
H2-01-003_H2-NE-010B	H2-01-003	H2-NE-010B	1.273	1.85	0.246	3.296	0.193	5022.0	2011-08-31
H2-02-003_H2-RI-005	H2-02-003	H2-RI-005	0.000	3.24	0.046	12.731		606.9	2011-08-31
H2-05-001_H2-WA-007	H2-05-001	H2-WA-007	0.000	3.68	0.043	1.719		521.4	2011-08-31
H2-05-002_H2-05-001	H2-05-002	H2-05-001	0.000	3.73	0.007	1.917		85.0	2011-08-31
H2-06-003_H2-WA-009	H2-06-003	H2-WA-009	0.110	6.33	0.124	2.368	1.125	1501.6	2011-08-31
H2-06-004_H2-06-003	H2-06-004	H2-06-003	0.000	7.03	0.037	5.123		441.1	2011-08-31
H2-CO-003_H2-01-001	H2-CO-003	H2-01-001	0.000	6.11	0.067	12.742		860.8	2011-08-31
H2-CO-004AA_H2-CO-003	H2-CO-004AA	H2-CO-003	0.000	6.36	0.039	13.541		510.7	2011-08-31
H2-HP-001A_H2-HP-004	H2-HP-001A	H2-HP-004	0.077	2.45	0.096	7.811	1.243	1393.4	2011-08-31
H2-HP-004_H2-RI-009	H2-HP-004	H2-RI-009	0.133	2.17	0.139	5.824	1.048	2567.2	2011-08-31
H2-HP-008A_H2-HP-004	H2-HP-008A	H2-HP-004	0.112	2.53	0.049	7.811	0.440	581.2	2011-08-31
H2-INT-001_H2-INT-002	H2-INT-001	H2-INT-002	5.406	0.98	-0.374	2.856	-0.069	-10869.0	2011-08-31
H2-INT-001A_H2-INT-001	H2-INT-001A	H2-INT-001	0.848	0.97	-0.374	2.634	-0.441	-10847.7	2011-08-31
H2-INT-002_H2-INT-003	H2-INT-002	H2-INT-003	0.000	1.00	-0.374	1.206		-10875.6	2011-08-31
H2-INT-003_H2-INT-004	H2-INT-003	H2-INT-004	9.060	1.00	-0.374	2.725	-0.041	-10876.9	2011-08-31
H2-INT-004_H2-INT-005	H2-INT-004	H2-INT-005	3.968	1.02	-0.374	2.886	-0.094	-10899.5	2011-08-31
H2-INT-005_H2-INT-006	H2-INT-005	H2-INT-006	5.087	1.04	-0.374	2.718	-0.074	-10916.9	2011-08-31
H2-INT-006_H2-INT-007	H2-INT-006	H2-INT-007	5.496	1.04	-0.374	3.005	-0.068	-10970.6	2011-08-31
H2-INT-007_H2 REGULATOR	H2-INT-007	H2 REGULATOR	2.773	1.06	-0.261	3.475	-0.094	-6607.7	2011-08-31
H2-INT-009_H2-INT-010	H2-INT-009	H2-INT-010	0.908	1.08	-0.262	3.103	-0.289	-6941.8	2011-08-31

H2-INT-009A_H2-INT-009	H2-INT-009A	H2-INT-009	0.853	1.08	-0.262	3.169	-0.306	-6897.1	2011-08-24
H2-INT-010_H3-INT-001	H2-INT-010	H3-INT-001	3.060	1.09	-0.263	3.506	-0.086	-6975.9	2011-08-24
H2-NE-004_H2-NE-005	H2-NE-004	H2-NE-005	1.157	1.91	-0.400	4.150	-0.346	-5542.5	2011-08-24
H2-NE-004_H2-NE-010	H2-NE-004	H2-NE-010	1.554	1.87	0.484	3.711	0.311	6573.0	2011-08-24
H2-NE-005_H2-NE-007	H2-NE-005	H2-NE-007	1.314	1.94	-0.387	4.002	-0.295	-5431.6	2011-08-24
H2-NE-007_H2-WA-001	H2-NE-007	H2-WA-001	1.348	1.97	-0.371	3.815	-0.276	-5286.6	2011-08-24
H2-NE-010B_H2-NE-010	H2-NE-010B	H2-NE-010	2.316	1.84	0.246	3.711	0.106	4982.7	2011-08-24
H2-NE-013_H2-RI-009	H2-NE-013	H2-RI-009	0.150	1.95	0.043	15.106	0.285	507.5	2011-08-24
H2-NE-020.1	H2-NE-020	H2	0.852	1.53	-0.005	4.875	-0.006	-31.8	2011-08-24
H2-OF.1	H2-NE-010	H2	0.383	1.73	1.002	3.585	2.615	15654.0	2011-08-24
H2-RI-004_H2-01-003	H2-RI-004	H2-01-003	0.096	2.63	0.224	8.709	2.330	4772.4	2011-08-24
H2-RI-005_H2-RI-004	H2-RI-005	H2-RI-004	0.000	3.00	0.091	9.543		1227.9	2011-08-24
H2-RI-009_H2-NE-010	H2-RI-009	H2-NE-010	3.135	1.84	0.227	3.092	0.072	3679.2	2011-08-24
H2-WA-0000_H1-BL-090	H2-WA-0000	H1-BL-090	0.148	3.13	0.012	4.117	0.082	141.2	2011-08-24
H2-WA-001_H2-WA-003	H2-WA-001	H2-WA-003	2.033	2.01	-0.328	3.549	-0.161	-4698.2	2011-08-24
H2-WA-003_H2-WA-004	H2-WA-003	H2-WA-004	1.531	2.03	-0.300	1.726	-0.196	-4150.5	2011-08-24
H2-WA-004_H2-03-020	H2-WA-004	H2-03-020	0.553	2.13	-0.273	1.343	-0.494	-4121.3	2011-08-24
H2-WA-005A_H2-03-020	H2-WA-005A	H2-03-020	1.270	3.05	0.294	0.292	0.231	3681.1	2011-08-24
H2-WA-007_H2-WA-005A	H2-WA-007	H2-WA-005A	1.393	3.44	0.258	0.292	0.186	3186.8	2011-08-24
H2-WA-009_H2-WA-007	H2-WA-009	H2-WA-007	1.840	4.49	0.180	0.271	0.098	2232.8	2011-08-24
H2-WA-010_H2-WA-009	H2-WA-010	H2-WA-009	0.120	4.85	0.029	0.804	0.239	348.0	2011-08-24
H2-WA-011_H2-WA-010	H2-WA-011	H2-WA-010	0.065	4.98	0.020	0.746	0.302	241.4	2011-08-24
H2-WA-012_H2-WA-011	H2-WA-012	H2-WA-011	0.069	5.16	0.019	0.667	0.281	231.5	2011-08-24
H2-WA-013_H2-WA-0000	H2-WA-013	H2-WA-0000	0.190	5.22	0.012	0.443	0.063	142.1	2011-08-24
H2-WW.1	H2-WW	H2-OF	0.000	1.38	0.902	2.491		11059.5	2011-08-24
H3-02-001_H3-HU-001	H3-02-001	H3-HU-001	0.000	3.59	0.013	0.556		156.4	2011-08-24
H3-03-002_H3-RI-006	H3-03-002	H3-RI-006	4.671	1.14	0.794	2.628	0.170	5534.7	2011-08-24
H3-03-004_H3-03-002	H3-03-004	H3-03-002	0.563	1.22	0.745	1.923	1.325	4969.8	2011-08-24
H3-03-006_H3-CO-004	H3-03-006	H3-CO-004	3.020	1.28	0.496	2.112	0.164	1755.5	2011-08-24
H3-03-007_H1-03-003A	H3-03-007	H1-03-003A	1.114	1.33	-0.450	2.711	-0.404	235.6	2011-08-24
H3-03-009_H3-03-007	H3-03-009	H3-03-007	1.161	1.34	-0.451	2.126	-0.389	212.7	2011-08-24
H3-03-010_H3-03-009	H3-03-010	H3-03-009	0.479	1.35	-0.452	3.359	-0.944	235.4	2011-08-24
H3-03-015_H3-03-010	H3-03-015	H3-03-010	1.424	1.36	0.523	2.106	0.367	8080.6	2011-08-24
H3-03-015_H3-PA-025	H3-03-015	H3-PA-025	1.958	1.35	0.146	4.122	0.074	2201.8	2011-08-24
H3-03-020.1	H3-03-020	H3	5.554	1.06	-0.346	1.586	-0.062	-326.2	2011-08-24
H3-03-022_H3-03-022A	H3-03-022	H3-03-022A	4.477	1.32	0.452	4.620	0.101	5854.2	2011-08-24
H3-03-022A_H3-03-015	H3-03-022A	H3-03-015	0.855	1.35	0.527	2.564	0.617	5865.3	2011-08-24
H3-03-022A_H3-WI-038AB	H3-03-022A	H3-WI-038AB	1.237	1.33	0.285	4.016	0.231	7524.3	2011-08-24
H3-03-040.1	H3-03-040	H3-03-020	1.945	1.06	-0.316	1.286	-0.163	-247.9	2011-08-24
H3-03-050.1	H3-03-050	H3-03-040	1.204	1.06	-0.027	1.594	-0.022	-24.5	2011-08-24
H3-05-090_H3-WI-022	H3-WI-015	H3-WI-022	0.881	1.38	0.275	3.631	0.312	5613.3	2011-08-24
H3-05-100_H3-05-090	H3-05-100	H3-05-090	0.367	1.40	0.100	2.317	0.271	2632.5	2011-08-24
H3-05-100_H3-CL-013	H3-05-100	H3-CL-013	0.487	1.34	0.140	8.991	0.288	27.4	2011-08-24
H3-CL-001_H3-CL-003	H3-CL-001	H3-CL-003	0.644	1.41	0.076	5.219	0.118	924.4	2011-08-24
H3-CL-003_H3-CL-004	H3-CL-003	H3-CL-004	0.698	1.41	0.080	4.249	0.115	969.6	2011-08-24
H3-CL-004_H3-CL-007	H3-CL-004	H3-CL-007	1.118	1.41	0.080	2.529	0.071	969.2	2011-08-24

H3-CL-007_H3-CL-011	H3-CL-007	H3-CL-011	0.186	1.41	0.182	2.535	0.976	2295.3	2011-08-24
H3-CL-011_H3-05-100	H3-CL-011	H3-05-100	0.990	1.40	0.182	2.272	0.184	2282.5	2011-08-24
H3-CL-013_H3-CL-015A	H3-CL-013	H3-CL-015A	0.437	1.32	0.140	2.945	0.321	22.9	2011-08-24
H3-CL-015A_H1-CL-036	H3-CL-015A	H1-CL-036	0.963	1.31	0.149	3.494	0.155	112.9	2011-08-24
H3-CO-001_H3-CO-004	H3-CO-001	H3-CO-004	0.026	5.97	0.041	4.793	1.584	537.4	2011-08-24
H3-CO-004_H3-03-004	H3-CO-004	H3-03-004	2.595	1.26	0.572	2.354	0.220	2891.9	2011-08-24
H3-CO-006_H3-CO-004	H3-CO-006	H3-CO-004	0.060	5.51	0.041	0.600	0.673	537.5	2011-08-24
H3-GA-001_H1-01-021	H3-GA-001	H1-01-021	1.380	1.24	0.556	2.416	0.403	16910.2	2011-08-24
H3-GA-001_H3-GA-004	H3-GA-001	H3-GA-004	1.262	1.29	-0.623	2.572	-0.494	-16770.2	2011-08-24
H3-GA-004_H3-03-010	H3-GA-004	H3-03-010	1.454	1.35	-0.579	3.360	-0.398	-15993.3	2011-08-24
H3-GA-013C_H3-03-010	H3-GA-013C	H3-03-010	1.049	1.48	0.641	3.369	0.611	7040.9	2011-08-24
H3-GA-014_H3-GA-013C	H3-GA-014	H3-GA-013C	0.433	1.56	0.545	3.154	1.257	6075.8	2011-08-24
H3-GA-015A_H3-GA-014	H3-GA-015A	H3-GA-014	1.311	1.66	0.520	3.174	0.397	5868.6	2011-08-24
H3-GA-018A_H3-GA-015A	H3-GA-018A	H3-GA-015A	0.552	1.74	0.461	3.668	0.835	5281.0	2011-08-24
H3-GA-023_H3-GA-018A	H3-GA-023	H3-GA-018A	1.391	1.81	0.420	2.746	0.302	4717.5	2011-08-24
H3-GA-028_H3-GA-023	H3-GA-028	H3-GA-023	1.165	1.84	0.357	2.109	0.306	3538.2	2011-08-24
H3-GA-033_H3-GA-028	H3-GA-033	H3-GA-028	1.428	1.85	0.286	1.595	0.200	2318.5	2011-08-24
H3-GA-037_H3-GA-033	H3-GA-037	H3-GA-033	0.810	1.85	0.122	0.776	0.151	950.4	2011-08-24
H3-HU-001_H3-03-004	H3-HU-001	H3-03-004	0.179	3.49	0.029	7.780	0.162	237.1	2011-08-24
H3-HU-004_H3-03-004	H3-HU-004	H3-03-004	0.000	1.29	0.020	7.944		260.3	2011-08-24
H3-INT-001_H3-INT-002	H3-INT-001	H3-INT-002	0.000	1.09	-0.263	3.520		-7012.0	2011-08-24
H3-INT-002_H3 REGULATOR	H3-INT-002	H3-INT-003A	9.018	1.10	-0.264	4.067	-0.029	-7024.1	2011-08-24
H3-INT-003_H3-INT-004	H3-INT-003	H3-INT-004	6.260	0.55	0.293	2.742	0.047	14580.5	2011-08-24
H3-INT-003A_H3 REGULATOR	H3-INT-003A	H3	5.802	1.07	0.635	4.031	0.109	-442.1	2011-08-24
H3-INT-004_H3-INT-005	H3-INT-004	H3-INT-005	5.518	0.55	0.290	2.636	0.053	14567.7	2011-08-24
H3-INT-005_H3-INT-006	H3-INT-005	H3-INT-006	1.980	0.55	0.271	2.736	0.137	14521.5	2011-08-24
H3-INT-006_H3-INT-007	H3-INT-006	H3-INT-007	2.683	0.54	0.261	2.777	0.097	14472.6	2011-08-24
H3-PA-001_H3-PA-004	H3-PA-001	H3-PA-004	0.359	1.50	0.073	2.150	0.203	820.4	2011-08-24
H3-PA-004_H3-PA-009	H3-PA-004	H3-PA-009	0.760	1.50	0.187	2.693	0.247	2180.9	2011-08-24
H3-PA-009_H3-PA-012	H3-PA-009	H3-PA-012	0.869	1.46	0.258	2.541	0.298	2874.2	2011-08-24
H3-PA-012_H3-03-015	H3-PA-012	H3-03-015	0.549	1.42	0.338	2.638	0.615	3681.0	2011-08-24
H3-PA-025_H1-PA-024	H3-PA-025	H1-PA-024	1.031	1.35	0.152	3.063	0.148	2332.5	2011-08-24
H3-RI-001_H3-RI-002	H3-RI-001	H3-RI-002	0.072	1.16	0.017	3.887	0.229	289.1	2011-08-24
H3-RI-002_H3-RI-003	H3-RI-002	H3-RI-003	0.051	1.14	0.017	4.120	0.324	288.8	2011-08-24
H3-RI-003_H3-RI-006	H3-RI-003	H3-RI-006	0.257	1.13	0.017	5.253	0.068	369.5	2011-08-24
H3-WI-002_H3-WI-005	H3-WI-002	H3-WI-005	1.684	1.42	0.075	2.761	0.044	860.2	2011-08-24
H3-WI-005_H3-WI-010	H3-WI-005	H3-WI-010	0.697	1.42	0.079	3.704	0.113	825.6	2011-08-24
H3-WI-010_H3-05-090	H3-WI-010	H3-05-090	0.642	1.41	0.189	2.781	0.294	2020.0	2011-08-24
H3-WI-022_H3-03-022A	H3-WI-022	H3-03-022A	1.612	1.37	0.363	3.510	0.225	6627.7	2011-08-24
H3-WI-038AB_H1-02-038A	H3-WI-038AB	H1-02-038A	0.493	1.31	0.313	3.461	0.634	7812.1	2011-08-24
H3-WW.1	H3-IC	H3-INT-003	4.965	0.56	0.293	3.586	0.059	14591.7	2011-08-24
H3-WW_OF-H4-TG2	H3-WW	OF-H4-TG2	3.876	1.06	-0.666	1.465	-0.172	-15576.1	2011-08-24
H4 REGULATOR_HWF-INT-012	H3-INT-007	HWF-INT-012	1.625	0.53	0.454	2.816	0.280	25464.4	2011-08-24
H4-04-002_H4-04-003	H4-04-002	H4-04-003	9.290	1.47	0.030	2.792	0.003	134.9	2011-08-24
H4-04-003_H4-04-010	H4-04-003	H4-04-010	11.296	1.11	1.717	1.130	0.152	42056.4	2011-08-24
H4-04-004_H4-04-003	H4-04-004	H4-04-003	11.071	1.12	1.687	0.885	0.152	41711.1	2011-08-24

H4-04-005_H4-04-004	H4-04-005	H4-04-004	4.256	1.15	1.565	0.892	0.368	40465.6	2011-08-31
H4-04-006_H4-04-005	H4-04-006	H4-04-005	17.025	1.19	1.552	1.279	0.091	38858.6	2011-08-31
H4-04-007_H4-04-006	H4-04-007	H4-04-006	8.515	1.20	1.538	0.950	0.181	38898.6	2011-08-31
H4-04-008_H4-04-007	H4-04-008	H4-04-007	3.214	1.24	1.534	1.158	0.477	38871.4	2011-08-31
H4-04-010_H4	H4-04-010	H4	8.466	1.09	1.751	1.120	0.207	42251.3	2011-08-31
H4-07-080_H4-GA-005	H4-07-080	H4-GA-005	6.710	1.35	1.401	1.192	0.209	38586.9	2011-08-31
H4-07-090_H4-07-080	H4-07-090	H4-07-080	5.935	1.37	1.392	1.282	0.235	38583.8	2011-08-31
H4-07-090_H4-07-090A	H4-07-090A	H4-07-090	7.063	1.39	1.049	1.722	0.149	33387.5	2011-08-31
H4-07-100_H4-07-090A	H4-07-100	H4-07-090A	1.016	1.40	0.387	5.172	0.381	2775.8	2011-08-31
H4-07-140_H4-CL-027	H4-07-140	H4-CL-027	5.704	1.41	0.839	1.371	0.147	29133.7	2011-08-31
H4-07-150_H4-07-150A	H4-07-150	H4-07-150A	8.496	1.41	0.812	1.416	0.096	26642.3	2011-08-31
H4-07-150A_H4-07-140	H4-07-150A	H4-07-140	1.367	1.41	0.788	1.378	0.576	27342.9	2011-08-31
H4-07-160_H4-07-150	H4-07-160	H4-07-150	3.764	1.41	0.788	1.416	0.209	25650.3	2011-08-31
H4-07-170_H4-07-160	H4-07-170	H4-07-160	1.661	1.41	0.764	2.027	0.460	23963.2	2011-08-31
H4-07-180_H4-07-170	H4-07-180	H4-07-170	1.873	1.41	0.514	2.033	0.274	13820.7	2011-08-31
H4-07-190_H4-MA-015	H4-07-190	H4-MA-015	1.828	1.40	0.332	1.537	0.181	10315.1	2011-08-31
H4-07-200_H4-07-190	H4-07-200	H4-07-190	1.367	1.40	0.231	1.469	0.169	4149.0	2011-08-31
H4-AD-002_H4-AD-011	H4-AD-010	H4-AD-011	0.704	1.42	0.086	2.376	0.122	694.8	2011-08-31
H4-AD-011_H4-07-160	H4-AD-011	H4-07-160	0.393	1.42	0.141	3.317	0.358	1518.5	2011-08-31
H4-CL-001_H4-CL-004	H4-CL-001	H4-CL-004	0.347	1.51	0.065	3.188	0.188	705.8	2011-08-31
H4-CL-004_H4-CL-009	H4-CL-004	H4-CL-009	0.287	1.50	0.065	1.916	0.228	686.7	2011-08-31
H4-CL-009_H4-CL-013	H4-CL-009	H4-CL-013	0.634	1.49	0.137	2.161	0.216	1402.9	2011-08-31
H4-CL-013_H4-CL-016	H4-CL-013	H4-CL-016	0.391	1.46	0.163	2.880	0.416	1587.0	2011-08-31
H4-CL-016_H4-CL-017	H4-CL-016	H4-CL-017	0.981	1.43	0.191	2.870	0.194	1844.1	2011-08-31
H4-CL-017_H4-07-140	H4-CL-017	H4-07-140	0.761	1.42	0.191	3.912	0.251	1784.4	2011-08-31
H4-CL-018_H4-CL-022	H4-CL-020	H4-CL-022	0.091	1.51	0.092	4.137	1.004	804.4	2011-08-31
H4-CL-022_H4-CL-027	H4-CL-022	H4-CL-027	0.123	1.48	0.133	2.890	1.084	1552.5	2011-08-31
H4-CL-027_H4-07-090A	H4-CL-027	H4-07-090A	8.501	1.40	0.942	1.726	0.111	30869.0	2011-08-31
H4-GA-002_H4-04-008	H4-GA-002	H4-04-008	5.860	1.28	1.522	1.312	0.260	38923.6	2011-08-31
H4-GA-004_H4-GA-002	H4-GA-004	H4-GA-002	3.978	1.31	1.480	1.401	0.372	38763.5	2011-08-31
H4-GA-005_H4-GA-004	H4-GA-005	H4-GA-004	7.585	1.34	1.437	1.406	0.189	38716.2	2011-08-31
H4-GR-009_H4-07-150A	H4-GR-008	H4-07-150A	1.125	1.41	0.092	1.970	0.082	647.9	2011-08-31
H4-GR-010_H4-07-150	H4-GR-010	H4-07-150	0.457	1.42	-0.209	3.068	-0.459	1012.2	2011-08-31
H4-GR-011_H4-GR-010	H4-GR-011	H4-GR-010	0.481	1.42	-0.235	3.202	-0.490	741.6	2011-08-31
H4-GR-012_H4-GR-011	H4-GR-012	H4-GR-011	0.325	1.42	-0.071	4.328	-0.218	64.3	2011-08-31
H4-HA-001_H4-07-200	H4-HA-001	H4-07-200	0.641	1.40	0.078	3.719	0.121	743.8	2011-08-31
H4-HA-003_H4-HA-001	H4-HA-003	H4-HA-001	0.287	1.41	0.075	3.256	0.260	666.3	2011-08-31
H4-HA-004_H4-HA-003	H4-HA-004	H4-HA-003	0.346	1.41	-0.004	5.029	-0.012	172.4	2011-08-31
H4-HA-007_H4-HA-004	H4-HA-007	H4-HA-004	0.057	1.41	-0.004	4.982	-0.075	107.6	2011-08-31
H4-HU-001_H4-04-004	H4-HU-001	H4-04-004	14.891	5.88	0.079	2.375	0.005	846.3	2011-08-31
H4-HU-002_H4-HU-001	H4-HU-002	H4-HU-001	0.000	6.23	0.059	0.810		586.5	2011-08-31
H4-JA-002_H1-JA-046	MH-T5-5STB	H1-JA-046	4.494	1.12	-0.184	3.410	-0.041	478.0	2011-08-31
H4-JA-002_H4-JA-003	H4-JA-002	H4-JA-003	0.100	1.19	-0.058	7.743	-0.574	-385.1	2011-08-31
H4-JA-003_H4-JA-004	H4-JA-003	H4-JA-004	0.090	1.34	-0.057	10.291	-0.635	-167.2	2011-08-31
H4-JA-004_H4-JA-006	H4-JA-004	H4-JA-006	1.741	1.38	-0.262	3.919	-0.151	-118.9	2011-08-31

H4-JA-006_H4-07-200	H4-JA-006	H4-07-200	1.361	1.40	-0.213	2.532	-0.157	705.9	2011-08-31
H4-JA-009_H4-07-200	H4-JA-009	H4-07-200	0.289	1.43	0.238	3.679	0.824	2692.0	2011-08-31
H4-JA-011_H4-JA-009	H4-JA-011	H4-JA-009	0.426	1.44	0.086	4.362	0.203	1041.3	2011-08-31
H4-JE-005_H4-07-170	H4-JE-005	H4-07-170	0.711	1.42	0.382	3.388	0.537	9953.6	2011-08-31
H4-JE-007_H4-JE-005	H4-JE-007	H4-JE-005	0.297	1.44	0.316	3.499	1.063	8939.4	2011-08-31
H4-JE-007_H5-JE-742	H4-JE-007	H5-JE-742	0.343	1.45	-0.296	3.575	-0.861	-8392.3	2011-08-31
H4-MA-001_H4-MA-006	H4-MA-001	H4-MA-006	0.374	1.37	-0.278	4.992	-0.745	2472.4	2011-08-31
H4-MA-006_H4-07-180	H4-MA-006	H4-07-180	0.375	1.40	-0.189	4.213	-0.503	3523.0	2011-08-31
H4-MA-008_H4-MA-015	H4-MA-008	H4-MA-015	1.755	1.41	-0.043	4.939	-0.025	-127.3	2011-08-31
H4-MA-015_H4-07-180	H4-MA-015	H4-07-180	6.278	1.41	0.338	2.127	0.054	10357.1	2011-08-31
H4-MO-001_H4-07-190	H4-MO-001	H4-07-190	3.493	1.40	0.276	3.225	0.079	6128.6	2011-08-31
H4-MO-002A_H4-MO-001	H4-MO-002A	H4-MO-001	0.681	1.39	0.269	4.176	0.396	5982.8	2011-08-31
H4-MO-004_H4-MO-002A	H4-MO-004	H4-MO-002A	0.521	1.38	0.231	4.902	0.444	5415.7	2011-08-31
H4-PA-005_H4-07-090	H4-PA-004	H4-07-090	1.442	1.44	0.382	2.661	0.265	5045.6	2011-08-31
H4-PA-005_H4-WI-013	H4-PA-005	H4-WI-013	0.925	1.47	0.110	2.338	0.118	-1253.4	2011-08-31
H4-PA-008_H4-PA-005	H4-PA-008	H4-PA-005	0.129	1.47	0.339	1.485	2.624	2839.9	2011-08-31
H4-PA-011_H4-PA-008	H4-PA-011	H4-PA-008	3.193	1.48	0.256	1.485	0.080	1909.4	2011-08-31
H4-PA-012_H4-PA-011	H4-PA-012	H4-PA-011	0.805	1.48	0.113	2.160	0.140	1210.8	2011-08-31
H4-PA-016_H4-PA-012	H4-PA-016	H4-PA-012	1.896	2.12	0.082	1.218	0.043	816.2	2011-08-31
H4-WI-001_H4-WI-004	H4-WI-001	H4-WI-004	0.401	1.50	0.066	2.343	0.165	731.8	2011-08-31
H4-WI-004_H4-WI-005	H4-WI-004	H4-WI-005	1.077	1.50	0.066	1.518	0.061	730.7	2011-08-31
H4-WI-005_H4-WI-009	H4-WI-005	H4-WI-009	1.047	1.50	0.163	1.931	0.156	1770.8	2011-08-31
H4-WI-009_H4-WI-013	H4-WI-009	H4-WI-013	1.057	1.49	0.261	2.338	0.247	2770.5	2011-08-31
H4-WI-013_H4-07-100	H4-WI-013	H4-07-100	2.223	1.46	0.353	4.230	0.159	2474.6	2011-08-31
H4-WW.2	H4-WW	OF-H4-TG2	0.000	1.05	1.599	1.324		31111.2	2011-08-31
H5_GC to H5_OF Original	H5_Inflow_Dummy	H5_Outflow_Dummy	0.000	0.77	0.090	1.579		325.2	2011-08-31
H5_GC.3	H5-SF	H5_GC	14.198	0.78	1.509	0.387	0.106	30088.3	2011-08-31
H5_TideGate.1	H5_OF	Outfall6	0.000	0.95	-0.011	1.387		0.0	2011-08-31
H5_WW.3	H5-WW	H5-SF	0.000	0.79	1.509	0.971		30196.3	2011-08-31
H5-09-444_H5-WA-440	H5-09-444	H5-WA-440	0.264	5.08	0.011	1.588	0.042	115.3	2011-08-31
H5-09-804_H4-MO-004	H5-09-804	H4-MO-004	0.020	1.49	0.015	9.327	0.755	452.2	2011-08-31
H5-10-446_H5-WA-400	H5-10-446	H5-WA-400	0.194	2.70	0.011	4.207	0.056	114.9	2011-08-31
H5-11-010_H5-11-009	H5-11-010	H5-INT-008A	1.098	1.05	0.773	2.692	0.704	25946.1	2011-08-31
H5-11-010_H5-WA-350	H5-11-010	H5-WA-350	2.626	2.19	-0.493	3.453	-0.188	-16469.4	2011-08-31
H5-11-015_H5-11-010	H5-11-015	H5-11-010	1.609	2.64	0.994	2.093	0.618	10497.0	2011-08-31
H5-11-020.1	H5-INT-008A	H5	5.173	0.84	0.773	1.465	0.149	25955.4	2011-08-31
H5-11-316_H5-WA-350	H5-11-316	H5-WA-350	1.781	2.19	0.227	1.427	0.128	2123.7	2011-08-31
H5-11-318_H5-11-316	H5-11-318	H5-11-316	0.497	2.19	0.212	2.313	0.427	1987.4	2011-08-31
H5-11-510_H5-11-009	H5-11-510	H5-11-009	17.063	1.43	0.588	1.358	0.034	8240.8	2011-08-31
H5-11-520_H5-11-510	H5-11-520	H5-11-510	3.626	1.43	0.581	1.360	0.160	8163.3	2011-08-31
H5-11-530_H5-11-520	H5-11-530	H5-11-520	0.000	1.43	0.581	1.322		8308.9	2011-08-31
H5-11-560_H5-11-530	H5-11-560	H5-11-530	10.436	1.43	0.535	1.323	0.051	6476.9	2011-08-31
H5-11-580_H5-11-560	H5-11-580	H5-11-560	6.543	1.43	0.515	1.033	0.079	5550.8	2011-08-31
H5-11-580_H6-PA-582	H5-11-580	H6-PA-582	0.437	1.57	-0.108	8.766	-0.246	-9246.0	2011-08-31
H5-11-620_H5-11-580	H5-11-620	H5-11-580	6.860	1.43	0.393	1.249	0.057	-4100.7	2011-08-31
H5-11-620_H5-WI-624	H5-11-620	H5-WI-624	0.963	1.48	-0.208	5.373	-0.216	-2243.2	2011-08-31

H5-11-630_H5-11-620	H5-11-630	H5-11-620	10.118	1.43	0.338	0.954	0.033	-6189.3	2011-08-24
H5-11-640_H5-11-630	H5-11-640	H5-11-630	4.380	1.43	0.328	1.222	0.075	-6550.7	2011-08-24
H5-11-640A_H7-SIP-006	H5-11-640A	H7-SIP-006	0.914	0.49	0.613	0.921	0.671	39497.0	2011-08-24
H5-11-650_H5-11-640	H5-11-650	H5-11-640	0.000	1.43	0.486	0.884		-4285.2	2011-08-24
H5-11-670_H5-11-650	H5-11-670	H5-11-650	1.632	1.43	0.453	1.237	0.278	-5570.2	2011-08-24
H5-11-670_H5-GR-678	H5-11-670	H5-GR-678	0.429	1.43	-0.069	3.710	-0.162	-632.4	2011-08-24
H5-11-691_H5-11-670	H5-11-691	H5-11-670	2.929	1.42	-0.487	1.747	-0.166	-7728.6	2011-08-24
H5-11-710_H5-11-691	H5-11-710	H5-11-691	3.752	1.41	-0.509	1.272	-0.136	-7939.2	2011-08-24
H5-11-720_H5-11-710	H5-11-720	H5-11-710	3.751	1.41	-0.501	1.253	-0.134	-7991.5	2011-08-24
H5-11-730_H5-11-720	H5-11-730	H5-11-720	3.001	1.41	-0.472	1.227	-0.157	-8388.2	2011-08-24
H5-11-730_H5-JE-734	H5-11-730	H5-JE-734	0.733	1.40	0.122	3.532	0.166	-227.7	2011-08-24
H5-11-750_H5-11-730	H5-11-750	H5-11-730	3.609	1.40	-0.534	2.279	-0.148	-3109.7	2011-08-24
H5-11-780_H5-11-750	H5-11-780	H5-11-750	1.090	1.39	-0.157	1.689	-0.144	-2238.8	2011-08-24
H5-11-780_H5-MO-794	H5-11-780	H5-MO-794	0.737	1.39	0.187	3.777	0.253	3391.5	2011-08-24
H5-11-788_H5-11-780	H5-11-788	H5-11-780	0.787	1.39	0.046	3.331	0.058	648.8	2011-08-24
H5-12-013_H5-HU-012	H5-12-013	H5-HU-012	7.570	1.69	0.043	1.709	0.006	1148.0	2011-08-24
H5-12-594_H5-12-599	H5-12-594	H5-12-599	0.069	1.89	0.048	2.693	0.692	511.5	2011-08-24
H5-12-599_H5-12-602	H5-12-599	H5-12-602	0.433	1.85	0.048	1.352	0.110	511.2	2011-08-24
H5-12-608_H5-12-602	H5-12-608	H5-12-602	0.093	1.79	-0.119	3.673	-1.275	-1280.9	2011-08-24
H5-12-786_H5-MO-784	H5-12-786	H5-MO-784	0.590	1.39	0.001	2.725	0.001	43.8	2011-08-24
H5-AD-698_H5-11-691	H5-AD-698	H5-11-691	0.293	1.42	0.069	3.188	0.237	30.4	2011-08-24
H5-AD-712_H5-11-710	H5-AD-712	H5-11-710	0.071	1.42	0.007	6.274	0.105	77.5	2011-08-24
H5-AD-717_H5-11-720	H5-AD-714	H5-11-720	0.051	1.41	0.044	6.139	0.857	471.6	2011-08-24
H5-AT-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.73	0.152	0.579	0.072	1490.4	2011-08-24
H5-BL-334_H5-11-318	H5-BL-334	H5-11-318	0.379	2.21	0.131	2.309	0.346	1183.3	2011-08-24
H5-BL-346_H5-BL-334	H5-BL-346	H5-BL-334	0.533	2.21	0.048	2.244	0.090	441.9	2011-08-24
H5-BL-354_H5-BL-346	H5-BL-354	H5-BL-346	0.136	2.78	0.029	2.934	0.211	309.1	2011-08-24
H5-CL-648_H5-11-640	H5-CL-648	H5-11-640	0.306	1.42	0.204	3.523	0.668	-2142.4	2011-08-24
H5-CL-662_H5-11-650	H5-CL-662	H5-11-650	0.427	1.48	0.103	3.095	0.242	1084.1	2011-08-24
H5-CP-071_H5-HU-151	H5-CP-071	H5-HU-151	1.016	6.67	0.365	0.941	0.359	3824.7	2011-08-24
H5-CP-097_H5-CP-071	H5-CP-097	H5-CP-071	1.167	7.42	0.366	0.833	0.313	3826.3	2011-08-24
H5-CP-104_H5-CP-097	H5-CP-104	H5-CP-097	0.245	14.38	0.104	1.716	0.427	1226.8	2011-08-24
H5-CP-112_H5-CP-104	H5-CP-112	H5-CP-104	0.030	14.67	0.034	0.967	1.131	473.0	2011-08-24
H5-CP-112_H5-ST-254	H5-CP-112	H5-ST-254	1.952	14.53	0.245	0.504	0.126	2414.7	2011-08-24
H5-Disharge1	H5_Outflow	H5_Outflow_Dummy	0.000	0.77	-0.001	2.496		-4.0	2011-08-24
H5-GA-001A_H6-GA-562	H6-GA-001A	H5-GA-562	0.097	2.20	0.054	0.832	0.554	222.5	2011-08-24
H5-GA-562_H5-11-560	H5-GA-562	H5-11-560	0.899	1.81	0.128	5.786	0.143	999.7	2011-08-24
H5-GR-674_H5-11-670	H5-GR-674	H5-11-670	0.674	1.43	0.078	3.028	0.116	841.9	2011-08-24
H5-GR-682_H5-GR-678	H5-GR-682	H5-GR-678	1.236	1.44	0.069	3.712	0.056	675.8	2011-08-24
H5-GR-684_H5-GR-682	H5-GR-684	H5-GR-682	2.268	1.44	0.045	1.724	0.020	441.4	2011-08-24
H5-GR-688_H5-GR-682	H5-GR-688	H5-GR-682	2.219	1.44	0.003	3.996	0.001	26.4	2011-08-24
H5-HU-007_H5-HU-012	H5-HU-007	H5-HU-012	0.369	1.58	0.123	1.709	0.333	1055.8	2011-08-24
H5-HU-007_H6-HU-001	H5-HU-007	H6-HU-001	1.277	1.58	-0.093	1.757	-0.073	-341.6	2011-08-24
H5-HU-010_H5-11-009	H5-HU-010	H5-11-009	0.293	1.44	0.252	3.006	0.859	3378.6	2011-08-24
H5-HU-012_H5-HU-010	H5-HU-012	H5-HU-010	0.638	1.54	0.238	2.118	0.374	3260.1	2011-08-24
H5-HU-015_H5-12-013	H5-HU-015	H5-12-013	0.110	2.29	0.043	0.434	0.390	1148.3	2011-08-24

H5-HU-017_H5-HU-015	H5-HU-017	H5-HU-015	0.088	2.84	0.034	0.841	0.384	368.6	2011-08-24
H5-HU-020_H5-11-015	H5-HU-020	H5-11-015	1.181	3.57	0.935	1.780	0.791	9860.0	2011-08-24
H5-HU-040_H5-HU-020	H5-HU-040	H5-HU-020	1.536	4.42	0.892	2.087	0.581	9245.1	2011-08-24
H5-HU-150A_H5-HU-151	H5-HU-150A	H5-HU-151	1.594	4.75	0.507	0.753	0.318	5191.9	2011-08-24
H5-HU-151_H5-HU-040	H5-HU-151	H5-HU-040	2.415	4.66	0.864	1.857	0.358	9013.0	2011-08-24
H5-HU-200A_H5-HU-150A	H5-HU-200A	H5-HU-150A	1.540	5.43	0.485	0.556	0.315	4878.5	2011-08-24
H5-HU-250_H5-HU-200A	H5-HU-250	H5-HU-200A	1.342	5.99	0.374	0.455	0.279	3693.0	2011-08-24
H5-HU-272_H5-HU-250	H5-HU-272	H5-HU-250	1.408	6.20	0.013	0.467	0.009	124.3	2011-08-24
H5-HW-542_H5-11-530	H5-HW-542	H5-11-530	0.161	1.95	0.151	0.758	0.942	1592.7	2011-08-24
H5-IC.1	H5-IC	11PS	2.666	0.88	0.201	3.510	0.076	14587.2	2011-08-24
H5-INT-001_H5-11-640A	H5-INT-001	H5-11-640A	1.345	0.56	0.613	0.931	0.456	40159.0	2011-08-24
H5-INT-002_H5-INT-001	H5-INT-002	H5-INT-001	2.021	0.61	0.440	1.525	0.218	25992.1	2011-08-24
H5-INT-003_H5-INT-002	H5-INT-003	H5-INT-002	0.000	0.65	0.440	1.084		26014.3	2011-08-24
H5-INT-004_H5-INT-003	H5-INT-004	H5-INT-003	1.551	5.86	0.440	0.364	0.284	26028.2	2011-08-24
H5-INT-004A_H5-INT-004	H5-INT-004A	H5-INT-004	0.982	6.44	0.440	0.617	0.448	26081.4	2011-08-24
H5-INT-004B_H5-INT-004A	H5-INT-004B	H5-INT-004A	1.220	7.12	0.440	0.570	0.361	26147.8	2011-08-24
H5-INT-005_H5-INT-004B	H5-INT-005	H5-INT-004B	0.487	7.46	0.440	0.661	0.904	26205.6	2011-08-24
H5-INT-006_H5-INT-005	H5-INT-006	H5-INT-005	0.000	7.50	0.440	0.701		26277.5	2011-08-24
H5-INT-007_H5-INT-006	H5-INT-007	H5-INT-006	0.740	7.59	0.440	0.736	0.595	26302.6	2011-08-24
H5-INT-007A_H5-INT-007	H5-INT-007A	H5-INT-007	1.246	8.11	0.440	0.711	0.353	26337.8	2011-08-24
H5-INT-008_11th St PS	H5-11-020	H5-INT-001	0.519	0.61	0.173	1.034	0.334	14525.4	2011-08-24
H5-INT-009_H5-INT-008	H5-INT-009	H5-INT-008	0.245	0.91	0.200	3.588	0.818	8610.8	2011-08-24
H5-INT-010_H5-INT-009	H5-INT-010	H5-INT-009	0.806	0.93	0.191	3.666	0.238	8605.7	2011-08-24
H5-JE-734_H5-JE-736A	H5-JE-734	H5-JE-736A	0.814	1.39	0.124	5.375	0.152	-119.6	2011-08-24
H5-JE-736A_H7-JE-007	H5-JE-736A	H7-JE-007	0.922	1.36	0.136	4.297	0.148	199.1	2011-08-24
H5-JE-742_H5-11-730	H5-JE-742	H5-11-730	0.298	1.44	-0.232	4.909	-0.778	-5770.5	2011-08-24
H5-JK-798_H5-09-804	H5-JK-798	H5-09-804	0.071	1.50	0.017	5.856	0.241	461.2	2011-08-24
H5-JK-798_H5-MO-794	H5-JK-798	H5-MO-794	0.077	1.49	0.026	7.555	0.336	79.3	2011-08-24
H5-MA-754_H5-11-750	H5-MA-754	H5-11-750	0.141	1.38	-0.216	4.526	-1.532	-445.0	2011-08-24
H5-MA-756_H5-MA-754	H5-MA-756	H5-MA-754	0.756	1.34	-0.218	5.494	-0.289	-548.8	2011-08-24
H5-MA-756A_H5-MA-756	H5-MA-756A	H5-MA-756	0.065	1.31	0.035	7.231	0.530	68.5	2011-08-24
H5-MA-762_H5-11-750	H5-MA-762	H5-11-750	1.124	1.38	-0.292	3.846	-0.260	-983.5	2011-08-24
H5-MA-762_H5-MA-768	H5-MA-764	H5-MA-768	0.098	1.30	0.052	8.024	0.531	1294.7	2011-08-24
H5-MA-768_H4-MA-001	H5-MA-768	H4-MA-001	1.262	1.31	-0.205	5.945	-0.162	1774.6	2011-08-24
H5-MO-784_H5-11-780	H5-MO-784	H5-11-780	1.034	1.39	-0.017	2.664	-0.017	211.2	2011-08-24
H5-MO-794_H4-MO-004	H5-MO-794	H4-MO-004	0.307	1.39	0.189	4.951	0.615	5061.7	2011-08-24
H5-SF.3	H5-INT-008	H5-IC	2.555	0.89	0.200	3.493	0.078	8566.2	2011-08-24
H5-SH-052_H5-HU-040	H5-SH-052	H5-HU-040	0.060	4.55	0.018	5.570	0.304	152.5	2011-08-24
H5-ST-078_H5-CP-097	H5-ST-078	H5-CP-097	0.076	8.91	0.203	4.137	2.667	1998.6	2011-08-24
H5-ST-084_H5-ST-078	H5-ST-084	H5-ST-078	0.185	12.38	0.123	5.983	0.666	1175.0	2011-08-24
H5-ST-096_H5-ST-084	H5-ST-096	H5-ST-084	0.125	21.46	0.058	1.441	0.466	567.6	2011-08-24
H5-ST-114_H5-CP-112	H5-ST-114	H5-CP-112	0.104	20.27	0.095	1.451	0.914	911.7	2011-08-24
H5-ST-116_H5-ST-114	H5-ST-116	H5-ST-114	0.118	24.20	0.064	1.517	0.542	605.0	2011-08-24
H5-ST-124_H5-CP-112	H5-ST-124	H5-CP-112	0.085	19.14	0.116	9.364	1.371	1333.9	2011-08-24
H5-ST-128_H5-ST-124	H5-ST-128	H5-ST-124	0.084	20.30	0.104	11.526	1.242	1151.5	2011-08-24

H5-ST-134_H5-ST-128	H5-ST-134	H5-ST-128	0.158	20.76	0.085	10.770	0.536	877.2	2011-08-24
H5-ST-136_H5-ST-134	H5-ST-136	H5-ST-134	0.087	21.33	0.088	11.964	1.015	877.5	2011-08-24
H5-ST-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.73	0.152	0.579	0.072	1490.4	2011-08-24
H5-ST-254_H5-ST-252	H5-ST-254	H5-ST-252	1.967	10.84	0.271	0.376	0.138	2650.6	2011-08-24
H5-WA-350_H5-WA-356	H5-WA-350	H5-WA-356	3.976	2.17	0.329	2.198	0.083	867.5	2011-08-24
H5-WA-356_H6-WA-004	H5-WA-356	H6-WA-004	0.144	2.17	-0.068	3.670	-0.475	990.4	2011-08-24
H5-WA-400_H5-WA-350	H5-WA-400	H5-WA-350	1.233	2.19	0.334	1.427	0.271	4344.4	2011-08-24
H5-WA-440_H5-WA-400	H5-WA-440	H5-WA-400	0.397	2.19	0.193	1.683	0.486	3053.7	2011-08-24
H5-WA-480_H5-WA-440	H5-WA-480	H5-WA-440	1.078	2.27	0.173	0.635	0.161	1902.2	2011-08-24
H5-WA-480A_H5-WA-480	H5-WA-480A	H5-WA-480	0.786	2.39	0.042	0.277	0.053	443.4	2011-08-24
H5-WA-490_H5-WA-480	H5-WA-490	H5-WA-480	1.124	2.30	0.065	0.277	0.058	729.2	2011-08-24
H5-WA-490A_H5-WA-490	H5-WA-490A	H5-WA-490	0.732	2.35	0.031	0.239	0.043	336.2	2011-08-24
H5-WI-606_H5-12-602	H5-WI-606	H5-12-602	0.126	1.87	0.039	2.254	0.306	425.1	2011-08-24
H5-WI-612_H5-12-608	H5-WI-612	H5-12-608	0.008	2.52	0.019	10.381	2.489	199.5	2011-08-24
H5-WI-624_H5-12-608	H5-WI-624	H5-12-608	0.219	1.63	-0.208	3.372	-0.953	-2257.1	2011-08-24
H6 REGULATOR_H5-INT-010	H6-IC	H5-INT-010	1.895	0.94	0.191	3.397	0.101	8700.0	2011-08-24
H6-14-001_H6-14-002	H6-14-001	H6-14-002	0.146	1.74	0.037	5.815	0.250	-491.3	2011-08-24
H6-14-002_H6-14-003A	H6-14-002	H6-14-003A	0.204	1.73	0.037	5.180	0.179	-496.5	2011-08-24
H6-14-003_H6-14-006	H6-14-003	H6-14-006	0.613	1.71	0.280	2.946	0.457	2823.9	2011-08-24
H6-14-003A_H6-14-003B	H6-14-003A	H6-14-003B	0.735	1.72	0.036	5.203	0.050	-502.0	2011-08-24
H6-14-003B_H6-14-003	H6-14-003B	H6-14-003	4.700	1.72	0.036	2.856	0.008	-495.0	2011-08-24
H6-14-006_H6-14-008	H6-14-006	H6-14-008	1.659	1.68	0.348	2.751	0.210	3565.1	2011-08-24
H6-14-008_H6-14-010	H6-14-008	H6-14-010	0.742	1.63	0.538	2.801	0.725	7218.6	2011-08-24
H6-14-010A_H6-14-010	H6-14-010A	H6-14-010	0.078	2.03	0.191	8.247	2.457	2691.6	2011-08-24
H6-14-010B_H6-14-010A	H6-14-010B	H6-14-010A	0.046	3.38	0.135	12.252	2.921	1701.3	2011-08-24
H6-14-010C_H6-14-010B	H6-14-010C	H6-14-010B	0.064	4.28	0.088	13.830	1.383	1338.8	2011-08-24
H6-14-020.1	H6-14-020	H6	0.230	1.34	-0.004	4.335	-0.019	-16.0	2011-08-24
H6-GA-001A_H6-GA-005	H6-GA-001A	H6-GA-005	0.161	2.24	0.055	5.546	0.344	573.1	2011-08-24
H6-GA-005_H6-GA-008	H6-GA-005	H6-GA-008	0.091	2.15	0.105	3.451	1.153	1502.6	2011-08-24
H6-GA-008_H6-14-003	H6-GA-008	H6-14-003	0.159	1.76	0.120	6.018	0.756	1711.9	2011-08-24
H6-GA-009_H6-14-003	H6-GA-009	H6-14-003	4.947	1.82	0.067	1.156	0.014	943.8	2011-08-24
H6-HU-001_H6-HU-002	H6-HU-001	H6-HU-003	0.064	1.58	-0.056	5.268	-0.882	303.1	2011-08-24
H6-HU-001A_H6-HU-001	H6-HU-001A	H6-HU-001	0.087	1.64	0.027	5.431	0.311	327.0	2011-08-24
H6-HU-003_H6-14-010	H6-HU-003	H6-14-010	0.368	1.57	0.045	5.602	0.121	556.3	2011-08-24
H6-HW-001_H6-14-006	H6-HW-001	H6-14-006	0.199	1.78	0.050	3.072	0.251	586.9	2011-08-24
H6-HW-001A_H5-HW-542	H6-HW-001A	H5-HW-542	0.207	2.31	0.005	0.937	0.023	0.5	2011-08-24
H6-HW-001A_H6-HW-001	H6-HW-001A	H6-HW-001	0.474	2.31	0.000	0.776	0.000	0.5	2011-08-24
H6-PA-001_H6-PA-002	H6-PA-001	H6-PA-002	0.125	1.22	-0.135	2.522	-1.085	-2468.1	2011-08-24
H6-PA-002_H6-PA-007	H6-PA-002	H6-PA-007	0.055	1.72	-0.065	5.745	-1.177	-1668.2	2011-08-24
H6-PA-007_H6-14-001	H6-PA-007	H6-14-001	0.101	1.76	-0.033	5.422	-0.327	-698.0	2011-08-24
H6-PA-582_H6-PA-588	H6-PA-582	H6-PA-588	0.062	2.95	-0.108	5.049	-1.752	-9249.5	2011-08-24
H6-PA-588_H6-PA-592	H6-PA-588	H6-PA-592	0.631	3.95	-0.215	6.416	-0.340	-9256.1	2011-08-24
H6-PA-592_H6-PA-001	H6-PA-592	H6-PA-001	0.068	0.93	-0.143	1.253	-2.107	-2465.8	2011-08-24
H6-WA-004_H6-WA-009	H6-WA-004	H6-WA-009	0.229	2.12	0.116	4.700	0.506	2025.7	2011-08-24
H6-WA-009_H6-WA-010	H6-WA-009	H6-WA-010	0.206	2.06	0.132	4.845	0.639	2807.7	2011-08-24
H6-WA-010_H6-14-008	H6-WA-010	H6-14-008	0.214	1.91	0.132	5.502	0.616	2802.9	2011-08-24

H6WW_Outfall8	H6-WW	H7-15-012D	0.987	1.24	0.705	2.161	0.714	9150.9	2011-08-24
H7 REGULATOR_H7-INT-001	H7-IC	H7-INT-001	2.469	0.97	0.150	3.374	0.061	7776.6	2011-08-24
H7-15_Sta0+00.1	H7-15_Sta0+00	H7-15_Sta2+42.5+	0.074	1.10	-0.006	3.085	-0.080	-13.5	2011-08-24
H7-15_Sta2+42.5+.1	H7-15_Sta2+42.5+	H7-15-150	0.075	1.10	-0.017	3.111	-0.233	-77.5	2011-08-24
H7-15-001_H7-15-002	H7-15-001	H7-15-002	4.092	1.27	-0.119	1.810	-0.029	-17.0	2011-08-24
H7-15-001_H7-MA-008	H7-15-001	H7-MA-008	0.280	1.27	0.070	2.747	0.251	-123.0	2011-08-24
H7-15-002_H7-15-003	H7-15-002	H7-15-003	5.097	1.27	0.158	1.920	0.031	1744.4	2011-08-24
H7-15-002_H7-JE-003	H7-15-002	H7-JE-003	1.585	1.27	-0.064	5.181	-0.040	79.0	2011-08-24
H7-15-003_H7-15-004	H7-15-003	H7-15-004	4.178	1.27	0.219	1.402	0.052	2101.9	2011-08-24
H7-15-003_H7-AD-003	H7-15-003	H7-AD-003	0.097	1.28	0.061	4.207	0.627	-429.5	2011-08-24
H7-15-004_H7-15-005	H7-15-004	H7-15-005	2.549	1.27	0.319	0.962	0.125	3699.4	2011-08-24
H7-15-004_H7-GR-010	H7-15-004	H7-GR-010	0.384	1.27	0.036	3.514	0.093	-189.8	2011-08-24
H7-15-005_H7-15-006	H7-15-005	H7-15-006	2.721	1.27	0.577	0.990	0.212	8016.9	2011-08-24
H7-15-005_H7-CL-010	H7-15-005	H7-CL-010	0.785	1.34	-0.212	4.647	-0.270	-3065.2	2011-08-24
H7-15-006_H7-15-007	H7-15-006	H7-15-007	1.329	1.25	0.613	2.061	0.461	8557.3	2011-08-24
H7-15-007_H7-15-008	H7-15-007	H7-15-008	1.566	1.19	0.959	1.423	0.613	13825.3	2011-08-24
H7-15-008_H7-15-009	H7-15-008	H7-15-009	0.243	1.13	0.959	0.811	3.956	13772.3	2011-08-24
H7-15-009_H7-15-012B1	H7-15-009	H7-15-012B1	4.936	1.12	1.078	0.949	0.218	15099.0	2011-08-24
H7-15-010.1	H7-15-010	H7	0.124	1.09	-0.039	4.221	-0.314	-217.0	2011-08-24
H7-15-012B_H7-15-012D	H7-15-012B	H7-15-012D	9.189	1.08	0.989	0.926	0.108	7618.0	2011-08-24
H7-15-012B1_H7-15-012B	H7-15-012B1	H7-15-012B	8.391	1.11	1.115	1.277	0.133	15145.9	2011-08-24
H7-15-100.1	H7-15-100	H7-15-010	0.056	1.08	-0.037	4.046	-0.653	-199.2	2011-08-24
H7-15-110.1	H7-15-110	H7-15-100	0.147	1.08	-0.023	3.912	-0.158	-143.1	2011-08-24
H7-15-150.1	H7-15-150	H7-15-991	0.049	1.08	-0.017	3.664	-0.353	-110.0	2011-08-24
H7-15-991.1	H7-15-991	H7-15-110	0.049	1.08	-0.019	3.698	-0.385	-130.7	2011-08-24
H7-AD-001_H7-AD-002	H7-AD-001	H7-AD-002	0.674	1.27	0.005	4.026	0.007	187.9	2011-08-24
H7-AD-002_H7-15-003	H7-AD-002	H7-15-003	0.830	1.27	-0.013	4.702	-0.016	137.9	2011-08-24
H7-AD-003_H7-AD-004	H7-AD-003	H7-AD-004	0.344	1.28	0.063	4.810	0.183	-290.2	2011-08-24
H7-AD-004_H7-AD-005	H7-AD-004	H7-AD-005	0.641	1.28	0.063	4.694	0.098	-328.4	2011-08-24
H7-AD-005_H7-AD-006	H7-AD-005	H7-AD-006	0.098	1.38	0.063	6.155	0.642	-343.0	2011-08-24
H7-AD-006_H5-AD-698	H7-AD-006	H5-AD-698	0.191	1.42	0.064	4.935	0.337	-209.9	2011-08-24
H7-CL-001_H7-CL-004	H7-CL-001	H7-CL-004	0.054	1.23	-0.065	4.908	-1.220	-996.5	2011-08-24
H7-CL-004_H7-CL-006	H7-CL-004	H7-CL-006	0.651	1.28	0.055	3.649	0.084	-10.5	2011-08-24
H7-CL-006_H7-15-005	H7-CL-006	H7-15-005	0.482	1.28	0.097	4.370	0.201	974.6	2011-08-24
H7-CL-010_H5-CL-648	H7-CL-010	H5-CL-648	0.206	1.38	0.183	4.426	0.889	-2572.3	2011-08-24
H7-GR-001_H7-GR-003	H7-GR-001	H7-GR-003	0.074	1.29	-0.057	8.364	-0.775	-825.7	2011-08-24
H7-GR-003_H7-GR-004	H7-GR-003	H7-GR-004	0.058	1.31	0.034	3.725	0.596	415.2	2011-08-24
H7-GR-004_H7-GR-005	H7-GR-004	H7-GR-005	0.739	1.29	0.075	3.224	0.101	952.1	2011-08-24
H7-GR-005_H7-GR-006	H7-GR-005	H7-GR-006	1.249	1.29	0.075	3.130	0.060	925.2	2011-08-24
H7-GR-006_H7-15-004	H7-GR-006	H7-15-004	0.239	1.28	0.114	2.796	0.477	1478.6	2011-08-24
H7-GR-010_H7-GR-013	H7-GR-010	H7-GR-013	0.084	1.41	0.036	8.511	0.426	-213.1	2011-08-24
H7-GR-013_H5-GR-674	H7-GR-013	H5-GR-674	0.559	1.43	0.037	4.946	0.067	-70.2	2011-08-24
H7-INT-001_H6-INT-002	H7-INT-001	H6-IC	0.584	0.96	0.150	3.557	0.256	7739.5	2011-08-24
H7-JE-001_H7-15-002	H7-JE-001	H7-15-002	1.178	1.29	0.147	3.620	0.125	2081.0	2011-08-24
H7-JE-003_H7-JE-004	H7-JE-003	H7-JE-004	0.424	1.27	0.064	4.531	0.152	195.9	2011-08-24
H7-JE-006_H7-JE-004	H7-JE-006	H7-JE-004	0.413	1.27	-0.064	4.196	-0.156	107.3	2011-08-24

H7-JE-007_H7-JE-006	H7-JE-007	H7-JE-006	0.090	1.31	-0.064	9.753	-0.718	130.0	2011-08-31
H7-MA-001_H7-MA-002	H7-MA-001	H7-MA-002	0.048	1.27	0.001	4.668	0.015	29.4	2011-08-31
H7-MA-002_H7-MA-004	H7-MA-002	H7-MA-004	0.044	1.27	0.003	4.731	0.068	27.1	2011-08-31
H7-MA-003_H7-MA-004	H7-MA-003	H7-MA-004	0.044	1.27	0.002	4.731	0.037	110.3	2011-08-31
H7-MA-004_H7-MA-006	H7-MA-004	H7-MA-006	0.043	1.27	0.005	5.251	0.118	131.1	2011-08-31
H7-MA-006_H7-15-001	H7-MA-006	H7-15-001	0.641	1.27	0.005	2.935	0.008	125.9	2011-08-31
H7-MA-008_H5-MA-756A	H7-MA-008	H5-MA-756A	0.036	1.31	0.028	6.186	0.785	35.3	2011-08-31
H7-PA-001_H7-PA-004	H7-PA-001	H7-PA-004	0.056	1.42	0.010	6.910	0.174	126.0	2011-08-31
H7-PA-004_H7-PA-005	H7-PA-004	H7-PA-005	0.072	1.25	0.086	2.707	1.194	897.9	2011-08-31
H7-PA-005_H7-PA-007	H7-PA-005	H7-PA-007	0.065	1.15	-0.036	4.877	-0.551	-421.2	2011-08-31
H7-PA-007B_H7-PA-007	H7-PA-007B	H7-PA-007	3.730	1.18	0.010	1.952	0.003	114.0	2011-08-31
H7-PA-011_H7-15-009	H7-PA-011	H7-15-009	0.087	1.60	0.064	5.675	0.735	990.1	2011-08-31
H7-SIP-006_H7-SIP-005	H7-SIP-006	WWTP	0.000	0.17	0.613	0.405		39475.6	2011-08-31
H7-WI-001_H7-WI-002	H7-WI-001	H7-WI-002	0.101	1.76	0.054	3.359	0.536	677.0	2011-08-31
H7-WI-002_H7-WI-003	H7-WI-002	H7-WI-003	0.274	1.75	0.069	3.272	0.253	742.4	2011-08-31
H7-WI-003_H7-WI-004	H7-WI-003	H7-WI-004	0.231	1.72	0.073	5.501	0.316	733.8	2011-08-31
H7-WI-004_H7-WI-005	H7-WI-004	H7-WI-005	0.133	1.70	0.074	3.445	0.555	726.8	2011-08-31
H7-WI-005_H7-WI-009	H7-WI-005	H7-WI-009	0.190	1.70	0.075	4.081	0.397	715.9	2011-08-31
H7-WI-007_H7-WI-009	H7-WI-007	H7-WI-009	0.065	1.81	0.035	7.142	0.547	506.5	2011-08-31
H7-WI-009_H7-15-007	H7-WI-010	H7-15-007	0.287	1.44	0.191	3.316	0.665	2804.1	2011-08-31
H7-WI-013_H7-15-007	H7-WI-013	H7-15-007	0.713	1.26	0.140	3.316	0.196	1743.2	2011-08-31
H7-WI-014A_H7-WI-014	H7-WI-014A	H7-WI-013	0.989	1.27	0.109	2.842	0.110	1289.0	2011-08-31
H7-WI-015_H7-15-006	H7-WI-015	H7-15-006	0.418	1.27	0.031	3.396	0.075	427.6	2011-08-31
H7-WI-017_H7-WI-014A	H7-WI-017	H7-WI-014A	0.827	1.28	0.094	2.844	0.113	1121.9	2011-08-31
H7-WI-017B_H7-WI-017	H7-WI-017B	H7-WI-017	0.100	1.31	0.021	4.728	0.209	257.6	2011-08-31
H7-WI-019_H7-WI-017	H7-WI-019	H7-WI-017	0.252	1.29	0.009	2.516	0.035	93.2	2011-08-31
H7-WW.1	H7-WW	H7-15-012B	0.000	1.09	-0.163	0.962		-8025.1	2011-08-31
HHA-FM_DITCH	HHA-FM	HHA-OF	0.156	7.60	0.317	23.705	2.038	6526.0	2011-08-31
HSI.1	HSI	5PS	0.309	0.94	0.058	0.294	0.188	1066.9	2011-08-31
HSI-05-002A_HSI-05-002	HSI-05-002A	HSI-05-002	0.264	5.34	0.081	2.366	0.308	928.5	2011-08-31
HSI-05-010.1	HSI-05-010	HSI	0.590	3.43	0.340	0.578	0.577	3810.2	2011-08-31
HSI-RI-001_HSI-RI-003A	HSI-RI-001	HSI-RI-003A	0.268	12.69	0.064	1.158	0.239	769.0	2011-08-31
HSI-RI-003A_HSI-RI-008	HSI-RI-003A	HSI-RI-008	0.303	11.16	0.193	1.070	0.637	2122.2	2011-08-31
HSI-RI-004A_HSI-RI-003A	HSI-RI-004A	HSI-RI-003A	0.117	13.98	0.115	1.737	0.978	1183.4	2011-08-31
HSI-RI-004AV_HSI-RI-004A	HSI-RI-004AV	HSI-RI-004A	0.000	15.11	0.082	7.072		847.2	2011-08-31
HSI-RI-004B_HSI-RI-004AV	HSI-RI-004B	HSI-RI-004AV	0.000	16.41	0.082	13.486		847.5	2011-08-31
HSI-RI-004C_HSI-RI-004B	HSI-RI-004C	HSI-RI-004B	0.000	17.36	0.036	18.173		345.6	2011-08-31
HSI-RI-004E_HSI-RI-004B	HSI-RI-004E	HSI-RI-004B	0.000	19.00	0.048	26.213		502.7	2011-08-31
HSI-RI-004H_HSI-RI-004A	HSI-RI-004H	HSI-RI-004A	0.182	15.30	0.033	2.452	0.183	336.8	2011-08-31
HSI-RI-008_HSI-05-002	HSI-RI-008	HSI-05-002	0.478	7.70	0.250	1.893	0.523	2774.5	2011-08-31
HWF-INT-012_HWF-INT-013	HWF-INT-012	5PS	1.537	0.52	0.442	2.900	0.287	25385.4	2011-08-31
HWF-INT-016A_H5-INT-007A	HWF-INT-016A	H5-INT-007A	0.267	8.71	0.440	1.048	1.650	26385.9	2011-08-31
Link_10	Node_77	Outfall8	10.635	0.96	1.694	1.616	0.159	16654.5	2011-08-31
Link_103	H4-IC	H3-INT-007	2.656	0.54	0.218	2.906	0.082	11068.4	2011-08-31
Link_11	H6-14-010	H6	1.117	1.49	0.751	2.094	0.672	10311.3	2011-08-31

Link_110	HSI-OF	HWF-INT-016	5.961	1.06	0.282	0.891	0.047	2742.5	2011-08-24
Link_112	Node_32	Node_61	2.333	1.06	0.311	1.013	0.133	2953.6	2011-08-24
Link_113	Node_45	Node_64	149.390	1.03	5.921	0.311	0.040	78247.5	2011-08-24
Link_115	Node_62	Node_40	777.648	0.96	5.921	0.315	0.008	76234.8	2011-08-24
Link_116	Node_66	Node_39	483.665	0.95	0.603	0.989	0.001	13538.3	2011-08-24
Link_12	Node_75	Node_10	3.277	0.96	0.172	3.635	0.053	2044.5	2011-08-24
Link_120	H5_GC	H5_Inflow_Dummy	0.000	0.78	1.509	1.586		29929.6	2011-08-24
Link_121	H5_Outflow_Dummy	H5_OF	0.000	0.77	0.038	1.579		136.5	2011-08-24
Link_128	H7-PA-005	Node_74	2.723	0.97	0.172	2.669	0.063	2044.5	2011-08-24
Link_131	H7-15-012D	Node_76	12.682	1.03	1.694	1.462	0.134	16665.4	2011-08-24
Link_133	14VO-14-007	Node_78	0.417	1.39	0.271	1.204	0.651	3483.7	2011-08-24
Link_135	Node_80	5	0.000	0.96	2.286	1.011		18076.1	2011-08-24
Link_137	Outfall3Gate2	Outfall3	2.174	0.97	0.902	2.197	0.415	10823.2	2011-08-24
Link_138	OF-H1-V2	HWF-OB-001	0.603	0.95	0.000	2.105	0.000	0.0	2011-08-24
Link_139	H4-PA-004	H4-PA-005	1.720	1.45	-0.382	2.057	-0.222	-5081.5	2011-08-24
Link_140	H1-HA-130	PR_DH_MH1	0.559	1.17	-0.092	1.861	-0.164	-1210.4	2011-08-24
Link_143	RG-3	H2-WA-005A	1.342	5.00	0.000	0.103	0.000	7.8	2011-08-24
Link_166	HHA-OF	Node_92	10.895	2.71	0.415	0.271	0.038	6448.0	2011-08-24
Link_167	Node_92	Node_34	18.012	2.57	1.193	0.537	0.066	16204.7	2011-08-24
Link_168	H1-OB-122A	MH-T7-OBS	1.169	1.12	0.530	2.977	0.454	-903.3	2011-08-24
Link_170	H1-OB-101	MH-T5-OBS	0.357	1.17	0.173	3.450	0.485	5260.3	2011-08-24
Link_171	T5-OBS_A	MH-T5-OBS	0.106	1.11	-0.106	8.371	-1.008	74.4	2011-08-24
Link_173	H1-OB-080A	H1-OB-077	3.082	1.13	1.584	2.327	0.514	49892.6	2011-08-24
Link_175	MH-T6-NEW	H1-NE-029A	1.182	1.16	0.189	3.023	0.160	6264.2	2011-08-24
Link_177	H1-JA-034	MH-T2-2STB	1.267	1.13	0.323	4.851	0.255	4022.0	2011-08-24
Link_183	Node_118	T2-4ST	0.000	1.27	0.000	1.092		0.0	2011-08-24
Link_203	H4-JA-002	MH-T5-5STB	6.157	1.12	0.101	2.544	0.016	494.2	2011-08-24
Link_241	H5-MA-762	H5-MA-764	0.098	1.32	0.102	5.361	1.035	1447.6	2011-08-24
Link_246	H1-MA-048	H1-MA-044	0.530	1.23	0.167	3.284	0.316	2188.5	2011-08-24
Link_257	H1-JE-023	H1-01-080	0.121	1.21	0.412	1.812	3.412	12839.6	2011-08-24
Link_260	H5-AD-717	H5-AD-714	0.051	1.47	0.034	5.990	0.661	439.0	2011-08-24
Link_263	H4-AD-002	H4-AD-010	0.704	1.42	0.060	2.337	0.085	596.9	2011-08-24
Link_266	H1-AD-048	H1-AD-043	0.585	1.32	0.191	2.714	0.327	2187.8	2011-08-24
Link_272	H4-GR-009	H4-GR-008	1.125	1.41	0.060	1.732	0.054	655.2	2011-08-24
Link_277	H1-GR-046	H1-GR-038	0.504	1.33	0.135	2.711	0.268	1359.7	2011-08-24
Link_294	H3-05-090	H3-WI-015	0.881	1.39	0.303	3.714	0.345	5626.1	2011-08-24
Link_296	H7-WI-009	H7-WI-010	0.287	1.59	0.200	2.799	0.697	2723.3	2011-08-24
Link_300	H4-CL-018	H4-CL-020	0.091	1.52	0.070	4.192	0.767	781.4	2011-08-24
Link_307	H1-GA-017	H1-GA-012	1.135	1.11	0.706	1.826	0.622	19041.0	2011-08-24
Link_312	Node_91	HHA-OF	10.895	2.72	0.099	0.125	0.009	-6.3	2011-08-24
Link_314	T7-OBS	T7OBS-Weir-Dummy	0.000	1.12	-0.074	1.430		52.9	2011-08-24
Link_34	Node_30	Node_31	19.937	1.09	-0.016	0.183	-0.001	-100.6	2011-08-24
Link_35	Node_61	Node_33	2.333	1.06	0.311	0.613	0.133	2758.7	2011-08-24
Link_36	Node_67	Node_32	0.469	1.04	0.129	3.350	0.274	1321.4	2011-08-24
Link_38	Node_31	Node_35	0.253	1.17	-0.095	1.028	-0.376	-1121.7	2011-08-24
Link_382	NJT-OVERFLOW	Node_37	0.830	1.13	0.603	0.518	0.726	14330.2	2011-08-24

Link_39	Node_35	Node_36	0.820	2.03	-0.385	0.468	-0.470	-1761.0	2011-08-24
Link_4	H2-OF	Outfall3Gate1	1.429	1.26	0.902	2.415	0.631	10854.0	2011-08-24
Link_40	Node_36	NJT-OVERFLOW	0.843	1.47	0.602	0.615	0.714	14344.8	2011-08-24
Link_41	Node_37	Node_38	9.091	1.01	0.603	2.197	0.066	13931.0	2011-08-24
Link_43	Node_32	Node_31	5.051	1.08	-0.141	0.238	-0.028	-1478.6	2011-08-24
Link_44	Node_38	Node_65	850.000	1.00	0.603	0.873	0.001	13777.7	2011-08-24
Link_45	Node_34	Node_36	3.917	1.65	0.984	0.785	0.251	16175.9	2011-08-24
Link_48	Node_33	Node_43	39.108	1.05	0.337	0.410	0.009	3060.7	2011-08-24
Link_49	Node_43	Node_44	56.902	1.05	0.336	0.484	0.006	2872.4	2011-08-24
Link_50	Node_44	Node_45	107.686	1.04	-0.462	0.570	-0.004	2964.6	2011-08-24
Link_6	H3-RI-006	H3-INT-003A	15.996	1.10	0.858	2.069	0.054	6612.6	2011-08-24
Link_8	HSI-05-002	HSI-05-010	0.339	3.87	0.340	0.915	1.003	3810.4	2011-08-24
Link_9	H5-11-009	H5	1.145	0.93	0.711	3.205	0.621	11574.9	2011-08-24
New2	H2-IC	H2-INT-007	3.413	1.05	0.186	2.684	0.054	4434.6	2011-08-24
New3	HWF-INT-016	OF-H4-TG2	5.961	1.05	0.282	1.302	0.047	2697.9	2011-08-24
OF-H4-TG2.1	OF-H4-TG2	outfall5-tg	3.415	1.03	2.286	1.534	0.670	18106.5	2011-08-24
RG-1_H2-03-020	RG-1	H2-03-020	0.600	2.19	-0.066	1.304	-0.110	-107.0	2011-08-24
RG-10_H5-WA-440	RG-10	H5-WA-440	0.915	2.14	-0.108	2.603	-0.118	104.6	2011-08-24
RG-11_H5-WA-400	RG-11	H5-WA-400	0.944	2.17	-0.114	2.783	-0.120	128.8	2011-08-24
RG-12_H5-WA-400	RG-12	H5-WA-400	0.944	2.16	-0.101	2.783	-0.107	118.8	2011-08-24
RG-13_H5-WA-350	RG-13	H5-WA-350	0.949	2.02	-0.200	3.483	-0.210	135.2	2011-08-24
RG-14_H5-WA-356	RG-14	H5-WA-356	0.954	1.96	-0.281	3.254	-0.295	69.8	2011-08-24
RG-15_H6-WA-004	RG-15	H6-WA-004	0.900	2.09	0.116	2.867	0.129	141.4	2011-08-24
RG-2_H2-WA-005A	RG2	H2-WA-005A	1.342	5.01	0.001	0.103	0.001	48.9	2011-08-24
RG-4_H2-WA-007	RG-4	H2-WA-007	1.643	6.51	0.001	0.018	0.000	8.8	2011-08-24
RG-5_H2-WA-009	RG-5	H2-WA-009	1.375	6.51	0.002	0.470	0.001	68.8	2011-08-24
RG-6_H2-WA-011	RG-6	H2-WA-011	1.342	7.00	0.000	0.011	0.000	9.2	2011-08-24
RG-7_H5-WA-490	RG-7	H5-WA-490	0.915	3.17	0.018	0.222	0.020	200.8	2011-08-24
RG-8_H5-WA-480	RG-8	H5-WA-480	0.915	3.05	0.010	0.463	0.011	130.7	2011-08-24
RG-9_H5-WA-440	RG-9	H5-WA-440	0.977	2.19	-0.031	2.702	-0.032	124.1	2011-08-24
T10-MAD_A_H5-MA-764	T10-MAD_A	H5-MA-764	0.100	1.20	-0.100	8.572	-1.008	-145.8	2011-08-24
T10-MAD-DUMMY	T10-MAD-DUMMY	T10-MAD	0.000	1.20	0.000	3.302		0.0	2011-08-24
T11-MAD_A_H5-MA-768	T11-MAD_A	H5-MA-768	0.079	1.28	-0.127	10.039	-1.619	19.9	2011-08-24
T11-MAD-DUMMY	T11-MAD-DUMMY	T11-MAD	0.000	1.28	0.000	2.497		0.0	2011-08-24
T15-MAD_A_H1-MA-044	T15-MAD_A	H1-MA-044	0.086	1.23	-0.071	7.933	-0.821	41.5	2011-08-24
T15-MAD-DUMMY	T15-MAD-DUMMY	T15-MAD	0.000	1.70	0.000	0.005		0.0	2011-08-24
T16-MAD_A_H1-MA-041	T16-MAD_A	H1-MA-041	0.079	1.22	-0.055	7.832	-0.700	34.0	2011-08-24
T16-MAD-DUMMY	T16-MAD-DUMMY	T16-MAD	0.000	1.44	0.000	0.005		0.0	2011-08-24
T1-7ST_A_H4-07-190	T1-7ST_A	H4-07-190	0.079	1.29	-0.098	7.884	-1.250	22.6	2011-08-24
T1-7ST-DUMMY	T1-7ST-DUMMY	T1-7ST	0.000	1.40	0.000	0.005		0.0	2011-08-24
T1-7ST-WEIR-DUMMY	T1-7ST	T1-7ST-WEIR-DUMMY	0.000	1.28	-0.098	1.398		35.6	2011-08-24
T1-GAR_A_H4-04-008	T1-GAR_A	H4-04-008	0.093	1.26	0.009	6.032	0.099	50.3	2011-08-24
T1-GAR-DUMMY	T1-GAR-DUMMY	T1-GAR	0.000	2.40	0.000	0.005		0.0	2011-08-24
T1-HAR_A_H4-HA-003	T1-HAR_A	H4-HA-003	0.079	1.40	-0.085	6.428	-1.081	88.6	2011-08-24
T1-HAR-DUMMY	T1-HAR-DUMMY	T1-HAR	0.000	1.40	0.000	0.029		0.0	2011-08-24
T1-NEW_A_H1-NE-003	T1-NEW_A	H1-NE-003	0.035	1.02	-0.145	7.286	-4.106	33.8	2011-08-24

T1-NEW-DUMMY	T1-NEW-DUMMY	T1-NEW	0.000	1.02	0.000	1.439		0.0	2011-08-31
T1-NEW-WEIR-DUMMY	T1-NEW	T1-NEW-WEIR-DUMMY	0.000	1.02	-0.144	1.427		47.5	2011-08-31
T2-2ST_A_MH-T2-2STB	T2-2ST_A	MH-T2-2STB	0.149	1.13	-0.094	11.057	-0.632	11.2	2011-08-31
T2-2ST-DUMMY	T2-2ST-DUMMY	T2-2ST	0.000	1.13	0.000	0.199		0.0	2011-08-31
T2-2ST-WEIR-DUMMY	T2-2ST	T2-2ST-WEIR-DUMMY	0.000	1.13	-0.094	1.309		37.1	2011-08-31
T2-4ST_A_H1-CL-036	T2-4ST_A	H1-CL-036	0.152	1.27	-0.080	6.940	-0.529	76.6	2011-08-31
T2-5ST_A_H1-AD-042	T2-5ST_A	H1-AD-042	0.153	1.29	-0.059	6.875	-0.383	49.5	2011-08-31
T2-5ST-DUMMY	T2-5ST-DUMMY	T2-5ST	0.000	1.50	0.000	0.005		0.0	2011-08-31
T2-6ST_A_H1-JE-050	T2-6ST_A	H1-JE-050	0.186	1.23	-0.083	7.298	-0.446	46.5	2011-08-31
T2-6ST-DUMMY	T2-6ST-DUMMY	T2-6ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T2-7ST_A_H4-07-200	T2-7ST_A	H4-07-200	0.086	1.40	-0.098	8.172	-1.142	4.4	2011-08-31
T2-7ST-DUMMY	T2-7ST-DUMMY	T2-7ST	0.000	1.80	0.000	0.005		0.0	2011-08-31
T2-BLM_A_H4-04-007	T2-BLM_A	H1-BL-037	0.079	2.41	0.010	5.197	0.121	79.3	2011-08-31
T2-BLM-DUMMY	T2-BLM-DUMMY	T2-BLM	0.000	3.50	0.000	0.005		0.0	2011-08-31
T2-JAC_A_H4-JA-006	T2-JAC_A	H4-JA-006	0.079	1.37	-0.078	6.430	-0.994	49.5	2011-08-31
T2-JAC-DUMMY	T2-JAC-DUMMY	T2-JAC	0.000	1.40	0.000	0.005		0.0	2011-08-31
T2-MON_A_H5-MO-794	T2-MON_A	H5-MO-794	0.086	1.37	-0.103	7.584	-1.190	61.2	2011-08-31
T2-MON-DUMMY	T2-MON-DUMMY	T2-MON	0.000	1.37	0.000	1.727		0.0	2011-08-31
T3-3ST_A_H1-03-170	T3-3ST_A	H1-03-170	0.079	1.15	-0.118	9.589	-1.494	24.9	2011-08-31
T3-3ST-DUMMY	T3-3ST-DUMMY	T3-3ST	0.000	1.15	0.000	1.003		0.0	2011-08-31
T3-3ST-WEIR-DUMMY	T3-3ST	T3-3ST-WEIR-DUMMY	0.000	1.15	-0.117	1.450		42.3	2011-08-31
T3-4ST_A_H1-AD-039	T3-4ST_A	H1-AD-039	0.122	1.28	-0.068	7.009	-0.559	47.6	2011-08-31
T3-4ST-DUMMY	T3-4ST-DUMMY	T3-4ST	0.000	1.32	0.000	0.005		0.0	2011-08-31
T3-6ST_A_H1-MA-048	T3-6ST_A	H1-MA-048	0.172	1.22	-0.065	8.078	-0.378	5.2	2011-08-31
T3-6ST-DUMMY	T3-6ST-DUMMY	T3-6ST	0.000	1.40	0.000	0.005		0.0	2011-08-31
T3-ADM_A_H5-AD-714	T3-ADM_A	H5-AD-714	0.086	1.38	-0.053	6.815	-0.612	36.7	2011-08-31
T3-ADM-DUMMY	T3-ADM-DUMMY	T3-ADM	0.000	1.55	0.000	0.005		0.0	2011-08-31
T3-GND-DUMMY	T3-GND-DUMMY	T3-GND	0.000	1.83	0.000	0.005		0.0	2011-08-31
T3-JAC_A_H4-JA-004	T3-JAC_A	H4-JA-004	0.093	1.25	-0.133	8.807	-1.424	29.5	2011-08-31
T3-JAC-DUMMY	T3-JAC-DUMMY	T3-JAC	0.000	1.25	0.000	0.794		0.0	2011-08-31
T3-OBS_A_H1-OB-080A	T3-OBS_A	H1-OB-080A	0.109	1.10	-0.073	6.954	-0.671	239.2	2011-08-31
T3-OBS-DUMMY	T3-OBS-DUMMY	T3-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
T3-OBS-WEIR-DUMMY	T3-OBS	T3-BS-WEIR-DUMMY	0.000	1.10	-0.073	1.466		247.9	2011-08-31
T4-4ST_A_H1-MA-038	T4-4ST_A	H1-MA-038	0.130	1.12	-0.118	12.044	-0.906	-3.6	2011-08-31
T4-4ST-DUMMY	T4-4ST-DUMMY	T4-4ST	0.000	1.12	0.000	1.255		0.0	2011-08-31
T4-5ST_A_H1-MA-041	T4-5ST_A	H1-MA-041	0.145	1.18	-0.085	8.070	-0.587	34.0	2011-08-31
T4-5ST-DUMMY	T4-5ST-DUMMY	T4-5ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T4-6ST_A_H1-MO-057	T4-6ST_A	H1-MO-057	0.141	1.16	-0.114	12.001	-0.807	-39.6	2011-08-31
T4-6ST-DUMMY	T4-6ST-DUMMY	T4-6ST	0.000	1.16	0.000	0.187		0.0	2011-08-31
T4-GND_A_H4-GR-008	T4-GND_A	H4-GR-008	0.086	1.40	0.067	5.329	0.780	48.8	2011-08-31
T4-GND-DUMMY	T4-GND-DUMMY	T4-GND	0.000	1.72	0.000	0.005		0.0	2011-08-31
T5-5ST_A_H1-JA-046	T5-5ST_A	MH-T5-5STB	0.141	1.12	-0.084	10.319	-0.599	73.7	2011-08-31
T5-5ST-DUMMY	T5-5ST-DUMMY	T5-5ST	0.000	1.12	0.000	0.430		0.0	2011-08-31
T5-9ST_A_H4-GR-012	T5-9ST_A	H4-GR-012	0.149	1.42	-0.074	7.578	-0.498	21.2	2011-08-31
T5-9ST-DUMMY	T5-9ST-DUMMY	T5-9ST	0.000	1.83	0.000	0.005		0.0	2011-08-31

T5-GND_A_H1-GR-054	T5-GND_A	H1-GR-054	0.079	1.31	-0.069	8.433	-0.881	44.6	2011-08-24
T5-GND-DUMMY	T5-GND-DUMMY	T5-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T5-JAC_A_H1-JA-043	T5-JAC_A	H1-JA-043	0.100	1.10	-0.121	11.214	-1.217	66.3	2011-08-24
T5-JAC-DUMMY	T5-JAC-DUMMY	T5-JAC	0.000	1.10	0.000	2.286		0.0	2011-08-24
T5-JEF_A_H5-11-730	T5-JEF_A	H5-11-730	0.078	1.40	0.052	7.787	0.664	30.7	2011-08-24
T5-JEF-DUMMY	T5-JEF-DUMMY	T5-JEF	0.000	1.70	0.000	0.005		0.0	2011-08-24
T5-OBS-DUMMY	T5-OBS-DUMMY	T5-OBS	0.006	1.11	0.000	0.733	-0.006	0.0	2011-08-24
T5-OBS-WEIR-DUMMY	T5-OBS	T5-OBS-WEIR-DUMMY	0.000	1.11	-0.106	1.469		86.8	2011-08-24
T6-4ST_A_H1-HA-141	T6-4ST_A	H1-HA-141	0.035	1.11	-0.074	5.298	-2.094	56.0	2011-08-24
T6-4ST_DUMMY	T6-4ST-DUMMY	T6-4ST	0.000	1.11	0.000	0.098		0.0	2011-08-24
T6-5ST_A_H1-MO-047	T6-5ST_A	H1-MO-047	0.153	1.16	-0.095	12.204	-0.621	-17.2	2011-08-24
T6-5ST-DUMMY	T6-5ST-DUMMY	T6-5ST	0.000	1.16	0.000	0.121		0.0	2011-08-24
T6-ADM_A_H4-AD-010	T6-ADM_A	H4-AD-010	0.085	1.42	0.060	5.583	0.708	126.3	2011-08-24
T6-ADM-DUMMY	T6-ADM-DUMMY	T6-ADM	0.000	1.63	0.000	0.005		0.0	2011-08-24
T6-GND_A_H1-GR-045	T6-GND_A	H1-GR-046	0.101	1.32	0.048	6.824	0.479	61.0	2011-08-24
T6-GND-DUMMY	T6-GND-DUMMY	T6-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T6-JEF_A_H5-JE-742	T6-JEF_A	H5-JE-742	0.070	1.43	0.071	7.455	1.011	99.7	2011-08-24
T6-JEF-DUMMY	T6-JEF-DUMMY	T6-JEF	0.000	1.60	0.000	0.005		0.0	2011-08-24
T6-MON_A_H4-MO-001	T6-MON_A	H4-MO-001	0.093	1.33	-0.087	8.873	-0.933	77.0	2011-08-24
T6-MON-DUMMY	T6-MON-DUMMY	T6-MON	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW_A_MH-T6-NEW	T6-NEW_A	MH-T6-NEW	0.090	1.16	-0.038	6.053	-0.424	101.5	2011-08-24
T6-NEW-DUMMY	T6-NEW-DUMMY	T6-NEW	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW-WEIR-DUMMY	T6-NEW	T6-NEW-WEIR-DUMMY	0.000	1.16	-0.038	1.297		109.6	2011-08-24
T7-5ST_A_MH-T5-TSTB	T7-5ST_A	MH-T5-5STB	0.145	1.12	-0.090	10.319	-0.617	-46.5	2011-08-24
T7-5ST-DUMMY	T7-5ST-DUMMY	T7-5ST	0.000	1.12	0.000	0.430		0.0	2011-08-24
T7-JEF_A_H1-JE-031	T7-JEF_A	H1-JE-031	0.070	1.15	-0.115	8.749	-1.634	53.7	2011-08-24
T7-JEF-DUMMY	T7-JEF-DUMMY	T7-JEF	0.000	1.15	0.000	0.635		0.0	2011-08-24
T7-JEF-WEIR-DUMMY	T7-JEF	T7-JEF-WEIR-DUMMY	0.000	1.15	-0.115	1.436		68.6	2011-08-24
T7-MON_A_H1-MO-062	T7-MON_A	H1-MO-062	0.086	1.17	-0.096	9.400	-1.109	40.5	2011-08-24
T7-MON-DUMMY	T7-MON-DUMMY	T7-MON	0.000	1.22	0.000	0.005		0.0	2011-08-24
T7-OBS_MH-T7-OBS	T7-OBS_A	MH-T7-OBS	0.110	1.12	-0.074	6.759	-0.676	44.5	2011-08-24
T7-OBS-DUMMY	T7-OBS-DUMMY	T7-OBS	0.000	1.20	0.000	0.005		0.0	2011-08-24
T8=ADM=DUMMY	T8-ADM-DUMMY	T8-ADM	0.000	1.50	0.000	0.005		0.0	2011-08-24
T8-ADM_A_H1-AD-043	T8-ADM_A	H1-AD-043	0.091	1.30	-0.054	6.970	-0.588	152.7	2011-08-24
T8-JEF_A_H1-JE-023	T8-JEF_A	H1-JE-023	0.086	1.15	-0.087	6.831	-1.011	74.4	2011-08-24
T8-JEF-DUMMY	T8-JEF-DUMMY	T8-JEF	0.000	1.20	0.000	0.005		0.0	2011-08-24
T8-JEF-WEIR-DUMMY	T8-JEF	T8-JEF-WEIR-DUMMY	0.000	1.15	-0.087	1.473		82.7	2011-08-24
T8-MAD_A_H5-11-750	T8-MAD_A	H5-11-750	0.100	1.36	-0.081	7.485	-0.818	29.8	2011-08-24
T8-MAD-DUMMY	T8-MAD-DUMMY	T8-MAD	0.000	1.36	0.000	0.424		0.0	2011-08-24
T9-ADM_A_H1-AD-035	T9-ADM_A	H1-03-140	0.070	1.16	-0.109	9.743	-1.545	133.1	2011-08-24
T9-ADM-DUMMY	T9-ADM-DUMMY	T9-ADM	0.000	1.16	0.000	0.720		0.0	2011-08-24
T9-MAD_A_H5-11-750	T9-MAD_A	H5-11-750	0.088	1.35	-0.082	7.447	-0.937	37.2	2011-08-24
T9-MAD-DUMMY	T9-MAD-DUMMY	T9-MAD	0.000	1.34	0.000	0.287		0.0	2011-08-24
TD12-13ST_A_H5-CL-648	TD12-13ST_A	H5-CL-648	0.149	1.39	-0.050	7.799	-0.338	2.3	2011-08-24
TD12-13ST-DUMMY	TD12-13ST-DUMMY	TD12-13ST	0.000	2.03	0.000	0.005		0.0	2011-08-24
TD14-CLA_A_H1-CL-036	TD14-CLA_A	H1-CL-036	0.035	1.25	-0.076	6.900	-2.149	38.9	2011-08-24

TD14-CLA-DUMMY	TD14-CLA-DUMMY	TD14-CLA	0.000	1.33	0.000	0.005		0.0	2011-08-31
TD1-4ST_A_H1-CL-036	TD1-4ST_A	H1-CL-036	0.145	1.27	-0.083	6.946	-0.571	18.2	2011-08-31
TD1-4ST-DUMMY	TD1-4ST-DUMMY	TD1-4ST	0.000	1.27	0.000	0.261		0.0	2011-08-31
TD1-WIL_A_H3-WI-022	TD1-WIL_A	H3-WI-022	0.079	1.33	0.064	6.455	0.807	42.2	2011-08-31
TD1-WIL-DUMMY	TD1-WIL-DUMMY	TD1-WIL	0.000	1.54	0.000	0.005		0.0	2011-08-31
TD23-CLA_A_H3-CL-007	TD23-CLA_A	H3-CL-007	0.050	1.39	0.072	6.278	1.443	55.9	2011-08-31
TD23-CLA-DUMMY	TD23-CLA-DUMMY	TD23-CLA	0.000	1.60	0.000	0.005		0.0	2011-08-31
TD25-WIL_A_H7-WI-009	TD6-WIL_A	H3-WI-015	0.079	1.35	0.059	6.290	0.753	42.1	2011-08-31
TD25-WIL_A_H7-WI-010	TD25-WIL_A	H7-WI-010	0.086	1.47	0.083	5.956	0.967	103.1	2011-08-31
TD25-WIL-DUMMY	TD25-WIL-DUMMY	TD25-WIL	0.000	1.60	0.000	0.005		0.0	2011-08-31
TD30-CLA_A_H4-CL-020	TD30-CLA_A	H4-CL-020	0.103	1.50	0.067	5.263	0.657	44.6	2011-08-31
TD30-CLA-DUMMY	TD30-CLA-DUMMY	TD30-CLA	0.000	1.85	0.000	0.005		0.0	2011-08-31
TD31-CLA_A_H5-CL-662	TD31-CLA_A	H5-CL-662	0.086	1.49	0.006	3.426	0.075	41.8	2011-08-31
TD31-CLA-DUMMY	TD31-CLA-DUMMY	TD31-CLA	0.000	2.89	0.000	0.005		0.0	2011-08-31
TD4-OBS_A_H1-OB-071	TD4-OBS_A	H1-OB-071	0.110	1.04	-0.061	9.222	-0.559	11.6	2011-08-31
TD4-OBS-DUMMY	TD4-OBS-DUMMY	TD4-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
TD4-OBS-WEIR-DUMMY	TD4-OBS	TD4-OBS-WEIR-DUMMY	0.000	1.03	-0.060	1.244		31.6	2011-08-31
TD6-WIL-DUMMY	TD6-WIL-DUMMY	TD6-WIL	0.000	1.53	0.000	0.005		0.0	2011-08-31
TD8-GAR_A_H1-GA-012	TD8-GAR_A	H1-GA-012	0.086	1.03	0.053	7.298	0.617	75.2	2011-08-31
TD8-GAR-DUMMY	TD8-GAR-DUMMY	TD8-GAR	0.000	1.20	0.000	0.005		0.0	2011-08-31
TD8-GAR-WEIR-DUMMY	TD8-GAR	TD8-GAR-WEIR-DUMMY	0.000	1.03	0.053	1.418		85.8	2011-08-31

MIKE URBAN Hydraulic Results

Proposed DSD Alternatives: 50-Year Rainfall Event at High Tide

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File Overview

Working dir :	C:\Projects\50074974\MIKEURBAN\ProposedAlternatives\	-
Sewer network data (UND) :	2D_Prop_HT_50yrProposedAlt.MEX	7/21/2016 11:04:00 PM
Hydrological data (HGF) :	2D_Prop_HT_50yrProposedAlt.MEX	7/21/2016 11:04:00 PM
Additional parameters file (ADP) :	-	-
Dry weather flow data (DWF) :	2D_Prop_HT_50yrProposedAlt.MEX	7/21/2016 11:04:00 PM
Repetitive profile data (RPF) :	-	-
Runoff Hydrographs (CRF) :	RO_Prop_50yr_2ProposedAlt.CRF	7/19/2016 1:23:06 PM
Hotstart file (PRF) :	-	-
Result File (PRF) :	2D_Prop_HT_50yrProposedAlt.PRF	7/21/2016 11:04:10 PM
Reduced result file (PRF) :	-	-

Time Overview

Simulation start date :	2011-08-27 09:00:00	Calculation started :	2016-07-21 23:04:09
Simulation end date :	2011-08-28 08:59:59	Calculation ended :	2016-07-22 06:08:47
Save time step [hh:mm:ss] :	0:10:00	Calculation time [hh:mm:ss] :	7:04:38
Maximum time step [sec] :	0.65	Hotstart start date :	-
Minimum time step [sec] :	0.65		

Input Summary

Number of Manholes:	845
Number of Basins:	96
Number of Outlets:	10
Number of Storage Nodes:	0
Number of Circular Pipes:	568
Number of Rectangular pipes:	325
Number of CRS defined pipes:	3
Number of Pumps:	8
Number of Controlled Pumps:	0
Number of Weirs/Orifices:	97
Number of Controlled Weirs/Gates:	0
Number of Valves:	0
Number of Controlled Valves:	0

Nodes

Min Invert Level	WWTP	-100.00 m
Max Invert Level	14VO-MA-001B	44.59 m
Min Ground Level	H1-WW	0.00 m
Max Ground Level	14VO-02-001D	45.78 m
Min X Coordinate	Node_45	5.8064E05 m
Max X Coordinate	Node_79	5.8258E05 m
Min Y Coordinate	Node_62	4.5097E06 m
Max Y Coordinate	H7-GR-001	4.5124E06 m
Total Manhole Volume		5842.0 m3
Total Basin Volume		842947.9 m3

Links

Total Circular Volume	71155.2 m3
Total CRS Volume	88166.1 m3
Total Length	77726.00 m

Simulation Result Summary

Continuity Balance

1 : Start volume in Pipes, Manholes and Structures	883274.7 m3
2 : End volume in Pipes, Manholes and Structures	1029002.2 m3
3 : Total inflow volume	
Specified inflows	
Runoff :	510732.8 m3
DWF :	2053.4 m3
Non-specified inflows	
Outlets (inflow) :	78.9 m3
Inflow from 2D overland :	42929.0 m3
	555794.0 m3 --> 555794.0 m3
4 : Total diverted volume	
Operational, non-specified outflows	
Outlets :	210589.5 m3
Pumps :	173104.3 m3
Flow to 2D overland :	43870.5 m3
	427564.3 m3 --> 427564.3 m3
5 : Water generated in empty parts of the system :	883.6 m3
6 : Continuity Balance = (2-1) - (3-4+5) :	16614.2 m3
Continuity Balance max value :	16614.2 m3
Continuity Balance min value :	0.0 m3

2D overland**Inflows from 2D overland**

Manholes/basins:	42929.0 m3
Outlets:	0.0 m3
Total:	42929.0 m3

Outflows to 2D overland

Manholes/basins:	43870.5 m3
Pumps:	0.0 m3
Weirs:	0.0 m3
Outlets:	0.0 m3
Diverted Runoff:	20048.5 m3
Total:	63919.0 m3

Boundary Connections

Outlet levels

Boundary Condition ID	Location	Temporal variation	Value/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
							m	m
BC_38	HWF-14-001A	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_39	5	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_40	Node_40	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_41	Node_39	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_42	Node_10	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_43	Outfall8	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_44	Outfall6	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_45	Outfall3	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_46	HWF-OB-001	Constant	0.95	Unlimited	-	-	0.95	0.95

Network loads (discharges)

Boundary Condition ID	Type	Load Type	Connection Type	Location	Temporal variation	Value/pattern/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
										m3/s	
Block12_Basin 2	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin1	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin3	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
CityHall	Discharge	Storm Runoff	Individual	H1-BL-016	Time Series	CityHall_Outflow.dfs0	Unlimited	-	-	0.000	0.000
HWF-10	Discharge	DWF	Individual	H2-01-002	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-11	Discharge	DWF	Individual	H3-RI-001	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-12	Discharge	DWF	Individual	H2-HP-001A	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-13	Discharge	DWF	Individual	H2-HP-001A	Constant	0.003	Unlimited	-	-	0.003	0.003
HWF-5	Discharge	DWF	Individual	H5-HU-015	Constant	0.009	Unlimited	-	-	0.009	0.009
HWF-6	Discharge	DWF	Individual	H5-HU-020	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-7	Discharge	DWF	Individual	H3-RI-006	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-8	Discharge	DWF	Individual	H3-RI-003	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-9	Discharge	DWF	Individual	H2-RI-004	Constant	0.001	Unlimited	-	-	0.001	0.001
Total :											

Network loads (discharges), summary by Load type

Load Type	Accumulated Value
	m3
Storm Runoff	384.1
DWF	2053.4
Total :	2437.5

Network loads (discharges), summary by Temporal variation

Temporal variation	Accumulated Value
	m3
Constant	2053.4
Time Series	384.1
Total :	2437.5

Weir/Orifice-Gate/Valve Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum
	[m3/s]	[m3/s]	[m3]		
H1.4	0.000	4.673	139863.0	2011-08-27 09:00:00	2011-08-27 21:09:56
H2.4	0.000	1.026	16034.5	2011-08-27 09:00:00	2011-08-27 21:59:56
H3.4	-0.345	0.654	-2409.6	2011-08-27 19:59:56	2011-08-27 21:59:56
H4.4	0.000	1.806	38839.8	2011-08-27 09:00:00	2011-08-27 21:59:56
H5.4	-0.009	1.602	43166.5	2011-08-27 15:09:58	2011-08-27 21:59:56
H5_WW_Weir	0.000	1.614	38737.3	2011-08-27 09:00:00	2011-08-27 21:59:56
H6.4	-0.030	0.831	11976.0	2011-08-27 13:59:58	2011-08-27 21:59:56
H7.4	-0.138	0.000	-6753.1	2011-08-27 21:49:56	2011-08-27 09:00:00
HS1.3	0.000	0.321	3402.8	2011-08-27 09:00:00	2011-08-27 21:59:56
Weir_100	-0.103	0.038	-71.1	2011-08-27 20:19:56	2011-08-28 08:09:53
Weir_101	-0.086	0.045	54.5	2011-08-27 20:19:56	2011-08-28 08:09:53
Weir_103	-0.142	0.048	11.2	2011-08-27 20:29:56	2011-08-28 01:39:55
Weir_107	-0.056	0.055	78.2	2011-08-27 20:29:56	2011-08-27 22:19:56
Weir_110	-0.105	0.029	54.1	2011-08-27 20:29:56	2011-08-28 03:19:54
Weir_111	-0.110	0.045	34.0	2011-08-27 20:29:56	2011-08-27 23:29:55
Weir_113	-0.089	0.051	64.0	2011-08-27 20:29:56	2011-08-27 22:19:56
Weir_116	-0.061	0.073	64.7	2011-08-27 20:29:56	2011-08-27 22:19:56
Weir_118	-0.030	0.071	59.3	2011-08-27 20:29:56	2011-08-27 22:19:56
Weir_119	-0.081	0.059	35.2	2011-08-27 20:29:56	2011-08-27 22:19:56
Weir_120	-0.130	0.038	-56.2	2011-08-27 20:29:56	2011-08-28 02:29:54
Weir_121	-0.100	0.041	-245.8	2011-08-27 20:29:56	2011-08-28 01:39:55
Weir_123	-0.113	0.054	43.4	2011-08-27 20:39:56	2011-08-27 22:19:56
Weir_125	-0.089	0.052	16.3	2011-08-27 20:29:56	2011-08-27 22:19:56
Weir_129	-0.064	0.045	15.1	2011-08-27 20:29:56	2011-08-27 22:09:56
Weir_69	-0.082	0.023	52.3	2011-08-27 20:29:56	2011-08-28 06:09:53
Weir_70	-0.048	0.027	126.0	2011-08-27 20:29:56	2011-08-27 22:19:56
Weir_73	-0.116	0.033	37.3	2011-08-27 20:29:56	2011-08-28 07:19:53
Weir_75	-0.106	0.035	22.1	2011-08-27 20:19:56	2011-08-27 22:39:55
Weir_76	-0.062	0.060	93.2	2011-08-27 20:29:56	2011-08-27 22:19:56
Weir_77	-0.153	0.039	-218.1	2011-08-27 20:29:56	2011-08-28 08:09:53
Weir_81	-0.126	0.028	-35.6	2011-08-27 20:29:56	2011-08-28 03:29:54
Weir_82	-0.119	0.032	134.5	2011-08-27 20:29:56	2011-08-28 01:59:54
Weir_83	-0.081	0.041	35.8	2011-08-27 20:19:56	2011-08-28 08:09:53
Weir_84	-0.128	0.079	-462.6	2011-08-27 20:19:56	2011-08-28 08:29:52
Weir_85	-0.125	0.035	-94.0	2011-08-27 20:19:56	2011-08-28 07:19:53
Weir_87	-0.092	0.040	92.9	2011-08-27 20:29:56	2011-08-27 22:29:55

Weir_88	-0.087	0.038	50.6	2011-08-27 20:29:56	2011-08-27 22:29:55
Weir_89	-0.095	0.040	23.2	2011-08-27 20:29:56	2011-08-27 22:29:55
Weir_91	0.000	0.011	74.1	2011-08-27 09:00:00	2011-08-27 21:59:56
Weir_94	-0.070	0.036	64.0	2011-08-27 20:29:56	2011-08-27 22:29:55
Weir_99	-0.135	0.029	-8.4	2011-08-27 20:19:56	2011-08-28 03:19:54
Weir_B10	-0.503	0.328	-10887.9	2011-08-27 20:29:56	2011-08-28 08:59:59
Weir_BASF	0.000	0.579	19607.8	2011-08-27 09:00:00	2011-08-27 23:29:55
Weir_CLA-PS	0.000	0.052	125.4	2011-08-27 09:00:00	2011-08-27 22:29:55
Weir_HHA	0.000	0.729	4651.5	2011-08-27 09:00:00	2011-08-27 21:39:56
Weir_T15-MAD	-0.060	0.025	59.7	2011-08-27 20:19:56	2011-08-27 22:19:56
Weir_T16-MAD	-0.103	0.024	48.2	2011-08-27 20:19:56	2011-08-27 22:19:56
Weir_T1-HAR	-0.096	0.058	111.7	2011-08-27 20:29:56	2011-08-27 22:19:56
Weir_T2-2ST	-0.106	0.034	-13.5	2011-08-27 20:19:56	2011-08-28 07:09:53
Weir_T2-6ST	-0.095	0.033	57.8	2011-08-27 20:29:56	2011-08-27 22:29:55
Weir_T2-7ST	-0.110	0.057	17.6	2011-08-27 20:29:56	2011-08-27 22:19:56
Weir_T2-BLM	-0.011	0.011	102.2	2011-08-27 21:59:56	2011-08-27 20:59:56
Weir_T3-4ST	-0.079	0.028	59.8	2011-08-27 20:29:56	2011-08-27 22:29:55
Weir_T3-6ST	-0.077	0.030	11.2	2011-08-27 20:19:56	2011-08-27 22:19:56
Weir_T3-ADM	-0.064	0.037	50.7	2011-08-27 20:39:56	2011-08-27 23:29:55
Weir_T3-GND	-0.238	0.029	-29.6	2011-08-27 20:29:56	2011-08-27 22:19:56
Weir_T3-OBS	-0.084	0.040	289.6	2011-08-27 20:29:56	2011-08-27 22:29:55
Weir_T4-5ST	-0.094	0.025	45.1	2011-08-27 20:19:56	2011-08-28 03:09:54
Weir_T4-6ST	-0.149	0.027	-53.1	2011-08-27 20:19:56	2011-08-28 03:19:54
Weir_T5-GND	-0.099	0.055	62.6	2011-08-27 20:19:56	2011-08-27 22:29:55
Weir_T5-JEF	-0.036	0.064	48.4	2011-08-27 20:39:56	2011-08-27 22:19:56
Weir_T6-ADM	-0.072	0.065	160.2	2011-08-27 20:29:56	2011-08-27 22:19:56
Weir_T6-JEF	-0.086	0.078	131.3	2011-08-27 20:39:56	2011-08-27 22:19:56
Weir_T6-MON	-0.102	0.048	104.4	2011-08-27 20:59:56	2011-08-27 23:29:55
Weir_T7-JEF	-0.123	0.031	30.9	2011-08-27 20:29:56	2011-08-28 03:29:54
Weir_T8-ADM	-0.066	0.041	188.6	2011-08-27 20:29:56	2011-08-27 22:19:56
Weir_T8-JEF	-0.097	0.025	90.9	2011-08-27 20:29:56	2011-08-28 01:29:55
Weir_T9-MAD	-0.091	0.047	43.6	2011-08-27 20:29:56	2011-08-27 22:29:55
Weir_TD1-WIL	-0.078	0.066	55.4	2011-08-27 20:29:56	2011-08-27 22:29:55
Weir_TD23-CLA	-0.077	0.072	71.5	2011-08-27 20:29:56	2011-08-27 22:29:55
Weir_TD25-WIL	-0.058	0.084	126.3	2011-08-27 20:29:56	2011-08-27 22:39:55
Weir_TD31-CLA	0.000	0.008	58.1	2011-08-27 09:00:00	2011-08-27 21:59:56
Weir_TD6-WIL	-0.068	0.061	55.0	2011-08-27 20:29:56	2011-08-27 22:29:55
H1.1	-0.383	0.045	-11018.6	2011-08-27 20:29:56	2011-08-27 17:19:57
H1-WW.1	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
H2.1	0.000	0.090	2286.2	2011-08-27 09:00:00	2011-08-27 20:09:56
H2-WW.2	-0.006	0.090	2059.1	2011-08-27 14:39:58	2011-08-27 20:09:56
H3.1	-0.036	0.130	6707.9	2011-08-27 16:39:57	2011-08-28 02:39:54
H3-WW.2	0.000	0.179	8012.1	2011-08-27 09:00:00	2011-08-27 19:29:56
H4.1	0.000	0.110	5617.5	2011-08-27 09:00:00	2011-08-27 19:39:56
H4-WW.1	0.000	0.110	5373.3	2011-08-27 09:00:00	2011-08-27 19:39:56
H5.1	-0.020	0.153	3219.3	2011-08-27 21:59:56	2011-08-27 10:29:59

H5-WW.1	-0.015	0.118	2256.5	2011-08-27 21:59:56	2011-08-27 10:29:59
H6.1	-0.011	0.028	554.5	2011-08-27 13:29:58	2011-08-27 21:59:56
H6-WW.2	-0.014	0.026	627.3	2011-08-27 13:29:58	2011-08-27 21:59:56
H7.1	-0.019	0.120	6451.4	2011-08-27 12:59:58	2011-08-28 02:59:54
H7-WW.2	-0.001	0.031	1720.3	2011-08-27 13:39:58	2011-08-27 20:29:56
Orifice_13	0.000	0.974	13730.6	2011-08-27 09:00:00	2011-08-27 21:59:56
Orifice_3	0.000	7.814	104769.3	2011-08-27 09:00:00	2011-08-27 23:09:55
Orifice_5	0.000	0.714	17117.6	2011-08-27 09:00:00	2011-08-27 22:29:55
Orifice_7	0.000	0.204	2476.0	2011-08-27 09:00:00	2011-08-27 21:59:56
Orifice_8	-0.067	1.866	21674.7	2011-08-28 03:49:54	2011-08-27 21:59:56
Orifice_9	0.000	0.286	4419.7	2011-08-27 09:00:00	2011-08-27 21:59:56
Orifice_B10	-0.046	0.000	-220.2	2011-08-27 20:09:56	2011-08-28 08:59:59
Orifice_BASF	0.000	0.114	1231.4	2011-08-27 09:00:00	2011-08-27 23:19:55
Orifice_HHA	0.000	0.102	3406.4	2011-08-27 09:00:00	2011-08-28 01:49:54
outfall5-tg	0.000	2.595	25889.0	2011-08-27 09:00:00	2011-08-27 21:59:56

Pumps - Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum	Pump starts	Dry stops (1)	Speed	Operation total	Operation above dH or H range of RPMmax curve
	[m3/s]	[m3/s]	[m3]			[Count]	[Count]		[Hr:Min:Sec]	[Hr:Min:Sec]
11PS.3	0.000	0.173	14523.8	2011-08-27 09:00:00	2011-08-27 21:59:56	16	0	Constant	23:18:59	-
5PS.3	0.000	0.440	26586.2	2011-08-27 09:00:00	2011-08-27 18:29:57	1	0	Variable	17:59:35	-
5PS.4	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Variable	0:00:00	-
CLA-PS.1	0.000	0.074	121.9	2011-08-27 09:00:00	2011-08-27 22:29:55	23	23	Constant	0:11:32	-
H1-WW.3	0.000	2.650	134231.3	2011-08-27 09:00:00	2011-08-27 19:19:56	98	0	Constant	14:19:30	-
H5PS	0.000	2.879	38751.1	2011-08-27 09:00:00	2011-08-27 22:49:55	628	136	Constant	5:56:00	-
Pump_BASF	0.000	0.566	20687.5	2011-08-27 09:00:00	2011-08-27 23:29:55	94	12	Constant	10:24:59	-
Pump_HHA	0.000	0.316	8058.0	2011-08-27 09:00:00	2011-08-28 04:49:54	375	13	Constant	8:08:23	-

(1) : Pump stops due to dry pump well.

Warning: Dry stops occurred during the simulation. Insufficient volume below the stop level to let the pump decelerate normally.

Recommended: Check pump well volume, pump curve, acceleration-/deceleration time, start/stop conditions and other input data.

Links - Result summary

LinkID	From Node	To Node	Qf	Hmax	Qmax	Hmax/D	Qmax/Qf	Flow - Accumulated	Ti
			[m3/s]	[m]	[m3/s]			[m3]	
14VO-02-001D_14VO-MA-001B	14VO-02-001D	14VO-MA-001B	0.282	46.20	0.161	3.258	0.570	2768.5	2011-08-27 10:29:59
14VO-14-001_14VO-14-002	14VO-14-001	14VO-14-002	0.164	25.58	0.031	1.541	0.188	315.7	2011-08-27 13:29:58
14VO-14-001_14VO-14-005	14VO-14-001	14VO-14-005	0.228	25.50	0.053	2.039	0.232	518.9	2011-08-27 13:29:58
14VO-14-001C_14VO-14-001	14VO-14-001C	14VO-14-001	0.246	29.23	0.084	0.655	0.340	835.6	2011-08-27 12:59:58
14VO-14-002_14VO-14-006	14VO-14-002	14VO-14-006	0.226	25.33	0.211	5.429	0.937	3597.8	2011-08-27 13:39:58
14VO-14-005_14VO-14-007	14VO-14-005	14VO-14-007	0.061	1.58	0.077	1.642	1.274	819.2	2011-08-27 20:29:56
14VO-14-006_14VO-14-007	14VO-14-006	14VO-14-007	0.078	2.42	0.213	3.863	2.722	3734.5	2011-08-27 21:59:56

14VO-14-007_HWF-14-001A	Node_79	HWF-14-001A	0.659	0.98	0.286	2.984	0.433	4419.7	2011-08-2
14VO-MA-001_14VO-14-002	14VO-MA-001	14VO-14-002	0.180	41.52	0.138	1.541	0.765	2757.2	2011-08-2
14VO-MA-001B_14VO-MA-001	14VO-MA-001B	14VO-MA-001	0.123	45.81	0.138	4.014	1.121	2762.6	2011-08-2
B10-MH_H1-OB-122A	B10-MH	H1-OB-122A	0.867	0.95	-0.524	3.441	-0.605	-11115.7	2011-08-2
B10-STOR-A_B10-MH	B10-STOR-A	B10-MH	0.718	0.82	-0.524	2.851	-0.730	-11110.6	2011-08-2
BASF-FM	BASF-FM	BASF-OF	0.000	5.74	0.566	9.422		20538.1	2011-08-2
Dummy_H5Weir	Node_89	Dummy_H5Weir	0.000	3.00	0.000	0.005		0.0	2011-08-2
DUMMY-B10	DUMMY-B10	B10-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-BASF	DUMMY-BASF	BASF-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-BASF-2	DUMMY-BASF-2	BASF-WW	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-CLA-PS	CLA-PS-DUMMY	CLA-PS	0.000	-1.06	0.047	0.066		124.9	2011-08-2
DUMMY-HHA	DUMMY-HHA	HHA-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-HHA-2	DUMMY-HHA-2	HHA-WW	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-T10-MAD	T10-MAD	T10-MAD-WEIR-DUMMY	0.000	1.27	-0.099	1.892		-236.5	2011-08-2
DUMMY-T11-MAD	T11-MAD	T11-MAD-WEIR-DUMMY	0.000	1.33	-0.130	1.547		-38.6	2011-08-2
DUMMY-T15-MAD	T15-MAD	T15-MAD-WEIR-DUMMY	0.000	1.28	-0.031	1.128		77.9	2011-08-2
DUMMY-T16-MAD	T16-MAD	T16-MAD-WEIR-DUMMY	0.000	1.27	-0.061	1.305		62.0	2011-08-2
DUMMY-T1-GAR	T1-GAR	T1-GAR-WEIR-DUMMY	0.000	1.46	0.011	0.923		92.9	2011-08-2
DUMMY-T1-HAR	T1-HAR	T1-HAR-WEIR-DUMMY	0.000	1.45	-0.095	1.610		118.2	2011-08-2
DUMMY-T2-4ST	T2-4ST	T2-4ST-WEIR-DUMMY	0.000	1.33	-0.092	1.615		99.5	2011-08-2
DUMMY-T2-5ST	T2-5ST	T2-5ST-WEIR-DUMMY	0.000	1.34	-0.070	1.427		71.8	2011-08-2
DUMMY-T2-6ST	T2-6ST	T2-6ST-WEIR-DUMMY	0.000	1.28	-0.095	1.454		65.7	2011-08-2
DUMMY-T2-7ST	T2-7ST	T2-7ST-WEIR-DUMMY	0.000	1.45	-0.061	1.160		35.9	2011-08-2
DUMMY-T2-BLM	T2-BLM	T2-BLM-WEIR-DUMMY	0.000	3.03	0.011	1.085		117.6	2011-08-2
DUMMY-T2-JAC	T2-JAC	T2-JAC-WEIR-DUMMY	0.000	1.42	-0.089	1.611		70.7	2011-08-2
DUMMY-T2-MON	T2-MON	T2-MON-WEIR-DUMMY	0.000	1.44	-0.113	1.693		52.2	2011-08-2
DUMMY-T3-4ST	T3-4ST	T3-4ST-WEIR-DUMMY	0.000	1.31	-0.079	1.473		67.7	2011-08-2
DUMMY-T3-6ST	T3-6ST	T3-6ST-WEIR-DUMMY	0.000	1.28	-0.076	1.359		22.9	2011-08-2
DUMMY-T3-ADM	T3-ADM	T3-ADM-WEIR-DUMMY	0.000	1.45	-0.063	1.369		60.6	2011-08-2
DUMMY-T3-GND	T3-GND	T3-GND-WEIR-DUMMY	0.000	1.48	-0.131	1.132		-16.0	2011-08-2
DUMMY-T3-JAC	T3-JAC	T3-JAC-WEIR-DUMMY	0.000	1.30	-0.141	1.454		26.0	2011-08-2
DUMMY-T4-4ST	T4-4ST	T4-4ST-WEIR-DUMMY	0.000	1.18	-0.124	1.359		-65.0	2011-08-2
DUMMY-T4-5ST	T4-5ST	T4-5ST-WEIR-DUMMY	0.000	1.23	-0.094	1.396		57.4	2011-08-2
DUMMY-T4-6ST	T4-6ST	T4-6ST-WEIR-DUMMY	0.000	1.21	-0.117	1.293		-20.9	2011-08-2
DUMMY-T4-GND	T4-GND	T4-GND-WEIR-DUMMY	0.000	1.46	0.073	1.328		70.4	2011-08-2
DUMMY-T5-5ST	T5-5ST	T5-5ST-WEIR-DUMMY	0.000	1.19	-0.085	1.339		77.2	2011-08-2
DUMMY-T5-9ST	T5-9ST	T5-9ST-WEIR-DUMMY	0.000	1.48	0.059	1.198		48.8	2011-08-2
DUMMY-T5-GND	T5-GND	T5-GND-WEIR-DUMMY	0.000	1.39	-0.086	1.312		78.7	2011-08-2
DUMMY-T5-JAC	T5-JAC	T5-JAC-WEIR-DUMMY	0.000	1.17	-0.127	1.490		-439.3	2011-08-2
DUMMY-T5-JEF	T5-JEF	T5-JEF-WEIR-DUMMY	0.000	1.49	0.064	1.217		63.8	2011-08-2
DUMMY-T6-4ST	T6-4ST	T6-4ST-WEIR-DUMMY	0.000	1.19	-0.080	1.516		44.5	2011-08-2
DUMMY-T6-5ST	T6-5ST	T6-5ST-WEIR-DUMMY	0.000	1.21	-0.099	1.235		26.9	2011-08-2
DUMMY-T6-ADM	T6-ADM	T6-ADM-WEIR-DUMMY	0.000	1.48	-0.072	1.392		165.7	2011-08-2
DUMMY-T6-GND	T6-GND	T6-GND-WEIR-DUMMY	0.000	1.40	-0.056	1.364		87.4	2011-08-2
DUMMY-T6-JEF	T6-JEF	T6-JEF-WEIR-DUMMY	0.000	1.51	-0.086	1.379		143.1	2011-08-2
DUMMY-T6-MON	T6-MON	T6-MON-WEIR-DUMMY	0.000	1.38	-0.102	1.354		121.2	2011-08-2

DUMMY-T7-5ST	T7-5ST	T7-5ST-WEIR-DUMMY	0.000	1.19	-0.101	1.334		-48.4	2011-08-21
DUMMY-T7-MON	T7-MON	T7-MON-WEIR-DUMMY	0.000	1.21	-0.104	1.338		73.8	2011-08-21
DUMMY-T8-ADM	T8-ADM	T8-ADM-WEIR-DUMMY	0.000	1.35	-0.065	1.386		198.1	2011-08-21
DUMMY-T8-MAD	T8-MAD	T8-MAD-WEIR-DUMMY	0.000	1.43	-0.089	1.656		25.0	2011-08-21
DUMMY-T9-ADM	T9-ADM	T9-ADM-WEIR-DUMMY	0.000	1.22	-0.117	1.400		154.4	2011-08-21
DUMMY-T9-MAD	T9-MAD	T9-MAD-WEIR-DUMMY	0.000	1.40	-0.091	1.486		54.1	2011-08-21
DUMMY-TD12-13ST	TD12-13ST	Node_378	0.000	1.48	0.045	1.073		33.5	2011-08-21
DUMMY-TD14-CLA	TD14-CLA	TD14-CLA-WEIR-DUMMY	0.000	1.31	-0.087	1.409		60.2	2011-08-21
DUMMY-TD1-4ST	TD1-4ST	TD1-4ST-WEIR-DUMMY	0.000	1.33	-0.095	1.651		29.9	2011-08-21
DUMMY-TD1-WIL	TD1-WIL	TD1-WIL-WEIR-DUMMY	0.000	1.40	-0.078	1.450		63.3	2011-08-21
DUMMY-TD23-CLA	TD23-CLA	TD23-CLA-WEIR-DUMMY	0.000	1.46	-0.076	1.429		79.0	2011-08-21
DUMMY-TD25-WIL	TD25-WIL	TD25-WIL-WEIR-DUMMY	0.000	1.54	0.084	1.505		132.5	2011-08-21
DUMMY-TD30-CLA	TD30-CLA	TD30-CLA-WEIR-DUMMY	0.000	1.58	0.071	1.305		64.9	2011-08-21
DUMMY-TD31-CLA	TD31-CLA	TD31-CLA-WEIR-DUMMY	0.000	1.97	0.008	0.871		69.5	2011-08-21
DUMMY-TD6-WIL	TD6-WIL	TD6-WIL-WEIR-DUMMY	0.000	1.42	-0.068	1.412		62.5	2011-08-21
H1 REGULATOR_H2-INT-001A	H1-IC	H2-INT-001A	1.155	1.01	-0.383	2.667	-0.331	-11034.5	2011-08-21
H1_Outfall	H1-OB-008	H1	0.000	0.63	4.321	1.753		128902.2	2011-08-21
H1-01-005_H1-01-021	H1-01-005	H1-01-021	0.000	1.31	0.013	2.562		142.1	2011-08-21
H1-01-006_H1-01-006A	H1-01-006	H1-01-006A	1.471	1.39	0.105	2.259	0.071	1034.6	2011-08-21
H1-01-006A_H1-01-010	H1-01-006A	H1-01-010	0.366	1.35	0.394	2.219	1.077	4152.2	2011-08-21
H1-01-007_H1-01-006	H1-01-007	H1-01-006	2.782	1.39	0.012	2.533	0.004	149.4	2011-08-21
H1-01-010_H1-WI-019	H1-01-010	H1-WI-019	3.185	1.28	0.752	2.358	0.236	22583.7	2011-08-21
H1-01-021_H1-GA-018	H1-01-021	H1-GA-018	1.018	1.29	0.661	2.625	0.650	18905.1	2011-08-21
H1-01-029_H1-01-010	H1-01-029	H1-01-010	0.588	1.31	-0.267	2.575	-0.453	8223.6	2011-08-21
H1-01-033_H1-01-029	H1-01-033	H1-01-029	1.529	1.31	-0.311	2.657	-0.204	7782.9	2011-08-21
H1-01-033_H1-NE-011	H1-01-033	H1-NE-011	0.411	1.30	0.292	3.717	0.711	9946.5	2011-08-21
H1-01-034_H1-01-033	H1-01-034	H1-01-033	3.906	1.30	-0.420	2.830	-0.107	6129.3	2011-08-21
H1-01-075_H1-01-034	H1-01-075	H1-01-034	1.640	1.30	-0.419	2.737	-0.255	6187.1	2011-08-21
H1-01-075_H1-NE-014A	H1-01-075	H1-NE-014A	0.078	1.29	0.165	2.786	2.128	5000.7	2011-08-21
H1-01-077_H1-01-075	H1-01-077	H1-01-075	2.019	1.30	-0.325	2.671	-0.161	8264.1	2011-08-21
H1-01-080_H1-01-077	H1-01-080	H1-01-077	1.312	1.27	-0.325	3.244	-0.248	8305.3	2011-08-21
H1-01-080_H1-NE-020	H1-01-080	H1-NE-020	0.601	1.24	0.600	2.425	0.997	23092.2	2011-08-21
H1-01-081_H1-01-080	H1-01-081	H1-01-080	0.359	1.24	0.463	3.225	1.289	15894.2	2011-08-21
H1-01-085_H1-01-081	H1-01-085	H1-01-081	1.878	1.24	0.464	2.759	0.247	15945.1	2011-08-21
H1-01-085_H1-MA-010	H1-01-085	H1-MA-010	0.686	1.24	0.179	2.998	0.260	5577.9	2011-08-21
H1-01-089_H1-01-085	H1-01-089	H1-01-085	1.577	1.23	0.542	2.735	0.344	16607.1	2011-08-21
H1-01-089_H1-OB-116	H1-01-089	H1-OB-116	0.947	1.22	0.242	3.190	0.255	4804.6	2011-08-21
H1-01-100_H1-01-089	H1-01-100	H1-01-089	0.000	1.21	0.703	2.721		19180.1	2011-08-21
H1-01-100_H1-JA-022	H1-01-100	H1-JA-022	0.837	1.20	0.289	2.925	0.346	9174.4	2011-08-21
H1-01-104_H1-01-100	H1-01-104	H1-01-100	1.623	1.21	0.674	2.849	0.415	19854.3	2011-08-21
H1-01-110_H1-01-104	H1-01-110	H1-01-104	2.796	1.21	0.631	2.905	0.226	17265.9	2011-08-21
H1-01-115_H1-01-110	H1-01-115	H1-01-110	1.170	1.22	0.500	3.124	0.427	13265.4	2011-08-21
H1-01-116_H1-01-115	H1-01-116	H1-01-115	1.356	1.24	0.497	2.777	0.367	17461.2	2011-08-21
H1-01-117_H1-01-116	H1-01-117	H1-01-116	0.451	1.26	-0.092	3.620	-0.204	-1974.0	2011-08-21
H1-01-118_H1-01-117	H1-01-118	H1-01-116	0.046	1.62	0.042	7.173	0.918	535.5	2011-08-21
H1-02-038A_H1-WI-022	H1-02-038A	H1-WI-022	0.563	1.38	0.459	3.549	0.815	9358.8	2011-08-21

H1-03-001_H3-03-006	H1-03-001	H3-03-006	1.879	1.40	0.538	2.111	0.286	6809.4	2011-08-24
H1-03-003A_H1-03-001	H1-03-003A	H1-03-001	4.038	1.42	0.507	2.760	0.126	6416.1	2011-08-24
H1-03-060_H3-03-022	H1-03-060	H3-03-022	1.787	1.38	-0.539	2.351	-0.301	6876.4	2011-08-24
H1-03-090_H1-03-060	H1-03-090	H1-03-060	1.237	1.36	-0.425	2.863	-0.344	3431.0	2011-08-24
H1-03-090_H1-GR-022	H1-03-090	H1-GR-022	1.381	1.33	0.235	4.064	0.170	8564.3	2011-08-24
H1-03-140_H1-03-090	H1-03-140	H1-03-090	1.651	1.32	-0.476	3.637	-0.288	6514.3	2011-08-24
H1-03-170_H1-03-140	H1-03-170	H1-03-140	2.258	1.29	-0.618	2.132	-0.274	763.3	2011-08-24
H1-03-180_H1-03-170	H1-03-180	H1-03-170	2.657	1.28	-0.444	2.693	-0.167	1267.6	2011-08-24
H1-03-200_H1-03-180	H1-03-200	H1-03-180	0.933	1.27	-0.436	2.793	-0.467	7956.0	2011-08-24
H1-03-200_H1-MA-027	H1-03-200	H1-MA-027	1.697	1.26	0.157	4.206	0.092	1603.6	2011-08-24
H1-03-210_H1-03-200	H1-03-210	H1-03-200	1.256	1.26	-0.255	2.719	-0.203	4796.7	2011-08-24
H1-03-210_H1-MO-036	H1-03-210	H1-MO-036	1.484	1.25	0.217	3.386	0.146	-278.4	2011-08-24
H1-07-013_H1-BL-091	H1-07-013	H1-BL-091	0.274	4.54	0.209	5.343	0.762	2448.4	2011-08-24
H1-08-011_H1-BL-093	H1-08-011	H1-BL-093	0.050	3.59	0.030	6.160	0.607	331.0	2011-08-24
H1-08-011A_H1-08-011	H1-08-011A	H1-08-011	0.000	3.60	0.009	6.047		-0.6	2011-08-24
H1-AD-026_H1-01-075	H1-AD-026	H1-01-075	0.000	1.30	0.128	3.114		1287.9	2011-08-24
H1-AD-030_H1-03-140	H1-AD-030	H1-03-140	0.000	1.30	-0.099	3.421		-78.3	2011-08-24
H1-AD-035_H1-03-140	H1-AD-035	H1-03-140	0.177	1.30	0.272	3.421	1.538	5059.2	2011-08-24
H1-AD-039_H1-AD-035	H1-AD-039	H1-AD-035	1.136	1.32	0.258	3.426	0.227	4872.2	2011-08-24
H1-AD-042_H1-AD-039	H1-AD-042	H1-AD-039	0.653	1.34	0.281	2.923	0.430	3829.6	2011-08-24
H1-AD-048_H1-AD-042	H1-AD-043	H1-AD-042	0.585	1.35	0.213	2.810	0.364	2683.1	2011-08-24
H1-AD-053_H1-AD-048	H1-AD-053	H1-AD-048	0.778	1.38	0.091	2.663	0.116	1019.1	2011-08-24
H1-Alt-Grav1.2	H1-Alt-Grav1	OF-H1-V2	0.000	0.61	0.001	2.308		24.5	2011-08-24
H1-Alt-Grav2.1	H1-Alt-Grav2	OF-H1-V2	0.000	0.61	0.000	2.308		9.7	2011-08-24
H1-BL-007_H1-BL-009	H1-BL-007	H1-BL-009	0.000	0.99	0.241	3.477		3205.5	2011-08-24
H1-BL-009_H1-OB-010	H1-BL-009	H1-OB-010	3.875	0.86	4.128	2.221	1.065	126699.0	2011-08-24
H1-BL-016_H1-BL-009	H1-BL-016	H1-BL-009	1.531	1.59	1.263	2.770	0.825	15090.4	2011-08-24
H1-BL-017_H1-BL-016	H1-BL-017	H1-BL-016	0.800	1.83	1.146	2.593	1.432	13769.4	2011-08-24
H1-BL-024_H1-BL-017	H1-BL-024	H1-BL-017	0.949	2.25	1.075	2.786	1.134	12949.4	2011-08-24
H1-BL-030_H1-BL-024	H1-BL-030	H1-BL-024	0.634	2.63	0.912	3.081	1.438	11017.6	2011-08-24
H1-BL-037_H1-BL-030	H1-BL-037	H1-BL-030	0.941	2.98	0.912	3.146	0.969	11049.5	2011-08-24
H1-BL-039_H1-BL-037	H1-BL-039	H1-BL-037	1.111	3.20	0.783	3.181	0.705	9280.5	2011-08-24
H1-BL-090C_H1-BL-090B	H1-BL-090C	H1-BL-090B	0.000	5.52	-0.054	21.335		-641.5	2011-08-24
H1-BL-090E_H1-BL-039	H1-BL-090E	H1-BL-039	0.825	3.39	0.680	2.990	0.824	8056.8	2011-08-24
H1-BL-090E_H1-BL-090	H1-BL-090E	H1-BL-090	0.059	3.51	-0.481	3.546	-8.121	-5571.5	2011-08-24
H1-BL-090E_H1-BL-090C	H1-BL-090E	H1-BL-090C	0.000	3.59	-0.075	7.893		-1040.2	2011-08-24
H1-BL-091_H1-BL-090	H1-BL-091	H1-BL-090	0.299	3.53	0.467	2.645	1.562	5421.4	2011-08-24
H1-BL-093_H1-BL-091	H1-BL-093	H1-BL-091	0.702	3.56	0.180	2.671	0.256	2064.3	2011-08-24
H1-BL-095_H1-BL-093	H1-BL-095	H1-BL-093	0.137	3.60	0.047	4.928	0.343	546.8	2011-08-24
H1-CL-014_H1-NE-007	H1-CL-014	H1-NE-007	1.318	1.27	0.055	5.003	0.042	642.6	2011-08-24
H1-CL-015_H1-CL-023	H1-CL-015	H1-CL-023	1.872	1.33	-0.233	2.930	-0.124	-1141.4	2011-08-24
H1-CL-023_H1-03-060	H1-CL-023	H1-03-060	0.916	1.35	-0.428	3.719	-0.467	-116.1	2011-08-24
H1-CL-036_H1-03-060	H1-CL-036	H1-03-060	1.251	1.37	0.249	3.447	0.199	1867.7	2011-08-24
H1-GA-017_H1-OB-031	H1-GA-012	H1-OB-031	1.135	1.12	0.712	1.942	0.627	20217.4	2011-08-24
H1-GA-018_H1-GA-017	H1-GA-018	H1-GA-017	3.229	1.23	0.661	1.851	0.205	18872.6	2011-08-24

H1-GR-022_H1-01-033	H1-GR-022	H1-01-033	0.710	1.32	0.274	4.040	0.386	10175.4	2011-08-24
H1-GR-027_H1-03-090	H1-GR-027	H1-03-090	2.875	1.33	0.276	4.318	0.096	4683.0	2011-08-24
H1-GR-033_H1-GR-027	H1-GR-033	H1-GR-027	1.283	1.39	0.390	2.818	0.304	5130.4	2011-08-24
H1-GR-037_H1-GR-033	H1-GR-037	H1-GR-033	0.855	1.40	0.315	2.428	0.369	3874.6	2011-08-24
H1-GR-038_H1-GR-037	H1-GR-038	H1-GR-037	0.988	1.40	0.165	2.738	0.167	1745.0	2011-08-24
H1-GR-054_H1-GR-047	H1-GR-054	H1-GR-046	1.224	1.41	0.115	3.447	0.094	1254.9	2011-08-24
H1-HA-130_H1-HA-132	PR_DH_MH1	H1-HA-132	0.796	1.21	-0.087	2.720	-0.109	-2122.1	2011-08-24
H1-HA-132_H1-01-110	H1-HA-132	H1-01-110	0.848	1.21	0.094	3.880	0.111	-393.7	2011-08-24
H1-HA-132A_H1-HA-132	H1-HA-132A	H1-HA-132	0.000	1.24	0.022	5.321		259.6	2011-08-24
H1-HA-135_H1-01-110	H1-HA-135	H1-01-110	0.000	1.22	0.108	3.478		1878.3	2011-08-24
H1-HA-136_H1-HA-138	H1-HA-136	H1-HA-138	0.039	1.32	0.045	7.992	1.135	540.4	2011-08-24
H1-HA-138_H1-HA-139	H1-HA-138	H1-HA-139	0.084	1.19	0.042	4.207	0.495	449.5	2011-08-24
H1-HA-138A_H1-HA-138	H1-HA-138A	H1-HA-138	0.127	1.19	-0.002	4.754	-0.013	78.7	2011-08-24
H1-HA-138B_H1-HA-138A	H1-HA-138B	H1-HA-138A	0.000	1.19	0.001	5.863		79.8	2011-08-24
H1-HA-139_H1-HA-140	H1-HA-139	H1-HA-140	0.037	1.19	0.043	6.095	1.166	494.0	2011-08-24
H1-HA-139A_H1-HA-139	H1-HA-139A	H1-HA-139	0.226	1.19	0.001	4.207	0.006	56.4	2011-08-24
H1-HA-140_H1-HA-141	H1-HA-140	H1-HA-141	0.189	1.19	0.043	4.430	0.230	531.5	2011-08-24
H1-HA-140A_H1-HA-140	H1-HA-140A	H1-HA-140	0.130	1.19	-0.007	4.150	-0.053	46.4	2011-08-24
H1-HA-140B_H1-HA-140A	H1-HA-140B	H1-HA-140A	0.072	1.19	-0.001	6.758	-0.014	-0.3	2011-08-24
H1-HA-140C_H1-HA-140A	H1-HA-140C	H1-HA-140A	0.026	1.19	-0.005	6.758	-0.206	50.7	2011-08-24
H1-HA-141_H1-JA-043	H1-HA-141	H1-JA-043	0.506	1.19	-0.063	6.168	-0.124	552.1	2011-08-24
H1-HU-001_H1-HU-002	H1-HU-001	H1-HU-002	0.058	7.81	0.070	0.864	1.203	803.4	2011-08-24
H1-HU-002_H1-07-013	H1-HU-002	H1-07-013	0.379	7.56	0.120	4.064	0.317	1375.6	2011-08-24
H1-HU-003_H1-HU-002	H1-HU-003	H1-HU-002	0.000	7.72	0.030	0.805		334.4	2011-08-24
H1-JA-021_H1-OB-121	H1-JA-021	H1-OB-121	1.035	1.19	0.292	3.165	0.282	8538.8	2011-08-24
H1-JA-022_H1-JA-021	H1-JA-022	H1-JA-021	1.833	1.20	0.289	2.380	0.158	9112.7	2011-08-24
H1-JA-034_H1-01-100	MH-T2-2STB	H1-01-100	1.689	1.20	0.351	4.888	0.208	5532.5	2011-08-24
H1-JA-037B_H1-JA-034	H1-JA-037B	H1-JA-034	1.219	1.19	-0.364	5.571	-0.299	3428.5	2011-08-24
H1-JA-043_H1-JA-037B	H1-JA-043	H1-JA-037B	1.031	1.19	-0.342	4.627	-0.331	2347.6	2011-08-24
H1-JA-046_H1-JA-043	H1-JA-046	H1-JA-043	3.074	1.19	-0.172	4.155	-0.056	1171.9	2011-08-24
H1-JE-026A_H1-01-080	H1-JE-026A	H1-JE-023	0.107	1.27	0.389	1.857	3.653	13836.3	2011-08-24
H1-JE-031_H1-03-180	H1-JE-031	H1-03-180	1.018	1.28	-0.396	2.102	-0.390	-11883.4	2011-08-24
H1-JE-031_H1-JE-026A	H1-JE-031	H1-JE-026A	1.570	1.27	0.372	2.659	0.237	12422.3	2011-08-24
H1-JE-032_H1-03-180	H1-JE-032	H1-03-180	5.104	1.28	0.243	2.103	0.048	3997.4	2011-08-24
H1-JE-037_H1-JE-032	H1-JE-037	H1-JE-032	0.842	1.29	0.300	3.006	0.356	4340.0	2011-08-24
H1-JE-044_H1-JE-037	H1-JE-044	H1-JE-037	0.846	1.31	0.272	2.336	0.322	3599.1	2011-08-24
H1-JE-050_H1-JE-044	H1-JE-050	H1-JE-044	0.679	1.32	0.168	2.199	0.248	2461.0	2011-08-24
H1-JE-055_H1-JE-050	H1-JE-055	H1-JE-050	0.806	1.33	0.089	2.921	0.111	988.4	2011-08-24
H1-Junction1.1	H1-Junction1	OF-H1-V2	0.475	0.61	0.000	2.325	0.000	-1.0	2011-08-24
H1-Junction2.1	H1-Junction2	OF-H1-V2	0.475	0.61	0.000	2.325	0.000	-1.0	2011-08-24
H1-MA-010_H1-OB-100	H1-MA-010	H1-OB-100	0.999	1.23	0.170	3.933	0.170	5539.5	2011-08-24
H1-MA-027_H1-01-085	H1-MA-027	H1-01-085	1.355	1.26	0.256	2.733	0.189	3079.2	2011-08-24
H1-MA-038_H1-03-200	H1-MA-038	H1-03-200	1.462	1.26	0.176	5.155	0.121	4043.5	2011-08-24
H1-MA-041_H1-MA-038	H1-MA-041	H1-MA-038	1.570	1.27	0.191	4.211	0.122	3699.9	2011-08-24
H1-MA-048_H1-MA-041	H1-MA-044	H1-MA-041	0.530	1.28	0.204	3.426	0.386	2649.2	2011-08-24
H1-MA-054_H1-MA-048	H1-MA-054	H1-MA-048	0.566	1.29	0.106	3.302	0.187	1057.6	2011-08-24

H1-MO-010_H1-NE-030	H1-MO-010	H1-NE-030	3.429	1.21	0.177	2.218	0.052	4134.4	2011-08-24
H1-MO-033_H1-01-089	H1-MO-033	H1-01-089	0.845	1.24	0.319	2.413	0.377	1110.5	2011-08-24
H1-MO-036_H1-MO-033	H1-MO-036	H1-MO-033	0.737	1.25	0.217	3.145	0.294	-264.6	2011-08-24
H1-MO-043_H1-03-210	H1-MO-043	H1-03-210	0.847	1.25	0.181	4.659	0.214	2997.2	2011-08-24
H1-MO-044_H1-MO-043	H1-MO-044	H1-MO-043	1.862	1.24	-0.156	5.418	-0.084	2520.8	2011-08-24
H1-MO-047_H1-MO-044	H1-MO-047	H1-MO-044	5.079	1.24	-0.155	2.797	-0.030	2611.1	2011-08-24
H1-MO-057_H1-MO-047	H1-MO-057	H1-MO-047	1.102	1.24	0.159	3.149	0.144	2432.4	2011-08-24
H1-MO-062_H1-MO-057	H1-MO-062	H1-MO-057	0.771	1.24	0.096	4.095	0.124	1270.2	2011-08-24
H1-NE-002_H1-PA-015	H1-NE-002	H1-PA-015	0.000	1.11	0.116	1.966		236.9	2011-08-24
H1-NE-003_H1-WI-011	H1-NE-003	H1-WI-011	2.015	1.23	0.895	2.595	0.444	30563.7	2011-08-24
H1-NE-007_H1-NE-003	H1-NE-007	H1-NE-003	1.403	1.25	0.289	2.665	0.206	7876.5	2011-08-24
H1-NE-011_H1-NE-007	H1-NE-011	H1-NE-007	0.410	1.28	0.208	3.329	0.506	6794.5	2011-08-24
H1-NE-011_H1-NE-014A	H1-NE-011	H1-NE-014A	0.306	1.26	0.222	2.730	0.726	5006.6	2011-08-24
H1-NE-014A_H1-NE-017	H1-NE-014A	H1-NE-017	2.443	1.23	0.428	2.053	0.175	10549.4	2011-08-24
H1-NE-017_H1-NE-019	H1-NE-017	H1-NE-019	5.055	1.23	0.428	2.385	0.085	10489.0	2011-08-24
H1-NE-019_H1-NE-020	H1-NE-019	H1-NE-020	2.933	1.22	0.428	1.497	0.146	10423.4	2011-08-24
H1-NE-020_H1-OB-090	H1-NE-020	H1-OB-090	4.253	1.21	1.198	2.399	0.282	45357.2	2011-08-24
H1-NE-021_H1-OB-091	H1-NE-021	H1-OB-091	1.305	1.21	0.190	2.844	0.146	7709.2	2011-08-24
H1-NE-026_H1-NE-021	H1-NE-026	H1-NE-021	0.588	1.21	0.189	2.534	0.322	7517.8	2011-08-24
H1-NE-029A_H1-NE-026	H1-NE-029A	H1-NE-026	0.735	1.21	0.183	2.284	0.249	6631.0	2011-08-24
H1-NE-030_H1-NE-029A	H1-NE-030	MH-T6-NEW	0.604	1.21	0.171	3.162	0.283	6400.1	2011-08-24
H1-NE-031_H1-NE-030	H1-NE-031	H1-NE-030	2.717	1.21	0.127	1.848	0.047	2282.3	2011-08-24
H1-NE-040_H1-NE-031	H1-NE-040	H1-NE-031	0.421	1.21	0.125	2.043	0.298	1979.9	2011-08-24
H1-NE-047_H1-NE-040	H1-NE-047	H1-NE-040	0.123	1.20	0.036	2.821	0.289	361.3	2011-08-24
H1-OB-001_H1-OB-010	H1-OB-001	H1-OB-010	0.000	0.82	0.022	9.149		269.4	2011-08-24
H1-OB-010_H1-OB-008	H1-OB-010	H1-OB-008	8.196	0.68	4.254	1.993	0.519	128136.1	2011-08-24
H1-OB-031_H1-BL-009	H1-OB-031	H1-BL-009	1.701	1.03	2.961	2.375	1.740	107968.3	2011-08-24
H1-OB-050_H1-OB-031	H1-OB-050	H1-OB-031	4.392	1.10	2.312	2.407	0.526	87445.7	2011-08-24
H1-OB-050_H1-OB-050A	H1-OB-050	H1-OB-050A	0.000	1.11	0.004	1.730		8.8	2011-08-24
H1-OB-071_H1-OB-050	H1-OB-071	H1-OB-050	3.011	1.13	2.284	2.383	0.759	85588.0	2011-08-24
H1-OB-072_H1-OB-071	H1-OB-072	H1-OB-071	13.803	1.15	2.294	2.395	0.166	85722.3	2011-08-24
H1-OB-077_H1-OB-072	H1-OB-077	H1-OB-072	2.989	1.19	1.333	2.347	0.446	53662.9	2011-08-24
H1-OB-090_H1-OB-077	H1-OB-090	H1-OB-080A	1.172	1.20	1.328	2.397	1.132	52910.9	2011-08-24
H1-OB-091_H1-OB-090	H1-OB-091	H1-OB-090	0.617	1.21	0.191	2.897	0.310	7847.6	2011-08-24
H1-OB-095_H1-NE-020	H1-OB-095	H1-NE-020	1.512	1.22	0.298	4.722	0.197	11504.7	2011-08-24
H1-OB-100_H1-OB-095	H1-OB-100	H1-OB-095	8.108	1.23	0.335	1.523	0.041	11568.5	2011-08-24
H1-OB-101_H1-OB-100	MH-T5-OBS	H1-OB-100	0.357	1.22	0.191	3.483	0.535	5437.2	2011-08-24
H1-OB-116_H1-MO-010	H1-OB-116	H1-MO-010	1.228	1.21	0.165	2.823	0.134	3980.8	2011-08-24
H1-OB-116_H1-OB-101	H1-OB-116	H1-OB-101	0.811	1.21	0.196	2.565	0.242	5316.1	2011-08-24
H1-OB-117_H1-OB-116	H1-OB-117	H1-OB-116	2.455	1.21	-0.216	2.437	-0.088	3834.4	2011-08-24
H1-OB-121_H1-OB-117	H1-OB-121	H1-OB-117	1.679	1.20	-0.272	3.733	-0.162	3167.4	2011-08-24
H1-OB-121A_H1-OB-121	H1-OB-121A	H1-OB-121	0.108	1.19	-0.024	6.963	-0.222	-179.5	2011-08-24
H1-OB-122_H1-NE-040	H1-OB-122	H1-NE-040	0.676	1.19	-0.248	1.565	-0.368	579.7	2011-08-24
H1-OB-122_H1-OB-121	H1-OB-122	H1-OB-121	8.080	1.19	-0.388	2.320	-0.048	-5620.5	2011-08-24
H1-OB-122A_H1-OB-122	MH-T7-OBS	H1-OB-122	1.169	1.18	-0.569	2.775	-0.487	-5408.1	2011-08-24
H1-OB-122B_H1-OB-122A	H1-OB-122B	H1-OB-122A	2.381	1.17	0.079	2.103	0.033	2054.6	2011-08-24

H1-OB-122C_H1-OB-122A	H1-OB-122C	H1-OB-122A	0.000	1.17	0.081	2.104		1447.4	2011-08-24
H1-OB-123_H1-HA-130	H1-OB-123	H1-HA-130	0.497	1.20	-0.087	3.058	-0.175	-1579.7	2011-08-24
H1-OB-125_H1-OB-123	H1-OB-125	H1-OB-123	0.046	1.83	0.091	7.593	1.981	1713.9	2011-08-24
H1-OB-127_H1-OB-125	H1-OB-127	H1-OB-125	0.000	2.05	0.137	2.978		1724.1	2011-08-24
H1-PA-015_H1-OB-050	H1-PA-015	H1-OB-050	1.425	1.11	0.289	2.313	0.203	1519.7	2011-08-24
H1-PA-017_H1-01-006	H1-PA-017	H1-01-006	2.274	1.39	-0.021	3.850	-0.009	-54.0	2011-08-24
H1-PA-017_H1-01-006A	H1-PA-017	H1-01-006A	4.736	1.39	0.290	2.570	0.061	3159.5	2011-08-24
H1-PA-020A_H1-OB-117	H1-PA-020A	H1-OB-117	0.000	1.22	0.018	5.650		216.2	2011-08-24
H1-PA-024_H1-PA-017	H1-PA-024	H1-PA-017	0.622	1.44	0.305	4.133	0.491	3142.1	2011-08-24
H1-PA-030_H1-PA-050	H1-PA-030	H1-PA-050	0.048	1.22	-0.018	6.113	-0.380	-212.9	2011-08-24
H1-PA-050_H1-01-115	H1-PA-050	H1-01-115	0.467	1.22	-0.301	2.773	-0.645	-2501.8	2011-08-24
H1-PA-050A_H1-PA-050	H1-PA-050A	H1-PA-050	0.000	1.22	-0.212	2.717		-963.2	2011-08-24
H1-PA-060_H1-01-116	H1-PA-060	H1-01-116	0.341	1.29	0.033	5.974	0.095	778.4	2011-08-24
H1-PA-061_H1-01-117	H1-PA-061	H1-01-116	0.295	1.71	0.432	4.107	1.465	18319.8	2011-08-24
H1-PA-062_H1-PA-061	H1-PA-062	H1-PA-061	0.000	4.20	0.476	9.563		20190.1	2011-08-24
H1-WA-011_H1-07-013	H1-WA-011	H1-07-013	0.000	4.79	0.016	5.142		187.1	2011-08-24
H1-WI-011_H1-OB-072	H1-WI-011	H1-OB-072	1.444	1.18	0.890	2.592	0.616	30502.7	2011-08-24
H1-WI-019_H1-NE-003	H1-WI-019	H1-NE-003	2.465	1.25	0.752	2.284	0.305	22550.0	2011-08-24
H1-WI-022_H1-01-010	H1-WI-022	H1-01-010	3.370	1.32	0.459	1.897	0.136	9315.0	2011-08-24
H1-WW.2	H1-WW	H1-Alt-Grav2	0.000	0.61	0.000	2.308		18.0	2011-08-24
H1-WW.4	H1-WW	H1-Alt-Grav1	0.000	0.61	0.001	2.308		32.8	2011-08-24
H2 REGULATOR_H2-INT-009A	H2 REGULATOR	H2-INT-009A	4.043	1.12	-0.265	3.207	-0.066	-7171.7	2011-08-24
H2-01-001_H2-01-002	H2-01-001	H2-01-002	0.150	5.62	0.159	11.120	1.065	3508.6	2011-08-24
H2-01-001A_H2-01-001	H2-01-001A	H2-01-001	0.000	6.08	0.077	12.620		1267.0	2011-08-24
H2-01-002_H2-RI-004	H2-01-002	H2-RI-004	0.141	4.18	0.157	12.265	1.114	3833.7	2011-08-24
H2-01-003_H2-NE-010B	H2-01-003	H2-NE-010B	1.273	1.99	0.262	3.485	0.206	5896.0	2011-08-24
H2-02-003_H2-RI-005	H2-02-003	H2-RI-005	0.000	3.56	0.054	13.760		712.4	2011-08-24
H2-05-001_H2-WA-007	H2-05-001	H2-WA-007	0.000	3.80	0.051	2.158		623.1	2011-08-24
H2-05-002_H2-05-001	H2-05-002	H2-05-001	0.000	3.87	0.008	2.432		101.3	2011-08-24
H2-06-003_H2-WA-009	H2-06-003	H2-WA-009	0.110	7.01	0.146	5.057	1.322	1792.5	2011-08-24
H2-06-004_H2-06-003	H2-06-004	H2-06-003	0.000	7.98	0.043	8.865		527.5	2011-08-24
H2-CO-003_H2-01-001	H2-CO-003	H2-01-001	0.000	6.38	0.078	13.633		1015.3	2011-08-24
H2-CO-004AA_H2-CO-003	H2-CO-004AA	H2-CO-003	0.000	6.72	0.045	14.731		599.8	2011-08-24
H2-HP-001A_H2-HP-004	H2-HP-001A	H2-HP-004	0.077	2.67	0.102	8.598	1.317	1568.8	2011-08-24
H2-HP-004_H2-RI-009	H2-HP-004	H2-RI-009	0.133	2.38	0.152	6.373	1.146	2973.1	2011-08-24
H2-HP-008A_H2-HP-004	H2-HP-008A	H2-HP-004	0.112	2.85	0.058	8.598	0.516	694.2	2011-08-24
H2-INT-001_H2-INT-002	H2-INT-001	H2-INT-002	5.406	1.03	-0.383	2.900	-0.071	-11090.4	2011-08-24
H2-INT-001A_H2-INT-001	H2-INT-001A	H2-INT-001	0.848	1.02	-0.383	2.678	-0.452	-11068.0	2011-08-24
H2-INT-002_H2-INT-003	H2-INT-002	H2-INT-003	0.000	1.05	-0.383	1.250		-11101.4	2011-08-24
H2-INT-003_H2-INT-004	H2-INT-003	H2-INT-004	9.060	1.05	-0.383	2.769	-0.042	-11110.9	2011-08-24
H2-INT-004_H2-INT-005	H2-INT-004	H2-INT-005	3.968	1.06	-0.383	2.929	-0.096	-11134.0	2011-08-24
H2-INT-005_H2-INT-006	H2-INT-005	H2-INT-006	5.087	1.08	-0.383	2.761	-0.075	-11165.5	2011-08-24
H2-INT-006_H2-INT-007	H2-INT-006	H2-INT-007	5.496	1.09	-0.383	3.049	-0.070	-11220.0	2011-08-24
H2-INT-007_H2 REGULATOR	H2-INT-007	H2 REGULATOR	2.773	1.10	-0.265	3.519	-0.096	-7021.5	2011-08-24
H2-INT-009_H2-INT-010	H2-INT-009	H2-INT-010	0.908	1.13	-0.264	3.146	-0.291	-7374.7	2011-08-24

H2-INT-009A_H2-INT-009	H2-INT-009A	H2-INT-009	0.853	1.13	-0.265	3.212	-0.310	-7329.3	2011-08-24
H2-INT-010_H3-INT-001	H2-INT-010	H3-INT-001	3.060	1.14	-0.264	3.548	-0.086	-7409.4	2011-08-24
H2-NE-004_H2-NE-005	H2-NE-004	H2-NE-005	1.157	2.06	-0.418	4.348	-0.361	-6519.0	2011-08-24
H2-NE-004_H2-NE-010	H2-NE-004	H2-NE-010	1.554	2.02	0.514	3.898	0.331	7741.6	2011-08-24
H2-NE-005_H2-NE-007	H2-NE-005	H2-NE-007	1.314	2.09	-0.404	4.203	-0.307	-6379.1	2011-08-24
H2-NE-007_H2-WA-001	H2-NE-007	H2-WA-001	1.348	2.13	-0.387	4.020	-0.287	-6197.0	2011-08-24
H2-NE-010B_H2-NE-010	H2-NE-010B	H2-NE-010	2.316	1.98	0.263	3.898	0.113	5855.1	2011-08-24
H2-NE-013_H2-RI-009	H2-NE-013	H2-RI-009	0.150	2.12	0.066	15.665	0.444	597.2	2011-08-24
H2-NE-020.1	H2-NE-020	H2	0.852	1.63	-0.004	5.052	-0.005	-32.8	2011-08-24
H2-OF.1	H2-NE-010	H2	0.383	1.86	1.077	3.751	2.813	18407.9	2011-08-24
H2-RI-004_H2-01-003	H2-RI-004	H2-01-003	0.096	2.82	0.247	9.139	2.567	5597.5	2011-08-24
H2-RI-005_H2-RI-004	H2-RI-005	H2-RI-004	0.000	3.23	0.118	10.157		1441.1	2011-08-24
H2-RI-009_H2-NE-010	H2-RI-009	H2-NE-010	3.135	1.98	0.252	3.248	0.081	4288.5	2011-08-24
H2-WA-0000_H1-BL-090	H2-WA-0000	H1-BL-090	0.148	3.54	0.017	6.602	0.114	170.3	2011-08-24
H2-WA-001_H2-WA-003	H2-WA-001	H2-WA-003	2.033	2.17	-0.327	3.755	-0.161	-5523.6	2011-08-24
H2-WA-003_H2-WA-004	H2-WA-003	H2-WA-004	1.531	2.19	-0.292	1.933	-0.191	-4885.1	2011-08-24
H2-WA-004_H2-03-020	H2-WA-004	H2-03-020	0.553	2.29	-0.281	1.576	-0.509	-4860.2	2011-08-24
H2-WA-005A_H2-03-020	H2-WA-005A	H2-03-020	1.270	3.07	0.346	0.326	0.273	4422.3	2011-08-24
H2-WA-007_H2-WA-005A	H2-WA-007	H2-WA-005A	1.393	3.46	0.304	0.326	0.218	3826.1	2011-08-24
H2-WA-009_H2-WA-007	H2-WA-009	H2-WA-007	1.840	4.51	0.212	0.302	0.115	2680.1	2011-08-24
H2-WA-010_H2-WA-009	H2-WA-010	H2-WA-009	0.120	4.87	0.034	0.898	0.282	419.1	2011-08-24
H2-WA-011_H2-WA-010	H2-WA-011	H2-WA-010	0.065	5.00	0.023	0.832	0.356	291.3	2011-08-24
H2-WA-012_H2-WA-011	H2-WA-012	H2-WA-011	0.069	5.18	0.023	0.739	0.332	277.8	2011-08-24
H2-WA-013_H2-WA-0000	H2-WA-013	H2-WA-0000	0.190	5.23	0.014	1.600	0.074	170.4	2011-08-24
H2-WW.1	H2-WW	H2-OF	0.000	1.44	0.974	2.572		13969.8	2011-08-24
H3-02-001_H3-HU-001	H3-02-001	H3-HU-001	0.000	3.60	0.015	0.596		186.8	2011-08-24
H3-03-002_H3-RI-006	H3-03-002	H3-RI-006	4.671	1.19	0.906	2.678	0.194	11301.6	2011-08-24
H3-03-004_H3-03-002	H3-03-004	H3-03-002	0.563	1.30	0.849	1.990	1.509	10626.8	2011-08-24
H3-03-006_H3-CO-004	H3-03-006	H3-CO-004	3.020	1.38	0.542	2.192	0.180	6803.6	2011-08-24
H3-03-007_H1-03-003A	H3-03-007	H1-03-003A	1.114	1.44	0.423	2.802	0.380	4965.7	2011-08-24
H3-03-009_H3-03-007	H3-03-009	H3-03-007	1.161	1.45	0.422	2.218	0.363	4932.2	2011-08-24
H3-03-010_H3-03-009	H3-03-010	H3-03-009	0.479	1.46	0.422	3.508	0.882	4957.5	2011-08-24
H3-03-015_H3-03-010	H3-03-015	H3-03-010	1.424	1.47	0.653	2.201	0.459	11897.1	2011-08-24
H3-03-015_H3-PA-025	H3-03-015	H3-PA-025	1.958	1.47	0.132	4.272	0.068	1024.6	2011-08-24
H3-03-020.1	H3-03-020	H3	5.554	1.08	-0.448	1.603	-0.081	-589.2	2011-08-24
H3-03-022_H3-03-022A	H3-03-022	H3-03-022A	4.477	1.41	-0.539	4.729	-0.120	6822.8	2011-08-24
H3-03-022A_H3-03-015	H3-03-022A	H3-03-015	0.855	1.45	-0.498	2.649	-0.583	7702.1	2011-08-24
H3-03-022A_H3-WI-038AB	H3-03-022A	H3-WI-038AB	1.237	1.43	0.324	4.136	0.262	7865.4	2011-08-24
H3-03-040.1	H3-03-040	H3-03-020	1.945	1.08	-0.377	1.303	-0.194	-463.0	2011-08-24
H3-03-050.1	H3-03-050	H3-03-040	1.204	1.08	-0.015	1.618	-0.012	-40.3	2011-08-24
H3-05-090_H3-WI-022	H3-WI-015	H3-WI-022	0.881	1.46	0.281	3.733	0.319	6395.9	2011-08-24
H3-05-100_H3-05-090	H3-05-100	H3-05-090	0.367	1.47	0.099	2.395	0.270	2901.4	2011-08-24
H3-05-100_H3-CL-013	H3-05-100	H3-CL-013	0.487	1.42	0.152	9.227	0.312	-92.0	2011-08-24
H3-CL-001_H3-CL-003	H3-CL-001	H3-CL-003	0.644	1.47	0.085	5.338	0.132	836.2	2011-08-24
H3-CL-003_H3-CL-004	H3-CL-003	H3-CL-004	0.698	1.47	0.089	4.351	0.128	890.2	2011-08-24
H3-CL-004_H3-CL-007	H3-CL-004	H3-CL-007	1.118	1.48	0.089	2.615	0.080	856.3	2011-08-24

H3-CL-007_H3-CL-011	H3-CL-007	H3-CL-011	0.186	1.47	0.177	2.626	0.952	2408.1	2011-08-24
H3-CL-011_H3-05-100	H3-CL-011	H3-05-100	0.990	1.47	0.177	2.350	0.179	2373.6	2011-08-24
H3-CL-013_H3-CL-015A	H3-CL-013	H3-CL-015A	0.437	1.39	0.152	3.061	0.348	-104.6	2011-08-24
H3-CL-015A_H1-CL-036	H3-CL-015A	H1-CL-036	0.963	1.38	0.162	3.610	0.168	-11.5	2011-08-24
H3-CO-001_H3-CO-004	H3-CO-001	H3-CO-004	0.026	6.48	0.048	7.277	1.857	631.3	2011-08-24
H3-CO-004_H3-03-004	H3-CO-004	H3-03-004	2.595	1.35	0.644	2.427	0.248	8146.3	2011-08-24
H3-CO-006_H3-CO-004	H3-CO-006	H3-CO-004	0.060	5.53	0.048	0.670	0.789	631.4	2011-08-24
H3-GA-001_H1-01-021	H3-GA-001	H1-01-021	1.380	1.35	0.575	2.562	0.416	17755.9	2011-08-24
H3-GA-001_H3-GA-004	H3-GA-001	H3-GA-004	1.262	1.41	-0.561	2.725	-0.444	-17652.4	2011-08-24
H3-GA-004_H3-03-010	H3-GA-004	H3-03-010	1.454	1.47	-0.488	3.514	-0.336	-16721.7	2011-08-24
H3-GA-013C_H3-03-010	H3-GA-013C	H3-03-010	1.049	1.65	0.776	3.521	0.740	8419.3	2011-08-24
H3-GA-014_H3-GA-013C	H3-GA-014	H3-GA-013C	0.433	1.77	0.661	3.433	1.526	7231.3	2011-08-24
H3-GA-015A_H3-GA-014	H3-GA-015A	H3-GA-014	1.311	1.92	0.632	3.464	0.482	6985.9	2011-08-24
H3-GA-018A_H3-GA-015A	H3-GA-018A	H3-GA-015A	0.552	2.05	0.562	4.029	1.017	6328.9	2011-08-24
H3-GA-023_H3-GA-018A	H3-GA-023	H3-GA-018A	1.391	2.14	0.490	3.154	0.352	5649.0	2011-08-24
H3-GA-028_H3-GA-023	H3-GA-028	H3-GA-023	1.165	2.19	0.402	2.551	0.345	4279.1	2011-08-24
H3-GA-033_H3-GA-028	H3-GA-033	H3-GA-028	1.428	2.22	0.321	2.059	0.225	2799.0	2011-08-24
H3-GA-037_H3-GA-033	H3-GA-037	H3-GA-033	0.810	2.22	0.157	1.255	0.194	1154.7	2011-08-24
H3-HU-001_H3-03-004	H3-HU-001	H3-03-004	0.179	3.50	0.032	8.073	0.177	283.4	2011-08-24
H3-HU-004_H3-03-004	H3-HU-004	H3-03-004	0.000	1.40	0.024	8.298		306.6	2011-08-24
H3-INT-001_H3-INT-002	H3-INT-001	H3-INT-002	0.000	1.14	-0.263	3.563		-7446.3	2011-08-24
H3-INT-002_H3 REGULATOR	H3-INT-002	H3-INT-003A	3.594	1.14	-0.263	4.110	-0.073	-7478.0	2011-08-24
H3-INT-003_H3-INT-004	H3-INT-003	H3-INT-004	6.260	0.59	0.295	2.768	0.047	14705.7	2011-08-24
H3-INT-003A_H3 REGULATOR	H3-INT-003A	H3	5.802	1.10	0.762	4.056	0.131	4980.0	2011-08-24
H3-INT-004_H3-INT-005	H3-INT-004	H3-INT-005	5.518	0.58	0.301	2.662	0.055	14692.5	2011-08-24
H3-INT-005_H3-INT-006	H3-INT-005	H3-INT-006	1.980	0.58	0.269	2.763	0.136	14645.6	2011-08-24
H3-INT-006_H3-INT-007	H3-INT-006	H3-INT-007	2.683	0.58	0.260	2.805	0.097	14596.0	2011-08-24
H3-PA-001_H3-PA-004	H3-PA-001	H3-PA-004	0.359	1.68	0.087	2.384	0.243	951.5	2011-08-24
H3-PA-004_H3-PA-009	H3-PA-004	H3-PA-009	0.760	1.67	0.222	2.911	0.292	2478.7	2011-08-24
H3-PA-009_H3-PA-012	H3-PA-009	H3-PA-012	0.869	1.62	0.310	2.705	0.357	3327.4	2011-08-24
H3-PA-012_H3-03-015	H3-PA-012	H3-03-015	0.549	1.56	0.406	2.764	0.739	4318.6	2011-08-24
H3-PA-025_H1-PA-024	H3-PA-025	H1-PA-024	1.031	1.46	0.133	3.208	0.129	1174.0	2011-08-24
H3-RI-001_H3-RI-002	H3-RI-001	H3-RI-002	0.072	1.22	0.019	4.085	0.266	323.6	2011-08-24
H3-RI-002_H3-RI-003	H3-RI-002	H3-RI-003	0.051	1.20	0.019	4.304	0.381	320.4	2011-08-24
H3-RI-003_H3-RI-006	H3-RI-003	H3-RI-006	0.257	1.19	0.021	5.396	0.082	398.6	2011-08-24
H3-WI-002_H3-WI-005	H3-WI-002	H3-WI-005	1.684	1.49	0.082	2.845	0.049	918.8	2011-08-24
H3-WI-005_H3-WI-010	H3-WI-005	H3-WI-010	0.697	1.48	0.087	3.788	0.125	884.9	2011-08-24
H3-WI-010_H3-05-090	H3-WI-010	H3-05-090	0.642	1.48	0.208	2.875	0.324	2295.3	2011-08-24
H3-WI-022_H3-03-022A	H3-WI-022	H3-03-022A	1.612	1.45	0.376	3.632	0.233	7606.6	2011-08-24
H3-WI-038AB_H1-02-038A	H3-WI-038AB	H1-02-038A	0.493	1.39	0.356	3.571	0.722	8216.9	2011-08-24
H3-WW.1	H3-IC	H3-INT-003	4.965	0.59	0.288	3.624	0.058	14717.3	2011-08-24
H3-WW_OF-H4-TG2	H3-WW	OF-H4-TG2	3.876	1.08	0.540	1.480	0.139	-10630.2	2011-08-24
H4 REGULATOR_HWF-INT-012	H3-INT-007	HWF-INT-012	1.625	0.57	0.454	2.844	0.279	25467.9	2011-08-24
H4-04-002_H4-04-003	H4-04-002	H4-04-003	9.290	1.47	0.036	2.800	0.004	401.4	2011-08-24
H4-04-003_H4-04-010	H4-04-003	H4-04-010	11.296	1.14	1.835	1.144	0.162	44237.3	2011-08-24
H4-04-004_H4-04-003	H4-04-004	H4-04-003	11.071	1.16	1.799	0.900	0.162	43847.4	2011-08-24

H4-04-005_H4-04-004	H4-04-005	H4-04-004	4.256	1.19	1.644	0.908	0.386	42285.4	2011-08-31
H4-04-006_H4-04-005	H4-04-006	H4-04-005	17.025	1.22	1.624	1.296	0.095	40682.8	2011-08-31
H4-04-007_H4-04-006	H4-04-007	H4-04-006	8.515	1.24	1.627	0.967	0.191	40740.6	2011-08-31
H4-04-008_H4-04-007	H4-04-008	H4-04-007	3.214	1.28	1.604	1.177	0.499	40717.5	2011-08-31
H4-04-010_H4	H4-04-010	H4	8.466	1.12	1.882	1.133	0.222	44504.6	2011-08-31
H4-07-080_H4-GA-005	H4-07-080	H4-GA-005	6.710	1.40	1.466	1.215	0.218	40312.9	2011-08-31
H4-07-090_H4-07-080	H4-07-090	H4-07-080	5.935	1.42	1.461	1.306	0.246	40310.4	2011-08-31
H4-07-090_H4-07-090A	H4-07-090A	H4-07-090	7.063	1.44	1.115	1.750	0.158	34317.3	2011-08-31
H4-07-100_H4-07-090A	H4-07-100	H4-07-090A	1.016	1.45	0.432	5.239	0.426	3517.5	2011-08-31
H4-07-140_H4-CL-027	H4-07-140	H4-CL-027	5.704	1.46	0.897	1.399	0.157	29078.9	2011-08-31
H4-07-150_H4-07-150A	H4-07-150	H4-07-150A	8.496	1.46	0.914	1.443	0.108	25995.6	2011-08-31
H4-07-150A_H4-07-140	H4-07-150A	H4-07-140	1.367	1.46	0.853	1.405	0.624	26786.7	2011-08-31
H4-07-160_H4-07-150	H4-07-160	H4-07-150	3.764	1.46	0.874	1.444	0.232	24785.1	2011-08-31
H4-07-170_H4-07-160	H4-07-170	H4-07-160	1.661	1.46	0.790	2.067	0.476	22718.8	2011-08-31
H4-07-180_H4-07-170	H4-07-180	H4-07-170	1.873	1.46	0.557	2.071	0.297	13292.3	2011-08-31
H4-07-190_H4-MA-015	H4-07-190	H4-MA-015	1.828	1.45	0.383	1.574	0.210	9947.6	2011-08-31
H4-07-200_H4-07-190	H4-07-200	H4-07-190	1.367	1.45	0.214	1.504	0.157	5090.2	2011-08-31
H4-AD-002_H4-AD-011	H4-AD-010	H4-AD-011	0.704	1.48	0.091	2.448	0.129	864.7	2011-08-31
H4-AD-011_H4-07-160	H4-AD-011	H4-07-160	0.393	1.47	0.183	3.388	0.466	1902.1	2011-08-31
H4-CL-001_H4-CL-004	H4-CL-001	H4-CL-004	0.347	1.62	0.080	3.390	0.230	873.1	2011-08-31
H4-CL-004_H4-CL-009	H4-CL-004	H4-CL-009	0.287	1.61	0.080	2.081	0.278	853.5	2011-08-31
H4-CL-009_H4-CL-013	H4-CL-009	H4-CL-013	0.634	1.58	0.170	2.273	0.268	1742.7	2011-08-31
H4-CL-013_H4-CL-016	H4-CL-013	H4-CL-016	0.391	1.54	0.202	2.996	0.516	1971.9	2011-08-31
H4-CL-016_H4-CL-017	H4-CL-016	H4-CL-017	0.981	1.50	0.251	2.961	0.255	2331.5	2011-08-31
H4-CL-017_H4-07-140	H4-CL-017	H4-07-140	0.761	1.48	0.251	3.997	0.329	2270.4	2011-08-31
H4-CL-018_H4-CL-022	H4-CL-020	H4-CL-022	0.091	1.58	0.101	4.248	1.102	991.6	2011-08-31
H4-CL-022_H4-CL-027	H4-CL-022	H4-CL-027	0.123	1.56	0.137	3.012	1.110	1861.5	2011-08-31
H4-CL-027_H4-07-090A	H4-CL-027	H4-07-090A	8.501	1.46	1.004	1.754	0.118	31216.3	2011-08-31
H4-GA-002_H4-04-008	H4-GA-002	H4-04-008	5.860	1.32	1.590	1.332	0.271	40775.0	2011-08-31
H4-GA-004_H4-GA-002	H4-GA-004	H4-GA-002	3.978	1.36	1.539	1.423	0.387	40574.0	2011-08-31
H4-GA-005_H4-GA-004	H4-GA-005	H4-GA-004	7.585	1.39	1.498	1.428	0.197	40476.2	2011-08-31
H4-GR-009_H4-07-150A	H4-GR-008	H4-07-150A	1.125	1.46	0.100	2.024	0.089	782.3	2011-08-31
H4-GR-010_H4-07-150	H4-GR-010	H4-07-150	0.457	1.47	-0.229	3.151	-0.501	1280.1	2011-08-31
H4-GR-011_H4-GR-010	H4-GR-011	H4-GR-010	0.481	1.48	-0.260	3.306	-0.540	931.3	2011-08-31
H4-GR-012_H4-GR-011	H4-GR-012	H4-GR-011	0.325	1.48	-0.076	4.440	-0.234	90.2	2011-08-31
H4-HA-001_H4-07-200	H4-HA-001	H4-07-200	0.641	1.45	0.083	3.782	0.129	909.2	2011-08-31
H4-HA-003_H4-HA-001	H4-HA-003	H4-HA-001	0.287	1.45	0.079	3.328	0.275	801.4	2011-08-31
H4-HA-004_H4-HA-003	H4-HA-004	H4-HA-003	0.346	1.45	-0.003	5.148	-0.009	170.4	2011-08-31
H4-HA-007_H4-HA-004	H4-HA-007	H4-HA-004	0.057	1.45	-0.002	5.132	-0.035	106.0	2011-08-31
H4-HU-001_H4-04-004	H4-HU-001	H4-04-004	14.891	5.89	0.102	2.419	0.007	1079.5	2011-08-31
H4-HU-002_H4-HU-001	H4-HU-002	H4-HU-001	0.000	6.29	0.072	0.927		742.2	2011-08-31
H4-JA-002_H1-JA-046	MH-T5-5STB	H1-JA-046	4.494	1.19	-0.211	3.481	-0.047	408.6	2011-08-31
H4-JA-002_H4-JA-003	H4-JA-002	H4-JA-003	0.100	1.23	-0.056	7.869	-0.556	23.3	2011-08-31
H4-JA-003_H4-JA-004	H4-JA-003	H4-JA-004	0.090	1.37	-0.050	10.358	-0.548	396.8	2011-08-31
H4-JA-004_H4-JA-006	H4-JA-004	H4-JA-006	1.741	1.41	-0.300	3.966	-0.172	-91.2	2011-08-31

H4-JA-006_H4-07-200	H4-JA-006	H4-07-200	1.361	1.44	-0.245	2.592	-0.180	922.9	2011-08-31
H4-JA-009_H4-07-200	H4-JA-009	H4-07-200	0.289	1.49	0.268	3.770	0.927	3238.3	2011-08-31
H4-JA-011_H4-JA-009	H4-JA-011	H4-JA-009	0.426	1.50	0.110	4.442	0.258	1277.4	2011-08-31
H4-JE-005_H4-07-170	H4-JE-005	H4-07-170	0.711	1.49	0.406	3.468	0.571	9158.5	2011-08-31
H4-JE-007_H4-JE-005	H4-JE-007	H4-JE-005	0.297	1.53	0.329	3.620	1.106	7890.4	2011-08-31
H4-JE-007_H5-JE-742	H4-JE-007	H5-JE-742	0.343	1.54	-0.300	3.750	-0.873	-7190.1	2011-08-31
H4-MA-001_H4-MA-006	H4-MA-001	H4-MA-006	0.374	1.43	-0.308	5.102	-0.825	2258.7	2011-08-31
H4-MA-006_H4-07-180	H4-MA-006	H4-07-180	0.375	1.45	-0.206	4.299	-0.551	3563.4	2011-08-31
H4-MA-008_H4-MA-015	H4-MA-008	H4-MA-015	1.755	1.45	-0.041	4.997	-0.024	-128.1	2011-08-31
H4-MA-015_H4-07-180	H4-MA-015	H4-07-180	6.278	1.45	0.388	2.165	0.062	9779.7	2011-08-31
H4-MO-001_H4-07-190	H4-MO-001	H4-07-190	3.493	1.43	0.265	3.266	0.076	4899.6	2011-08-31
H4-MO-002A_H4-MO-001	H4-MO-002A	H4-MO-001	0.681	1.43	0.286	4.242	0.421	4749.6	2011-08-31
H4-MO-004_H4-MO-002A	H4-MO-004	H4-MO-002A	0.521	1.41	0.236	4.965	0.453	4394.6	2011-08-31
H4-PA-005_H4-07-090	H4-PA-004	H4-07-090	1.442	1.51	0.444	2.729	0.308	5787.2	2011-08-31
H4-PA-005_H4-WI-013	H4-PA-005	H4-WI-013	0.925	1.55	-0.130	2.445	-0.140	-1180.0	2011-08-31
H4-PA-008_H4-PA-005	H4-PA-008	H4-PA-005	0.129	1.56	0.338	1.565	2.618	3466.1	2011-08-31
H4-PA-011_H4-PA-008	H4-PA-011	H4-PA-008	3.193	1.56	0.219	1.565	0.069	2347.4	2011-08-31
H4-PA-012_H4-PA-011	H4-PA-012	H4-PA-011	0.805	1.57	0.140	2.274	0.174	1508.1	2011-08-31
H4-PA-016_H4-PA-012	H4-PA-016	H4-PA-012	1.896	2.13	0.095	1.333	0.050	1015.8	2011-08-31
H4-WI-001_H4-WI-004	H4-WI-001	H4-WI-004	0.401	1.60	0.094	2.556	0.233	896.3	2011-08-31
H4-WI-004_H4-WI-005	H4-WI-004	H4-WI-005	1.077	1.60	0.111	1.645	0.103	886.8	2011-08-31
H4-WI-005_H4-WI-009	H4-WI-005	H4-WI-009	1.047	1.59	0.222	2.052	0.212	2129.8	2011-08-31
H4-WI-009_H4-WI-013	H4-WI-009	H4-WI-013	1.057	1.58	0.318	2.445	0.301	3318.0	2011-08-31
H4-WI-013_H4-07-100	H4-WI-013	H4-07-100	2.223	1.54	0.456	4.298	0.205	3324.3	2011-08-31
H4-WW.2	H4-WW	OF-H4-TG2	0.000	1.08	1.734	1.340		33450.4	2011-08-31
H5_GC to H5_OF Original	H5_Inflow_Dummy	H5_Outflow_Dummy	0.000	0.77	0.085	1.580		326.9	2011-08-31
H5_GC.3	H5-SF	H5_GC	14.198	0.78	1.614	0.388	0.114	39417.8	2011-08-31
H5_TideGate.1	H5_OF	Outfall6	0.000	0.95	-0.011	1.387		0.0	2011-08-31
H5_WW.3	H5-WW	H5-SF	0.000	0.79	1.614	0.972		39532.9	2011-08-31
H5-09-444_H5-WA-440	H5-09-444	H5-WA-440	0.264	5.08	0.013	2.046	0.050	142.6	2011-08-31
H5-09-804_H4-MO-004	H5-09-804	H4-MO-004	0.020	1.48	0.015	9.494	0.761	404.6	2011-08-31
H5-10-446_H5-WA-400	H5-10-446	H5-WA-400	0.194	2.72	0.013	4.682	0.068	142.2	2011-08-31
H5-11-010_H5-INT-008A	H5-11-010	H5-INT-008A	1.089	1.09	0.816	2.712	0.749	29653.7	2011-08-31
H5-11-010_H5-WA-350	H5-11-010	H5-WA-350	2.626	2.35	-0.691	3.660	-0.263	-17181.3	2011-08-31
H5-11-015_H5-11-010	H5-11-015	H5-11-010	1.609	2.98	1.173	2.359	0.729	13371.9	2011-08-31
H5-11-020.1	H5-INT-008A	H5	5.173	0.85	0.816	1.473	0.158	29663.0	2011-08-31
H5-11-316_H5-WA-350	H5-11-316	H5-WA-350	1.781	2.33	0.279	1.620	0.157	2703.6	2011-08-31
H5-11-318_H5-11-316	H5-11-318	H5-11-316	0.497	2.34	0.260	2.509	0.523	2529.4	2011-08-31
H5-11-510_H5-11-009	H5-11-510	H5-11-009	17.063	1.55	0.610	1.413	0.036	12841.0	2011-08-31
H5-11-520_H5-11-510	H5-11-520	H5-11-510	3.626	1.55	0.603	1.416	0.166	12703.3	2011-08-31
H5-11-530_H5-11-520	H5-11-530	H5-11-520	0.000	1.55	0.603	1.377		12855.5	2011-08-31
H5-11-560_H5-11-530	H5-11-560	H5-11-530	10.436	1.55	0.546	1.378	0.052	10553.5	2011-08-31
H5-11-580_H5-11-560	H5-11-580	H5-11-560	6.543	1.55	0.521	1.089	0.080	9195.5	2011-08-31
H5-11-580_H6-PA-582	H5-11-580	H6-PA-582	0.437	1.69	-0.116	9.153	-0.264	-9247.7	2011-08-31
H5-11-620_H5-11-580	H5-11-620	H5-11-580	6.860	1.55	0.401	1.304	0.058	-591.0	2011-08-31
H5-11-620_H5-WI-624	H5-11-620	H5-WI-624	0.963	1.62	-0.251	5.631	-0.261	-2768.2	2011-08-31

H5-11-630_H5-11-620	H5-11-630	H5-11-620	10.118	1.55	-0.403	1.009	-0.040	-3195.8	2011-08-24
H5-11-640_H5-11-630	H5-11-640	H5-11-630	4.380	1.55	-0.457	1.276	-0.104	-3660.7	2011-08-24
H5-11-640A_H7-SIP-006	H5-11-640A	H7-SIP-006	0.914	0.49	0.613	0.921	0.671	39636.9	2011-08-24
H5-11-650_H5-11-640	H5-11-650	H5-11-640	0.000	1.54	0.496	0.938		-811.2	2011-08-24
H5-11-670_H5-11-650	H5-11-670	H5-11-650	1.632	1.54	0.470	1.311	0.288	-2409.7	2011-08-24
H5-11-670_H5-GR-678	H5-11-670	H5-GR-678	0.429	1.54	-0.091	3.922	-0.213	-841.7	2011-08-24
H5-11-691_H5-11-670	H5-11-691	H5-11-670	2.929	1.53	-0.683	1.816	-0.233	-4927.5	2011-08-24
H5-11-710_H5-11-691	H5-11-710	H5-11-691	3.752	1.51	-0.657	1.337	-0.175	-4861.1	2011-08-24
H5-11-720_H5-11-710	H5-11-720	H5-11-710	3.751	1.51	-0.666	1.316	-0.177	-4929.0	2011-08-24
H5-11-730_H5-11-720	H5-11-730	H5-11-720	3.001	1.50	-0.661	1.288	-0.220	-5410.3	2011-08-24
H5-11-730_H5-JE-734	H5-11-730	H5-JE-734	0.733	1.49	0.186	3.648	0.254	508.0	2011-08-24
H5-11-750_H5-11-730	H5-11-750	H5-11-730	3.609	1.49	-0.666	2.348	-0.185	-1330.2	2011-08-24
H5-11-780_H5-11-750	H5-11-780	H5-11-750	1.090	1.48	-0.177	1.758	-0.162	-783.9	2011-08-24
H5-11-780_H5-MO-794	H5-11-780	H5-MO-794	0.737	1.48	0.194	3.912	0.264	2132.9	2011-08-24
H5-11-788_H5-11-780	H5-11-788	H5-11-780	0.787	1.48	0.055	3.467	0.070	758.1	2011-08-24
H5-12-013_H5-HU-012	H5-12-013	H5-HU-012	7.570	1.74	0.049	1.939	0.007	1232.9	2011-08-24
H5-12-594_H5-12-599	H5-12-594	H5-12-599	0.069	2.22	0.057	3.504	0.835	630.6	2011-08-24
H5-12-599_H5-12-602	H5-12-599	H5-12-602	0.433	2.16	0.057	1.758	0.133	630.4	2011-08-24
H5-12-608_H5-12-602	H5-12-608	H5-12-602	0.093	2.07	-0.144	4.286	-1.537	-1578.3	2011-08-24
H5-12-786_H5-MO-784	H5-12-786	H5-MO-784	0.590	1.48	0.001	2.861	0.001	43.7	2011-08-24
H5-AD-698_H5-11-691	H5-AD-698	H5-11-691	0.293	1.52	0.056	3.359	0.190	-301.7	2011-08-24
H5-AD-712_H5-11-710	H5-AD-712	H5-11-710	0.071	1.51	0.009	6.598	0.127	96.1	2011-08-24
H5-AD-717_H5-11-720	H5-AD-714	H5-11-720	0.051	1.51	0.045	6.452	0.878	565.8	2011-08-24
H5-AT-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.75	0.182	0.665	0.087	1961.6	2011-08-24
H5-BL-334_H5-11-318	H5-BL-334	H5-11-318	0.379	2.36	0.161	2.509	0.424	1517.9	2011-08-24
H5-BL-346_H5-BL-334	H5-BL-346	H5-BL-334	0.533	2.36	0.059	2.446	0.110	563.0	2011-08-24
H5-BL-354_H5-BL-346	H5-BL-354	H5-BL-346	0.136	2.80	0.034	3.442	0.247	380.3	2011-08-24
H5-CL-648_H5-11-640	H5-CL-648	H5-11-640	0.306	1.53	-0.168	3.730	-0.549	-2718.8	2011-08-24
H5-CL-662_H5-11-650	H5-CL-662	H5-11-650	0.427	1.62	0.124	3.283	0.291	1338.3	2011-08-24
H5-CP-071_H5-HU-151	H5-CP-071	H5-HU-151	1.016	6.76	0.445	3.022	0.438	4840.6	2011-08-24
H5-CP-097_H5-CP-071	H5-CP-097	H5-CP-071	1.167	7.48	0.447	1.132	0.383	4842.8	2011-08-24
H5-CP-104_H5-CP-097	H5-CP-104	H5-CP-097	0.245	14.40	0.120	2.095	0.492	1514.0	2011-08-24
H5-CP-112_H5-CP-104	H5-CP-112	H5-CP-104	0.030	14.70	0.036	1.051	1.192	576.1	2011-08-24
H5-CP-112_H5-ST-254	H5-CP-112	H5-ST-254	1.952	14.54	0.288	0.552	0.148	3183.7	2011-08-24
H5-Disharge1	H5_Outflow	H5_Outflow_Dummy	0.000	0.77	-0.001	2.496		-4.4	2011-08-24
H5-GA-001A_H6-GA-562	H6-GA-001A	H5-GA-562	0.097	2.33	0.087	1.079	0.902	452.0	2011-08-24
H5-GA-562_H5-11-560	H5-GA-562	H5-11-560	0.899	1.88	0.178	6.096	0.198	1423.4	2011-08-24
H5-GR-674_H5-11-670	H5-GR-674	H5-11-670	0.674	1.54	0.070	3.210	0.103	807.6	2011-08-24
H5-GR-682_H5-GR-678	H5-GR-682	H5-GR-678	1.236	1.55	0.091	3.925	0.074	885.4	2011-08-24
H5-GR-684_H5-GR-682	H5-GR-684	H5-GR-682	2.268	1.55	0.060	1.943	0.027	589.6	2011-08-24
H5-GR-688_H5-GR-682	H5-GR-688	H5-GR-682	2.219	1.55	0.004	4.215	0.002	35.6	2011-08-24
H5-HU-007_H5-HU-012	H5-HU-007	H5-HU-012	0.369	1.76	0.134	1.939	0.364	1270.1	2011-08-24
H5-HU-007_H6-HU-001	H5-HU-007	H6-HU-001	1.277	1.77	-0.089	1.997	-0.070	-418.0	2011-08-24
H5-HU-010_H5-11-009	H5-HU-010	H5-11-009	0.293	1.56	0.300	3.163	1.022	3937.3	2011-08-24
H5-HU-012_H5-HU-010	H5-HU-012	H5-HU-010	0.638	1.71	0.283	2.307	0.444	3785.8	2011-08-24
H5-HU-015_H5-12-013	H5-HU-015	H5-12-013	0.110	2.30	0.050	0.472	0.454	1233.1	2011-08-24

H5-HU-017_H5-HU-015	H5-HU-017	H5-HU-015	0.088	2.86	0.041	0.912	0.463	453.5	2011-08-24
H5-HU-020_H5-11-015	H5-HU-020	H5-11-015	1.181	4.40	1.101	2.892	0.932	12586.6	2011-08-24
H5-HU-040_H5-HU-020	H5-HU-040	H5-HU-020	1.536	5.61	1.061	3.591	0.691	11868.7	2011-08-24
H5-HU-150A_H5-HU-151	H5-HU-150A	H5-HU-151	1.594	5.98	0.664	2.418	0.416	6691.7	2011-08-24
H5-HU-151_H5-HU-040	H5-HU-151	H5-HU-040	2.415	5.87	1.026	3.468	0.425	11528.2	2011-08-24
H5-HU-200A_H5-HU-150A	H5-HU-200A	H5-HU-150A	1.540	6.10	0.648	2.195	0.421	6303.8	2011-08-24
H5-HU-250_H5-HU-200A	H5-HU-250	H5-HU-200A	1.342	6.11	0.463	1.252	0.345	4832.5	2011-08-24
H5-HU-272_H5-HU-250	H5-HU-272	H5-HU-250	1.408	6.21	0.019	0.536	0.013	166.9	2011-08-24
H5-HW-542_H5-11-530	H5-HW-542	H5-11-530	0.161	2.06	0.183	1.003	1.139	1981.2	2011-08-24
H5-IC.1	H5-IC	11PS	2.666	0.90	0.197	3.536	0.074	14587.0	2011-08-24
H5-INT-001_H5-11-640A	H5-INT-001	H5-11-640A	1.345	0.56	0.613	0.931	0.456	40298.8	2011-08-24
H5-INT-002_H5-INT-001	H5-INT-002	H5-INT-001	2.021	0.61	0.440	1.525	0.218	26133.7	2011-08-24
H5-INT-003_H5-INT-002	H5-INT-003	H5-INT-002	0.000	0.64	0.440	1.077		26156.2	2011-08-24
H5-INT-004_H5-INT-003	H5-INT-004	H5-INT-003	1.551	5.86	0.440	0.364	0.284	26170.9	2011-08-24
H5-INT-004A_H5-INT-004	H5-INT-004A	H5-INT-004	0.982	6.44	0.440	0.617	0.448	26224.0	2011-08-24
H5-INT-004B_H5-INT-004A	H5-INT-004B	H5-INT-004A	1.220	7.12	0.440	0.570	0.361	26290.5	2011-08-24
H5-INT-005_H5-INT-004B	H5-INT-005	H5-INT-004B	0.487	7.46	0.440	0.661	0.904	26348.3	2011-08-24
H5-INT-006_H5-INT-005	H5-INT-006	H5-INT-005	0.000	7.50	0.440	0.701		26421.1	2011-08-24
H5-INT-007_H5-INT-006	H5-INT-007	H5-INT-006	0.740	7.59	0.440	0.736	0.595	26446.1	2011-08-24
H5-INT-007A_H5-INT-007	H5-INT-007A	H5-INT-007	1.246	8.11	0.440	0.711	0.353	26481.3	2011-08-24
H5-INT-008_11th St PS	H5-11-020	H5-INT-001	0.519	0.61	0.173	1.036	0.334	14523.6	2011-08-24
H5-INT-009_H5-INT-008	H5-INT-009	H5-INT-008	0.245	0.93	0.208	3.617	0.850	9165.2	2011-08-24
H5-INT-010_H5-INT-009	H5-INT-010	H5-INT-009	0.806	0.95	0.196	3.695	0.244	9131.4	2011-08-24
H5-JE-734_H5-JE-736A	H5-JE-734	H5-JE-736A	0.814	1.45	0.188	5.496	0.231	615.8	2011-08-24
H5-JE-736A_H7-JE-007	H5-JE-736A	H7-JE-007	0.922	1.39	0.174	4.350	0.189	920.3	2011-08-24
H5-JE-742_H5-11-730	H5-JE-742	H5-11-730	0.298	1.53	-0.246	5.084	-0.826	-3925.8	2011-08-24
H5-JK-798_H5-09-804	H5-JK-798	H5-09-804	0.071	1.55	0.032	5.817	0.454	458.0	2011-08-24
H5-JK-798_H5-MO-794	H5-JK-798	H5-MO-794	0.077	1.56	0.026	7.825	0.333	206.1	2011-08-24
H5-MA-754_H5-11-750	H5-MA-754	H5-11-750	0.141	1.46	-0.257	4.655	-1.823	-315.6	2011-08-24
H5-MA-756_H5-MA-754	H5-MA-756	H5-MA-754	0.756	1.41	-0.258	5.595	-0.342	-415.9	2011-08-24
H5-MA-756A_H5-MA-756	H5-MA-756A	H5-MA-756	0.065	1.36	-0.034	7.388	-0.515	-126.6	2011-08-24
H5-MA-762_H5-11-750	H5-MA-762	H5-11-750	1.124	1.47	-0.311	3.998	-0.276	-685.8	2011-08-24
H5-MA-762_H5-MA-768	H5-MA-764	H5-MA-768	0.098	1.35	0.047	8.216	0.474	970.8	2011-08-24
H5-MA-768_H4-MA-001	H5-MA-768	H4-MA-001	1.262	1.36	-0.215	6.052	-0.171	1443.6	2011-08-24
H5-MO-784_H5-11-780	H5-MO-784	H5-11-780	1.034	1.48	-0.006	2.774	-0.006	210.4	2011-08-24
H5-MO-794_H4-MO-004	H5-MO-794	H4-MO-004	0.307	1.45	0.193	5.060	0.627	4222.3	2011-08-24
H5-SF.3	H5-INT-008	H5-IC	2.555	0.91	0.208	3.519	0.081	9119.7	2011-08-24
H5-SH-052_H5-HU-040	H5-SH-052	H5-HU-040	0.060	5.86	0.026	10.403	0.430	222.5	2011-08-24
H5-ST-078_H5-CP-097	H5-ST-078	H5-CP-097	0.076	9.76	0.257	6.353	3.367	2579.5	2011-08-24
H5-ST-084_H5-ST-078	H5-ST-084	H5-ST-078	0.185	13.68	0.158	9.240	0.854	1542.0	2011-08-24
H5-ST-096_H5-ST-084	H5-ST-096	H5-ST-084	0.125	21.48	0.074	7.129	0.591	734.3	2011-08-24
H5-ST-114_H5-CP-112	H5-ST-114	H5-CP-112	0.104	22.06	0.118	9.542	1.134	1191.7	2011-08-24
H5-ST-116_H5-ST-114	H5-ST-116	H5-ST-114	0.118	25.04	0.079	15.411	0.673	796.6	2011-08-24
H5-ST-124_H5-CP-112	H5-ST-124	H5-CP-112	0.085	19.43	0.120	10.488	1.410	1740.8	2011-08-24
H5-ST-128_H5-ST-124	H5-ST-128	H5-ST-124	0.084	20.53	0.109	12.443	1.298	1492.8	2011-08-24

H5-ST-134_H5-ST-128	H5-ST-134	H5-ST-128	0.158	21.05	0.095	11.474	0.603	1124.3	2011-08-24
H5-ST-136_H5-ST-134	H5-ST-136	H5-ST-134	0.087	21.86	0.110	14.056	1.264	1124.6	2011-08-24
H5-ST-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.75	0.182	0.665	0.087	1961.6	2011-08-24
H5-ST-254_H5-ST-252	H5-ST-254	H5-ST-252	1.967	10.85	0.323	0.414	0.164	3504.1	2011-08-24
H5-WA-350_H5-WA-356	H5-WA-350	H5-WA-356	3.976	2.32	0.384	2.384	0.096	1171.4	2011-08-24
H5-WA-356_H6-WA-004	H5-WA-356	H6-WA-004	0.144	2.31	0.068	3.978	0.473	1319.1	2011-08-24
H5-WA-400_H5-WA-350	H5-WA-400	H5-WA-350	1.233	2.33	0.398	1.620	0.323	5369.1	2011-08-24
H5-WA-440_H5-WA-400	H5-WA-440	H5-WA-400	0.397	2.33	0.193	1.873	0.486	3777.8	2011-08-24
H5-WA-480_H5-WA-440	H5-WA-480	H5-WA-440	1.078	2.35	0.203	0.818	0.188	2351.0	2011-08-24
H5-WA-480A_H5-WA-480	H5-WA-480A	H5-WA-480	0.786	2.41	0.050	0.362	0.064	549.9	2011-08-24
H5-WA-490_H5-WA-480	H5-WA-490	H5-WA-480	1.124	2.36	0.079	0.362	0.070	901.1	2011-08-24
H5-WA-490A_H5-WA-490	H5-WA-490A	H5-WA-490	0.732	2.38	0.039	0.324	0.054	416.3	2011-08-24
H5-WI-606_H5-12-602	H5-WI-606	H5-12-602	0.126	2.18	0.046	2.929	0.369	521.1	2011-08-24
H5-WI-612_H5-12-608	H5-WI-612	H5-12-608	0.008	3.14	0.023	14.498	3.025	252.3	2011-08-24
H5-WI-624_H5-12-608	H5-WI-624	H5-12-608	0.219	1.83	-0.252	3.791	-1.149	-2782.3	2011-08-24
H6 REGULATOR_H5-INT-010	H6-IC	H5-INT-010	1.895	0.97	0.196	3.427	0.104	9225.9	2011-08-24
H6-14-001_H6-14-002	H6-14-001	H6-14-002	0.146	2.12	0.095	6.661	0.646	-307.9	2011-08-24
H6-14-002_H6-14-003A	H6-14-002	H6-14-003A	0.204	2.04	0.094	5.784	0.464	-313.2	2011-08-24
H6-14-003_H6-14-006	H6-14-003	H6-14-006	0.613	1.95	0.360	3.246	0.587	3488.9	2011-08-24
H6-14-003A_H6-14-003B	H6-14-003A	H6-14-003B	0.735	1.98	0.094	5.769	0.128	-318.9	2011-08-24
H6-14-003B_H6-14-003	H6-14-003B	H6-14-003	4.700	1.97	0.094	3.179	0.020	-313.0	2011-08-24
H6-14-006_H6-14-008	H6-14-006	H6-14-008	1.659	1.90	0.440	3.019	0.265	4385.6	2011-08-24
H6-14-008_H6-14-010	H6-14-008	H6-14-010	0.742	1.82	0.637	3.022	0.858	8911.6	2011-08-24
H6-14-010A_H6-14-010	H6-14-010A	H6-14-010	0.078	2.20	0.207	8.811	2.655	3165.3	2011-08-24
H6-14-010B_H6-14-010A	H6-14-010B	H6-14-010A	0.046	3.54	0.140	12.779	3.020	1990.2	2011-08-24
H6-14-010C_H6-14-010B	H6-14-010C	H6-14-010B	0.064	4.45	0.099	14.400	1.559	1570.0	2011-08-24
H6-14-020.1	H6-14-020	H6	0.230	1.45	-0.005	4.538	-0.023	-16.1	2011-08-24
H6-GA-001A_H6-GA-005	H6-GA-001A	H6-GA-005	0.161	2.41	0.048	6.011	0.296	514.8	2011-08-24
H6-GA-005_H6-GA-008	H6-GA-005	H6-GA-008	0.091	2.36	0.105	4.028	1.155	1644.0	2011-08-24
H6-GA-008_H6-14-003	H6-GA-008	H6-14-003	0.159	2.01	0.123	6.662	0.771	1894.5	2011-08-24
H6-GA-009_H6-14-003	H6-GA-009	H6-14-003	4.947	1.97	0.080	1.479	0.016	1104.3	2011-08-24
H6-HU-001_H6-HU-002	H6-HU-001	H6-HU-003	0.064	1.76	-0.052	5.836	-0.811	352.1	2011-08-24
H6-HU-001A_H6-HU-001	H6-HU-001A	H6-HU-001	0.087	1.84	0.032	6.033	0.366	390.4	2011-08-24
H6-HU-003_H6-14-010	H6-HU-003	H6-14-010	0.368	1.74	0.046	6.043	0.125	656.3	2011-08-24
H6-HW-001_H6-14-006	H6-HW-001	H6-14-006	0.199	2.02	0.059	3.671	0.297	706.3	2011-08-24
H6-HW-001A_H5-HW-542	H6-HW-001A	H5-HW-542	0.207	2.31	0.007	1.176	0.035	0.4	2011-08-24
H6-HW-001A_H6-HW-001	H6-HW-001A	H6-HW-001	0.474	2.31	0.000	1.083	0.000	0.6	2011-08-24
H6-PA-001_H6-PA-002	H6-PA-001	H6-PA-002	0.125	2.24	-0.136	5.193	-1.087	-2692.2	2011-08-24
H6-PA-002_H6-PA-007	H6-PA-002	H6-PA-007	0.055	2.36	-0.064	7.862	-1.160	-1726.8	2011-08-24
H6-PA-007_H6-14-001	H6-PA-007	H6-14-001	0.101	2.34	0.074	6.589	0.729	-556.7	2011-08-24
H6-PA-582_H6-PA-588	H6-PA-582	H6-PA-588	0.062	2.94	-0.108	5.031	-1.750	-9251.3	2011-08-24
H6-PA-588_H6-PA-592	H6-PA-588	H6-PA-592	0.631	3.95	-0.215	6.401	-0.340	-9257.6	2011-08-24
H6-PA-592_H6-PA-001	H6-PA-592	H6-PA-001	0.068	2.05	-0.143	4.198	-2.110	-2690.0	2011-08-24
H6-WA-004_H6-WA-009	H6-WA-004	H6-WA-009	0.229	2.25	0.122	5.035	0.535	2559.7	2011-08-24
H6-WA-009_H6-WA-010	H6-WA-009	H6-WA-010	0.206	2.21	0.137	5.196	0.667	3497.2	2011-08-24
H6-WA-010_H6-14-008	H6-WA-010	H6-14-008	0.214	2.09	0.137	6.038	0.642	3492.3	2011-08-24

H6WW_Outfall8	H6-WW	H7-15-012D	0.987	1.32	0.805	2.186	0.815	11276.5	2011-08-24
H7 REGULATOR_H7-INT-001	H7-IC	H7-INT-001	2.469	1.00	0.150	3.408	0.061	8162.9	2011-08-24
H7-15_Sta0+00.1	H7-15_Sta0+00	H7-15_Sta2+42.5+	0.074	1.07	-0.005	3.031	-0.071	-13.6	2011-08-24
H7-15_Sta2+42.5+.1	H7-15_Sta2+42.5+	H7-15-150	0.075	1.07	-0.025	3.105	-0.330	-151.6	2011-08-24
H7-15-001_H7-15-002	H7-15-001	H7-15-002	4.092	1.31	-0.228	1.840	-0.056	-96.9	2011-08-24
H7-15-001_H7-MA-008	H7-15-001	H7-MA-008	0.280	1.30	0.128	2.790	0.457	-316.8	2011-08-24
H7-15-002_H7-15-003	H7-15-002	H7-15-003	5.097	1.31	0.231	1.945	0.045	2086.7	2011-08-24
H7-15-002_H7-JE-003	H7-15-002	H7-JE-003	1.585	1.31	-0.083	5.249	-0.052	-16.0	2011-08-24
H7-15-003_H7-15-004	H7-15-003	H7-15-004	4.178	1.31	0.292	1.423	0.070	2785.5	2011-08-24
H7-15-003_H7-AD-003	H7-15-003	H7-AD-003	0.097	1.32	-0.068	4.269	-0.697	-773.1	2011-08-24
H7-15-004_H7-15-005	H7-15-004	H7-15-005	2.549	1.31	0.345	0.983	0.135	4682.6	2011-08-24
H7-15-004_H7-GR-010	H7-15-004	H7-GR-010	0.384	1.31	-0.042	3.587	-0.109	-394.9	2011-08-24
H7-15-005_H7-15-006	H7-15-005	H7-15-006	2.721	1.31	0.575	1.012	0.211	9902.8	2011-08-24
H7-15-005_H7-CL-010	H7-15-005	H7-CL-010	0.785	1.41	-0.256	4.720	-0.326	-3850.9	2011-08-24
H7-15-006_H7-15-007	H7-15-006	H7-15-007	1.329	1.29	0.616	2.093	0.464	10546.6	2011-08-24
H7-15-007_H7-15-008	H7-15-007	H7-15-008	1.566	1.22	1.002	1.447	0.640	16804.9	2011-08-24
H7-15-008_H7-15-009	H7-15-008	H7-15-009	0.243	1.16	1.002	0.824	4.132	16750.1	2011-08-24
H7-15-009_H7-15-012B1	H7-15-009	H7-15-012B1	4.936	1.15	1.142	0.961	0.231	18325.5	2011-08-24
H7-15-010.1	H7-15-010	H7	0.124	1.11	-0.039	4.267	-0.318	-292.3	2011-08-24
H7-15-012B_H7-15-012D	H7-15-012B	H7-15-012D	9.189	1.10	1.062	0.937	0.116	10518.3	2011-08-24
H7-15-012B1_H7-15-012B	H7-15-012B1	H7-15-012B	8.391	1.13	1.185	1.289	0.141	18435.2	2011-08-24
H7-15-100.1	H7-15-100	H7-15-010	0.056	1.10	-0.038	4.087	-0.671	-274.0	2011-08-24
H7-15-110.1	H7-15-110	H7-15-100	0.147	1.09	-0.025	3.940	-0.168	-217.7	2011-08-24
H7-15-150.1	H7-15-150	H7-15-991	0.049	1.08	-0.025	3.674	-0.499	-184.3	2011-08-24
H7-15-991.1	H7-15-991	H7-15-110	0.049	1.09	-0.025	3.718	-0.499	-205.2	2011-08-24
H7-AD-001_H7-AD-002	H7-AD-001	H7-AD-002	0.674	1.31	-0.009	4.097	-0.014	187.7	2011-08-24
H7-AD-002_H7-15-003	H7-AD-002	H7-15-003	0.830	1.31	-0.019	4.765	-0.023	137.5	2011-08-24
H7-AD-003_H7-AD-004	H7-AD-003	H7-AD-004	0.344	1.32	-0.066	4.887	-0.191	-633.9	2011-08-24
H7-AD-004_H7-AD-005	H7-AD-004	H7-AD-005	0.641	1.33	-0.066	4.773	-0.103	-672.3	2011-08-24
H7-AD-005_H7-AD-006	H7-AD-005	H7-AD-006	0.098	1.46	-0.066	6.432	-0.674	-687.3	2011-08-24
H7-AD-006_H5-AD-698	H7-AD-006	H5-AD-698	0.191	1.52	-0.063	5.124	-0.333	-554.6	2011-08-24
H7-CL-001_H7-CL-004	H7-CL-001	H7-CL-004	0.054	1.27	-0.068	5.036	-1.270	-1272.6	2011-08-24
H7-CL-004_H7-CL-006	H7-CL-004	H7-CL-006	0.651	1.32	-0.035	3.730	-0.054	-121.2	2011-08-24
H7-CL-006_H7-15-005	H7-CL-006	H7-15-005	0.482	1.32	0.105	4.439	0.218	1035.9	2011-08-24
H7-CL-010_H5-CL-648	H7-CL-010	H5-CL-648	0.206	1.47	-0.212	4.567	-1.032	-3273.8	2011-08-24
H7-GR-001_H7-GR-003	H7-GR-001	H7-GR-003	0.074	1.36	-0.062	8.391	-0.837	-1116.6	2011-08-24
H7-GR-003_H7-GR-004	H7-GR-003	H7-GR-004	0.058	1.38	0.046	3.892	0.792	336.6	2011-08-24
H7-GR-004_H7-GR-005	H7-GR-004	H7-GR-005	0.739	1.34	0.094	3.312	0.128	971.1	2011-08-24
H7-GR-005_H7-GR-006	H7-GR-005	H7-GR-006	1.249	1.33	0.094	3.214	0.076	943.6	2011-08-24
H7-GR-006_H7-15-004	H7-GR-006	H7-15-004	0.239	1.33	0.140	2.859	0.586	1582.8	2011-08-24
H7-GR-010_H7-GR-013	H7-GR-010	H7-GR-013	0.084	1.52	-0.042	8.639	-0.496	-418.4	2011-08-24
H7-GR-013_H5-GR-674	H7-GR-013	H5-GR-674	0.559	1.54	-0.039	5.152	-0.070	-275.7	2011-08-24
H7-INT-001_H6-INT-002	H7-INT-001	H6-IC	0.584	0.99	0.150	3.592	0.256	8125.7	2011-08-24
H7-JE-001_H7-15-002	H7-JE-001	H7-15-002	1.178	1.33	0.174	3.682	0.148	2422.1	2011-08-24
H7-JE-003_H7-JE-004	H7-JE-003	H7-JE-004	0.424	1.30	-0.080	4.586	-0.189	100.3	2011-08-24
H7-JE-006_H7-JE-004	H7-JE-006	H7-JE-004	0.413	1.30	0.061	4.243	0.147	472.2	2011-08-24

H7-JE-007_H7-JE-006	H7-JE-007	H7-JE-006	0.090	1.34	0.061	9.847	0.681	495.0	2011-08-31
H7-MA-001_H7-MA-002	H7-MA-001	H7-MA-002	0.048	1.31	0.001	4.786	0.011	29.3	2011-08-31
H7-MA-002_H7-MA-004	H7-MA-002	H7-MA-004	0.044	1.31	0.004	4.849	0.093	26.9	2011-08-31
H7-MA-003_H7-MA-004	H7-MA-003	H7-MA-004	0.044	1.31	0.001	4.849	0.033	110.2	2011-08-31
H7-MA-004_H7-MA-006	H7-MA-004	H7-MA-006	0.043	1.31	0.006	5.368	0.136	130.7	2011-08-31
H7-MA-006_H7-15-001	H7-MA-006	H7-15-001	0.641	1.31	0.006	2.993	0.009	125.3	2011-08-31
H7-MA-008_H5-MA-756A	H7-MA-008	H5-MA-756A	0.036	1.29	-0.034	6.102	-0.950	-81.8	2011-08-31
H7-PA-001_H7-PA-004	H7-PA-001	H7-PA-004	0.056	1.61	0.039	7.547	0.702	151.1	2011-08-31
H7-PA-004_H7-PA-005	H7-PA-004	H7-PA-005	0.072	1.37	0.104	3.123	1.435	1131.7	2011-08-31
H7-PA-005_H7-PA-007	H7-PA-005	H7-PA-007	0.065	1.23	-0.042	5.120	-0.648	-505.0	2011-08-31
H7-PA-007B_H7-PA-007	H7-PA-007B	H7-PA-007	3.730	1.26	0.011	2.021	0.003	136.7	2011-08-31
H7-PA-011_H7-15-009	H7-PA-011	H7-15-009	0.087	1.81	0.076	5.768	0.870	1138.0	2011-08-31
H7-SIP-006_H7-SIP-005	H7-SIP-006	WWTP	0.000	0.17	0.613	0.405		39615.4	2011-08-31
H7-WI-001_H7-WI-002	H7-WI-001	H7-WI-002	0.101	1.90	0.060	3.712	0.595	811.1	2011-08-31
H7-WI-002_H7-WI-003	H7-WI-002	H7-WI-003	0.274	1.88	0.089	3.489	0.323	899.5	2011-08-31
H7-WI-003_H7-WI-004	H7-WI-003	H7-WI-004	0.231	1.85	0.096	5.840	0.416	890.7	2011-08-31
H7-WI-004_H7-WI-005	H7-WI-004	H7-WI-005	0.133	1.83	0.099	3.657	0.743	883.6	2011-08-31
H7-WI-005_H7-WI-009	H7-WI-005	H7-WI-009	0.190	1.82	0.106	4.324	0.557	872.6	2011-08-31
H7-WI-007_H7-WI-009	H7-WI-007	H7-WI-009	0.065	1.98	0.043	7.567	0.672	589.1	2011-08-31
H7-WI-009_H7-15-007	H7-WI-010	H7-15-007	0.287	1.51	0.212	3.390	0.736	3315.2	2011-08-31
H7-WI-013_H7-15-007	H7-WI-013	H7-15-007	0.713	1.31	0.164	3.390	0.230	2066.5	2011-08-31
H7-WI-014A_H7-WI-014	H7-WI-014A	H7-WI-013	0.989	1.32	0.128	2.926	0.129	1542.9	2011-08-31
H7-WI-015_H7-15-006	H7-WI-015	H7-15-006	0.418	1.31	0.037	3.469	0.088	497.9	2011-08-31
H7-WI-017_H7-WI-014A	H7-WI-017	H7-WI-014A	0.827	1.34	0.110	2.933	0.133	1341.1	2011-08-31
H7-WI-017B_H7-WI-017	H7-WI-017B	H7-WI-017	0.100	1.37	0.024	4.923	0.245	306.1	2011-08-31
H7-WI-019_H7-WI-017	H7-WI-019	H7-WI-017	0.252	1.35	0.010	2.614	0.041	113.6	2011-08-31
H7-WW.1	H7-WW	H7-15-012B	0.000	1.11	-0.168	0.974		-8488.1	2011-08-31
HHA-FM_DITCH	HHA-FM	HHA-OF	0.156	7.55	0.317	23.533	2.036	8049.8	2011-08-31
HSI.1	HSI	5PS	0.309	0.95	0.071	0.325	0.228	1266.4	2011-08-31
HSI-05-002A_HSI-05-002	HSI-05-002A	HSI-05-002	0.264	5.36	0.097	3.120	0.368	1126.7	2011-08-31
HSI-05-010.1	HSI-05-010	HSI	0.590	3.45	0.392	0.640	0.664	4669.2	2011-08-31
HSI-RI-001_HSI-RI-003A	HSI-RI-001	HSI-RI-003A	0.268	12.70	0.075	1.247	0.281	919.4	2011-08-31
HSI-RI-003A_HSI-RI-008	HSI-RI-003A	HSI-RI-008	0.303	11.18	0.216	1.181	0.713	2624.2	2011-08-31
HSI-RI-004A_HSI-RI-003A	HSI-RI-004A	HSI-RI-003A	0.117	14.46	0.124	3.096	1.057	1501.2	2011-08-31
HSI-RI-004AV_HSI-RI-004A	HSI-RI-004AV	HSI-RI-004A	0.000	15.83	0.095	10.634		1075.8	2011-08-31
HSI-RI-004B_HSI-RI-004AV	HSI-RI-004B	HSI-RI-004AV	0.000	17.16	0.095	17.191		1076.1	2011-08-31
HSI-RI-004C_HSI-RI-004B	HSI-RI-004C	HSI-RI-004B	0.000	18.34	0.046	22.963		450.0	2011-08-31
HSI-RI-004E_HSI-RI-004B	HSI-RI-004E	HSI-RI-004B	0.000	20.78	0.059	34.996		627.2	2011-08-31
HSI-RI-004H_HSI-RI-004A	HSI-RI-004H	HSI-RI-004A	0.182	15.35	0.041	5.217	0.226	425.9	2011-08-31
HSI-RI-008_HSI-05-002	HSI-RI-008	HSI-05-002	0.478	7.72	0.284	2.496	0.594	3413.9	2011-08-31
HWF-INT-012_HWF-INT-013	HWF-INT-012	5PS	1.537	0.56	0.441	2.929	0.287	25388.1	2011-08-31
HWF-INT-016A_H5-INT-007A	HWF-INT-016A	H5-INT-007A	0.267	8.38	0.440	0.687	1.650	26539.9	2011-08-31
Link_10	Node_77	Outfall8	10.635	0.96	1.866	1.616	0.175	21674.7	2011-08-31
Link_103	H4-IC	H3-INT-007	2.656	0.58	0.215	2.933	0.081	10950.5	2011-08-31
Link_11	H6-14-010	H6	1.117	1.63	0.858	2.190	0.768	12577.3	2011-08-31

Link_110	HSI-OF	HWF-INT-016	5.961	1.08	0.321	0.907	0.054	3396.1	2011-08-24
Link_112	Node_32	Node_61	2.333	1.06	0.368	1.012	0.158	3687.2	2011-08-24
Link_113	Node_45	Node_64	149.390	1.05	7.813	0.312	0.052	106783.8	2011-08-24
Link_115	Node_62	Node_40	777.648	0.96	7.814	0.315	0.010	104769.3	2011-08-24
Link_116	Node_66	Node_39	483.665	0.95	0.714	0.989	0.001	17117.6	2011-08-24
Link_12	Node_75	Node_10	3.277	0.96	0.204	3.635	0.062	2476.0	2011-08-24
Link_120	H5_GC	H5_Inflow_Dummy	0.000	0.78	1.614	1.587		39256.3	2011-08-24
Link_121	H5_Outflow_Dummy	H5_OF	0.000	0.77	0.035	1.580		137.2	2011-08-24
Link_128	H7-PA-005	Node_74	2.723	0.98	0.204	2.673	0.075	2476.0	2011-08-24
Link_131	H7-15-012D	Node_76	12.682	1.04	1.866	1.469	0.147	21685.7	2011-08-24
Link_133	14VO-14-007	Node_78	0.417	1.42	0.287	1.212	0.688	4435.5	2011-08-24
Link_135	Node_80	5	0.000	0.96	2.595	1.012		25889.0	2011-08-24
Link_137	Outfall3Gate2	Outfall3	2.174	1.00	0.974	2.197	0.448	13730.6	2011-08-24
Link_138	OF-H1-V2	HWF-OB-001	0.603	0.95	0.000	2.105	0.000	0.0	2011-08-24
Link_139	H4-PA-004	H4-PA-005	1.720	1.53	-0.444	2.159	-0.258	-5858.0	2011-08-24
Link_140	H1-HA-130	PR_DH_MH1	0.559	1.20	-0.087	1.907	-0.156	-2103.1	2011-08-24
Link_143	RG-3	H2-WA-005A	1.342	5.01	0.000	0.161	0.000	10.5	2011-08-24
Link_166	HHA-OF	Node_92	10.895	2.74	0.464	0.326	0.043	7969.2	2011-08-24
Link_167	Node_92	Node_34	18.012	2.63	1.529	0.639	0.085	20384.4	2011-08-24
Link_168	H1-OB-122A	MH-T7-OBS	1.169	1.17	-0.492	3.047	-0.421	-5423.0	2011-08-24
Link_170	H1-OB-101	MH-T5-OBS	0.357	1.21	0.193	3.509	0.540	5409.9	2011-08-24
Link_171	T5-OBS_A	MH-T5-OBS	0.106	1.16	-0.116	8.532	-1.100	35.4	2011-08-24
Link_173	H1-OB-080A	H1-OB-077	3.082	1.19	1.311	2.378	0.426	53041.1	2011-08-24
Link_175	MH-T6-NEW	H1-NE-029A	1.182	1.21	0.182	3.085	0.154	6515.4	2011-08-24
Link_177	H1-JA-034	MH-T2-2STB	1.267	1.19	0.323	4.932	0.255	5658.4	2011-08-24
Link_183	Node_118	T2-4ST	0.000	1.33	0.000	1.503		0.0	2011-08-24
Link_203	H4-JA-002	MH-T5-5STB	6.157	1.19	0.130	2.613	0.021	474.5	2011-08-24
Link_241	H5-MA-762	H5-MA-764	0.098	1.40	0.102	5.559	1.036	1225.9	2011-08-24
Link_246	H1-MA-048	H1-MA-044	0.530	1.28	0.214	3.348	0.403	2665.9	2011-08-24
Link_257	H1-JE-023	H1-01-080	0.121	1.26	0.344	1.852	2.843	13837.5	2011-08-24
Link_260	H5-AD-717	H5-AD-714	0.051	1.59	0.040	6.303	0.794	520.8	2011-08-24
Link_263	H4-AD-002	H4-AD-010	0.704	1.48	0.075	2.410	0.106	741.1	2011-08-24
Link_266	H1-AD-048	H1-AD-043	0.585	1.37	0.227	2.780	0.388	2544.0	2011-08-24
Link_272	H4-GR-009	H4-GR-008	1.125	1.46	0.074	1.787	0.066	811.4	2011-08-24
Link_277	H1-GR-046	H1-GR-038	0.504	1.41	0.164	2.801	0.326	1774.2	2011-08-24
Link_294	H3-05-090	H3-WI-015	0.881	1.47	0.316	3.812	0.358	6398.3	2011-08-24
Link_296	H7-WI-009	H7-WI-010	0.287	1.70	0.222	2.953	0.773	3212.6	2011-08-24
Link_300	H4-CL-018	H4-CL-020	0.091	1.60	0.084	4.314	0.924	955.2	2011-08-24
Link_307	H1-GA-017	H1-GA-012	1.135	1.21	0.753	1.906	0.663	20209.8	2011-08-24
Link_312	Node_91	HHA-OF	10.895	2.74	-0.104	0.141	-0.010	-7.4	2011-08-24
Link_314	T7-OBS	T7OBS-Weir-Dummy	0.000	1.17	-0.081	1.469		60.8	2011-08-24
Link_34	Node_30	Node_31	19.937	1.10	-0.014	0.188	-0.001	-101.5	2011-08-24
Link_35	Node_61	Node_33	2.333	1.06	0.360	0.620	0.154	3492.3	2011-08-24
Link_36	Node_67	Node_32	0.469	1.09	0.149	3.363	0.318	1624.3	2011-08-24
Link_38	Node_31	Node_35	0.253	1.20	-0.112	1.076	-0.443	-1346.8	2011-08-24
Link_382	NJT-OVERFLOW	Node_37	0.830	1.16	0.713	0.554	0.859	17910.2	2011-08-24

Link_39	Node_35	Node_36	0.820	2.03	-0.490	0.540	-0.597	-2225.0	2011-08-24
Link_4	H2-OF	Outfall3Gate1	1.429	1.31	0.974	2.429	0.682	13762.1	2011-08-24
Link_40	Node_36	NJT-OVERFLOW	0.843	1.57	0.766	0.707	0.908	18050.7	2011-08-24
Link_41	Node_37	Node_38	9.091	1.02	0.714	2.204	0.079	17510.7	2011-08-24
Link_43	Node_32	Node_31	5.051	1.09	-0.166	0.250	-0.033	-1812.1	2011-08-24
Link_44	Node_38	Node_65	850.000	1.01	0.714	0.875	0.001	17356.9	2011-08-24
Link_45	Node_34	Node_36	3.917	1.75	1.228	0.905	0.314	20352.0	2011-08-24
Link_48	Node_33	Node_43	39.108	1.06	0.392	0.415	0.010	3872.4	2011-08-24
Link_49	Node_43	Node_44	56.902	1.06	0.385	0.488	0.007	3684.1	2011-08-24
Link_50	Node_44	Node_45	107.686	1.06	0.436	0.572	0.004	3910.2	2011-08-24
Link_6	H3-RI-006	H3-INT-003A	15.996	1.15	0.981	2.100	0.061	12511.6	2011-08-24
Link_8	HSI-05-002	HSI-05-010	0.339	3.99	0.392	1.205	1.155	4669.5	2011-08-24
Link_9	H5-11-009	H5	1.145	0.96	0.767	3.219	0.669	16731.0	2011-08-24
New2	H2-IC	H2-INT-007	3.413	1.10	0.219	2.727	0.064	4271.1	2011-08-24
New3	HWF-INT-016	OF-H4-TG2	5.961	1.08	0.321	1.317	0.054	3283.3	2011-08-24
OF-H4-TG2.1	OF-H4-TG2	outfall5-tg	3.415	1.05	2.595	1.543	0.760	25927.3	2011-08-24
RG-1_H2-03-020	RG-1	H2-03-020	0.600	2.27	-0.133	1.491	-0.221	-211.4	2011-08-24
RG-10_H5-WA-440	RG-10	H5-WA-440	0.915	2.21	-0.163	2.752	-0.178	112.8	2011-08-24
RG-11_H5-WA-400	RG-11	H5-WA-400	0.944	2.28	0.109	3.039	0.116	154.2	2011-08-24
RG-12_H5-WA-400	RG-12	H5-WA-400	0.944	2.28	-0.136	3.038	-0.144	142.8	2011-08-24
RG-13_H5-WA-350	RG-13	H5-WA-350	0.949	2.11	-0.234	3.693	-0.246	162.0	2011-08-24
RG-14_H5-WA-356	RG-14	H5-WA-356	0.954	2.03	-0.332	3.389	-0.348	79.4	2011-08-24
RG-15_H6-WA-004	RG-15	H6-WA-004	0.900	2.18	0.127	3.075	0.141	169.5	2011-08-24
RG-2_H2-WA-005A	RG2	H2-WA-005A	1.342	5.01	0.002	0.161	0.001	67.3	2011-08-24
RG-4_H2-WA-007	RG-4	H2-WA-007	1.643	6.51	0.001	0.022	0.001	13.0	2011-08-24
RG-5_H2-WA-009	RG-5	H2-WA-009	1.375	6.51	0.002	0.534	0.002	93.1	2011-08-24
RG-6_H2-WA-011	RG-6	H2-WA-011	1.342	7.01	0.000	0.043	0.000	12.6	2011-08-24
RG-7_H5-WA-490	RG-7	H5-WA-490	0.915	3.18	0.022	0.365	0.024	248.6	2011-08-24
RG-8_H5-WA-480	RG-8	H5-WA-480	0.915	3.06	0.012	0.607	0.013	156.9	2011-08-24
RG-9_H5-WA-440	RG-9	H5-WA-440	0.977	2.30	-0.076	2.955	-0.078	148.9	2011-08-24
T10-MAD_A_H5-MA-764	T10-MAD_A	H5-MA-764	0.100	1.27	-0.100	8.775	-1.001	-247.8	2011-08-24
T10-MAD-DUMMY	T10-MAD-DUMMY	T10-MAD	0.000	1.27	0.000	3.710		0.0	2011-08-24
T11-MAD_A_H5-MA-768	T11-MAD_A	H5-MA-768	0.079	1.33	-0.131	10.217	-1.659	-58.4	2011-08-24
T11-MAD-DUMMY	T11-MAD-DUMMY	T11-MAD	0.000	1.33	0.000	2.847		0.0	2011-08-24
T15-MAD_A_H1-MA-044	T15-MAD_A	H1-MA-044	0.086	1.28	-0.060	8.091	-0.700	58.0	2011-08-24
T15-MAD-DUMMY	T15-MAD-DUMMY	T15-MAD	0.000	1.70	0.000	0.005		0.0	2011-08-24
T16-MAD_A_H1-MA-041	T16-MAD_A	H1-MA-041	0.079	1.27	-0.106	8.009	-1.348	46.5	2011-08-24
T16-MAD-DUMMY	T16-MAD-DUMMY	T16-MAD	0.000	1.44	0.000	0.005		0.0	2011-08-24
T1-7ST_A_H4-07-190	T1-7ST_A	H4-07-190	0.079	1.34	-0.110	8.022	-1.400	32.3	2011-08-24
T1-7ST-DUMMY	T1-7ST-DUMMY	T1-7ST	0.000	1.40	0.000	0.005		0.0	2011-08-24
T1-7ST-WEIR-DUMMY	T1-7ST	T1-7ST-WEIR-DUMMY	0.000	1.33	-0.110	1.426		46.4	2011-08-24
T1-GAR_A_H4-04-008	T1-GAR_A	H4-04-008	0.093	1.30	0.011	6.173	0.118	72.9	2011-08-24
T1-GAR-DUMMY	T1-GAR-DUMMY	T1-GAR	0.000	2.40	0.000	0.005		0.0	2011-08-24
T1-HAR_A_H4-HA-003	T1-HAR_A	H4-HA-003	0.079	1.45	-0.096	6.595	-1.219	110.4	2011-08-24
T1-HAR-DUMMY	T1-HAR-DUMMY	T1-HAR	0.000	1.45	0.000	0.346		0.0	2011-08-24
T1-NEW_A_H1-NE-003	T1-NEW_A	H1-NE-003	0.035	1.08	-0.153	7.484	-4.348	-219.9	2011-08-24

T1-NEW-DUMMY	T1-NEW-DUMMY	T1-NEW	0.000	1.08	0.000	1.844		0.0	2011-08-31
T1-NEW-WEIR-DUMMY	T1-NEW	T1-NEW-WEIR-DUMMY	0.000	1.08	-0.153	1.460		-203.1	2011-08-31
T2-2ST_A_MH-T2-2STB	T2-2ST_A	MH-T2-2STB	0.149	1.19	-0.107	11.248	-0.713	-15.9	2011-08-31
T2-2ST-DUMMY	T2-2ST-DUMMY	T2-2ST	0.000	1.19	0.000	0.584		0.0	2011-08-31
T2-2ST-WEIR-DUMMY	T2-2ST	T2-2ST-WEIR-DUMMY	0.000	1.19	-0.104	1.333		12.3	2011-08-31
T2-4ST_A_H1-CL-036	T2-4ST_A	H1-CL-036	0.152	1.33	-0.092	7.152	-0.607	91.6	2011-08-31
T2-5ST_A_H1-AD-042	T2-5ST_A	H1-AD-042	0.153	1.33	-0.071	7.035	-0.460	62.8	2011-08-31
T2-5ST-DUMMY	T2-5ST-DUMMY	T2-5ST	0.000	1.50	0.000	0.005		0.0	2011-08-31
T2-6ST_A_H1-JE-050	T2-6ST_A	H1-JE-050	0.186	1.29	-0.095	7.474	-0.513	56.6	2011-08-31
T2-6ST-DUMMY	T2-6ST-DUMMY	T2-6ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T2-7ST_A_H4-07-200	T2-7ST_A	H4-07-200	0.086	1.45	-0.110	8.322	-1.271	15.9	2011-08-31
T2-7ST-DUMMY	T2-7ST-DUMMY	T2-7ST	0.000	1.80	0.000	0.005		0.0	2011-08-31
T2-BLM_A_H4-04-007	T2-BLM_A	H1-BL-037	0.079	3.03	0.044	7.214	0.565	102.2	2011-08-31
T2-BLM-DUMMY	T2-BLM-DUMMY	T2-BLM	0.000	3.50	0.000	0.005		0.0	2011-08-31
T2-JAC_A_H4-JA-006	T2-JAC_A	H4-JA-006	0.079	1.42	-0.089	6.591	-1.133	62.7	2011-08-31
T2-JAC-DUMMY	T2-JAC-DUMMY	T2-JAC	0.000	1.42	0.000	0.161		0.0	2011-08-31
T2-MON_A_H5-MO-794	T2-MON_A	H5-MO-794	0.086	1.44	-0.113	7.824	-1.313	41.7	2011-08-31
T2-MON-DUMMY	T2-MON-DUMMY	T2-MON	0.000	1.44	0.000	2.186		0.0	2011-08-31
T3-3ST_A_H1-03-170	T3-3ST_A	H1-03-170	0.079	1.21	-0.127	9.770	-1.607	-37.8	2011-08-31
T3-3ST-DUMMY	T3-3ST-DUMMY	T3-3ST	0.000	1.21	0.000	1.367		0.0	2011-08-31
T3-3ST-WEIR-DUMMY	T3-3ST	T3-3ST-WEIR-DUMMY	0.000	1.21	-0.126	1.478		-18.2	2011-08-31
T3-4ST_A_H1-AD-039	T3-4ST_A	H1-AD-039	0.122	1.31	-0.079	7.120	-0.647	58.4	2011-08-31
T3-4ST-DUMMY	T3-4ST-DUMMY	T3-4ST	0.000	1.32	0.000	0.005		0.0	2011-08-31
T3-6ST_A_H1-MA-048	T3-6ST_A	H1-MA-048	0.172	1.28	-0.078	8.251	-0.451	9.7	2011-08-31
T3-6ST-DUMMY	T3-6ST-DUMMY	T3-6ST	0.000	1.40	0.000	0.005		0.0	2011-08-31
T3-ADM_A_H5-AD-714	T3-ADM_A	H5-AD-714	0.086	1.45	-0.064	7.044	-0.738	49.3	2011-08-31
T3-ADM-DUMMY	T3-ADM-DUMMY	T3-ADM	0.000	1.55	0.000	0.005		0.0	2011-08-31
T3-GND-DUMMY	T3-GND-DUMMY	T3-GND	0.000	1.83	0.000	0.005		0.0	2011-08-31
T3-JAC_A_H4-JA-004	T3-JAC_A	H4-JA-004	0.093	1.30	-0.142	8.958	-1.522	9.2	2011-08-31
T3-JAC-DUMMY	T3-JAC-DUMMY	T3-JAC	0.000	1.30	0.000	1.117		0.0	2011-08-31
T3-OBS_A_H1-OB-080A	T3-OBS_A	H1-OB-080A	0.109	1.16	-0.084	7.151	-0.776	288.1	2011-08-31
T3-OBS-DUMMY	T3-OBS-DUMMY	T3-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
T3-OBS-WEIR-DUMMY	T3-OBS	T3-BS-WEIR-DUMMY	0.000	1.16	-0.084	1.509		298.1	2011-08-31
T4-4ST_A_H1-MA-038	T4-4ST_A	H1-MA-038	0.130	1.18	-0.125	12.234	-0.962	-96.8	2011-08-31
T4-4ST-DUMMY	T4-4ST-DUMMY	T4-4ST	0.000	1.18	0.000	1.636		0.0	2011-08-31
T4-5ST_A_H1-MA-041	T4-5ST_A	H1-MA-041	0.145	1.23	-0.094	8.233	-0.650	43.5	2011-08-31
T4-5ST-DUMMY	T4-5ST-DUMMY	T4-5ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T4-6ST_A_H1-MO-057	T4-6ST_A	H1-MO-057	0.141	1.21	-0.149	12.161	-1.055	-55.7	2011-08-31
T4-6ST-DUMMY	T4-6ST-DUMMY	T4-6ST	0.000	1.21	0.000	0.505		0.0	2011-08-31
T4-GND_A_H4-GR-008	T4-GND_A	H4-GR-008	0.086	1.46	0.073	5.511	0.852	63.8	2011-08-31
T4-GND-DUMMY	T4-GND-DUMMY	T4-GND	0.000	1.72	0.000	0.005		0.0	2011-08-31
T5-5ST_A_H1-JA-046	T5-5ST_A	MH-T5-5STB	0.141	1.19	-0.086	10.563	-0.613	52.2	2011-08-31
T5-5ST-DUMMY	T5-5ST-DUMMY	T5-5ST	0.000	1.19	0.000	0.918		0.0	2011-08-31
T5-9ST_A_H4-GR-012	T5-9ST_A	H4-GR-012	0.149	1.48	-0.081	7.777	-0.543	33.8	2011-08-31
T5-9ST-DUMMY	T5-9ST-DUMMY	T5-9ST	0.000	1.83	0.000	0.005		0.0	2011-08-31

T5-GND_A_H1-GR-054	T5-GND_A	H1-GR-054	0.079	1.39	-0.099	8.690	-1.255	60.9	2011-08-24
T5-GND-DUMMY	T5-GND-DUMMY	T5-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T5-JAC_A_H1-JA-043	T5-JAC_A	H1-JA-043	0.100	1.17	-0.128	11.435	-1.285	-465.3	2011-08-24
T5-JAC-DUMMY	T5-JAC-DUMMY	T5-JAC	0.000	1.17	0.000	2.728		0.0	2011-08-24
T5-JEF_A_H5-11-730	T5-JEF_A	H5-11-730	0.078	1.49	0.064	8.070	0.827	46.7	2011-08-24
T5-JEF-DUMMY	T5-JEF-DUMMY	T5-JEF	0.000	1.70	0.000	0.005		0.0	2011-08-24
T5-OBS-DUMMY	T5-OBS-DUMMY	T5-OBS	0.006	1.16	0.000	1.055	-0.007	0.0	2011-08-24
T5-OBS-WEIR-DUMMY	T5-OBS	T5-OBS-WEIR-DUMMY	0.000	1.16	-0.116	1.498		50.0	2011-08-24
T6-4ST_A_H1-HA-141	T6-4ST_A	H1-HA-141	0.035	1.19	-0.081	5.543	-2.300	34.6	2011-08-24
T6-4ST_DUMMY	T6-4ST-DUMMY	T6-4ST	0.000	1.19	0.000	0.589		0.0	2011-08-24
T6-5ST_A_H1-MO-047	T6-5ST_A	H1-MO-047	0.153	1.21	-0.135	12.360	-0.877	-11.1	2011-08-24
T6-5ST-DUMMY	T6-5ST-DUMMY	T6-5ST	0.000	1.21	0.000	0.446		0.0	2011-08-24
T6-ADM_A_H4-AD-010	T6-ADM_A	H4-AD-010	0.085	1.48	-0.073	5.767	-0.856	159.2	2011-08-24
T6-ADM-DUMMY	T6-ADM-DUMMY	T6-ADM	0.000	1.63	0.000	0.005		0.0	2011-08-24
T6-GND_A_H1-GR-045	T6-GND_A	H1-GR-046	0.101	1.40	-0.056	7.085	-0.555	76.9	2011-08-24
T6-GND-DUMMY	T6-GND-DUMMY	T6-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T6-JEF_A_H5-JE-742	T6-JEF_A	H5-JE-742	0.070	1.52	-0.086	7.735	-1.222	129.8	2011-08-24
T6-JEF-DUMMY	T6-JEF-DUMMY	T6-JEF	0.000	1.60	0.000	0.005		0.0	2011-08-24
T6-MON_A_H4-MO-001	T6-MON_A	H4-MO-001	0.093	1.39	-0.102	9.058	-1.098	101.9	2011-08-24
T6-MON-DUMMY	T6-MON-DUMMY	T6-MON	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW_A_MH-T6-NEW	T6-NEW_A	MH-T6-NEW	0.090	1.21	-0.048	6.210	-0.532	124.7	2011-08-24
T6-NEW-DUMMY	T6-NEW-DUMMY	T6-NEW	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW-WEIR-DUMMY	T6-NEW	T6-NEW-WEIR-DUMMY	0.000	1.21	-0.048	1.333		133.5	2011-08-24
T7-5ST_A_MH-T5-TSTB	T7-5ST_A	MH-T5-5STB	0.145	1.19	-0.103	10.563	-0.712	-73.4	2011-08-24
T7-5ST-DUMMY	T7-5ST-DUMMY	T7-5ST	0.000	1.19	0.000	0.916		0.0	2011-08-24
T7-JEF_A_H1-JE-031	T7-JEF_A	H1-JE-031	0.070	1.20	-0.123	8.926	-1.754	28.9	2011-08-24
T7-JEF-DUMMY	T7-JEF-DUMMY	T7-JEF	0.000	1.20	0.000	0.991		0.0	2011-08-24
T7-JEF-WEIR-DUMMY	T7-JEF	T7-JEF-WEIR-DUMMY	0.000	1.20	-0.123	1.466		45.8	2011-08-24
T7-MON_A_H1-MO-062	T7-MON_A	H1-MO-062	0.086	1.21	-0.105	9.562	-1.214	52.0	2011-08-24
T7-MON-DUMMY	T7-MON-DUMMY	T7-MON	0.000	1.22	0.000	0.005		0.0	2011-08-24
T7-OBS_MH-T7-OBS	T7-OBS_A	MH-T7-OBS	0.110	1.17	-0.082	6.933	-0.745	50.8	2011-08-24
T7-OBS-DUMMY	T7-OBS-DUMMY	T7-OBS	0.000	1.20	0.000	0.005		0.0	2011-08-24
T8=ADM=DUMMY	T8-ADM-DUMMY	T8-ADM	0.000	1.50	0.000	0.005		0.0	2011-08-24
T8-ADM_A_H1-AD-043	T8-ADM_A	H1-AD-043	0.091	1.35	-0.066	7.146	-0.720	187.2	2011-08-24
T8-JEF_A_H1-JE-023	T8-JEF_A	H1-JE-023	0.086	1.20	-0.097	6.994	-1.123	89.5	2011-08-24
T8-JEF-DUMMY	T8-JEF-DUMMY	T8-JEF	0.000	1.20	0.000	0.015		0.0	2011-08-24
T8-JEF-WEIR-DUMMY	T8-JEF	T8-JEF-WEIR-DUMMY	0.000	1.20	-0.097	1.510		99.4	2011-08-24
T8-MAD_A_H5-11-750	T8-MAD_A	H5-11-750	0.100	1.43	-0.089	7.707	-0.893	14.6	2011-08-24
T8-MAD-DUMMY	T8-MAD-DUMMY	T8-MAD	0.000	1.43	0.000	0.869		0.0	2011-08-24
T9-ADM_A_H1-AD-035	T9-ADM_A	H1-03-140	0.070	1.22	-0.121	9.931	-1.714	132.3	2011-08-24
T9-ADM-DUMMY	T9-ADM-DUMMY	T9-ADM	0.000	1.22	0.000	1.098		0.0	2011-08-24
T9-MAD_A_H5-11-750	T9-MAD_A	H5-11-750	0.088	1.41	-0.091	7.647	-1.040	41.9	2011-08-24
T9-MAD-DUMMY	T9-MAD-DUMMY	T9-MAD	0.000	1.40	0.000	0.685		0.0	2011-08-24
TD12-13ST_A_H5-CL-648	TD12-13ST_A	H5-CL-648	0.149	1.48	-0.064	8.102	-0.431	13.5	2011-08-24
TD12-13ST-DUMMY	TD12-13ST-DUMMY	TD12-13ST	0.000	2.03	0.000	0.005		0.0	2011-08-24
TD14-CLA_A_H1-CL-036	TD14-CLA_A	H1-CL-036	0.035	1.31	-0.087	7.092	-2.480	49.2	2011-08-24

TD14-CLA-DUMMY	TD14-CLA-DUMMY	TD14-CLA	0.000	1.33	0.000	0.005		0.0	2011-08-31
TD1-4ST_A_H1-CL-036	TD1-4ST_A	H1-CL-036	0.145	1.33	-0.095	7.160	-0.654	22.0	2011-08-31
TD1-4ST-DUMMY	TD1-4ST-DUMMY	TD1-4ST	0.000	1.33	0.000	0.676		0.0	2011-08-31
TD1-WIL_A_H3-WI-022	TD1-WIL_A	H3-WI-022	0.079	1.40	-0.078	6.700	-0.991	54.2	2011-08-31
TD1-WIL-DUMMY	TD1-WIL-DUMMY	TD1-WIL	0.000	1.54	0.000	0.005		0.0	2011-08-31
TD23-CLA_A_H3-CL-007	TD23-CLA_A	H3-CL-007	0.050	1.47	-0.077	6.514	-1.541	70.3	2011-08-31
TD23-CLA-DUMMY	TD23-CLA-DUMMY	TD23-CLA	0.000	1.60	0.000	0.005		0.0	2011-08-31
TD25-WIL_A_H7-WI-009	TD6-WIL_A	H3-WI-015	0.079	1.42	-0.068	6.531	-0.864	53.9	2011-08-31
TD25-WIL_A_H7-WI-010	TD25-WIL_A	H7-WI-010	0.086	1.54	0.084	6.210	0.979	125.1	2011-08-31
TD25-WIL-DUMMY	TD25-WIL-DUMMY	TD25-WIL	0.000	1.60	0.000	0.005		0.0	2011-08-31
TD30-CLA_A_H4-CL-020	TD30-CLA_A	H4-CL-020	0.103	1.58	0.071	5.510	0.696	58.4	2011-08-31
TD30-CLA-DUMMY	TD30-CLA-DUMMY	TD30-CLA	0.000	1.85	0.000	0.005		0.0	2011-08-31
TD31-CLA_A_H5-CL-662	TD31-CLA_A	H5-CL-662	0.086	1.64	0.008	3.895	0.090	57.6	2011-08-31
TD31-CLA-DUMMY	TD31-CLA-DUMMY	TD31-CLA	0.000	2.89	0.000	0.005		0.0	2011-08-31
TD4-OBS_A_H1-OB-071	TD4-OBS_A	H1-OB-071	0.110	1.10	-0.106	9.428	-0.963	19.9	2011-08-31
TD4-OBS-DUMMY	TD4-OBS-DUMMY	TD4-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
TD4-OBS-WEIR-DUMMY	TD4-OBS	TD4-OBS-WEIR-DUMMY	0.000	1.09	-0.071	1.271		41.4	2011-08-31
TD6-WIL-DUMMY	TD6-WIL-DUMMY	TD6-WIL	0.000	1.53	0.000	0.005		0.0	2011-08-31
TD8-GAR_A_H1-GA-012	TD8-GAR_A	H1-GA-012	0.086	1.12	-0.063	7.590	-0.725	91.6	2011-08-31
TD8-GAR-DUMMY	TD8-GAR-DUMMY	TD8-GAR	0.000	1.20	0.000	0.005		0.0	2011-08-31
TD8-GAR-WEIR-DUMMY	TD8-GAR	TD8-GAR-WEIR-DUMMY	0.000	1.12	-0.062	1.476		103.6	2011-08-31

MIKE URBAN Hydraulic Results

Proposed DSD Alternatives: 100-Year Rainfall Event at High Tide

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File Overview

Working dir :	C:\Projects\50074974\MIKEURBAN\ProposedAlternatives\	-
Sewer network data (UND) :	2D_Prop_HT_100yrProposedAlt.MEX	7/10/2016 11:55:46 AM
Hydrological data (HGF) :	2D_Prop_HT_100yrProposedAlt.MEX	7/10/2016 11:55:46 AM
Additional parameters file (ADP) :	-	-
Dry weather flow data (DWF) :	2D_Prop_HT_100yrProposedAlt.MEX	7/10/2016 11:55:46 AM
Repetitive profile data (RPF) :	-	-
Runoff Hydrographs (CRF) :	RO_Prop_100yrProposedAlt.CRF	7/6/2016 7:02:32 PM
Hotstart file (PRF) :	-	-
Result File (PRF) :	2D_Prop_HT_100yrProposedAlt.PRF	7/10/2016 11:56:00 AM
Reduced result file (PRF) :	-	-

Time Overview

Simulation start date :	2011-08-27 09:00:00	Calculation started :	2016-07-10 11:55:58
Simulation end date :	2011-08-28 09:00:00	Calculation ended :	2016-07-11 00:05:36
Save time step [hh:mm:ss] :	0:10:00	Calculation time [hh:mm:ss] :	12:09:38
Maximum time step [sec] :	0.75	Hotstart start date :	-
Minimum time step [sec] :	0.75		

Input Summary

Number of Manholes:	845
Number of Basins:	96
Number of Outlets:	10
Number of Storage Nodes:	0
Number of Circular Pipes:	568
Number of Rectangular pipes:	325
Number of CRS defined pipes:	3
Number of Pumps:	8
Number of Controlled Pumps:	0
Number of Weirs/Orifices:	97
Number of Controlled Weirs/Gates:	0
Number of Valves:	0
Number of Controlled Valves:	0

Nodes

Min Invert Level	WWTP	-100.00 m
Max Invert Level	14VO-02-001D	45.05 m
Min Ground Level	H1-WW	0.00 m
Max Ground Level	14VO-02-001D	45.78 m
Min X Coordinate	Node_45	5.8064E05 m
Max X Coordinate	Node_79	5.8258E05 m
Min Y Coordinate	Node_62	4.5097E06 m
Max Y Coordinate	H7-GR-001	4.5124E06 m
Total Manhole Volume		4950.3 m3
Total Basin Volume		842947.9 m3

Links

Total Circular Volume	71116.2 m3
Total CRS Volume	88166.1 m3
Total Length	77685.00 m

Simulation Result Summary

Continuity Balance

1 : Start volume in Pipes, Manholes and Structures	882445.2 m3	
2 : End volume in Pipes, Manholes and Structures	1054925.3 m3	
3 : Total inflow volume		
Specified inflows		
Runoff :	609365.2 m3	
DWF :	2053.4 m3	
Non-specified inflows		
Outlets (inflow) :	52.2 m3	
Inflow from 2D overland :	65491.1 m3	
	676961.9 m3	--> 676961.9 m3
4 : Total diverted volume		
Operational, non-specified outflows		
Outlets :	268320.2 m3	
Pumps :	187151.9 m3	
Flow to 2D overland :	65752.0 m3	
	521224.0 m3	--> 521224.0 m3
5 : Water generated in empty parts of the system :	784.1 m3	
6 : Continuity Balance = (2-1) - (3-4+5) :	15958.2 m3	
Continuity Balance max value :	15958.2 m3	
Continuity Balance min value :	0.0 m3	

2D overland

Inflows from 2D overland

Manholes/basins:	65491.1 m3
Outlets:	0.0 m3
Total:	65491.1 m3

Outflows to 2D overland

Manholes/basins:	65752.0 m3
Pumps:	0.0 m3
Weirs:	0.0 m3
Outlets:	0.0 m3
Diverted Runoff:	31541.6 m3
Total:	97293.6 m3

Boundary Connections

Outlet levels

Boundary Condition ID	Location	Temporal variation	Value/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
							m	m
BC_38	HWF-14-001A	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_39	5	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_40	Node_40	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_41	Node_39	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_42	Node_10	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_43	Outfall8	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_44	Outfall6	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_45	Outfall3	Constant	0.95	Unlimited	-	-	0.95	0.95
BC_46	HWF-OB-001	Constant	0.95	Unlimited	-	-	0.95	0.95

Network loads (discharges)

Boundary Condition ID	Type	Load Type	Connection Type	Location	Temporal variation	Value/pattern/TS name	Validity	Validity Start	Validity End	Minimum Value	Maximum Value
										m3/s	
Block12_Basin 2	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin1	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
Block12_Basin3	Discharge	Storm Runoff	Individual	H1-OB-121	Time Series	Block12_Outflow.dfs0	Unlimited	-	-	0.000	0.000
CityHall	Discharge	Storm Runoff	Individual	H1-BL-016	Time Series	CityHall_Outflow.dfs0	Unlimited	-	-	0.000	0.000
HWF-10	Discharge	DWF	Individual	H2-01-002	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-11	Discharge	DWF	Individual	H3-RI-001	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-12	Discharge	DWF	Individual	H2-HP-001A	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-13	Discharge	DWF	Individual	H2-HP-001A	Constant	0.003	Unlimited	-	-	0.003	0.003
HWF-5	Discharge	DWF	Individual	H5-HU-015	Constant	0.009	Unlimited	-	-	0.009	0.009
HWF-6	Discharge	DWF	Individual	H5-HU-020	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-7	Discharge	DWF	Individual	H3-RI-006	Constant	0.002	Unlimited	-	-	0.002	0.002
HWF-8	Discharge	DWF	Individual	H3-RI-003	Constant	0.001	Unlimited	-	-	0.001	0.001
HWF-9	Discharge	DWF	Individual	H2-RI-004	Constant	0.001	Unlimited	-	-	0.001	0.001
Total :											

Network loads (discharges), summary by Load type

Load Type	Accumulated Value
	m3
Storm Runoff	384.1
DWF	2053.4
Total :	2437.5

Network loads (discharges), summary by Temporal variation

Temporal variation	Accumulated Value
	m3
Constant	2053.4
Time Series	384.1
Total :	2437.5

Weir/Orifice-Gate/Valve Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum
	[m3/s]	[m3/s]	[m3]		
H1.4	0.000	4.904	152509.4	2011-08-27 09:00:00	2011-08-27 20:40:00
H2.4	0.000	1.100	19350.6	2011-08-27 09:00:00	2011-08-27 22:00:00
H3.4	-0.455	0.780	3252.3	2011-08-27 20:00:00	2011-08-27 22:00:00
H4.4	0.000	1.940	41809.9	2011-08-27 09:00:00	2011-08-27 22:00:00
H5.4	-0.003	1.694	51894.1	2011-08-27 15:30:00	2011-08-27 22:00:00
H5_WW_Weir	0.000	1.710	47698.3	2011-08-27 09:00:00	2011-08-27 22:00:00
H6.4	-0.030	0.930	14463.5	2011-08-27 13:40:00	2011-08-27 22:00:00
H7.4	-0.141	0.000	-7139.7	2011-08-27 21:10:00	2011-08-27 09:00:00
HS1.3	0.000	0.358	4107.4	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_100	-0.122	0.017	-278.3	2011-08-27 20:10:00	2011-08-28 09:00:00
Weir_101	-0.083	0.024	-214.4	2011-08-27 20:20:00	2011-08-28 09:00:00
Weir_103	-0.146	0.048	-78.1	2011-08-27 20:30:00	2011-08-28 01:30:00
Weir_107	-0.065	0.068	94.2	2011-08-27 20:20:00	2011-08-27 22:20:00
Weir_110	-0.111	0.038	-46.1	2011-08-27 20:20:00	2011-08-28 06:40:00
Weir_111	-0.107	0.042	7.6	2011-08-27 20:20:00	2011-08-27 23:30:00
Weir_113	-0.086	0.046	71.5	2011-08-27 20:30:00	2011-08-27 22:30:00
Weir_116	-0.057	0.069	81.8	2011-08-27 20:30:00	2011-08-27 22:30:00
Weir_118	-0.041	0.069	75.1	2011-08-27 20:30:00	2011-08-27 22:30:00
Weir_119	-0.080	0.059	49.6	2011-08-27 20:20:00	2011-08-27 22:30:00
Weir_120	-0.130	0.035	-136.9	2011-08-27 20:20:00	2011-08-28 02:10:00
Weir_121	-0.095	0.042	-313.9	2011-08-27 20:30:00	2011-08-28 02:20:00
Weir_123	-0.120	0.059	34.0	2011-08-27 20:30:00	2011-08-27 22:30:00
Weir_125	-0.093	0.055	6.7	2011-08-27 20:30:00	2011-08-27 22:20:00
Weir_129	-0.067	0.058	27.6	2011-08-27 20:20:00	2011-08-27 22:20:00
Weir_69	-0.087	0.033	-44.9	2011-08-27 20:20:00	2011-08-28 06:30:00
Weir_70	-0.056	0.025	147.5	2011-08-27 20:20:00	2011-08-27 22:20:00
Weir_73	-0.122	0.039	-167.1	2011-08-27 20:20:00	2011-08-28 06:40:00
Weir_75	-0.076	0.025	-2.0	2011-08-27 20:20:00	2011-08-27 22:40:00
Weir_76	-0.070	0.064	72.6	2011-08-27 20:20:00	2011-08-27 22:20:00
Weir_77	-0.156	0.041	-529.8	2011-08-27 20:20:00	2011-08-28 07:00:00
Weir_81	-0.130	0.034	-222.2	2011-08-27 20:20:00	2011-08-28 06:40:00
Weir_82	-0.117	0.038	-11.2	2011-08-27 20:20:00	2011-08-28 06:40:00
Weir_83	-0.079	0.026	-232.2	2011-08-27 20:20:00	2011-08-28 07:50:00
Weir_84	-0.128	0.043	-1015.8	2011-08-27 20:20:00	2011-08-28 09:00:00
Weir_85	-0.121	0.042	-345.4	2011-08-27 20:20:00	2011-08-28 06:40:00
Weir_87	-0.100	0.043	84.4	2011-08-27 20:20:00	2011-08-27 22:30:00

Weir_88	-0.096	0.039	55.4	2011-08-27 20:20:00	2011-08-27 22:30:00
Weir_89	-0.104	0.045	-3.6	2011-08-27 20:20:00	2011-08-27 22:20:00
Weir_91	0.000	0.013	99.7	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_94	-0.079	0.044	76.5	2011-08-27 20:20:00	2011-08-27 22:20:00
Weir_99	-0.106	0.038	-98.7	2011-08-27 20:20:00	2011-08-28 06:30:00
Weir_B10	-0.513	0.085	-15962.1	2011-08-27 20:20:00	2011-08-28 09:00:00
Weir_BASF	0.000	0.581	20424.1	2011-08-27 09:00:00	2011-08-27 23:10:00
Weir_CLA-PS	0.000	0.138	594.0	2011-08-27 09:00:00	2011-08-27 22:30:00
Weir_HHA	0.000	0.324	6644.1	2011-08-27 09:00:00	2011-08-27 21:40:00
Weir_T15-MAD	-0.021	0.032	77.8	2011-08-27 20:30:00	2011-08-27 22:20:00
Weir_T16-MAD	-0.069	0.025	54.5	2011-08-27 20:20:00	2011-08-27 22:20:00
Weir_T1-HAR	-0.095	0.054	132.5	2011-08-27 20:30:00	2011-08-27 22:30:00
Weir_T2-2ST	-0.113	0.030	-221.0	2011-08-27 20:10:00	2011-08-28 06:30:00
Weir_T2-6ST	-0.104	0.030	52.4	2011-08-27 20:20:00	2011-08-27 22:20:00
Weir_T2-7ST	-0.087	0.049	30.8	2011-08-27 20:20:00	2011-08-27 22:30:00
Weir_T2-BLM	-0.048	0.249	127.6	2011-08-27 21:40:00	2011-08-27 22:30:00
Weir_T3-4ST	-0.086	0.029	59.9	2011-08-27 20:20:00	2011-08-27 22:30:00
Weir_T3-6ST	-0.085	0.036	3.8	2011-08-27 20:20:00	2011-08-27 22:20:00
Weir_T3-ADM	-0.073	0.037	66.1	2011-08-27 20:30:00	2011-08-27 23:20:00
Weir_T3-GND	-0.036	0.035	-29.6	2011-08-27 20:20:00	2011-08-27 22:20:00
Weir_T3-OBS	-0.090	0.035	268.8	2011-08-27 20:20:00	2011-08-27 22:30:00
Weir_T4-5ST	-0.098	0.033	-7.5	2011-08-27 20:20:00	2011-08-28 06:30:00
Weir_T4-6ST	-0.126	0.035	-190.6	2011-08-27 20:40:00	2011-08-28 06:30:00
Weir_T5-GND	-0.095	0.068	78.9	2011-08-27 20:30:00	2011-08-27 22:20:00
Weir_T5-JEF	-0.046	0.073	65.4	2011-08-27 20:30:00	2011-08-27 22:20:00
Weir_T6-ADM	-0.059	0.060	196.3	2011-08-27 20:30:00	2011-08-27 22:30:00
Weir_T6-JEF	-0.100	0.083	164.4	2011-08-27 20:30:00	2011-08-27 22:30:00
Weir_T6-MON	-0.110	0.045	117.0	2011-08-27 20:40:00	2011-08-27 23:20:00
Weir_T7-JEF	-0.129	0.038	-145.2	2011-08-27 20:20:00	2011-08-28 06:40:00
Weir_T8-ADM	-0.074	0.050	224.7	2011-08-27 20:20:00	2011-08-27 22:20:00
Weir_T8-JEF	-0.103	0.029	23.3	2011-08-27 20:20:00	2011-08-28 06:30:00
Weir_T9-MAD	-0.097	0.049	41.0	2011-08-27 20:30:00	2011-08-27 22:30:00
Weir_TD1-WIL	-0.089	0.066	67.7	2011-08-27 20:30:00	2011-08-27 22:30:00
Weir_TD23-CLA	-0.091	0.071	86.5	2011-08-27 20:30:00	2011-08-27 22:30:00
Weir_TD25-WIL	-0.067	0.081	151.4	2011-08-27 20:30:00	2011-08-27 23:20:00
Weir_TD31-CLA	0.000	0.009	76.1	2011-08-27 09:00:00	2011-08-27 22:00:00
Weir_TD6-WIL	-0.080	0.061	66.6	2011-08-27 20:30:00	2011-08-27 22:30:00
H1.1	-0.389	0.043	-11069.7	2011-08-27 20:20:00	2011-08-27 16:50:00
H1-WW.1	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00
H2.1	0.000	0.088	2131.6	2011-08-27 09:00:00	2011-08-27 18:50:00
H2-WW.2	-0.005	0.088	1907.9	2011-08-27 14:20:00	2011-08-27 18:50:00
H3.1	-0.026	0.130	6895.2	2011-08-27 16:10:00	2011-08-28 05:20:00
H3-WW.2	0.000	0.178	8008.1	2011-08-27 09:00:00	2011-08-27 19:00:00
H4.1	0.000	0.109	5578.7	2011-08-27 09:00:00	2011-08-27 19:10:00
H4-WW.1	0.000	0.109	5341.7	2011-08-27 09:00:00	2011-08-27 19:10:00
H5.1	-0.024	0.154	2884.1	2011-08-27 22:00:00	2011-08-27 10:30:00

H5-WW.1	-0.017	0.118	2019.4	2011-08-27 22:00:00	2011-08-27 10:30:00
H6.1	-0.011	0.031	630.5	2011-08-27 13:30:00	2011-08-27 22:00:00
H6-WW.2	-0.014	0.030	695.7	2011-08-27 13:30:00	2011-08-27 22:00:00
H7.1	-0.020	0.120	6780.9	2011-08-27 13:00:00	2011-08-28 05:20:00
H7-WW.2	-0.002	0.031	1789.0	2011-08-27 13:50:00	2011-08-27 20:20:00
Orifice_13	0.000	1.046	17197.6	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_3	0.000	9.984	137759.9	2011-08-27 09:00:00	2011-08-27 23:10:00
Orifice_5	0.000	0.806	20685.1	2011-08-27 09:00:00	2011-08-27 22:30:00
Orifice_7	0.000	0.234	2960.6	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_8	-0.060	2.020	27739.2	2011-08-28 05:40:00	2011-08-27 22:00:00
Orifice_9	0.000	0.307	5470.0	2011-08-27 09:00:00	2011-08-27 22:00:00
Orifice_B10	-0.032	0.000	-242.4	2011-08-27 20:00:00	2011-08-28 09:00:00
Orifice_BASF	0.000	0.115	1255.0	2011-08-27 09:00:00	2011-08-27 23:00:00
Orifice_HHA	0.000	0.102	2983.8	2011-08-27 09:00:00	2011-08-28 03:20:00
outfall5-tg	0.000	2.898	35222.8	2011-08-27 09:00:00	2011-08-27 22:00:00

Pumps - Discharge

	Minimum	Maximum	Flow - Accumulated	Time - Minimum	Time - Maximum	Pump starts	Dry stops (1)	Speed	Operation total	Operation above dH or H range of RPMmax curve
	[m3/s]	[m3/s]	[m3]			[Count]	[Count]		[Hr:Min:Sec]	[Hr:Min:Sec]
11PS.3	0.000	0.173	14526.2	2011-08-27 09:00:00	2011-08-27 22:00:00	16	0	Constant	23:19:11	-
5PS.3	0.000	0.440	26951.7	2011-08-27 09:00:00	2011-08-27 18:00:00	1	0	Variable	18:03:47	-
5PS.4	0.000	0.000	0.0	2011-08-27 09:00:00	2011-08-27 09:00:00	0	0	Variable	0:00:00	-
CLA-PS.1	0.000	0.283	591.0	2011-08-27 09:00:00	2011-08-27 22:10:00	76	25	Constant	0:47:59	-
H1-WW.3	0.000	2.650	138854.1	2011-08-27 09:00:00	2011-08-27 19:20:00	102	0	Constant	14:49:13	-
H5PS	0.000	2.879	47706.8	2011-08-27 09:00:00	2011-08-27 21:50:00	708	118	Constant	7:04:42	-
Pump_BASF	0.000	0.566	21486.2	2011-08-27 09:00:00	2011-08-27 23:10:00	96	13	Constant	10:48:51	-
Pump_HHA	0.000	0.316	9628.7	2011-08-27 09:00:00	2011-08-28 08:00:00	329	18	Constant	9:24:20	-

(1) : Pump stops due to dry pump well.

Warning: Dry stops occurred during the simulation. Insufficient volume below the stop level to let the pump decelerate normally.

Recommended: Check pump well volume, pump curve, acceleration-/deceleration time, start/stop conditions and other input data.

Links - Result summary

LinkID	From Node	To Node	Qf	Hmax	Qmax	Hmax/D	Qmax/Qf	Flow - Accumulated	Ti
			[m3/s]	[m]	[m3/s]			[m3]	
14VO-02-001D_14VO-MA-001B	14VO-02-001D	14VO-MA-001B	0.282	46.27	0.169	3.410	0.597	3496.0	2011-08-27 10:30:00
14VO-14-001_14VO-14-002	14VO-14-001	14VO-14-002	0.164	25.63	0.037	1.778	0.226	384.1	2011-08-27 13:30:00
14VO-14-001_14VO-14-005	14VO-14-001	14VO-14-005	0.228	25.52	0.072	2.466	0.316	665.9	2011-08-27 13:00:00
14VO-14-001C_14VO-14-001	14VO-14-001C	14VO-14-001	0.246	29.24	0.103	0.772	0.419	1051.2	2011-08-27 13:50:00
14VO-14-002_14VO-14-006	14VO-14-002	14VO-14-006	0.226	25.36	0.220	5.471	0.974	4488.3	2011-08-27 20:20:00
14VO-14-005_14VO-14-007	14VO-14-005	14VO-14-007	0.061	1.69	0.100	1.934	1.651	1021.1	2011-08-28 05:20:00
14VO-14-006_14VO-14-007	14VO-14-006	14VO-14-007	0.078	2.43	0.215	3.888	2.753	4583.8	2011-08-27 22:00:00

14VO-14-007_HWF-14-001A	Node_79	HWF-14-001A	0.659	0.99	0.307	2.984	0.465	5470.0	2011-08-2
14VO-MA-001_14VO-14-002	14VO-MA-001	14VO-14-002	0.180	41.52	0.139	1.778	0.771	3483.2	2011-08-2
14VO-MA-001B_14VO-MA-001	14VO-MA-001B	14VO-MA-001	0.123	45.87	0.139	4.229	1.129	3489.3	2011-08-2
B10-MH_H1-OB-122A	B10-MH	H1-OB-122A	0.867	0.99	-0.514	3.512	-0.594	-16212.3	2011-08-2
B10-STOR-A_B10-MH	B10-STOR-A	B10-MH	0.718	0.85	-0.514	2.901	-0.716	-16207.0	2011-08-2
BASF-FM	BASF-FM	BASF-OF	0.000	5.74	0.566	9.422		21336.6	2011-08-2
Dummy_H5Weir	Node_89	Dummy_H5Weir	0.000	3.00	0.000	0.005		0.0	2011-08-2
DUMMY-B10	DUMMY-B10	B10-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-BASF	DUMMY-BASF	BASF-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-BASF-2	DUMMY-BASF-2	BASF-WW	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-CLA-PS	CLA-PS-DUMMY	CLA-PS	0.000	-1.03	0.140	0.079		593.6	2011-08-2
DUMMY-HHA	DUMMY-HHA	HHA-STOR	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-HHA-2	DUMMY-HHA-2	HHA-WW	0.000	1.63	0.000	0.005		0.0	2011-08-2
DUMMY-T10-MAD	T10-MAD	T10-MAD-WEIR-DUMMY	0.000	1.32	-0.095	1.929		-304.5	2011-08-2
DUMMY-T11-MAD	T11-MAD	T11-MAD-WEIR-DUMMY	0.000	1.38	-0.130	1.569		-119.2	2011-08-2
DUMMY-T15-MAD	T15-MAD	T15-MAD-WEIR-DUMMY	0.000	1.33	0.032	1.153		96.3	2011-08-2
DUMMY-T16-MAD	T16-MAD	T16-MAD-WEIR-DUMMY	0.000	1.31	-0.069	1.330		69.3	2011-08-2
DUMMY-T1-GAR	T1-GAR	T1-GAR-WEIR-DUMMY	0.000	1.46	0.013	0.923		118.5	2011-08-2
DUMMY-T1-HAR	T1-HAR	T1-HAR-WEIR-DUMMY	0.000	1.49	-0.095	1.640		139.4	2011-08-2
DUMMY-T2-4ST	T2-4ST	T2-4ST-WEIR-DUMMY	0.000	1.39	-0.100	1.661		91.5	2011-08-2
DUMMY-T2-5ST	T2-5ST	T2-5ST-WEIR-DUMMY	0.000	1.39	-0.079	1.462		85.1	2011-08-2
DUMMY-T2-6ST	T2-6ST	T2-6ST-WEIR-DUMMY	0.000	1.33	-0.104	1.485		61.1	2011-08-2
DUMMY-T2-7ST	T2-7ST	T2-7ST-WEIR-DUMMY	0.000	1.48	-0.056	1.176		49.1	2011-08-2
DUMMY-T2-BLM	T2-BLM	T2-BLM-WEIR-DUMMY	0.000	3.40	0.248	1.271		143.0	2011-08-2
DUMMY-T2-JAC	T2-JAC	T2-JAC-WEIR-DUMMY	0.000	1.46	-0.086	1.637		78.5	2011-08-2
DUMMY-T2-MON	T2-MON	T2-MON-WEIR-DUMMY	0.000	1.51	-0.120	1.739		42.8	2011-08-2
DUMMY-T3-4ST	T3-4ST	T3-4ST-WEIR-DUMMY	0.000	1.35	-0.086	1.499		68.6	2011-08-2
DUMMY-T3-6ST	T3-6ST	T3-6ST-WEIR-DUMMY	0.000	1.33	-0.085	1.390		16.4	2011-08-2
DUMMY-T3-ADM	T3-ADM	T3-ADM-WEIR-DUMMY	0.000	1.51	-0.072	1.409		76.3	2011-08-2
DUMMY-T3-GND	T3-GND	T3-GND-WEIR-DUMMY	0.000	1.54	0.035	1.163		-16.0	2011-08-2
DUMMY-T3-JAC	T3-JAC	T3-JAC-WEIR-DUMMY	0.000	1.34	-0.144	1.475		-63.0	2011-08-2
DUMMY-T4-4ST	T4-4ST	T4-4ST-WEIR-DUMMY	0.000	1.25	-0.123	1.386		-316.0	2011-08-2
DUMMY-T4-5ST	T4-5ST	T4-5ST-WEIR-DUMMY	0.000	1.27	-0.098	1.421		5.3	2011-08-2
DUMMY-T4-6ST	T4-6ST	T4-6ST-WEIR-DUMMY	0.000	1.26	-0.128	1.314		-158.0	2011-08-2
DUMMY-T4-GND	T4-GND	T4-GND-WEIR-DUMMY	0.000	1.51	0.069	1.369		87.5	2011-08-2
DUMMY-T5-5ST	T5-5ST	T5-5ST-WEIR-DUMMY	0.000	1.26	-0.082	1.370		-191.2	2011-08-2
DUMMY-T5-9ST	T5-9ST	T5-9ST-WEIR-DUMMY	0.000	1.54	0.059	1.229		63.1	2011-08-2
DUMMY-T5-GND	T5-GND	T5-GND-WEIR-DUMMY	0.000	1.45	-0.095	1.345		95.8	2011-08-2
DUMMY-T5-JAC	T5-JAC	T5-JAC-WEIR-DUMMY	0.000	1.24	-0.127	1.520		-991.7	2011-08-2
DUMMY-T5-JEF	T5-JEF	T5-JEF-WEIR-DUMMY	0.000	1.57	0.072	1.256		81.2	2011-08-2
DUMMY-T6-4ST	T6-4ST	T6-4ST-WEIR-DUMMY	0.000	1.26	-0.079	1.567		-223.2	2011-08-2
DUMMY-T6-5ST	T6-5ST	T6-5ST-WEIR-DUMMY	0.000	1.26	-0.106	1.255		-62.8	2011-08-2
DUMMY-T6-ADM	T6-ADM	T6-ADM-WEIR-DUMMY	0.000	1.53	0.060	1.439		202.3	2011-08-2
DUMMY-T6-GND	T6-GND	T6-GND-WEIR-DUMMY	0.000	1.47	0.068	1.409		104.2	2011-08-2
DUMMY-T6-JEF	T6-JEF	T6-JEF-WEIR-DUMMY	0.000	1.59	-0.100	1.423		176.6	2011-08-2
DUMMY-T6-MON	T6-MON	T6-MON-WEIR-DUMMY	0.000	1.42	-0.114	1.376		134.3	2011-08-2

DUMMY-T7-5ST	T7-5ST	T7-5ST-WEIR-DUMMY	0.000	1.26	-0.082	1.365		-255.1	2011-08-21
DUMMY-T7-MON	T7-MON	T7-MON-WEIR-DUMMY	0.000	1.27	-0.111	1.362		-26.0	2011-08-21
DUMMY-T8-ADM	T8-ADM	T8-ADM-WEIR-DUMMY	0.000	1.41	-0.074	1.422		235.1	2011-08-21
DUMMY-T8-MAD	T8-MAD	T8-MAD-WEIR-DUMMY	0.000	1.49	-0.093	1.701		15.5	2011-08-21
DUMMY-T9-ADM	T9-ADM	T9-ADM-WEIR-DUMMY	0.000	1.27	-0.120	1.423		9.0	2011-08-21
DUMMY-T9-MAD	T9-MAD	T9-MAD-WEIR-DUMMY	0.000	1.46	-0.097	1.521		51.6	2011-08-21
DUMMY-TD12-13ST	TD12-13ST	Node_378	0.000	1.57	0.058	1.115		46.1	2011-08-21
DUMMY-TD14-CLA	TD14-CLA	TD14-CLA-WEIR-DUMMY	0.000	1.36	-0.095	1.441		65.9	2011-08-21
DUMMY-TD1-4ST	TD1-4ST	TD1-4ST-WEIR-DUMMY	0.000	1.39	-0.103	1.698		3.4	2011-08-21
DUMMY-TD1-WIL	TD1-WIL	TD1-WIL-WEIR-DUMMY	0.000	1.46	-0.089	1.493		76.1	2011-08-21
DUMMY-TD23-CLA	TD23-CLA	TD23-CLA-WEIR-DUMMY	0.000	1.52	-0.091	1.474		94.6	2011-08-21
DUMMY-TD25-WIL	TD25-WIL	TD25-WIL-WEIR-DUMMY	0.000	1.60	0.081	1.554		157.9	2011-08-21
DUMMY-TD30-CLA	TD30-CLA	TD30-CLA-WEIR-DUMMY	0.000	1.62	0.069	1.339		80.7	2011-08-21
DUMMY-TD31-CLA	TD31-CLA	TD31-CLA-WEIR-DUMMY	0.000	1.97	0.009	0.871		87.4	2011-08-21
DUMMY-TD6-WIL	TD6-WIL	TD6-WIL-WEIR-DUMMY	0.000	1.47	-0.080	1.454		74.7	2011-08-21
H1 REGULATOR_H2-INT-001A	H1-IC	H2-INT-001A	1.155	1.06	-0.389	2.714	-0.337	-11085.9	2011-08-21
H1_Outfall	H1-OB-008	H1	0.000	0.69	4.533	1.801		141498.2	2011-08-21
H1-01-005_H1-01-021	H1-01-005	H1-01-021	0.000	1.42	0.015	2.707		170.7	2011-08-21
H1-01-006_H1-01-006A	H1-01-006	H1-01-006A	1.471	1.48	0.122	2.356	0.083	886.0	2011-08-21
H1-01-006A_H1-01-010	H1-01-006A	H1-01-010	0.366	1.43	0.461	2.301	1.260	3396.8	2011-08-21
H1-01-007_H1-01-006	H1-01-007	H1-01-006	2.782	1.48	0.013	2.651	0.005	176.6	2011-08-21
H1-01-010_H1-WI-019	H1-01-010	H1-WI-019	3.185	1.33	0.787	2.409	0.247	24192.7	2011-08-21
H1-01-021_H1-GA-018	H1-01-021	H1-GA-018	1.018	1.40	0.692	2.757	0.680	19836.6	2011-08-21
H1-01-029_H1-01-010	H1-01-029	H1-01-010	0.588	1.37	-0.365	2.628	-0.621	9436.6	2011-08-21
H1-01-033_H1-01-029	H1-01-033	H1-01-029	1.529	1.36	-0.417	2.706	-0.273	8896.2	2011-08-21
H1-01-033_H1-NE-011	H1-01-033	H1-NE-011	0.411	1.35	0.295	3.785	0.718	10553.4	2011-08-21
H1-01-034_H1-01-033	H1-01-034	H1-01-033	3.906	1.34	-0.543	2.874	-0.139	6669.2	2011-08-21
H1-01-075_H1-01-034	H1-01-075	H1-01-034	1.640	1.33	-0.543	2.778	-0.331	6727.2	2011-08-21
H1-01-075_H1-NE-014A	H1-01-075	H1-NE-014A	0.078	1.31	0.170	2.818	2.183	5361.8	2011-08-21
H1-01-077_H1-01-075	H1-01-077	H1-01-075	2.019	1.32	-0.346	2.694	-0.171	8607.5	2011-08-21
H1-01-080_H1-01-077	H1-01-080	H1-01-077	1.312	1.31	-0.348	3.289	-0.266	8648.9	2011-08-21
H1-01-080_H1-NE-020	H1-01-080	H1-NE-020	0.601	1.28	0.573	2.459	0.953	24570.5	2011-08-21
H1-01-081_H1-01-080	H1-01-081	H1-01-080	0.359	1.29	0.443	3.273	1.234	16459.5	2011-08-21
H1-01-085_H1-01-081	H1-01-085	H1-01-081	1.878	1.29	0.443	2.798	0.236	16510.8	2011-08-21
H1-01-085_H1-MA-010	H1-01-085	H1-MA-010	0.686	1.28	0.204	3.053	0.298	6459.3	2011-08-21
H1-01-089_H1-01-085	H1-01-089	H1-01-085	1.577	1.28	-0.536	2.775	-0.340	16085.7	2011-08-21
H1-01-089_H1-OB-116	H1-01-089	H1-OB-116	0.947	1.27	0.279	3.238	0.295	6485.6	2011-08-21
H1-01-100_H1-01-089	H1-01-100	H1-01-089	0.000	1.26	-0.696	2.765		17624.5	2011-08-21
H1-01-100_H1-JA-022	H1-01-100	H1-JA-022	0.837	1.25	0.312	2.979	0.374	10533.6	2011-08-21
H1-01-104_H1-01-100	H1-01-104	H1-01-100	1.623	1.26	0.658	2.899	0.405	18864.2	2011-08-21
H1-01-110_H1-01-104	H1-01-110	H1-01-104	2.796	1.26	0.660	2.953	0.236	16329.3	2011-08-21
H1-01-115_H1-01-110	H1-01-115	H1-01-110	1.170	1.27	0.465	3.193	0.398	12707.3	2011-08-21
H1-01-116_H1-01-115	H1-01-116	H1-01-115	1.356	1.29	0.549	2.857	0.405	16157.3	2011-08-21
H1-01-117_H1-01-116	H1-01-117	H1-01-116	0.451	1.30	-0.098	3.713	-0.217	-2711.8	2011-08-21
H1-01-118_H1-01-117	H1-01-118	H1-01-116	0.046	1.62	0.045	7.366	0.981	607.2	2011-08-21
H1-02-038A_H1-WI-022	H1-02-038A	H1-WI-022	0.563	1.45	0.514	3.650	0.913	10332.5	2011-08-21

H1-03-001_H3-03-006	H1-03-001	H3-03-006	1.879	1.52	0.584	2.203	0.311	12059.7	2011-08-2
H1-03-003A_H1-03-001	H1-03-003A	H1-03-001	4.038	1.54	0.543	2.858	0.134	11589.2	2011-08-2
H1-03-060_H3-03-022	H1-03-060	H3-03-022	1.787	1.46	-0.639	2.411	-0.358	7387.4	2011-08-2
H1-03-090_H1-03-060	H1-03-090	H1-03-060	1.237	1.42	-0.520	2.928	-0.420	3349.6	2011-08-2
H1-03-090_H1-GR-022	H1-03-090	H1-GR-022	1.381	1.38	0.234	4.127	0.170	9181.7	2011-08-2
H1-03-140_H1-03-090	H1-03-140	H1-03-090	1.651	1.36	-0.543	3.678	-0.329	6097.1	2011-08-2
H1-03-170_H1-03-140	H1-03-170	H1-03-140	2.258	1.33	-0.632	2.164	-0.280	1140.2	2011-08-2
H1-03-180_H1-03-170	H1-03-180	H1-03-170	2.657	1.33	-0.449	2.736	-0.169	1726.6	2011-08-2
H1-03-200_H1-03-180	H1-03-200	H1-03-180	0.933	1.32	-0.450	2.854	-0.482	8357.6	2011-08-2
H1-03-200_H1-MA-027	H1-03-200	H1-MA-027	1.697	1.31	0.147	4.260	0.086	3114.7	2011-08-2
H1-03-210_H1-03-200	H1-03-210	H1-03-200	1.256	1.30	0.269	2.765	0.214	4840.1	2011-08-2
H1-03-210_H1-MO-036	H1-03-210	H1-MO-036	1.484	1.30	0.199	3.435	0.134	1133.7	2011-08-2
H1-07-013_H1-BL-091	H1-07-013	H1-BL-091	0.274	5.44	0.245	6.721	0.893	2916.5	2011-08-2
H1-08-011_H1-BL-093	H1-08-011	H1-BL-093	0.050	4.13	0.036	7.893	0.724	402.1	2011-08-2
H1-08-011A_H1-08-011	H1-08-011A	H1-08-011	0.000	4.15	-0.029	7.832		-0.6	2011-08-2
H1-AD-026_H1-01-075	H1-AD-026	H1-01-075	0.000	1.32	0.111	3.150		1786.5	2011-08-2
H1-AD-030_H1-03-140	H1-AD-030	H1-03-140	0.000	1.33	-0.104	3.470		-428.9	2011-08-2
H1-AD-035_H1-03-140	H1-AD-035	H1-03-140	0.177	1.33	0.242	3.470	1.368	5108.7	2011-08-2
H1-AD-039_H1-AD-035	H1-AD-039	H1-AD-035	1.136	1.36	0.261	3.474	0.229	5403.3	2011-08-2
H1-AD-042_H1-AD-039	H1-AD-042	H1-AD-039	0.653	1.39	0.357	2.963	0.547	4687.3	2011-08-2
H1-AD-048_H1-AD-042	H1-AD-043	H1-AD-042	0.585	1.40	0.278	2.874	0.476	3322.2	2011-08-2
H1-AD-053_H1-AD-048	H1-AD-053	H1-AD-048	0.778	1.47	0.164	2.782	0.211	1355.0	2011-08-2
H1-Alt-Grav1.2	H1-Alt-Grav1	OF-H1-V2	0.000	0.67	0.064	2.372		63.1	2011-08-2
H1-Alt-Grav2.1	H1-Alt-Grav2	OF-H1-V2	0.000	0.67	-0.013	2.372		-28.6	2011-08-2
H1-BL-007_H1-BL-009	H1-BL-007	H1-BL-009	0.000	1.06	0.280	3.599		3728.5	2011-08-2
H1-BL-009_H1-OB-010	H1-BL-009	H1-OB-010	3.875	0.92	4.313	2.270	1.113	138854.7	2011-08-2
H1-BL-016_H1-BL-009	H1-BL-016	H1-BL-009	1.531	1.77	1.378	2.864	0.900	17907.7	2011-08-2
H1-BL-017_H1-BL-016	H1-BL-017	H1-BL-016	0.800	2.06	1.242	2.903	1.552	16337.2	2011-08-2
H1-BL-024_H1-BL-017	H1-BL-024	H1-BL-017	0.949	2.56	1.160	3.193	1.223	15375.8	2011-08-2
H1-BL-030_H1-BL-024	H1-BL-030	H1-BL-024	0.634	2.99	1.030	3.560	1.624	13111.0	2011-08-2
H1-BL-037_H1-BL-030	H1-BL-037	H1-BL-030	0.941	3.39	1.029	3.654	1.093	13181.3	2011-08-2
H1-BL-039_H1-BL-037	H1-BL-039	H1-BL-037	1.111	3.66	0.869	3.735	0.782	11078.8	2011-08-2
H1-BL-090C_H1-BL-090B	H1-BL-090C	H1-BL-090B	0.000	5.68	-0.056	22.137		-763.1	2011-08-2
H1-BL-090E_H1-BL-039	H1-BL-090E	H1-BL-039	0.825	3.88	0.801	3.598	0.971	9627.5	2011-08-2
H1-BL-090E_H1-BL-090	H1-BL-090E	H1-BL-090	0.059	4.02	-0.536	4.219	-9.050	-6662.2	2011-08-2
H1-BL-090E_H1-BL-090C	H1-BL-090E	H1-BL-090C	0.000	4.09	-0.080	9.538		-1237.6	2011-08-2
H1-BL-091_H1-BL-090	H1-BL-091	H1-BL-090	0.299	4.05	0.529	3.326	1.770	6481.3	2011-08-2
H1-BL-093_H1-BL-091	H1-BL-093	H1-BL-091	0.702	4.09	0.216	3.361	0.307	2475.6	2011-08-2
H1-BL-095_H1-BL-093	H1-BL-095	H1-BL-093	0.137	4.14	0.066	6.314	0.480	653.6	2011-08-2
H1-CL-014_H1-NE-007	H1-CL-014	H1-NE-007	1.318	1.33	0.065	5.093	0.049	766.4	2011-08-2
H1-CL-015_H1-CL-023	H1-CL-015	H1-CL-023	1.872	1.38	-0.269	2.992	-0.144	-1486.2	2011-08-2
H1-CL-023_H1-03-060	H1-CL-023	H1-03-060	0.916	1.41	-0.474	3.782	-0.517	-207.4	2011-08-2
H1-CL-036_H1-03-060	H1-CL-036	H1-03-060	1.251	1.44	0.286	3.533	0.229	2211.8	2011-08-2
H1-GA-017_H1-OB-031	H1-GA-012	H1-OB-031	1.135	1.19	0.774	2.002	0.681	21383.1	2011-08-2
H1-GA-018_H1-GA-017	H1-GA-018	H1-GA-017	3.229	1.33	0.691	1.936	0.214	19804.3	2011-08-2

H1-GR-022_H1-01-033	H1-GR-022	H1-01-033	0.710	1.37	0.269	4.106	0.379	11071.6	2011-08-24
H1-GR-027_H1-03-090	H1-GR-027	H1-03-090	2.875	1.38	0.285	4.381	0.099	5565.1	2011-08-24
H1-GR-033_H1-GR-027	H1-GR-033	H1-GR-027	1.283	1.41	0.403	2.868	0.314	6100.7	2011-08-24
H1-GR-037_H1-GR-033	H1-GR-037	H1-GR-033	0.855	1.44	0.389	2.448	0.456	4864.8	2011-08-24
H1-GR-038_H1-GR-037	H1-GR-038	H1-GR-037	0.988	1.46	0.209	2.773	0.211	2363.9	2011-08-24
H1-GR-054_H1-GR-047	H1-GR-054	H1-GR-046	1.224	1.48	0.156	3.524	0.128	1758.3	2011-08-24
H1-HA-130_H1-HA-132	PR_DH_MH1	H1-HA-132	0.796	1.26	-0.108	2.799	-0.136	-2938.2	2011-08-24
H1-HA-132_H1-01-110	H1-HA-132	H1-01-110	0.848	1.26	-0.074	3.957	-0.088	-746.3	2011-08-24
H1-HA-132A_H1-HA-132	H1-HA-132A	H1-HA-132	0.000	1.26	0.025	5.377		9.6	2011-08-24
H1-HA-135_H1-01-110	H1-HA-135	H1-01-110	0.000	1.27	-0.113	3.561		1834.8	2011-08-24
H1-HA-136_H1-HA-138	H1-HA-136	H1-HA-138	0.039	1.34	0.046	8.051	1.166	614.1	2011-08-24
H1-HA-138_H1-HA-139	H1-HA-138	H1-HA-139	0.084	1.26	0.046	4.401	0.542	453.0	2011-08-24
H1-HA-138A_H1-HA-138	H1-HA-138A	H1-HA-138	0.127	1.26	-0.015	4.997	-0.122	78.1	2011-08-24
H1-HA-138B_H1-HA-138A	H1-HA-138B	H1-HA-138A	0.000	1.26	-0.004	6.347		79.5	2011-08-24
H1-HA-139_H1-HA-140	H1-HA-139	H1-HA-140	0.037	1.26	0.047	6.288	1.276	482.6	2011-08-24
H1-HA-139A_H1-HA-139	H1-HA-139A	H1-HA-139	0.226	1.26	-0.004	4.401	-0.016	56.1	2011-08-24
H1-HA-140_H1-HA-141	H1-HA-140	H1-HA-141	0.189	1.26	0.047	4.617	0.251	544.6	2011-08-24
H1-HA-140A_H1-HA-140	H1-HA-140A	H1-HA-140	0.130	1.26	-0.005	4.342	-0.039	45.5	2011-08-24
H1-HA-140B_H1-HA-140A	H1-HA-140B	H1-HA-140A	0.072	1.26	-0.002	7.118	-0.025	-0.6	2011-08-24
H1-HA-140C_H1-HA-140A	H1-HA-140C	H1-HA-140A	0.026	1.26	-0.001	7.118	-0.046	50.4	2011-08-24
H1-HA-141_H1-JA-043	H1-HA-141	H1-JA-043	0.506	1.26	-0.069	6.307	-0.137	296.5	2011-08-24
H1-HU-001_H1-HU-002	H1-HU-001	H1-HU-002	0.058	7.91	0.082	1.114	1.412	960.2	2011-08-24
H1-HU-002_H1-07-013	H1-HU-002	H1-07-013	0.379	7.58	0.141	6.644	0.373	1648.1	2011-08-24
H1-HU-003_H1-HU-002	H1-HU-003	H1-HU-002	0.000	7.77	0.036	0.957		405.4	2011-08-24
H1-JA-021_H1-OB-121	H1-JA-021	H1-OB-121	1.035	1.24	0.338	3.219	0.326	9238.2	2011-08-24
H1-JA-022_H1-JA-021	H1-JA-022	H1-JA-021	1.833	1.25	0.308	2.434	0.168	10471.5	2011-08-24
H1-JA-034_H1-01-100	MH-T2-2STB	H1-01-100	1.689	1.26	0.386	4.980	0.228	5394.9	2011-08-24
H1-JA-037B_H1-JA-034	H1-JA-037B	H1-JA-034	1.219	1.26	-0.380	5.666	-0.312	2237.9	2011-08-24
H1-JA-043_H1-JA-037B	H1-JA-043	H1-JA-037B	1.031	1.26	-0.372	4.722	-0.361	886.4	2011-08-24
H1-JA-046_H1-JA-043	H1-JA-046	H1-JA-043	3.074	1.26	0.149	4.219	0.048	959.6	2011-08-24
H1-JE-026A_H1-01-080	H1-JE-026A	H1-JE-023	0.107	1.31	0.360	1.887	3.379	14874.9	2011-08-24
H1-JE-031_H1-03-180	H1-JE-031	H1-03-180	1.018	1.33	-0.387	2.145	-0.381	-12550.2	2011-08-24
H1-JE-031_H1-JE-026A	H1-JE-031	H1-JE-026A	1.570	1.31	0.337	2.689	0.215	13181.2	2011-08-24
H1-JE-032_H1-03-180	H1-JE-032	H1-03-180	5.104	1.33	0.253	2.146	0.050	4752.9	2011-08-24
H1-JE-037_H1-JE-032	H1-JE-037	H1-JE-032	0.842	1.32	0.330	3.040	0.391	5360.7	2011-08-24
H1-JE-044_H1-JE-037	H1-JE-044	H1-JE-037	0.846	1.34	0.301	2.369	0.356	4259.1	2011-08-24
H1-JE-050_H1-JE-044	H1-JE-050	H1-JE-044	0.679	1.37	0.207	2.211	0.304	2937.0	2011-08-24
H1-JE-055_H1-JE-050	H1-JE-055	H1-JE-050	0.806	1.37	0.105	2.977	0.130	1188.5	2011-08-24
H1-Junction1.1	H1-Junction1	OF-H1-V2	0.475	0.67	0.000	2.389	-0.001	-1.1	2011-08-24
H1-Junction2.1	H1-Junction2	OF-H1-V2	0.475	0.67	0.000	2.389	-0.001	-1.1	2011-08-24
H1-MA-010_H1-OB-100	H1-MA-010	H1-OB-100	0.999	1.27	0.200	3.988	0.200	6420.5	2011-08-24
H1-MA-027_H1-01-085	H1-MA-027	H1-01-085	1.355	1.30	0.249	2.788	0.184	4654.5	2011-08-24
H1-MA-038_H1-03-200	H1-MA-038	H1-03-200	1.462	1.30	0.181	5.209	0.124	5029.2	2011-08-24
H1-MA-041_H1-MA-038	H1-MA-041	H1-MA-038	1.570	1.31	0.200	4.265	0.128	4225.4	2011-08-24
H1-MA-048_H1-MA-041	H1-MA-044	H1-MA-041	0.530	1.33	0.276	3.470	0.520	3276.3	2011-08-24
H1-MA-054_H1-MA-048	H1-MA-054	H1-MA-048	0.566	1.36	0.182	3.367	0.322	1394.8	2011-08-24

H1-MO-010_H1-NE-030	H1-MO-010	H1-NE-030	3.429	1.26	0.170	2.281	0.050	4641.4	2011-08-24
H1-MO-033_H1-01-089	H1-MO-033	H1-01-089	0.845	1.28	0.315	2.461	0.372	2799.5	2011-08-24
H1-MO-036_H1-MO-033	H1-MO-036	H1-MO-033	0.737	1.29	0.199	3.194	0.270	1141.2	2011-08-24
H1-MO-043_H1-03-210	H1-MO-043	H1-03-210	0.847	1.30	0.186	4.724	0.219	4152.7	2011-08-24
H1-MO-044_H1-MO-043	H1-MO-044	H1-MO-043	1.862	1.29	-0.150	5.485	-0.081	3053.3	2011-08-24
H1-MO-047_H1-MO-044	H1-MO-047	H1-MO-044	5.079	1.29	-0.144	2.839	-0.028	3144.6	2011-08-24
H1-MO-057_H1-MO-047	H1-MO-057	H1-MO-047	1.102	1.29	0.239	3.192	0.217	3177.7	2011-08-24
H1-MO-062_H1-MO-057	H1-MO-062	H1-MO-057	0.771	1.30	0.143	4.165	0.185	1601.3	2011-08-24
H1-NE-002_H1-PA-015	H1-NE-002	H1-PA-015	0.000	1.17	0.159	2.018		891.1	2011-08-24
H1-NE-003_H1-WI-011	H1-NE-003	H1-WI-011	2.015	1.29	0.875	2.647	0.434	32552.1	2011-08-24
H1-NE-007_H1-NE-003	H1-NE-007	H1-NE-003	1.403	1.31	0.306	2.723	0.218	8758.2	2011-08-24
H1-NE-011_H1-NE-007	H1-NE-011	H1-NE-007	0.410	1.33	0.213	3.393	0.518	7462.2	2011-08-24
H1-NE-011_H1-NE-014A	H1-NE-011	H1-NE-014A	0.306	1.31	0.251	2.778	0.822	5274.0	2011-08-24
H1-NE-014A_H1-NE-017	H1-NE-014A	H1-NE-017	2.443	1.27	0.453	2.089	0.186	11366.9	2011-08-24
H1-NE-017_H1-NE-019	H1-NE-017	H1-NE-019	5.055	1.27	0.453	2.417	0.090	11274.0	2011-08-24
H1-NE-019_H1-NE-020	H1-NE-019	H1-NE-020	2.933	1.26	0.453	1.526	0.154	11197.9	2011-08-24
H1-NE-020_H1-OB-090	H1-NE-020	H1-OB-090	4.253	1.25	1.167	2.438	0.274	48751.2	2011-08-24
H1-NE-021_H1-OB-091	H1-NE-021	H1-OB-091	1.305	1.26	0.193	2.907	0.148	7922.7	2011-08-24
H1-NE-026_H1-NE-021	H1-NE-026	H1-NE-021	0.588	1.26	0.191	2.597	0.325	7692.4	2011-08-24
H1-NE-029A_H1-NE-026	H1-NE-029A	H1-NE-026	0.735	1.26	0.186	2.348	0.253	6654.9	2011-08-24
H1-NE-030_H1-NE-029A	H1-NE-030	MH-T6-NEW	0.604	1.26	0.175	3.225	0.290	6379.4	2011-08-24
H1-NE-031_H1-NE-030	H1-NE-031	H1-NE-030	2.717	1.26	-0.105	1.900	-0.039	1754.9	2011-08-24
H1-NE-040_H1-NE-031	H1-NE-040	H1-NE-031	0.421	1.26	-0.136	2.107	-0.323	1393.3	2011-08-24
H1-NE-047_H1-NE-040	H1-NE-047	H1-NE-040	0.123	1.25	0.041	2.888	0.336	439.2	2011-08-24
H1-OB-001_H1-OB-010	H1-OB-001	H1-OB-010	0.000	0.90	0.026	9.541		318.7	2011-08-24
H1-OB-010_H1-OB-008	H1-OB-010	H1-OB-008	8.196	0.74	4.456	2.044	0.544	140579.7	2011-08-24
H1-OB-031_H1-BL-009	H1-OB-031	H1-BL-009	1.701	1.10	3.091	2.431	1.817	116653.0	2011-08-24
H1-OB-050_H1-OB-031	H1-OB-050	H1-OB-031	4.392	1.16	2.328	2.463	0.530	94853.3	2011-08-24
H1-OB-050_H1-OB-050A	H1-OB-050	H1-OB-050A	0.000	1.17	0.002	1.781		9.0	2011-08-24
H1-OB-071_H1-OB-050	H1-OB-071	H1-OB-050	3.011	1.19	2.201	2.433	0.731	91656.2	2011-08-24
H1-OB-072_H1-OB-071	H1-OB-072	H1-OB-071	13.803	1.21	2.248	2.443	0.163	91816.2	2011-08-24
H1-OB-077_H1-OB-072	H1-OB-077	H1-OB-072	2.989	1.24	1.319	2.390	0.441	57466.5	2011-08-24
H1-OB-090_H1-OB-077	H1-OB-090	H1-OB-080A	1.172	1.25	1.339	2.437	1.143	56543.0	2011-08-24
H1-OB-091_H1-OB-090	H1-OB-091	H1-OB-090	0.617	1.25	0.194	2.959	0.314	8087.7	2011-08-24
H1-OB-095_H1-NE-020	H1-OB-095	H1-NE-020	1.512	1.27	0.300	4.791	0.198	11682.4	2011-08-24
H1-OB-100_H1-OB-095	H1-OB-100	H1-OB-095	8.108	1.27	0.325	1.551	0.040	12725.0	2011-08-24
H1-OB-101_H1-OB-100	MH-T5-OBS	H1-OB-100	0.357	1.26	0.169	3.543	0.474	5602.1	2011-08-24
H1-OB-116_H1-MO-010	H1-OB-116	H1-MO-010	1.228	1.26	0.155	2.875	0.126	4466.6	2011-08-24
H1-OB-116_H1-OB-101	H1-OB-116	H1-OB-101	0.811	1.26	0.172	2.626	0.212	5665.7	2011-08-24
H1-OB-117_H1-OB-116	H1-OB-117	H1-OB-116	2.455	1.26	-0.240	2.499	-0.098	2854.4	2011-08-24
H1-OB-121_H1-OB-117	H1-OB-121	H1-OB-117	1.679	1.25	-0.304	3.797	-0.181	2065.4	2011-08-24
H1-OB-121A_H1-OB-121	H1-OB-121A	H1-OB-121	0.108	1.24	-0.026	7.133	-0.242	-133.8	2011-08-24
H1-OB-122_H1-NE-040	H1-OB-122	H1-NE-040	0.676	1.24	-0.278	1.620	-0.411	-277.1	2011-08-24
H1-OB-122_H1-OB-121	H1-OB-122	H1-OB-121	8.080	1.24	-0.461	2.375	-0.057	-7497.9	2011-08-24
H1-OB-122A_H1-OB-122	MH-T7-OBS	H1-OB-122	1.169	1.23	-0.537	2.848	-0.459	-8368.3	2011-08-24
H1-OB-122B_H1-OB-122A	H1-OB-122B	H1-OB-122A	2.381	1.22	0.082	2.176	0.034	2708.1	2011-08-24

H1-OB-122C_H1-OB-122A	H1-OB-122C	H1-OB-122A	0.000	1.22	0.090	2.177		2465.8	2011-08-31
H1-OB-123_H1-HA-130	H1-OB-123	H1-HA-130	0.497	1.25	-0.080	3.173	-0.160	-1360.7	2011-08-31
H1-OB-125_H1-OB-123	H1-OB-125	H1-OB-123	0.046	1.95	0.096	7.993	2.093	2021.6	2011-08-31
H1-OB-127_H1-OB-125	H1-OB-127	H1-OB-125	0.000	2.20	0.155	3.228		2036.0	2011-08-31
H1-PA-015_H1-OB-050	H1-PA-015	H1-OB-050	1.425	1.17	0.358	2.365	0.251	2742.2	2011-08-31
H1-PA-017_H1-01-006	H1-PA-017	H1-01-006	2.274	1.48	-0.027	3.968	-0.012	-402.2	2011-08-31
H1-PA-017_H1-01-006A	H1-PA-017	H1-01-006A	4.736	1.48	0.342	2.642	0.072	2552.9	2011-08-31
H1-PA-020A_H1-OB-117	H1-PA-020A	H1-OB-117	0.000	1.27	0.021	5.819		255.9	2011-08-31
H1-PA-024_H1-PA-017	H1-PA-024	H1-PA-017	0.622	1.55	0.361	4.279	0.582	2187.5	2011-08-31
H1-PA-030_H1-PA-050	H1-PA-030	H1-PA-050	0.048	1.27	-0.019	6.296	-0.401	-165.3	2011-08-31
H1-PA-050_H1-01-115	H1-PA-050	H1-01-115	0.467	1.27	-0.317	2.854	-0.678	-2173.8	2011-08-31
H1-PA-050A_H1-PA-050	H1-PA-050A	H1-PA-050	0.000	1.27	-0.179	2.798		-959.1	2011-08-31
H1-PA-060_H1-01-116	H1-PA-060	H1-01-116	0.341	1.34	0.062	6.060	0.183	1855.2	2011-08-31
H1-PA-061_H1-01-117	H1-PA-061	H1-01-116	0.295	1.76	0.478	4.226	1.623	18643.3	2011-08-31
H1-PA-062_H1-PA-061	H1-PA-062	H1-PA-061	0.000	5.23	0.574	11.820		23576.8	2011-08-31
H1-WA-011_H1-07-013	H1-WA-011	H1-07-013	0.000	5.78	0.018	8.389		221.4	2011-08-31
H1-WI-011_H1-OB-072	H1-WI-011	H1-OB-072	1.444	1.24	0.874	2.644	0.605	32490.7	2011-08-31
H1-WI-019_H1-NE-003	H1-WI-019	H1-NE-003	2.465	1.30	0.786	2.334	0.319	24158.7	2011-08-31
H1-WI-022_H1-01-010	H1-WI-022	H1-01-010	3.370	1.38	0.514	1.954	0.153	10287.9	2011-08-31
H1-WW.2	H1-WW	H1-Alt-Grav2	0.000	0.67	0.161	2.372		-20.2	2011-08-31
H1-WW.4	H1-WW	H1-Alt-Grav1	0.000	0.67	0.112	2.372		71.5	2011-08-31
H2 REGULATOR_H2-INT-009A	H2 REGULATOR	H2-INT-009A	4.043	1.17	-0.276	3.257	-0.068	-7536.6	2011-08-31
H2-01-001_H2-01-002	H2-01-001	H2-01-002	0.150	5.80	0.162	11.710	1.081	4094.8	2011-08-31
H2-01-001A_H2-01-001	H2-01-001A	H2-01-001	0.000	6.25	0.079	13.209		1473.7	2011-08-31
H2-01-002_H2-RI-004	H2-01-002	H2-RI-004	0.141	4.30	0.159	12.799	1.132	4463.6	2011-08-31
H2-01-003_H2-NE-010B	H2-01-003	H2-NE-010B	1.273	2.14	0.272	3.685	0.213	6863.6	2011-08-31
H2-02-003_H2-RI-005	H2-02-003	H2-RI-005	0.000	3.81	0.062	14.590		829.0	2011-08-31
H2-05-001_H2-WA-007	H2-05-001	H2-WA-007	0.000	3.93	0.059	2.693		735.1	2011-08-31
H2-05-002_H2-05-001	H2-05-002	H2-05-001	0.000	4.03	0.010	3.064		119.3	2011-08-31
H2-06-003_H2-WA-009	H2-06-003	H2-WA-009	0.110	7.85	0.169	8.376	1.532	2112.7	2011-08-31
H2-06-004_H2-06-003	H2-06-004	H2-06-003	0.000	9.16	0.050	13.505		622.6	2011-08-31
H2-CO-003_H2-01-001	H2-CO-003	H2-01-001	0.000	6.69	0.090	14.645		1185.3	2011-08-31
H2-CO-004AA_H2-CO-003	H2-CO-004AA	H2-CO-003	0.000	7.14	0.052	16.113		697.8	2011-08-31
H2-HP-001A_H2-HP-004	H2-HP-001A	H2-HP-004	0.077	2.91	0.106	9.485	1.373	1766.1	2011-08-31
H2-HP-004_H2-RI-009	H2-HP-004	H2-RI-009	0.133	2.61	0.167	6.984	1.255	3428.6	2011-08-31
H2-HP-008A_H2-HP-004	H2-HP-008A	H2-HP-004	0.112	3.22	0.067	9.485	0.600	821.4	2011-08-31
H2-INT-001_H2-INT-002	H2-INT-001	H2-INT-002	5.406	1.08	-0.390	2.948	-0.072	-11142.2	2011-08-31
H2-INT-001A_H2-INT-001	H2-INT-001A	H2-INT-001	0.848	1.07	-0.390	2.726	-0.460	-11119.6	2011-08-31
H2-INT-002_H2-INT-003	H2-INT-002	H2-INT-003	0.000	1.10	-0.391	1.298		-11154.2	2011-08-31
H2-INT-003_H2-INT-004	H2-INT-003	H2-INT-004	9.060	1.10	-0.391	2.818	-0.043	-11164.8	2011-08-31
H2-INT-004_H2-INT-005	H2-INT-004	H2-INT-005	3.968	1.12	-0.392	2.979	-0.099	-11188.1	2011-08-31
H2-INT-005_H2-INT-006	H2-INT-005	H2-INT-006	5.087	1.14	-0.392	2.811	-0.077	-11219.9	2011-08-31
H2-INT-006_H2-INT-007	H2-INT-006	H2-INT-007	5.496	1.15	-0.393	3.099	-0.071	-11274.6	2011-08-31
H2-INT-007_H2 REGULATOR	H2-INT-007	H2 REGULATOR	2.773	1.16	-0.275	3.569	-0.099	-7382.8	2011-08-31
H2-INT-009_H2-INT-010	H2-INT-009	H2-INT-010	0.908	1.19	-0.277	3.196	-0.305	-7740.3	2011-08-31

H2-INT-009A_H2-INT-009	H2-INT-009A	H2-INT-009	0.853	1.18	-0.276	3.262	-0.324	-7694.7	2011-08-24
H2-INT-010_H3-INT-001	H2-INT-010	H3-INT-001	3.060	1.19	-0.278	3.598	-0.091	-7775.3	2011-08-24
H2-NE-004_H2-NE-005	H2-NE-004	H2-NE-005	1.157	2.23	-0.441	4.562	-0.381	-7700.9	2011-08-24
H2-NE-004_H2-NE-010	H2-NE-004	H2-NE-010	1.554	2.18	0.553	4.098	0.356	9136.4	2011-08-24
H2-NE-005_H2-NE-007	H2-NE-005	H2-NE-007	1.314	2.26	-0.424	4.422	-0.323	-7528.2	2011-08-24
H2-NE-007_H2-WA-001	H2-NE-007	H2-WA-001	1.348	2.30	-0.403	4.244	-0.299	-7304.3	2011-08-24
H2-NE-010B_H2-NE-010	H2-NE-010B	H2-NE-010	2.316	2.13	0.273	4.098	0.118	6822.6	2011-08-24
H2-NE-013_H2-RI-009	H2-NE-013	H2-RI-009	0.150	2.27	0.082	16.172	0.551	696.5	2011-08-24
H2-NE-020.1	H2-NE-020	H2	0.852	1.73	-0.005	5.241	-0.006	-32.9	2011-08-24
H2-OF.1	H2-NE-010	H2	0.383	1.99	1.154	3.928	3.012	21569.6	2011-08-24
H2-RI-004_H2-01-003	H2-RI-004	H2-01-003	0.096	2.98	0.262	9.491	2.729	6509.0	2011-08-24
H2-RI-005_H2-RI-004	H2-RI-005	H2-RI-004	0.000	3.40	0.133	10.597		1677.1	2011-08-24
H2-RI-009_H2-NE-010	H2-RI-009	H2-NE-010	3.135	2.13	0.276	3.415	0.088	4970.2	2011-08-24
H2-WA-0000_H1-BL-090	H2-WA-0000	H1-BL-090	0.148	4.06	0.016	8.301	0.110	201.4	2011-08-24
H2-WA-001_H2-WA-003	H2-WA-001	H2-WA-003	2.033	2.35	-0.334	3.983	-0.164	-6488.4	2011-08-24
H2-WA-003_H2-WA-004	H2-WA-003	H2-WA-004	1.531	2.36	-0.299	2.164	-0.195	-5741.2	2011-08-24
H2-WA-004_H2-03-020	H2-WA-004	H2-03-020	0.553	2.47	-0.296	1.833	-0.536	-5720.1	2011-08-24
H2-WA-005A_H2-03-020	H2-WA-005A	H2-03-020	1.270	3.10	0.403	0.362	0.317	5241.6	2011-08-24
H2-WA-007_H2-WA-005A	H2-WA-007	H2-WA-005A	1.393	3.49	0.354	0.362	0.254	4531.1	2011-08-24
H2-WA-009_H2-WA-007	H2-WA-009	H2-WA-007	1.840	4.52	0.246	0.334	0.134	3176.1	2011-08-24
H2-WA-010_H2-WA-009	H2-WA-010	H2-WA-009	0.120	4.88	0.040	0.994	0.329	497.6	2011-08-24
H2-WA-011_H2-WA-010	H2-WA-011	H2-WA-010	0.065	5.02	0.027	0.926	0.420	346.5	2011-08-24
H2-WA-012_H2-WA-011	H2-WA-012	H2-WA-011	0.069	5.19	0.027	0.820	0.387	328.9	2011-08-24
H2-WA-013_H2-WA-0000	H2-WA-013	H2-WA-0000	0.190	5.24	0.016	3.320	0.086	201.4	2011-08-24
H2-WW.1	H2-WW	H2-OF	0.000	1.52	1.046	2.658		17437.1	2011-08-24
H3-02-001_H3-HU-001	H3-02-001	H3-HU-001	0.000	3.62	0.018	0.636		220.4	2011-08-24
H3-03-002_H3-RI-006	H3-03-002	H3-RI-006	4.671	1.26	1.015	2.735	0.217	17362.1	2011-08-24
H3-03-004_H3-03-002	H3-03-004	H3-03-002	0.563	1.39	0.948	2.065	1.686	16561.4	2011-08-24
H3-03-006_H3-CO-004	H3-03-006	H3-CO-004	3.020	1.49	0.588	2.282	0.195	12060.2	2011-08-24
H3-03-007_H1-03-003A	H3-03-007	H1-03-003A	1.114	1.56	0.443	2.903	0.398	9854.3	2011-08-24
H3-03-009_H3-03-007	H3-03-009	H3-03-007	1.161	1.58	0.441	2.320	0.380	9806.8	2011-08-24
H3-03-010_H3-03-009	H3-03-010	H3-03-009	0.479	1.58	0.441	3.672	0.920	9832.3	2011-08-24
H3-03-015_H3-03-010	H3-03-015	H3-03-010	1.424	1.60	0.602	2.304	0.423	15252.4	2011-08-24
H3-03-015_H3-PA-025	H3-03-015	H3-PA-025	1.958	1.59	0.141	4.432	0.072	-349.9	2011-08-24
H3-03-020.1	H3-03-020	H3	5.554	1.11	-0.407	1.623	-0.073	-628.6	2011-08-24
H3-03-022_H3-03-022A	H3-03-022	H3-03-022A	4.477	1.49	-0.640	4.835	-0.143	7333.5	2011-08-24
H3-03-022A_H3-03-015	H3-03-022A	H3-03-015	0.855	1.56	-0.690	2.736	-0.807	8576.0	2011-08-24
H3-03-022A_H3-WI-038AB	H3-03-022A	H3-WI-038AB	1.237	1.51	0.357	4.251	0.289	8538.0	2011-08-24
H3-03-040.1	H3-03-040	H3-03-020	1.945	1.11	-0.332	1.323	-0.171	-498.6	2011-08-24
H3-03-050.1	H3-03-050	H3-03-040	1.204	1.11	-0.022	1.644	-0.018	-40.7	2011-08-24
H3-05-090_H3-WI-022	H3-WI-015	H3-WI-022	0.881	1.53	0.284	3.829	0.322	6928.9	2011-08-24
H3-05-100_H3-05-090	H3-05-100	H3-05-090	0.367	1.54	0.102	2.468	0.279	3126.5	2011-08-24
H3-05-100_H3-CL-013	H3-05-100	H3-CL-013	0.487	1.48	0.160	9.446	0.328	-73.4	2011-08-24
H3-CL-001_H3-CL-003	H3-CL-001	H3-CL-003	0.644	1.53	0.087	5.428	0.134	672.4	2011-08-24
H3-CL-003_H3-CL-004	H3-CL-003	H3-CL-004	0.698	1.53	0.091	4.449	0.130	736.4	2011-08-24
H3-CL-004_H3-CL-007	H3-CL-004	H3-CL-007	1.118	1.54	0.090	2.699	0.080	701.1	2011-08-24

H3-CL-007_H3-CL-011	H3-CL-007	H3-CL-011	0.186	1.54	0.192	2.717	1.029	2578.7	2011-08-24
H3-CL-011_H3-05-100	H3-CL-011	H3-05-100	0.990	1.54	0.192	2.422	0.194	2532.3	2011-08-24
H3-CL-013_H3-CL-015A	H3-CL-013	H3-CL-015A	0.437	1.46	0.159	3.171	0.365	-85.6	2011-08-24
H3-CL-015A_H1-CL-036	H3-CL-015A	H1-CL-036	0.963	1.45	0.171	3.719	0.177	29.8	2011-08-24
H3-CO-001_H3-CO-004	H3-CO-001	H3-CO-004	0.026	7.12	0.055	10.428	2.155	734.7	2011-08-24
H3-CO-004_H3-03-004	H3-CO-004	H3-03-004	2.595	1.46	0.710	2.510	0.273	13631.2	2011-08-24
H3-CO-006_H3-CO-004	H3-CO-006	H3-CO-004	0.060	5.55	0.055	0.751	0.916	734.7	2011-08-24
H3-GA-001_H1-01-021	H3-GA-001	H1-01-021	1.380	1.46	0.593	2.707	0.430	18454.3	2011-08-24
H3-GA-001_H3-GA-004	H3-GA-001	H3-GA-004	1.262	1.53	-0.577	2.886	-0.457	-18317.2	2011-08-24
H3-GA-004_H3-03-010	H3-GA-004	H3-03-010	1.454	1.59	-0.495	3.680	-0.340	-17187.0	2011-08-24
H3-GA-013C_H3-03-010	H3-GA-013C	H3-03-010	1.049	1.84	0.912	3.686	0.870	10110.2	2011-08-24
H3-GA-014_H3-GA-013C	H3-GA-014	H3-GA-013C	0.433	2.02	0.778	3.751	1.795	8664.1	2011-08-24
H3-GA-015A_H3-GA-014	H3-GA-015A	H3-GA-014	1.311	2.22	0.744	3.794	0.567	8355.3	2011-08-24
H3-GA-018A_H3-GA-015A	H3-GA-018A	H3-GA-015A	0.552	2.39	0.661	4.485	1.197	7539.9	2011-08-24
H3-GA-023_H3-GA-018A	H3-GA-023	H3-GA-018A	1.391	2.52	0.576	3.624	0.414	6696.9	2011-08-24
H3-GA-028_H3-GA-023	H3-GA-028	H3-GA-023	1.165	2.60	0.430	3.061	0.369	5077.4	2011-08-24
H3-GA-033_H3-GA-028	H3-GA-033	H3-GA-028	1.428	2.63	0.309	2.593	0.216	3330.4	2011-08-24
H3-GA-037_H3-GA-033	H3-GA-037	H3-GA-033	0.810	2.64	0.168	1.800	0.208	1381.5	2011-08-24
H3-HU-001_H3-03-004	H3-HU-001	H3-03-004	0.179	3.50	0.027	8.403	0.152	333.5	2011-08-24
H3-HU-004_H3-03-004	H3-HU-004	H3-03-004	0.000	1.53	0.028	8.707		358.0	2011-08-24
H3-INT-001_H3-INT-002	H3-INT-001	H3-INT-002	0.000	1.19	-0.279	3.612		-7812.4	2011-08-24
H3-INT-002_H3 REGULATOR	H3-INT-002	H3-INT-003A	9.018	1.20	-0.279	4.159	-0.031	-7825.2	2011-08-24
H3-INT-003_H3-INT-004	H3-INT-003	H3-INT-004	6.260	0.62	0.290	2.800	0.046	14888.8	2011-08-24
H3-INT-003A_H3 REGULATOR	H3-INT-003A	H3	5.802	1.13	0.884	4.083	0.152	10869.0	2011-08-24
H3-INT-004_H3-INT-005	H3-INT-004	H3-INT-005	5.518	0.62	0.307	2.694	0.056	14875.3	2011-08-24
H3-INT-005_H3-INT-006	H3-INT-005	H3-INT-006	1.980	0.62	0.271	2.794	0.137	14828.2	2011-08-24
H3-INT-006_H3-INT-007	H3-INT-006	H3-INT-007	2.683	0.61	0.262	2.836	0.098	14778.4	2011-08-24
H3-PA-001_H3-PA-004	H3-PA-001	H3-PA-004	0.359	1.89	-0.134	2.651	-0.374	1134.8	2011-08-24
H3-PA-004_H3-PA-009	H3-PA-004	H3-PA-009	0.760	1.88	0.259	3.158	0.340	2948.8	2011-08-24
H3-PA-009_H3-PA-012	H3-PA-009	H3-PA-012	0.869	1.81	0.366	2.889	0.421	4015.4	2011-08-24
H3-PA-012_H3-03-015	H3-PA-012	H3-03-015	0.549	1.72	0.480	2.898	0.873	5228.3	2011-08-24
H3-PA-025_H1-PA-024	H3-PA-025	H1-PA-024	1.031	1.58	0.159	3.362	0.155	-166.1	2011-08-24
H3-RI-001_H3-RI-002	H3-RI-001	H3-RI-002	0.072	1.29	0.022	4.313	0.306	362.9	2011-08-24
H3-RI-002_H3-RI-003	H3-RI-002	H3-RI-003	0.051	1.27	0.022	4.515	0.433	359.4	2011-08-24
H3-RI-003_H3-RI-006	H3-RI-003	H3-RI-006	0.257	1.25	0.023	5.560	0.090	437.5	2011-08-24
H3-WI-002_H3-WI-005	H3-WI-002	H3-WI-005	1.684	1.54	-0.102	2.918	-0.061	622.5	2011-08-24
H3-WI-005_H3-WI-010	H3-WI-005	H3-WI-010	0.697	1.54	-0.097	3.863	-0.139	598.9	2011-08-24
H3-WI-010_H3-05-090	H3-WI-010	H3-05-090	0.642	1.54	0.228	2.962	0.355	2304.3	2011-08-24
H3-WI-022_H3-03-022A	H3-WI-022	H3-03-022A	1.612	1.53	0.387	3.750	0.240	8383.7	2011-08-24
H3-WI-038AB_H1-02-038A	H3-WI-038AB	H1-02-038A	0.493	1.47	0.394	3.677	0.799	8960.5	2011-08-24
H3-WW.1	H3-IC	H3-INT-003	4.965	0.63	0.287	3.669	0.058	14900.6	2011-08-24
H3-WW_OF-H4-TG2	H3-WW	OF-H4-TG2	3.876	1.11	0.670	1.496	0.173	-4970.3	2011-08-24
H4 REGULATOR_HWF-INT-012	H3-INT-007	HWF-INT-012	1.625	0.61	0.456	2.876	0.281	25578.9	2011-08-24
H4-04-002_H4-04-003	H4-04-002	H4-04-003	9.290	1.48	0.043	2.808	0.005	291.6	2011-08-24
H4-04-003_H4-04-010	H4-04-003	H4-04-010	11.296	1.17	1.951	1.159	0.173	47060.8	2011-08-24
H4-04-004_H4-04-003	H4-04-004	H4-04-003	11.071	1.19	1.909	0.916	0.172	46595.8	2011-08-24

H4-04-005_H4-04-004	H4-04-005	H4-04-004	4.256	1.23	1.718	0.926	0.404	44646.0	2011-08-31
H4-04-006_H4-04-005	H4-04-006	H4-04-005	17.025	1.26	1.695	1.314	0.100	43011.0	2011-08-31
H4-04-007_H4-04-006	H4-04-007	H4-04-006	8.515	1.28	1.687	0.986	0.198	43066.5	2011-08-31
H4-04-008_H4-04-007	H4-04-008	H4-04-007	3.214	1.32	1.669	1.196	0.519	43024.2	2011-08-31
H4-04-010_H4	H4-04-010	H4	8.466	1.15	2.012	1.146	0.238	47450.0	2011-08-31
H4-07-080_H4-GA-005	H4-07-080	H4-GA-005	6.710	1.46	1.523	1.239	0.227	42301.1	2011-08-31
H4-07-090_H4-07-080	H4-07-090	H4-07-080	5.935	1.48	1.517	1.330	0.256	42284.2	2011-08-31
H4-07-090_H4-07-090A	H4-07-090A	H4-07-090	7.063	1.50	1.235	1.779	0.175	35361.3	2011-08-31
H4-07-100_H4-07-090A	H4-07-100	H4-07-090A	1.016	1.51	0.471	5.308	0.463	4373.8	2011-08-31
H4-07-140_H4-CL-027	H4-07-140	H4-CL-027	5.704	1.51	0.877	1.428	0.154	28714.9	2011-08-31
H4-07-150_H4-07-150A	H4-07-150	H4-07-150A	8.496	1.51	0.801	1.471	0.094	24752.7	2011-08-31
H4-07-150A_H4-07-140	H4-07-150A	H4-07-140	1.367	1.51	0.826	1.433	0.604	25614.4	2011-08-31
H4-07-160_H4-07-150	H4-07-160	H4-07-150	3.764	1.51	0.758	1.471	0.201	23337.2	2011-08-31
H4-07-170_H4-07-160	H4-07-170	H4-07-160	1.661	1.51	0.691	2.107	0.416	21065.1	2011-08-31
H4-07-180_H4-07-170	H4-07-180	H4-07-170	1.873	1.50	-0.598	2.102	-0.319	11883.2	2011-08-31
H4-07-190_H4-MA-015	H4-07-190	H4-MA-015	1.828	1.48	0.384	1.602	0.210	8888.3	2011-08-31
H4-07-200_H4-07-190	H4-07-200	H4-07-190	1.367	1.48	0.207	1.531	0.152	5444.0	2011-08-31
H4-AD-002_H4-AD-011	H4-AD-010	H4-AD-011	0.704	1.53	0.101	2.522	0.143	1086.2	2011-08-31
H4-AD-011_H4-07-160	H4-AD-011	H4-07-160	0.393	1.53	0.221	3.460	0.563	2365.9	2011-08-31
H4-CL-001_H4-CL-004	H4-CL-001	H4-CL-004	0.347	1.75	0.095	3.629	0.275	1061.0	2011-08-31
H4-CL-004_H4-CL-009	H4-CL-004	H4-CL-009	0.287	1.73	0.095	2.275	0.332	1037.4	2011-08-31
H4-CL-009_H4-CL-013	H4-CL-009	H4-CL-013	0.634	1.70	0.206	2.400	0.325	2141.0	2011-08-31
H4-CL-013_H4-CL-016	H4-CL-013	H4-CL-016	0.391	1.64	0.245	3.123	0.627	2448.9	2011-08-31
H4-CL-016_H4-CL-017	H4-CL-016	H4-CL-017	0.981	1.58	0.315	3.057	0.321	3028.2	2011-08-31
H4-CL-017_H4-07-140	H4-CL-017	H4-07-140	0.761	1.54	0.315	4.086	0.413	2966.8	2011-08-31
H4-CL-018_H4-CL-022	H4-CL-020	H4-CL-022	0.091	1.62	0.096	4.312	1.054	1201.4	2011-08-31
H4-CL-022_H4-CL-027	H4-CL-022	H4-CL-027	0.123	1.56	0.131	3.058	1.065	2089.0	2011-08-31
H4-CL-027_H4-07-090A	H4-CL-027	H4-07-090A	8.501	1.51	0.996	1.783	0.117	31246.7	2011-08-31
H4-GA-002_H4-04-008	H4-GA-002	H4-04-008	5.860	1.37	1.652	1.354	0.282	43066.0	2011-08-31
H4-GA-004_H4-GA-002	H4-GA-004	H4-GA-002	3.978	1.41	1.598	1.446	0.402	42768.1	2011-08-31
H4-GA-005_H4-GA-004	H4-GA-005	H4-GA-004	7.585	1.44	1.559	1.451	0.206	42544.0	2011-08-31
H4-GR-009_H4-07-150A	H4-GR-008	H4-07-150A	1.125	1.51	0.100	2.079	0.089	969.3	2011-08-31
H4-GR-010_H4-07-150	H4-GR-010	H4-07-150	0.457	1.53	0.145	3.233	0.316	1591.6	2011-08-31
H4-GR-011_H4-GR-010	H4-GR-011	H4-GR-010	0.481	1.53	0.128	3.409	0.266	1149.6	2011-08-31
H4-GR-012_H4-GR-011	H4-GR-012	H4-GR-011	0.325	1.54	-0.074	4.547	-0.228	119.4	2011-08-31
H4-HA-001_H4-07-200	H4-HA-001	H4-07-200	0.641	1.48	0.083	3.831	0.129	1095.6	2011-08-31
H4-HA-003_H4-HA-001	H4-HA-003	H4-HA-001	0.287	1.49	0.073	3.385	0.254	953.6	2011-08-31
H4-HA-004_H4-HA-003	H4-HA-004	H4-HA-003	0.346	1.49	0.002	5.246	0.007	170.1	2011-08-31
H4-HA-007_H4-HA-004	H4-HA-007	H4-HA-004	0.057	1.49	-0.003	5.254	-0.049	105.8	2011-08-31
H4-HU-001_H4-04-004	H4-HU-001	H4-04-004	14.891	5.89	0.128	2.466	0.009	1352.1	2011-08-31
H4-HU-002_H4-HU-001	H4-HU-002	H4-HU-001	0.000	6.36	0.088	1.082		919.2	2011-08-31
H4-JA-002_H1-JA-046	MH-T5-5STB	H1-JA-046	4.494	1.26	-0.146	3.545	-0.032	88.3	2011-08-31
H4-JA-002_H4-JA-003	H4-JA-002	H4-JA-003	0.100	1.28	-0.058	8.014	-0.575	84.8	2011-08-31
H4-JA-003_H4-JA-004	H4-JA-003	H4-JA-004	0.090	1.40	-0.050	10.434	-0.557	543.4	2011-08-31
H4-JA-004_H4-JA-006	H4-JA-004	H4-JA-006	1.741	1.47	-0.324	4.004	-0.186	-599.3	2011-08-31

H4-JA-006_H4-07-200	H4-JA-006	H4-07-200	1.361	1.48	-0.266	2.638	-0.195	614.9	2011-08-31
H4-JA-009_H4-07-200	H4-JA-009	H4-07-200	0.289	1.54	0.277	3.843	0.959	3679.1	2011-08-31
H4-JA-011_H4-JA-009	H4-JA-011	H4-JA-009	0.426	1.56	0.119	4.553	0.279	1510.6	2011-08-31
H4-JE-005_H4-07-170	H4-JE-005	H4-07-170	0.711	1.54	0.372	3.542	0.523	8821.5	2011-08-31
H4-JE-007_H4-JE-005	H4-JE-007	H4-JE-005	0.297	1.61	0.309	3.731	1.040	7269.1	2011-08-31
H4-JE-007_H5-JE-742	H4-JE-007	H5-JE-742	0.343	1.62	-0.292	3.891	-0.849	-6390.8	2011-08-31
H4-MA-001_H4-MA-006	H4-MA-001	H4-MA-006	0.374	1.47	-0.336	5.179	-0.899	1986.9	2011-08-31
H4-MA-006_H4-07-180	H4-MA-006	H4-07-180	0.375	1.49	-0.217	4.371	-0.579	3575.8	2011-08-31
H4-MA-008_H4-MA-015	H4-MA-008	H4-MA-015	1.755	1.50	-0.043	5.059	-0.025	-128.6	2011-08-31
H4-MA-015_H4-07-180	H4-MA-015	H4-07-180	6.278	1.49	-0.460	2.194	-0.073	8403.5	2011-08-31
H4-MO-001_H4-07-190	H4-MO-001	H4-07-190	3.493	1.46	-0.246	3.297	-0.070	3749.0	2011-08-31
H4-MO-002A_H4-MO-001	H4-MO-002A	H4-MO-001	0.681	1.45	0.264	4.294	0.388	3758.7	2011-08-31
H4-MO-004_H4-MO-002A	H4-MO-004	H4-MO-002A	0.521	1.43	0.221	5.018	0.424	3748.8	2011-08-31
H4-PA-005_H4-07-090	H4-PA-004	H4-07-090	1.442	1.59	0.519	2.801	0.360	6633.8	2011-08-31
H4-PA-005_H4-WI-013	H4-PA-005	H4-WI-013	0.925	1.64	-0.064	2.570	-0.069	-1009.2	2011-08-31
H4-PA-008_H4-PA-005	H4-PA-008	H4-PA-005	0.129	1.66	0.406	1.658	3.144	4211.3	2011-08-31
H4-PA-011_H4-PA-008	H4-PA-011	H4-PA-008	3.193	1.67	-0.324	1.660	-0.101	2840.3	2011-08-31
H4-PA-012_H4-PA-011	H4-PA-012	H4-PA-011	0.805	1.67	0.167	2.412	0.208	1834.8	2011-08-31
H4-PA-016_H4-PA-012	H4-PA-016	H4-PA-012	1.896	2.15	0.113	1.472	0.060	1240.5	2011-08-31
H4-WI-001_H4-WI-004	H4-WI-001	H4-WI-004	0.401	1.72	-0.148	2.811	-0.369	1070.0	2011-08-31
H4-WI-004_H4-WI-005	H4-WI-004	H4-WI-005	1.077	1.71	-0.193	1.798	-0.179	1051.1	2011-08-31
H4-WI-005_H4-WI-009	H4-WI-005	H4-WI-009	1.047	1.71	-0.380	2.198	-0.363	2546.9	2011-08-31
H4-WI-009_H4-WI-013	H4-WI-009	H4-WI-013	1.057	1.69	0.380	2.570	0.359	3995.9	2011-08-31
H4-WI-013_H4-07-100	H4-WI-013	H4-07-100	2.223	1.63	0.559	4.374	0.251	4456.0	2011-08-31
H4-WW.2	H4-WW	OF-H4-TG2	0.000	1.10	1.870	1.357		36451.0	2011-08-31
H5_GC to H5_OF Original	H5_Inflow_Dummy	H5_Outflow_Dummy	0.000	0.77	0.090	1.580		327.0	2011-08-31
H5_GC.3	H5-SF	H5_GC	14.198	0.79	1.710	0.388	0.120	48378.9	2011-08-31
H5_TideGate.1	H5_OF	Outfall6	0.000	0.95	-0.011	1.387		0.0	2011-08-31
H5_WW.3	H5-WW	H5-SF	0.000	0.79	1.710	0.974		48494.2	2011-08-31
H5-09-444_H5-WA-440	H5-09-444	H5-WA-440	0.264	5.09	0.016	2.529	0.059	173.2	2011-08-31
H5-09-804_H4-MO-004	H5-09-804	H4-MO-004	0.020	1.49	0.015	9.634	0.763	388.2	2011-08-31
H5-10-446_H5-WA-400	H5-10-446	H5-WA-400	0.194	2.73	0.016	5.168	0.081	172.6	2011-08-31
H5-11-010_H5-11-009	H5-11-010	H5-INT-008A	1.098	1.12	0.857	2.750	0.780	34048.7	2011-08-31
H5-11-010_H5-WA-350	H5-11-010	H5-WA-350	2.626	2.51	-0.596	3.869	-0.227	-18290.9	2011-08-31
H5-11-015_H5-11-010	H5-11-015	H5-11-010	1.609	3.30	1.309	2.631	0.814	16673.0	2011-08-31
H5-11-020.1	H5-INT-008A	H5	5.173	0.86	0.857	1.481	0.166	34057.9	2011-08-31
H5-11-316_H5-WA-350	H5-11-316	H5-WA-350	1.781	2.48	0.331	1.818	0.186	3354.6	2011-08-31
H5-11-318_H5-11-316	H5-11-318	H5-11-316	0.497	2.50	0.309	2.718	0.621	3138.0	2011-08-31
H5-11-510_H5-11-009	H5-11-510	H5-11-009	17.063	1.66	0.626	1.467	0.037	16246.7	2011-08-31
H5-11-520_H5-11-510	H5-11-520	H5-11-510	3.626	1.66	0.617	1.469	0.170	16035.2	2011-08-31
H5-11-530_H5-11-520	H5-11-530	H5-11-520	0.000	1.66	0.617	1.431		16188.6	2011-08-31
H5-11-560_H5-11-530	H5-11-560	H5-11-530	10.436	1.66	0.561	1.431	0.054	13363.5	2011-08-31
H5-11-580_H5-11-560	H5-11-580	H5-11-560	6.543	1.66	0.541	1.142	0.083	11555.6	2011-08-31
H5-11-580_H6-PA-582	H5-11-580	H6-PA-582	0.437	1.79	-0.108	9.526	-0.246	-9242.5	2011-08-31
H5-11-620_H5-11-580	H5-11-620	H5-11-580	6.860	1.66	0.418	1.357	0.061	1615.4	2011-08-31
H5-11-620_H5-WI-624	H5-11-620	H5-WI-624	0.963	1.75	-0.295	5.878	-0.306	-3356.4	2011-08-31

H5-11-630_H5-11-620	H5-11-630	H5-11-620	10.118	1.66	-0.556	1.062	-0.055	-1572.9	2011-08-24
H5-11-640_H5-11-630	H5-11-640	H5-11-630	4.380	1.66	-0.621	1.327	-0.142	-2159.1	2011-08-24
H5-11-640A_H7-SIP-006	H5-11-640A	H7-SIP-006	0.914	0.49	0.613	0.921	0.671	40062.4	2011-08-24
H5-11-650_H5-11-640	H5-11-650	H5-11-640	0.000	1.65	0.505	0.989		1270.2	2011-08-24
H5-11-670_H5-11-650	H5-11-670	H5-11-650	1.632	1.65	-0.623	1.380	-0.382	-686.6	2011-08-24
H5-11-670_H5-GR-678	H5-11-670	H5-GR-678	0.429	1.65	-0.116	4.121	-0.270	-1093.3	2011-08-24
H5-11-691_H5-11-670	H5-11-691	H5-11-670	2.929	1.63	-0.905	1.875	-0.309	-3690.8	2011-08-24
H5-11-710_H5-11-691	H5-11-710	H5-11-691	3.752	1.60	-0.834	1.392	-0.222	-3380.4	2011-08-24
H5-11-720_H5-11-710	H5-11-720	H5-11-710	3.751	1.59	-0.845	1.370	-0.225	-3467.6	2011-08-24
H5-11-730_H5-11-720	H5-11-730	H5-11-720	3.001	1.58	-0.842	1.339	-0.281	-4050.8	2011-08-24
H5-11-730_H5-JE-734	H5-11-730	H5-JE-734	0.733	1.56	0.250	3.724	0.341	1252.3	2011-08-24
H5-11-750_H5-11-730	H5-11-750	H5-11-730	3.609	1.56	-0.813	2.401	-0.225	-834.4	2011-08-24
H5-11-780_H5-11-750	H5-11-780	H5-11-750	1.090	1.54	-0.188	1.812	-0.173	430.2	2011-08-24
H5-11-780_H5-MO-794	H5-11-780	H5-MO-794	0.737	1.54	0.206	4.021	0.280	1140.4	2011-08-24
H5-11-788_H5-11-780	H5-11-788	H5-11-780	0.787	1.54	0.065	3.575	0.082	880.3	2011-08-24
H5-12-013_H5-HU-012	H5-12-013	H5-HU-012	7.570	1.92	0.057	2.184	0.008	1327.7	2011-08-24
H5-12-594_H5-12-599	H5-12-594	H5-12-599	0.069	2.58	0.068	4.403	0.990	763.8	2011-08-24
H5-12-599_H5-12-602	H5-12-599	H5-12-602	0.433	2.50	0.068	2.207	0.157	763.5	2011-08-24
H5-12-608_H5-12-602	H5-12-608	H5-12-602	0.093	2.37	-0.170	4.954	-1.822	-1910.6	2011-08-24
H5-12-786_H5-MO-784	H5-12-786	H5-MO-784	0.590	1.54	0.001	2.969	0.001	43.6	2011-08-24
H5-AD-698_H5-11-691	H5-AD-698	H5-11-691	0.293	1.61	-0.102	3.504	-0.350	-609.8	2011-08-24
H5-AD-712_H5-11-710	H5-AD-712	H5-11-710	0.071	1.60	0.011	6.876	0.150	116.9	2011-08-24
H5-AD-717_H5-11-720	H5-AD-714	H5-11-720	0.051	1.59	0.047	6.718	0.922	672.6	2011-08-24
H5-AT-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.84	0.204	3.068	0.097	2511.3	2011-08-24
H5-BL-334_H5-11-318	H5-BL-334	H5-11-318	0.379	2.53	0.191	2.722	0.504	1893.4	2011-08-24
H5-BL-346_H5-BL-334	H5-BL-346	H5-BL-334	0.533	2.53	0.069	2.666	0.130	698.1	2011-08-24
H5-BL-354_H5-BL-346	H5-BL-354	H5-BL-346	0.136	2.81	0.041	3.992	0.298	459.8	2011-08-24
H5-CL-648_H5-11-640	H5-CL-648	H5-11-640	0.306	1.64	-0.184	3.929	-0.600	-3294.8	2011-08-24
H5-CL-662_H5-11-650	H5-CL-662	H5-11-650	0.427	1.75	0.147	3.461	0.345	1624.7	2011-08-24
H5-CP-071_H5-HU-151	H5-CP-071	H5-HU-151	1.016	7.80	0.507	5.107	0.499	5998.1	2011-08-24
H5-CP-097_H5-CP-071	H5-CP-097	H5-CP-071	1.167	8.21	0.507	2.715	0.435	6001.5	2011-08-24
H5-CP-104_H5-CP-097	H5-CP-104	H5-CP-097	0.245	14.41	0.136	4.325	0.558	1835.8	2011-08-24
H5-CP-112_H5-CP-104	H5-CP-112	H5-CP-104	0.030	14.72	0.037	1.101	1.215	691.1	2011-08-24
H5-CP-112_H5-ST-254	H5-CP-112	H5-ST-254	1.952	14.55	0.315	0.592	0.161	4081.0	2011-08-24
H5-Disharge1	H5_Outflow	H5_Outflow_Dummy	0.000	0.77	-0.001	2.497		-4.4	2011-08-24
H5-GA-001A_H6-GA-562	H6-GA-001A	H5-GA-562	0.097	2.63	0.113	1.664	1.168	665.4	2011-08-24
H5-GA-562_H5-11-560	H5-GA-562	H5-11-560	0.899	1.91	0.223	6.394	0.248	1855.6	2011-08-24
H5-GR-674_H5-11-670	H5-GR-674	H5-11-670	0.674	1.64	0.067	3.377	0.099	828.5	2011-08-24
H5-GR-682_H5-GR-678	H5-GR-682	H5-GR-678	1.236	1.66	0.116	4.126	0.094	1137.1	2011-08-24
H5-GR-684_H5-GR-682	H5-GR-684	H5-GR-682	2.268	1.67	0.079	2.153	0.035	767.4	2011-08-24
H5-GR-688_H5-GR-682	H5-GR-688	H5-GR-682	2.219	1.67	0.005	4.425	0.002	46.5	2011-08-24
H5-HU-007_H5-HU-012	H5-HU-007	H5-HU-012	0.369	1.96	0.147	2.184	0.398	1467.5	2011-08-24
H5-HU-007_H6-HU-001	H5-HU-007	H6-HU-001	1.277	1.96	-0.084	2.256	-0.065	-454.6	2011-08-24
H5-HU-010_H5-11-009	H5-HU-010	H5-11-009	0.293	1.69	0.353	3.322	1.203	4530.5	2011-08-24
H5-HU-012_H5-HU-010	H5-HU-012	H5-HU-010	0.638	1.88	0.333	2.500	0.522	4341.5	2011-08-24
H5-HU-015_H5-12-013	H5-HU-015	H5-12-013	0.110	2.33	0.058	0.918	0.523	1328.0	2011-08-24

H5-HU-017_H5-HU-015	H5-HU-017	H5-HU-015	0.088	2.87	0.049	0.946	0.549	548.4	2011-08-24
H5-HU-020_H5-11-015	H5-HU-020	H5-11-015	1.181	5.17	1.259	4.009	1.065	15722.0	2011-08-24
H5-HU-040_H5-HU-020	H5-HU-040	H5-HU-020	1.536	6.69	1.276	4.921	0.831	14888.4	2011-08-24
H5-HU-150A_H5-HU-151	H5-HU-150A	H5-HU-151	1.594	7.27	0.831	4.086	0.521	8421.2	2011-08-24
H5-HU-151_H5-HU-040	H5-HU-151	H5-HU-040	2.415	7.09	1.230	4.943	0.509	14414.7	2011-08-24
H5-HU-200A_H5-HU-150A	H5-HU-200A	H5-HU-150A	1.540	7.47	0.818	3.912	0.531	7949.8	2011-08-24
H5-HU-250_H5-HU-200A	H5-HU-250	H5-HU-200A	1.342	7.59	0.757	3.081	0.564	6158.3	2011-08-24
H5-HU-272_H5-HU-250	H5-HU-272	H5-HU-250	1.408	7.61	0.148	2.458	0.105	217.4	2011-08-24
H5-HW-542_H5-11-530	H5-HW-542	H5-11-530	0.161	2.32	0.212	1.566	1.316	2408.2	2011-08-24
H5-IC.1	H5-IC	11PS	2.666	0.93	0.201	3.562	0.076	14589.9	2011-08-24
H5-INT-001_H5-11-640A	H5-INT-001	H5-11-640A	1.345	0.56	0.614	0.931	0.457	40724.5	2011-08-24
H5-INT-002_H5-INT-001	H5-INT-002	H5-INT-001	2.021	0.61	0.440	1.525	0.218	26557.2	2011-08-24
H5-INT-003_H5-INT-002	H5-INT-003	H5-INT-002	0.000	0.65	0.440	1.084		26579.3	2011-08-24
H5-INT-004_H5-INT-003	H5-INT-004	H5-INT-003	1.551	5.86	0.440	0.364	0.284	26593.0	2011-08-24
H5-INT-004A_H5-INT-004	H5-INT-004A	H5-INT-004	0.982	6.44	0.440	0.617	0.448	26646.2	2011-08-24
H5-INT-004B_H5-INT-004A	H5-INT-004B	H5-INT-004A	1.220	7.12	0.440	0.570	0.361	26712.6	2011-08-24
H5-INT-005_H5-INT-004B	H5-INT-005	H5-INT-004B	0.487	7.46	0.440	0.661	0.904	26770.4	2011-08-24
H5-INT-006_H5-INT-005	H5-INT-006	H5-INT-005	0.000	7.50	0.440	0.701		26842.4	2011-08-24
H5-INT-007_H5-INT-006	H5-INT-007	H5-INT-006	0.740	7.59	0.440	0.736	0.595	26867.5	2011-08-24
H5-INT-007A_H5-INT-007	H5-INT-007A	H5-INT-007	1.246	8.11	0.440	0.711	0.353	26902.6	2011-08-24
H5-INT-008_11th St PS	H5-11-020	H5-INT-001	0.519	0.61	0.173	1.034	0.334	14525.8	2011-08-24
H5-INT-009_H5-INT-008	H5-INT-009	H5-INT-008	0.245	0.96	0.214	3.645	0.876	9740.8	2011-08-24
H5-INT-010_H5-INT-009	H5-INT-010	H5-INT-009	0.806	0.98	0.201	3.724	0.249	9673.6	2011-08-24
H5-JE-734_H5-JE-736A	H5-JE-734	H5-JE-736A	0.814	1.49	0.236	5.572	0.289	1348.2	2011-08-24
H5-JE-736A_H7-JE-007	H5-JE-736A	H7-JE-007	0.922	1.41	0.185	4.370	0.200	1526.9	2011-08-24
H5-JE-742_H5-11-730	H5-JE-742	H5-11-730	0.298	1.61	-0.250	5.224	-0.838	-2421.9	2011-08-24
H5-JK-798_H5-09-804	H5-JK-798	H5-09-804	0.071	1.61	0.045	5.838	0.638	515.6	2011-08-24
H5-JK-798_H5-MO-794	H5-JK-798	H5-MO-794	0.077	1.63	0.025	8.042	0.323	293.9	2011-08-24
H5-MA-754_H5-11-750	H5-MA-754	H5-11-750	0.141	1.51	-0.325	4.745	-2.306	-672.3	2011-08-24
H5-MA-756_H5-MA-754	H5-MA-756	H5-MA-754	0.756	1.42	-0.270	5.646	-0.357	-616.8	2011-08-24
H5-MA-756A_H5-MA-756	H5-MA-756A	H5-MA-756	0.065	1.39	-0.035	7.476	-0.535	-204.9	2011-08-24
H5-MA-762_H5-11-750	H5-MA-762	H5-11-750	1.124	1.53	-0.334	4.118	-0.297	-614.5	2011-08-24
H5-MA-762_H5-MA-768	H5-MA-764	H5-MA-768	0.098	1.40	0.046	8.354	0.472	789.9	2011-08-24
H5-MA-768_H4-MA-001	H5-MA-768	H4-MA-001	1.262	1.40	-0.230	6.129	-0.182	1135.9	2011-08-24
H5-MO-784_H5-11-780	H5-MO-784	H5-11-780	1.034	1.54	-0.017	2.860	-0.017	210.1	2011-08-24
H5-MO-794_H4-MO-004	H5-MO-794	H4-MO-004	0.307	1.51	0.195	5.148	0.635	3657.0	2011-08-24
H5-SF.3	H5-INT-008	H5-IC	2.555	0.93	0.214	3.545	0.084	9695.0	2011-08-24
H5-SH-052_H5-HU-040	H5-SH-052	H5-HU-040	0.060	7.13	0.036	14.828	0.591	308.5	2011-08-24
H5-ST-078_H5-CP-097	H5-ST-078	H5-CP-097	0.076	10.92	0.311	9.406	4.080	3249.6	2011-08-24
H5-ST-084_H5-ST-078	H5-ST-084	H5-ST-078	0.185	16.94	0.197	15.568	1.068	1969.5	2011-08-24
H5-ST-096_H5-ST-084	H5-ST-096	H5-ST-084	0.125	22.19	0.091	20.690	0.723	926.5	2011-08-24
H5-ST-114_H5-CP-112	H5-ST-114	H5-CP-112	0.104	22.51	0.122	11.760	1.168	1517.2	2011-08-24
H5-ST-116_H5-ST-114	H5-ST-116	H5-ST-114	0.118	25.57	0.082	17.992	0.699	1020.2	2011-08-24
H5-ST-124_H5-CP-112	H5-ST-124	H5-CP-112	0.085	19.66	0.122	11.400	1.442	2214.4	2011-08-24
H5-ST-128_H5-ST-124	H5-ST-128	H5-ST-124	0.084	20.70	0.110	13.113	1.309	1888.2	2011-08-24

H5-ST-134_H5-ST-128	H5-ST-134	H5-ST-128	0.158	21.21	0.099	11.995	0.624	1408.1	2011-08-2
H5-ST-136_H5-ST-134	H5-ST-136	H5-ST-134	0.087	22.19	0.123	15.343	1.420	1408.4	2011-08-2
H5-ST-252_H5-HU-250	H5-ST-252	H5-HU-250	2.097	7.84	0.204	3.068	0.097	2511.3	2011-08-2
H5-ST-254_H5-ST-252	H5-ST-254	H5-ST-252	1.967	10.87	0.359	0.721	0.183	4502.4	2011-08-2
H5-WA-350_H5-WA-356	H5-WA-350	H5-WA-356	3.976	2.47	0.426	2.575	0.107	1486.1	2011-08-2
H5-WA-356_H6-WA-004	H5-WA-356	H6-WA-004	0.144	2.45	0.080	4.296	0.554	1641.5	2011-08-2
H5-WA-400_H5-WA-350	H5-WA-400	H5-WA-350	1.233	2.48	0.446	1.818	0.362	6505.3	2011-08-2
H5-WA-440_H5-WA-400	H5-WA-440	H5-WA-400	0.397	2.48	0.213	2.067	0.536	4577.9	2011-08-2
H5-WA-480_H5-WA-440	H5-WA-480	H5-WA-440	1.078	2.48	0.273	1.012	0.254	2853.7	2011-08-2
H5-WA-480A_H5-WA-480	H5-WA-480A	H5-WA-480	0.786	2.49	0.070	0.521	0.089	669.5	2011-08-2
H5-WA-490_H5-WA-480	H5-WA-490	H5-WA-480	1.124	2.48	0.096	0.521	0.085	1093.5	2011-08-2
H5-WA-490A_H5-WA-490	H5-WA-490A	H5-WA-490	0.732	2.49	0.055	0.483	0.075	506.1	2011-08-2
H5-WI-606_H5-12-602	H5-WI-606	H5-12-602	0.126	2.54	0.055	3.679	0.437	628.4	2011-08-2
H5-WI-612_H5-12-608	H5-WI-612	H5-12-608	0.008	3.50	0.030	16.851	3.842	312.9	2011-08-2
H5-WI-624_H5-12-608	H5-WI-624	H5-12-608	0.219	2.05	-0.295	4.269	-1.346	-3370.6	2011-08-2
H6 REGULATOR_H5-INT-010	H6-IC	H5-INT-010	1.895	1.00	0.201	3.457	0.106	9768.2	2011-08-2
H6-14-001_H6-14-002	H6-14-001	H6-14-002	0.146	2.54	0.130	7.582	0.889	-115.4	2011-08-2
H6-14-002_H6-14-003A	H6-14-002	H6-14-003A	0.204	2.37	0.130	6.448	0.638	-120.7	2011-08-2
H6-14-003_H6-14-006	H6-14-003	H6-14-006	0.613	2.22	0.431	3.576	0.703	4260.6	2011-08-2
H6-14-003A_H6-14-003B	H6-14-003A	H6-14-003B	0.735	2.27	0.130	6.391	0.177	-126.5	2011-08-2
H6-14-003B_H6-14-003	H6-14-003B	H6-14-003	4.700	2.24	0.130	3.535	0.028	-121.3	2011-08-2
H6-14-006_H6-14-008	H6-14-006	H6-14-008	1.659	2.14	0.533	3.310	0.321	5342.6	2011-08-2
H6-14-008_H6-14-010	H6-14-008	H6-14-010	0.742	2.03	0.735	3.257	0.990	10794.4	2011-08-2
H6-14-010A_H6-14-010	H6-14-010A	H6-14-010	0.078	2.36	0.216	9.339	2.782	3687.9	2011-08-2
H6-14-010B_H6-14-010A	H6-14-010B	H6-14-010A	0.046	3.63	0.144	13.100	3.113	2309.3	2011-08-2
H6-14-010C_H6-14-010B	H6-14-010C	H6-14-010B	0.064	4.60	0.112	14.885	1.751	1825.5	2011-08-2
H6-14-020.1	H6-14-020	H6	0.230	1.55	-0.004	4.754	-0.019	-16.2	2011-08-2
H6-GA-001A_H6-GA-005	H6-GA-001A	H6-GA-005	0.161	2.75	0.037	6.903	0.228	491.5	2011-08-2
H6-GA-005_H6-GA-008	H6-GA-005	H6-GA-008	0.091	2.70	0.101	4.906	1.112	1842.3	2011-08-2
H6-GA-008_H6-14-003	H6-GA-008	H6-14-003	0.159	2.29	0.125	7.393	0.789	2138.5	2011-08-2
H6-GA-009_H6-14-003	H6-GA-009	H6-14-003	4.947	2.24	0.094	1.835	0.019	1283.3	2011-08-2
H6-HU-001_H6-HU-002	H6-HU-001	H6-HU-003	0.064	1.95	-0.053	6.445	-0.836	454.2	2011-08-2
H6-HU-001A_H6-HU-001	H6-HU-001A	H6-HU-001	0.087	2.07	0.037	6.683	0.425	460.7	2011-08-2
H6-HU-003_H6-14-010	H6-HU-003	H6-14-010	0.368	1.92	0.049	6.513	0.132	814.7	2011-08-2
H6-HW-001_H6-14-006	H6-HW-001	H6-14-006	0.199	2.34	0.077	4.332	0.389	847.8	2011-08-2
H6-HW-001A_H5-HW-542	H6-HW-001A	H5-HW-542	0.207	2.42	0.029	1.797	0.140	-9.5	2011-08-2
H6-HW-001A_H6-HW-001	H6-HW-001A	H6-HW-001	0.474	2.39	0.008	1.987	0.018	10.3	2011-08-2
H6-PA-001_H6-PA-002	H6-PA-001	H6-PA-002	0.125	2.97	-0.138	7.093	-1.103	-2950.1	2011-08-2
H6-PA-002_H6-PA-007	H6-PA-002	H6-PA-007	0.055	3.03	-0.066	10.055	-1.186	-1801.6	2011-08-2
H6-PA-007_H6-14-001	H6-PA-007	H6-14-001	0.101	2.98	0.106	7.922	1.052	-410.4	2011-08-2
H6-PA-582_H6-PA-588	H6-PA-582	H6-PA-588	0.062	2.98	-0.108	5.149	-1.752	-9246.1	2011-08-2
H6-PA-588_H6-PA-592	H6-PA-588	H6-PA-592	0.631	3.95	-0.215	6.478	-0.340	-9252.7	2011-08-2
H6-PA-592_H6-PA-001	H6-PA-592	H6-PA-001	0.068	2.78	-0.145	6.114	-2.142	-2947.8	2011-08-2
H6-WA-004_H6-WA-009	H6-WA-004	H6-WA-009	0.229	2.39	0.128	5.376	0.560	3110.4	2011-08-2
H6-WA-009_H6-WA-010	H6-WA-009	H6-WA-010	0.206	2.37	0.142	5.559	0.688	4219.3	2011-08-2
H6-WA-010_H6-14-008	H6-WA-010	H6-14-008	0.214	2.27	0.142	6.619	0.663	4214.4	2011-08-2

H6WW_Outfall8	H6-WW	H7-15-012D	0.987	1.39	0.900	2.210	0.912	13695.5	2011-08-24
H7 REGULATOR_H7-INT-001	H7-IC	H7-INT-001	2.469	1.02	0.150	3.441	0.061	8561.0	2011-08-24
H7-15_Sta0+00.1	H7-15_Sta0+00	H7-15_Sta2+42.5+	0.074	1.09	-0.006	3.060	-0.082	-13.7	2011-08-24
H7-15_Sta2+42.5+.1	H7-15_Sta2+42.5+	H7-15-150	0.075	1.09	-0.030	3.114	-0.405	-208.1	2011-08-24
H7-15-001_H7-15-002	H7-15-001	H7-15-002	4.092	1.34	-0.288	1.863	-0.070	409.3	2011-08-24
H7-15-001_H7-MA-008	H7-15-001	H7-MA-008	0.280	1.33	-0.217	2.833	-0.773	-1156.4	2011-08-24
H7-15-002_H7-15-003	H7-15-002	H7-15-003	5.097	1.34	0.350	1.963	0.069	2940.2	2011-08-24
H7-15-002_H7-JE-003	H7-15-002	H7-JE-003	1.585	1.33	0.136	5.293	0.085	-226.6	2011-08-24
H7-15-003_H7-15-004	H7-15-003	H7-15-004	4.178	1.34	0.409	1.439	0.098	3926.7	2011-08-24
H7-15-003_H7-AD-003	H7-15-003	H7-AD-003	0.097	1.35	-0.075	4.318	-0.777	-1061.3	2011-08-24
H7-15-004_H7-15-005	H7-15-004	H7-15-005	2.549	1.34	0.456	1.000	0.179	6171.5	2011-08-24
H7-15-004_H7-GR-010	H7-15-004	H7-GR-010	0.384	1.34	-0.048	3.646	-0.124	-565.8	2011-08-24
H7-15-005_H7-15-006	H7-15-005	H7-15-006	2.721	1.34	0.632	1.029	0.232	12328.8	2011-08-24
H7-15-005_H7-CL-010	H7-15-005	H7-CL-010	0.785	1.47	-0.297	4.778	-0.379	-4661.1	2011-08-24
H7-15-006_H7-15-007	H7-15-006	H7-15-007	1.329	1.32	0.650	2.120	0.489	13091.4	2011-08-24
H7-15-007_H7-15-008	H7-15-007	H7-15-008	1.566	1.25	1.026	1.469	0.655	20445.4	2011-08-24
H7-15-008_H7-15-009	H7-15-008	H7-15-009	0.243	1.19	1.026	0.837	4.229	20389.8	2011-08-24
H7-15-009_H7-15-012B1	H7-15-009	H7-15-012B1	4.936	1.18	1.188	0.973	0.241	22255.3	2011-08-24
H7-15-010.1	H7-15-010	H7	0.124	1.13	-0.043	4.310	-0.344	-349.4	2011-08-24
H7-15-012B_H7-15-012D	H7-15-012B	H7-15-012D	9.189	1.13	1.120	0.947	0.122	14167.0	2011-08-24
H7-15-012B1_H7-15-012B	H7-15-012B1	H7-15-012B	8.391	1.15	1.239	1.300	0.148	22451.8	2011-08-24
H7-15-100.1	H7-15-100	H7-15-010	0.056	1.12	-0.037	4.126	-0.664	-330.9	2011-08-24
H7-15-110.1	H7-15-110	H7-15-100	0.147	1.11	-0.030	3.966	-0.207	-274.5	2011-08-24
H7-15-150.1	H7-15-150	H7-15-991	0.049	1.09	-0.030	3.691	-0.614	-240.9	2011-08-24
H7-15-991.1	H7-15-991	H7-15-110	0.049	1.10	-0.030	3.740	-0.614	-261.8	2011-08-24
H7-AD-001_H7-AD-002	H7-AD-001	H7-AD-002	0.674	1.34	-0.007	4.153	-0.010	187.6	2011-08-24
H7-AD-002_H7-15-003	H7-AD-002	H7-15-003	0.830	1.34	-0.017	4.814	-0.020	137.4	2011-08-24
H7-AD-003_H7-AD-004	H7-AD-003	H7-AD-004	0.344	1.35	-0.074	4.947	-0.214	-922.3	2011-08-24
H7-AD-004_H7-AD-005	H7-AD-004	H7-AD-005	0.641	1.36	-0.074	4.835	-0.115	-960.8	2011-08-24
H7-AD-005_H7-AD-006	H7-AD-005	H7-AD-006	0.098	1.53	-0.074	6.653	-0.755	-975.6	2011-08-24
H7-AD-006_H5-AD-698	H7-AD-006	H5-AD-698	0.191	1.60	-0.071	5.276	-0.374	-843.0	2011-08-24
H7-CL-001_H7-CL-004	H7-CL-001	H7-CL-004	0.054	1.30	-0.070	5.146	-1.312	-1590.6	2011-08-24
H7-CL-004_H7-CL-006	H7-CL-004	H7-CL-006	0.651	1.36	-0.039	3.799	-0.059	-256.8	2011-08-24
H7-CL-006_H7-15-005	H7-CL-006	H7-15-005	0.482	1.35	0.130	4.498	0.270	1089.6	2011-08-24
H7-CL-010_H5-CL-648	H7-CL-010	H5-CL-648	0.206	1.55	-0.247	4.726	-1.200	-3991.2	2011-08-24
H7-GR-001_H7-GR-003	H7-GR-001	H7-GR-003	0.074	1.43	-0.067	8.415	-0.902	-1373.6	2011-08-24
H7-GR-003_H7-GR-004	H7-GR-003	H7-GR-004	0.058	1.44	0.059	4.054	1.019	314.4	2011-08-24
H7-GR-004_H7-GR-005	H7-GR-004	H7-GR-005	0.739	1.39	0.116	3.392	0.157	1058.0	2011-08-24
H7-GR-005_H7-GR-006	H7-GR-005	H7-GR-006	1.249	1.37	0.116	3.287	0.093	1030.2	2011-08-24
H7-GR-006_H7-15-004	H7-GR-006	H7-15-004	0.239	1.36	0.168	2.909	0.706	1764.3	2011-08-24
H7-GR-010_H7-GR-013	H7-GR-010	H7-GR-013	0.084	1.61	-0.048	8.743	-0.569	-589.4	2011-08-24
H7-GR-013_H5-GR-674	H7-GR-013	H5-GR-674	0.559	1.64	-0.046	5.345	-0.081	-446.8	2011-08-24
H7-INT-001_H6-INT-002	H7-INT-001	H6-IC	0.584	1.01	0.150	3.626	0.256	8523.8	2011-08-24
H7-JE-001_H7-15-002	H7-JE-001	H7-15-002	1.178	1.37	0.204	3.728	0.173	2803.5	2011-08-24
H7-JE-003_H7-JE-004	H7-JE-003	H7-JE-004	0.424	1.32	0.093	4.621	0.218	-216.1	2011-08-24
H7-JE-006_H7-JE-004	H7-JE-006	H7-JE-004	0.413	1.32	0.058	4.273	0.140	721.1	2011-08-24

H7-JE-007_H7-JE-006	H7-JE-007	H7-JE-006	0.090	1.36	0.060	9.893	0.664	744.1	2011-08-31
H7-MA-001_H7-MA-002	H7-MA-001	H7-MA-002	0.048	1.33	0.001	4.876	0.011	29.3	2011-08-31
H7-MA-002_H7-MA-004	H7-MA-002	H7-MA-004	0.044	1.33	0.004	4.939	0.082	26.8	2011-08-31
H7-MA-003_H7-MA-004	H7-MA-003	H7-MA-004	0.044	1.33	0.001	4.939	0.032	110.2	2011-08-31
H7-MA-004_H7-MA-006	H7-MA-004	H7-MA-006	0.043	1.33	0.005	5.459	0.120	130.4	2011-08-31
H7-MA-006_H7-15-001	H7-MA-006	H7-15-001	0.641	1.33	0.005	3.039	0.008	125.0	2011-08-31
H7-MA-008_H5-MA-756A	H7-MA-008	H5-MA-756A	0.036	1.32	-0.033	6.221	-0.919	-158.0	2011-08-31
H7-PA-001_H7-PA-004	H7-PA-001	H7-PA-004	0.056	1.79	0.048	8.115	0.866	178.7	2011-08-31
H7-PA-004_H7-PA-005	H7-PA-004	H7-PA-005	0.072	1.49	0.117	3.505	1.623	1398.7	2011-08-31
H7-PA-005_H7-PA-007	H7-PA-005	H7-PA-007	0.065	1.32	-0.049	5.424	-0.753	-597.3	2011-08-31
H7-PA-007B_H7-PA-007	H7-PA-007B	H7-PA-007	3.730	1.37	0.013	2.107	0.004	161.7	2011-08-31
H7-PA-011_H7-15-009	H7-PA-011	H7-15-009	0.087	2.08	0.089	5.947	1.017	1302.4	2011-08-31
H7-SIP-006_H7-SIP-005	H7-SIP-006	WWTP	0.000	0.17	0.613	0.406		40040.8	2011-08-31
H7-WI-001_H7-WI-002	H7-WI-001	H7-WI-002	0.101	2.01	0.065	4.000	0.638	959.0	2011-08-31
H7-WI-002_H7-WI-003	H7-WI-002	H7-WI-003	0.274	1.99	0.101	3.669	0.367	1075.0	2011-08-31
H7-WI-003_H7-WI-004	H7-WI-003	H7-WI-004	0.231	1.96	0.107	6.132	0.465	1066.1	2011-08-31
H7-WI-004_H7-WI-005	H7-WI-004	H7-WI-005	0.133	1.94	0.109	3.840	0.819	1059.0	2011-08-31
H7-WI-005_H7-WI-009	H7-WI-005	H7-WI-009	0.190	1.94	0.111	4.539	0.588	1047.9	2011-08-31
H7-WI-007_H7-WI-009	H7-WI-007	H7-WI-009	0.065	2.12	0.049	7.942	0.761	680.2	2011-08-31
H7-WI-009_H7-15-007	H7-WI-010	H7-15-007	0.287	1.58	0.225	3.452	0.782	3882.0	2011-08-31
H7-WI-013_H7-15-007	H7-WI-013	H7-15-007	0.713	1.35	0.190	3.452	0.267	2422.8	2011-08-31
H7-WI-014A_H7-WI-014	H7-WI-014A	H7-WI-013	0.989	1.37	0.148	3.005	0.150	1822.6	2011-08-31
H7-WI-015_H7-15-006	H7-WI-015	H7-15-006	0.418	1.34	0.043	3.527	0.102	576.6	2011-08-31
H7-WI-017_H7-WI-014A	H7-WI-017	H7-WI-014A	0.827	1.39	0.128	3.018	0.155	1582.6	2011-08-31
H7-WI-017B_H7-WI-017	H7-WI-017B	H7-WI-017	0.100	1.44	0.028	5.117	0.284	359.5	2011-08-31
H7-WI-019_H7-WI-017	H7-WI-019	H7-WI-017	0.252	1.41	0.012	2.711	0.047	136.1	2011-08-31
H7-WW.1	H7-WW	H7-15-012B	0.000	1.13	-0.171	0.985		-8944.0	2011-08-31
HHA-FM_DITCH	HHA-FM	HHA-OF	0.156	7.60	0.317	23.703	2.036	9597.6	2011-08-31
HSI.1	HSI	5PS	0.309	0.97	0.085	0.358	0.274	1522.2	2011-08-31
HSI-05-002A_HSI-05-002	HSI-05-002A	HSI-05-002	0.264	5.39	0.114	3.950	0.432	1346.7	2011-08-31
HSI-05-010.1	HSI-05-010	HSI	0.590	3.47	0.443	0.706	0.751	5629.7	2011-08-31
HSI-RI-001_HSI-RI-003A	HSI-RI-001	HSI-RI-003A	0.268	12.71	0.087	1.330	0.326	1085.0	2011-08-31
HSI-RI-003A_HSI-RI-008	HSI-RI-003A	HSI-RI-008	0.303	11.19	0.237	1.302	0.782	3189.1	2011-08-31
HSI-RI-004A_HSI-RI-003A	HSI-RI-004A	HSI-RI-003A	0.117	14.79	0.130	4.403	1.108	1863.2	2011-08-31
HSI-RI-004AV_HSI-RI-004A	HSI-RI-004AV	HSI-RI-004A	0.000	16.15	0.097	12.194		1336.6	2011-08-31
HSI-RI-004B_HSI-RI-004AV	HSI-RI-004B	HSI-RI-004AV	0.000	17.39	0.097	18.321		1337.0	2011-08-31
HSI-RI-004C_HSI-RI-004B	HSI-RI-004C	HSI-RI-004B	0.000	18.81	0.057	25.278		570.9	2011-08-31
HSI-RI-004E_HSI-RI-004B	HSI-RI-004E	HSI-RI-004B	0.000	22.22	0.070	42.061		767.2	2011-08-31
HSI-RI-004H_HSI-RI-004A	HSI-RI-004H	HSI-RI-004A	0.182	15.48	0.050	6.682	0.274	527.1	2011-08-31
HSI-RI-008_HSI-05-002	HSI-RI-008	HSI-05-002	0.478	7.75	0.316	3.160	0.662	4130.7	2011-08-31
HWF-INT-012_HWF-INT-013	HWF-INT-012	5PS	1.537	0.60	0.447	2.962	0.291	25498.8	2011-08-31
HWF-INT-016A_H5-INT-007A	HWF-INT-016A	H5-INT-007A	0.267	8.71	0.440	1.048	1.650	26950.8	2011-08-31
Link_10	Node_77	Outfall8	10.635	0.96	2.020	1.616	0.190	27739.2	2011-08-31
Link_103	H4-IC	H3-INT-007	2.656	0.61	0.212	2.965	0.080	10879.8	2011-08-31
Link_11	H6-14-010	H6	1.117	1.79	0.961	2.291	0.860	15140.9	2011-08-31

Link_110	HSI-OF	HWF-INT-016	5.961	1.10	0.358	0.924	0.060	4098.4	2011-08-2
Link_112	Node_32	Node_61	2.333	1.09	0.417	1.031	0.179	4494.9	2011-08-2
Link_113	Node_45	Node_64	149.390	1.05	9.982	0.315	0.067	139776.3	2011-08-2
Link_115	Node_62	Node_40	777.648	0.95	9.984	0.315	0.013	137759.9	2011-08-2
Link_116	Node_66	Node_39	483.665	0.95	0.806	0.989	0.002	20685.1	2011-08-2
Link_12	Node_75	Node_10	3.277	0.96	0.234	3.635	0.071	2960.6	2011-08-2
Link_120	H5_GC	H5_Inflow_Dummy	0.000	0.79	1.710	1.588		48217.4	2011-08-2
Link_121	H5_Outflow_Dummy	H5_OF	0.000	0.77	0.038	1.580		137.3	2011-08-2
Link_128	H7-PA-005	Node_74	2.723	0.98	0.234	2.677	0.086	2960.6	2011-08-2
Link_131	H7-15-012D	Node_76	12.682	1.05	2.020	1.476	0.159	27750.3	2011-08-2
Link_133	14VO-14-007	Node_78	0.417	1.43	0.309	1.223	0.742	5485.9	2011-08-2
Link_135	Node_80	5	0.000	0.96	2.898	1.013		35222.8	2011-08-2
Link_137	Outfall3Gate2	Outfall3	2.174	1.03	1.046	2.197	0.481	17197.6	2011-08-2
Link_138	OF-H1-V2	HWF-OB-001	0.603	0.95	0.000	2.105	0.000	0.0	2011-08-2
Link_139	H4-PA-004	H4-PA-005	1.720	1.62	-0.519	2.277	-0.302	-6715.0	2011-08-2
Link_140	H1-HA-130	PR_DH_MH1	0.559	1.25	-0.108	1.985	-0.194	-2918.3	2011-08-2
Link_143	RG-3	H2-WA-005A	1.342	5.01	0.000	0.221	0.000	14.0	2011-08-2
Link_166	HHA-OF	Node_92	10.895	2.77	0.519	0.362	0.048	9517.8	2011-08-2
Link_167	Node_92	Node_34	18.012	2.67	1.782	0.723	0.099	24956.5	2011-08-2
Link_168	H1-OB-122A	MH-T7-OBS	1.169	1.23	-0.449	3.120	-0.384	-8285.5	2011-08-2
Link_170	H1-OB-101	MH-T5-OBS	0.357	1.26	0.170	3.570	0.475	5779.6	2011-08-2
Link_171	T5-OBS_A	MH-T5-OBS	0.106	1.22	-0.122	8.733	-1.152	-169.1	2011-08-2
Link_173	H1-OB-080A	H1-OB-077	3.082	1.24	1.283	2.420	0.416	56651.5	2011-08-2
Link_175	MH-T6-NEW	H1-NE-029A	1.182	1.26	0.185	3.148	0.157	6515.8	2011-08-2
Link_177	H1-JA-034	MH-T2-2STB	1.267	1.26	0.362	5.025	0.286	5729.2	2011-08-2
Link_183	Node_118	T2-4ST	0.000	1.39	0.000	1.870		0.0	2011-08-2
Link_203	H4-JA-002	MH-T5-5STB	6.157	1.26	0.177	2.682	0.029	631.3	2011-08-2
Link_241	H5-MA-762	H5-MA-764	0.098	1.45	0.088	5.720	0.895	1113.3	2011-08-2
Link_246	H1-MA-048	H1-MA-044	0.530	1.33	0.279	3.417	0.526	3275.5	2011-08-2
Link_257	H1-JE-023	H1-01-080	0.121	1.30	0.353	1.884	2.922	14807.8	2011-08-2
Link_260	H5-AD-717	H5-AD-714	0.051	1.70	0.048	6.569	0.938	612.3	2011-08-2
Link_263	H4-AD-002	H4-AD-010	0.704	1.53	0.091	2.485	0.130	927.2	2011-08-2
Link_266	H1-AD-048	H1-AD-043	0.585	1.46	0.302	2.850	0.517	3147.6	2011-08-2
Link_272	H4-GR-009	H4-GR-008	1.125	1.51	0.090	1.842	0.080	990.4	2011-08-2
Link_277	H1-GR-046	H1-GR-038	0.504	1.47	0.201	2.874	0.399	2393.8	2011-08-2
Link_294	H3-05-090	H3-WI-015	0.881	1.54	0.332	3.903	0.377	6920.3	2011-08-2
Link_296	H7-WI-009	H7-WI-010	0.287	1.80	0.240	3.086	0.836	3754.4	2011-08-2
Link_300	H4-CL-018	H4-CL-020	0.091	1.65	0.100	4.393	1.096	1149.6	2011-08-2
Link_307	H1-GA-017	H1-GA-012	1.135	1.30	0.811	1.976	0.714	21396.4	2011-08-2
Link_312	Node_91	HHA-OF	10.895	2.77	-0.066	0.164	-0.006	-7.8	2011-08-2
Link_314	T7-OBS	T7OBS-Weir-Dummy	0.000	1.23	-0.087	1.511		-36.1	2011-08-2
Link_34	Node_30	Node_31	19.937	1.12	-0.016	0.194	-0.001	-102.0	2011-08-2
Link_35	Node_61	Node_33	2.333	1.08	0.413	0.636	0.177	4299.7	2011-08-2
Link_36	Node_67	Node_32	0.469	1.13	0.173	3.422	0.369	1957.3	2011-08-2
Link_38	Node_31	Node_35	0.253	1.23	-0.131	1.131	-0.518	-1594.5	2011-08-2
Link_382	NJT-OVERFLOW	Node_37	0.830	1.20	0.806	0.586	0.971	21478.5	2011-08-2

Link_39	Node_35	Node_36	0.820	2.03	-0.606	0.614	-0.740	-2750.8	2011-08-24
Link_4	H2-OF	Outfall3Gate1	1.429	1.37	1.046	2.443	0.732	17229.2	2011-08-24
Link_40	Node_36	NJT-OVERFLOW	0.843	1.66	0.944	0.800	1.120	22088.2	2011-08-24
Link_41	Node_37	Node_38	9.091	1.03	0.806	2.209	0.089	21078.5	2011-08-24
Link_43	Node_32	Node_31	5.051	1.10	-0.197	0.263	-0.039	-2179.7	2011-08-24
Link_44	Node_38	Node_65	850.000	1.01	0.806	0.876	0.001	20924.5	2011-08-24
Link_45	Node_34	Node_36	3.917	1.86	1.530	1.028	0.391	24921.8	2011-08-24
Link_48	Node_33	Node_43	39.108	1.08	0.453	0.422	0.012	4766.0	2011-08-24
Link_49	Node_43	Node_44	56.902	1.08	0.448	0.496	0.008	4577.6	2011-08-24
Link_50	Node_44	Node_45	107.686	1.08	-0.558	0.581	-0.005	4951.1	2011-08-24
Link_6	H3-RI-006	H3-INT-003A	15.996	1.21	1.101	2.135	0.069	18725.7	2011-08-24
Link_8	HSI-05-002	HSI-05-010	0.339	4.11	0.443	1.525	1.306	5630.0	2011-08-24
Link_9	H5-11-009	H5	1.145	0.98	0.814	3.233	0.710	20728.4	2011-08-24
New2	H2-IC	H2-INT-007	3.413	1.16	0.183	2.777	0.054	3964.7	2011-08-24
New3	HWF-INT-016	OF-H4-TG2	5.961	1.10	0.358	1.333	0.060	3962.5	2011-08-24
OF-H4-TG2.1	OF-H4-TG2	outfall5-tg	3.415	1.06	2.898	1.553	0.849	35261.7	2011-08-24
RG-1_H2-03-020	RG-1	H2-03-020	0.600	2.35	-0.198	1.667	-0.329	-283.3	2011-08-24
RG-10_H5-WA-440	RG-10	H5-WA-440	0.915	2.27	-0.213	2.885	-0.232	108.3	2011-08-24
RG-11_H5-WA-400	RG-11	H5-WA-400	0.944	2.38	-0.156	3.263	-0.165	182.4	2011-08-24
RG-12_H5-WA-400	RG-12	H5-WA-400	0.944	2.37	-0.161	3.238	-0.171	168.8	2011-08-24
RG-13_H5-WA-350	RG-13	H5-WA-350	0.949	2.19	-0.268	3.871	-0.283	191.7	2011-08-24
RG-14_H5-WA-356	RG-14	H5-WA-356	0.954	2.10	-0.372	3.548	-0.390	70.6	2011-08-24
RG-15_H6-WA-004	RG-15	H6-WA-004	0.900	2.28	-0.163	3.279	-0.181	200.6	2011-08-24
RG-2_H2-WA-005A	RG2	H2-WA-005A	1.342	5.01	0.002	0.221	0.002	89.6	2011-08-24
RG-4_H2-WA-007	RG-4	H2-WA-007	1.643	6.51	0.001	0.026	0.001	17.8	2011-08-24
RG-5_H2-WA-009	RG-5	H2-WA-009	1.375	6.52	0.003	0.598	0.002	123.1	2011-08-24
RG-6_H2-WA-011	RG-6	H2-WA-011	1.342	7.01	0.000	0.098	0.000	16.7	2011-08-24
RG-7_H5-WA-490	RG-7	H5-WA-490	0.915	3.19	0.026	0.634	0.028	302.1	2011-08-24
RG-8_H5-WA-480	RG-8	H5-WA-480	0.915	3.06	0.014	0.876	0.015	185.6	2011-08-24
RG-9_H5-WA-440	RG-9	H5-WA-440	0.977	2.40	-0.110	3.176	-0.112	175.9	2011-08-24
T10-MAD_A_H5-MA-764	T10-MAD_A	H5-MA-764	0.100	1.32	-0.095	8.943	-0.958	-316.1	2011-08-24
T10-MAD-DUMMY	T10-MAD-DUMMY	T10-MAD	0.000	1.32	0.000	4.043		-0.1	2011-08-24
T11-MAD_A_H5-MA-768	T11-MAD_A	H5-MA-768	0.079	1.38	-0.130	10.357	-1.651	-139.2	2011-08-24
T11-MAD-DUMMY	T11-MAD-DUMMY	T11-MAD	0.000	1.38	0.000	3.130		0.0	2011-08-24
T15-MAD_A_H1-MA-044	T15-MAD_A	H1-MA-044	0.086	1.33	0.032	8.268	0.375	76.0	2011-08-24
T15-MAD-DUMMY	T15-MAD-DUMMY	T15-MAD	0.000	1.70	0.000	0.005		0.0	2011-08-24
T16-MAD_A_H1-MA-041	T16-MAD_A	H1-MA-041	0.079	1.31	-0.069	8.128	-0.882	52.7	2011-08-24
T16-MAD-DUMMY	T16-MAD-DUMMY	T16-MAD	0.000	1.44	0.000	0.005		0.0	2011-08-24
T1-7ST_A_H4-07-190	T1-7ST_A	H4-07-190	0.079	1.37	-0.107	8.144	-1.362	5.8	2011-08-24
T1-7ST-DUMMY	T1-7ST-DUMMY	T1-7ST	0.000	1.40	0.000	0.005		0.0	2011-08-24
T1-7ST-WEIR-DUMMY	T1-7ST	T1-7ST-WEIR-DUMMY	0.000	1.37	-0.107	1.450		20.3	2011-08-24
T1-GAR_A_H4-04-008	T1-GAR_A	H4-04-008	0.093	1.35	0.013	6.318	0.141	98.3	2011-08-24
T1-GAR-DUMMY	T1-GAR-DUMMY	T1-GAR	0.000	2.40	0.000	0.005		0.0	2011-08-24
T1-HAR_A_H4-HA-003	T1-HAR_A	H4-HA-003	0.079	1.49	-0.096	6.721	-1.215	131.1	2011-08-24
T1-HAR-DUMMY	T1-HAR-DUMMY	T1-HAR	0.000	1.49	0.000	0.582		0.0	2011-08-24
T1-NEW_A_H1-NE-003	T1-NEW_A	H1-NE-003	0.035	1.15	-0.157	7.716	-4.448	-531.7	2011-08-24

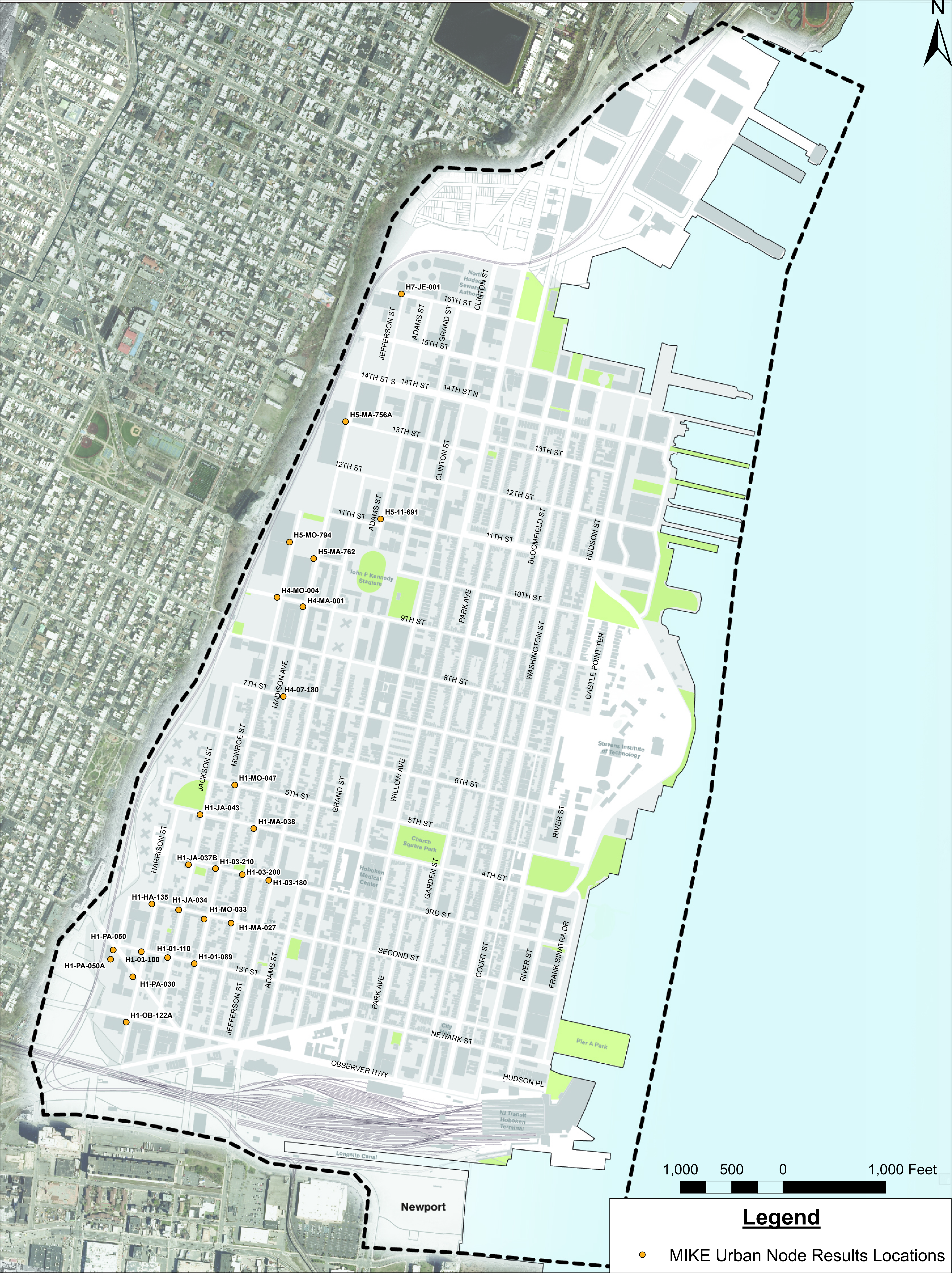
T1-NEW-DUMMY	T1-NEW-DUMMY	T1-NEW	0.000	1.15	0.000	2.313		0.0	2011-08-31
T1-NEW-WEIR-DUMMY	T1-NEW	T1-NEW-WEIR-DUMMY	0.000	1.15	-0.156	1.499		-514.5	2011-08-31
T2-2ST_A_MH-T2-2STB	T2-2ST_A	MH-T2-2STB	0.149	1.26	-0.113	11.481	-0.757	-223.6	2011-08-31
T2-2ST-DUMMY	T2-2ST-DUMMY	T2-2ST	0.000	1.26	0.000	1.048		0.0	2011-08-31
T2-2ST-WEIR-DUMMY	T2-2ST	T2-2ST-WEIR-DUMMY	0.000	1.26	-0.103	1.362		-194.8	2011-08-31
T2-4ST_A_H1-CL-036	T2-4ST_A	H1-CL-036	0.152	1.39	-0.101	7.345	-0.662	83.0	2011-08-31
T2-5ST_A_H1-AD-042	T2-5ST_A	H1-AD-042	0.153	1.38	-0.079	7.190	-0.514	75.1	2011-08-31
T2-5ST-DUMMY	T2-5ST-DUMMY	T2-5ST	0.000	1.50	0.000	0.005		0.0	2011-08-31
T2-6ST_A_H1-JE-050	T2-6ST_A	H1-JE-050	0.186	1.33	-0.105	7.615	-0.561	50.9	2011-08-31
T2-6ST-DUMMY	T2-6ST-DUMMY	T2-6ST	0.000	1.33	0.000	0.176		0.0	2011-08-31
T2-7ST_A_H4-07-200	T2-7ST_A	H4-07-200	0.086	1.48	-0.087	8.430	-1.004	29.0	2011-08-31
T2-7ST-DUMMY	T2-7ST-DUMMY	T2-7ST	0.000	1.80	0.000	0.005		0.0	2011-08-31
T2-BLM_A_H4-04-007	T2-BLM_A	H1-BL-037	0.079	3.40	0.249	8.437	3.168	127.6	2011-08-31
T2-BLM-DUMMY	T2-BLM-DUMMY	T2-BLM	0.000	3.50	0.000	0.005		0.0	2011-08-31
T2-JAC_A_H4-JA-006	T2-JAC_A	H4-JA-006	0.079	1.48	-0.086	6.780	-1.094	70.1	2011-08-31
T2-JAC-DUMMY	T2-JAC-DUMMY	T2-JAC	0.000	1.46	0.000	0.366		0.0	2011-08-31
T2-MON_A_H5-MO-794	T2-MON_A	H5-MO-794	0.086	1.51	-0.120	8.038	-1.391	32.2	2011-08-31
T2-MON-DUMMY	T2-MON-DUMMY	T2-MON	0.000	1.51	0.000	2.602		0.0	2011-08-31
T3-3ST_A_H1-03-170	T3-3ST_A	H1-03-170	0.079	1.26	-0.130	9.939	-1.651	-224.6	2011-08-31
T3-3ST-DUMMY	T3-3ST-DUMMY	T3-3ST	0.000	1.26	0.000	1.708		0.0	2011-08-31
T3-3ST-WEIR-DUMMY	T3-3ST	T3-3ST-WEIR-DUMMY	0.000	1.26	-0.130	1.504		-204.5	2011-08-31
T3-4ST_A_H1-AD-039	T3-4ST_A	H1-AD-039	0.122	1.35	-0.086	7.240	-0.706	58.3	2011-08-31
T3-4ST-DUMMY	T3-4ST-DUMMY	T3-4ST	0.000	1.35	0.000	0.179		0.0	2011-08-31
T3-6ST_A_H1-MA-048	T3-6ST_A	H1-MA-048	0.172	1.34	-0.085	8.456	-0.495	2.1	2011-08-31
T3-6ST-DUMMY	T3-6ST-DUMMY	T3-6ST	0.000	1.40	0.000	0.005		0.0	2011-08-31
T3-ADM_A_H5-AD-714	T3-ADM_A	H5-AD-714	0.086	1.51	-0.073	7.252	-0.843	64.6	2011-08-31
T3-ADM-DUMMY	T3-ADM-DUMMY	T3-ADM	0.000	1.55	0.000	0.005		0.0	2011-08-31
T3-GND-DUMMY	T3-GND-DUMMY	T3-GND	0.000	1.83	0.000	0.005		0.0	2011-08-31
T3-JAC_A_H4-JA-004	T3-JAC_A	H4-JA-004	0.093	1.34	-0.148	9.076	-1.588	-80.1	2011-08-31
T3-JAC-DUMMY	T3-JAC-DUMMY	T3-JAC	0.000	1.34	0.000	1.361		0.0	2011-08-31
T3-OBS_A_H1-OB-080A	T3-OBS_A	H1-OB-080A	0.109	1.21	-0.090	7.325	-0.830	267.1	2011-08-31
T3-OBS-DUMMY	T3-OBS-DUMMY	T3-OBS	0.000	1.21	0.000	0.008		0.0	2011-08-31
T3-OBS-WEIR-DUMMY	T3-OBS	T3-BS-WEIR-DUMMY	0.000	1.21	-0.090	1.546		277.6	2011-08-31
T4-4ST_A_H1-MA-038	T4-4ST_A	H1-MA-038	0.130	1.25	-0.120	12.463	-0.925	-348.4	2011-08-31
T4-4ST-DUMMY	T4-4ST-DUMMY	T4-4ST	0.000	1.25	0.000	2.094		0.0	2011-08-31
T4-5ST_A_H1-MA-041	T4-5ST_A	H1-MA-041	0.145	1.27	-0.098	8.356	-0.675	-9.3	2011-08-31
T4-5ST-DUMMY	T4-5ST-DUMMY	T4-5ST	0.000	1.30	0.000	0.005		0.0	2011-08-31
T4-6ST_A_H1-MO-057	T4-6ST_A	H1-MO-057	0.141	1.26	-0.126	12.346	-0.891	-193.4	2011-08-31
T4-6ST-DUMMY	T4-6ST-DUMMY	T4-6ST	0.000	1.26	0.000	0.874		0.0	2011-08-31
T4-GND_A_H4-GR-008	T4-GND_A	H4-GR-008	0.086	1.51	0.069	5.673	0.797	80.8	2011-08-31
T4-GND-DUMMY	T4-GND-DUMMY	T4-GND	0.000	1.72	0.000	0.005		0.0	2011-08-31
T5-5ST_A_H1-JA-046	T5-5ST_A	MH-T5-5STB	0.141	1.26	-0.083	10.795	-0.587	-217.0	2011-08-31
T5-5ST-DUMMY	T5-5ST-DUMMY	T5-5ST	0.000	1.26	0.000	1.383		0.0	2011-08-31
T5-9ST_A_H4-GR-012	T5-9ST_A	H4-GR-012	0.149	1.54	-0.080	7.962	-0.534	48.0	2011-08-31
T5-9ST-DUMMY	T5-9ST-DUMMY	T5-9ST	0.000	1.83	0.000	0.005		0.0	2011-08-31

T5-GND_A_H1-GR-054	T5-GND_A	H1-GR-054	0.079	1.45	-0.095	8.907	-1.209	76.9	2011-08-24
T5-GND-DUMMY	T5-GND-DUMMY	T5-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T5-JAC_A_H1-JA-043	T5-JAC_A	H1-JA-043	0.100	1.24	-0.128	11.664	-1.283	-1019.3	2011-08-24
T5-JAC-DUMMY	T5-JAC-DUMMY	T5-JAC	0.000	1.24	0.000	3.187		-0.1	2011-08-24
T5-JEF_A_H5-11-730	T5-JEF_A	H5-11-730	0.078	1.57	0.073	8.323	0.931	63.7	2011-08-24
T5-JEF-DUMMY	T5-JEF-DUMMY	T5-JEF	0.000	1.70	0.000	0.005		0.0	2011-08-24
T5-OBS-DUMMY	T5-OBS-DUMMY	T5-OBS	0.006	1.22	0.000	1.459	-0.007	0.0	2011-08-24
T5-OBS-WEIR-DUMMY	T5-OBS	T5-OBS-WEIR-DUMMY	0.000	1.22	-0.121	1.535		-154.1	2011-08-24
T6-4ST_A_H1-HA-141	T6-4ST_A	H1-HA-141	0.035	1.26	-0.079	5.775	-2.249	-233.7	2011-08-24
T6-4ST_DUMMY	T6-4ST-DUMMY	T6-4ST	0.000	1.26	0.000	1.053		0.0	2011-08-24
T6-5ST_A_H1-MO-047	T6-5ST_A	H1-MO-047	0.153	1.26	-0.107	12.547	-0.695	-101.6	2011-08-24
T6-5ST-DUMMY	T6-5ST-DUMMY	T6-5ST	0.000	1.26	0.000	0.818		0.0	2011-08-24
T6-ADM_A_H4-AD-010	T6-ADM_A	H4-AD-010	0.085	1.53	0.060	5.954	0.711	195.1	2011-08-24
T6-ADM-DUMMY	T6-ADM-DUMMY	T6-ADM	0.000	1.63	0.000	0.005		0.0	2011-08-24
T6-GND_A_H1-GR-045	T6-GND_A	H1-GR-046	0.101	1.47	0.069	7.307	0.679	92.7	2011-08-24
T6-GND-DUMMY	T6-GND-DUMMY	T6-GND	0.000	1.51	0.000	0.005		0.0	2011-08-24
T6-JEF_A_H5-JE-742	T6-JEF_A	H5-JE-742	0.070	1.58	-0.100	7.928	-1.422	162.8	2011-08-24
T6-JEF-DUMMY	T6-JEF-DUMMY	T6-JEF	0.000	1.60	0.000	0.005		0.0	2011-08-24
T6-MON_A_H4-MO-001	T6-MON_A	H4-MO-001	0.093	1.43	-0.110	9.176	-1.186	114.3	2011-08-24
T6-MON-DUMMY	T6-MON-DUMMY	T6-MON	0.000	1.42	0.000	0.158		0.0	2011-08-24
T6-NEW_A_MH-T6-NEW	T6-NEW_A	MH-T6-NEW	0.090	1.25	-0.056	6.360	-0.621	146.0	2011-08-24
T6-NEW-DUMMY	T6-NEW-DUMMY	T6-NEW	0.000	1.40	0.000	0.005		0.0	2011-08-24
T6-NEW-WEIR-DUMMY	T6-NEW	T6-NEW-WEIR-DUMMY	0.000	1.26	-0.056	1.367		156.1	2011-08-24
T7-5ST_A_MH-T5-TSTB	T7-5ST_A	MH-T5-5STB	0.145	1.26	-0.122	10.797	-0.844	-280.9	2011-08-24
T7-5ST-DUMMY	T7-5ST-DUMMY	T7-5ST	0.000	1.26	0.000	1.385		0.0	2011-08-24
T7-JEF_A_H1-JE-031	T7-JEF_A	H1-JE-031	0.070	1.25	-0.129	9.102	-1.830	-147.4	2011-08-24
T7-JEF-DUMMY	T7-JEF-DUMMY	T7-JEF	0.000	1.25	0.000	1.343		0.0	2011-08-24
T7-JEF-WEIR-DUMMY	T7-JEF	T7-JEF-WEIR-DUMMY	0.000	1.25	-0.129	1.495		-130.0	2011-08-24
T7-MON_A_H1-MO-062	T7-MON_A	H1-MO-062	0.086	1.27	-0.112	9.734	-1.293	-48.4	2011-08-24
T7-MON-DUMMY	T7-MON-DUMMY	T7-MON	0.000	1.27	0.000	0.311		0.0	2011-08-24
T7-OBS_MH-T7-OBS	T7-OBS_A	MH-T7-OBS	0.110	1.23	-0.087	7.124	-0.796	-46.6	2011-08-24
T7-OBS-DUMMY	T7-OBS-DUMMY	T7-OBS	0.000	1.23	0.000	0.202		0.0	2011-08-24
T8=ADM=DUMMY	T8-ADM-DUMMY	T8-ADM	0.000	1.50	0.000	0.005		0.0	2011-08-24
T8-ADM_A_H1-AD-043	T8-ADM_A	H1-AD-043	0.091	1.40	-0.074	7.321	-0.815	223.1	2011-08-24
T8-JEF_A_H1-JE-023	T8-JEF_A	H1-JE-023	0.086	1.25	-0.103	7.152	-1.194	21.6	2011-08-24
T8-JEF-DUMMY	T8-JEF-DUMMY	T8-JEF	0.000	1.25	0.000	0.334		0.0	2011-08-24
T8-JEF-WEIR-DUMMY	T8-JEF	T8-JEF-WEIR-DUMMY	0.000	1.25	-0.103	1.546		32.1	2011-08-24
T8-MAD_A_H5-11-750	T8-MAD_A	H5-11-750	0.100	1.49	-0.093	7.912	-0.935	5.0	2011-08-24
T8-MAD-DUMMY	T8-MAD-DUMMY	T8-MAD	0.000	1.49	0.000	1.269		0.0	2011-08-24
T9-ADM_A_H1-AD-035	T9-ADM_A	H1-03-140	0.070	1.27	-0.116	10.090	-1.645	-13.6	2011-08-24
T9-ADM-DUMMY	T9-ADM-DUMMY	T9-ADM	0.000	1.27	0.000	1.418		0.0	2011-08-24
T9-MAD_A_H5-11-750	T9-MAD_A	H5-11-750	0.088	1.47	-0.098	7.833	-1.112	39.3	2011-08-24
T9-MAD-DUMMY	T9-MAD-DUMMY	T9-MAD	0.000	1.46	0.000	1.039		0.0	2011-08-24
TD12-13ST_A_H5-CL-648	TD12-13ST_A	H5-CL-648	0.149	1.57	-0.067	8.395	-0.449	26.0	2011-08-24
TD12-13ST-DUMMY	TD12-13ST-DUMMY	TD12-13ST	0.000	2.03	0.000	0.005		0.0	2011-08-24
TD14-CLA_A_H1-CL-036	TD14-CLA_A	H1-CL-036	0.035	1.37	-0.096	7.268	-2.724	53.8	2011-08-24

TD14-CLA-DUMMY	TD14-CLA-DUMMY	TD14-CLA	0.000	1.36	0.000	0.174		0.0	2011-08-31
TD1-4ST_A_H1-CL-036	TD1-4ST_A	H1-CL-036	0.145	1.39	-0.104	7.354	-0.716	-5.1	2011-08-31
TD1-4ST-DUMMY	TD1-4ST-DUMMY	TD1-4ST	0.000	1.39	0.000	1.046		0.0	2011-08-31
TD1-WIL_A_H3-WI-022	TD1-WIL_A	H3-WI-022	0.079	1.47	-0.089	6.909	-1.131	66.3	2011-08-31
TD1-WIL-DUMMY	TD1-WIL-DUMMY	TD1-WIL	0.000	1.54	0.000	0.005		0.0	2011-08-31
TD23-CLA_A_H3-CL-007	TD23-CLA_A	H3-CL-007	0.050	1.53	-0.091	6.717	-1.831	85.1	2011-08-31
TD23-CLA-DUMMY	TD23-CLA-DUMMY	TD23-CLA	0.000	1.60	0.000	0.005		0.0	2011-08-31
TD25-WIL_A_H7-WI-009	TD6-WIL_A	H3-WI-015	0.079	1.48	-0.080	6.729	-1.022	65.2	2011-08-31
TD25-WIL_A_H7-WI-010	TD25-WIL_A	H7-WI-010	0.086	1.60	0.082	6.411	0.946	150.1	2011-08-31
TD25-WIL-DUMMY	TD25-WIL-DUMMY	TD25-WIL	0.000	1.60	0.000	0.032		0.0	2011-08-31
TD30-CLA_A_H4-CL-020	TD30-CLA_A	H4-CL-020	0.103	1.62	0.069	5.647	0.669	74.1	2011-08-31
TD30-CLA-DUMMY	TD30-CLA-DUMMY	TD30-CLA	0.000	1.85	0.000	0.005		0.0	2011-08-31
TD31-CLA_A_H5-CL-662	TD31-CLA_A	H5-CL-662	0.086	1.78	0.009	4.374	0.107	75.5	2011-08-31
TD31-CLA-DUMMY	TD31-CLA-DUMMY	TD31-CLA	0.000	2.89	0.000	0.005		0.0	2011-08-31
TD4-OBS_A_H1-OB-071	TD4-OBS_A	H1-OB-071	0.110	1.15	-0.077	9.596	-0.698	-4.4	2011-08-31
TD4-OBS-DUMMY	TD4-OBS-DUMMY	TD4-OBS	0.000	1.21	0.000	0.005		0.0	2011-08-31
TD4-OBS-WEIR-DUMMY	TD4-OBS	TD4-OBS-WEIR-DUMMY	0.000	1.15	-0.076	1.296		18.0	2011-08-31
TD6-WIL-DUMMY	TD6-WIL-DUMMY	TD6-WIL	0.000	1.53	0.000	0.005		0.0	2011-08-31
TD8-GAR_A_H1-GA-012	TD8-GAR_A	H1-GA-012	0.086	1.20	-0.070	7.840	-0.809	70.8	2011-08-31
TD8-GAR-DUMMY	TD8-GAR-DUMMY	TD8-GAR	0.000	1.20	0.000	0.007		0.0	2011-08-31
TD8-GAR-WEIR-DUMMY	TD8-GAR	TD8-GAR-WEIR-DUMMY	0.000	1.20	-0.069	1.526		83.3	2011-08-31

MIKE URBAN Hydraulic Results

Node Water Surface Elevation Results for NAA and DSD Storms



1,000 500 0 1,000 Feet

Legend

● MIKE Urban Node Results Locations

MIKE Urban Node Results

		Low Tide - Max Water Surface Elevation (ft. NAVD)										High Tide - Max Water Surface Elevation (ft. NAVD)									
		5-Year		10-Year		25-Year		50-Year		100-Year		5-Year		10-Year		25-Year		50-Year		100-Year	
Node ID	Location	NAA	DSD	NAA	DSD	NAA	DSD	NAA	DSD	NAA	DSD	NAA	DSD	NAA	DSD	NAA	DSD	NAA	DSD	NAA	DSD
H1-01-089	1st & Monroe	3.73	2.84	3.78	3.35	4.08	3.80	4.23	3.92	4.45	4.08	3.90	3.36	3.98	3.65	4.17	3.87	4.32	4.01	4.46	4.15
H1-01-100	1st & Jackson	3.71	2.84	3.83	3.33	4.06	3.74	4.24	3.84	4.47	4.02	3.89	3.32	3.96	3.65	4.19	3.81	4.34	3.95	4.47	4.12
H1-01-110	1st & Harrison	3.73	2.90	3.83	3.34	4.10	3.72	4.26	3.88	4.49	4.05	3.92	3.32	3.99	3.62	4.21	3.85	4.36	3.98	4.48	4.15
H1-03-180	3rd & Jefferson	3.85	2.90	3.93	3.49	4.23	3.85	4.34	4.14	4.50	4.30	4.03	3.49	4.06	3.76	4.24	4.00	4.43	4.19	4.50	4.37
H1-03-200	3rd & Madison	3.81	2.90	3.89	3.47	4.17	3.86	4.31	4.03	4.49	4.20	3.97	3.46	4.05	3.77	4.25	3.97	4.37	4.13	4.50	4.27
H1-03-210	3rd & Monroe	3.81	2.90	3.89	3.49	4.17	3.86	4.31	4.03	4.47	4.20	3.96	3.48	4.04	3.77	4.25	3.96	4.41	4.12	4.52	4.27
H1-HA-135	2nd & Harrison	3.75	2.94	3.85	3.46	4.12	3.76	4.29	3.92	4.50	4.05	3.92	3.50	4.00	3.65	4.24	3.86	4.38	3.99	4.50	4.18
H1-JA-034	2nd & Jackson	3.68	2.83	3.79	3.26	4.06	3.59	4.25	3.74	4.47	3.97	3.85	3.25	3.94	3.48	4.19	3.70	4.35	3.90	4.49	4.14
H1-JA-037B	3rd & Jackson	3.61	2.81	3.73	3.17	4.05	3.45	4.26	3.65	4.48	3.98	3.79	3.17	3.92	3.38	4.19	3.66	4.35	3.91	4.48	4.14
H1-JA-043	4th & Jackson	3.61	2.77	3.73	3.10	4.05	3.40	4.26	3.64	4.49	3.96	3.79	3.12	3.92	3.37	4.19	3.66	4.36	3.91	4.49	4.14
H1-MA-027	2nd & Madison	3.79	2.88	3.87	3.45	4.24	3.85	4.27	4.03	4.45	4.25	3.96	3.44	4.04	3.74	4.22	3.97	4.33	4.13	4.46	4.29
H1-MA-038	4th & Madison	3.83	2.92	3.91	3.47	4.18	3.86	4.31	4.03	4.50	4.20	3.97	3.50	4.05	3.77	4.26	3.97	4.37	4.13	4.51	4.26
H1-MO-033	2nd & Monroe	3.78	2.88	3.86	3.43	4.14	3.83	4.29	3.99	4.47	4.17	3.94	3.43	4.02	3.72	4.23	3.93	4.35	4.09	4.48	4.24
H1-MO-047	5th & Monroe	3.82	2.93	3.89	3.54	4.14	3.85	4.32	3.96	4.53	4.14	3.93	3.50	4.01	3.75	4.27	3.91	4.39	4.06	4.53	4.23
H1-OB-122A	Observer & Harrison	3.70	2.71	3.79	3.19	4.09	3.55	4.24	3.69	4.47	3.91	3.90	3.18	3.98	3.45	4.19	3.66	4.34	3.83	4.48	4.01
H1-PA-030	Paterson & Harrison	3.76	3.09	3.86	3.37	4.11	3.75	4.27	3.89	4.48	4.06	3.93	3.31	4.01	3.65	4.22	3.87	4.36	3.98	4.49	4.17
H1-PA-050	Paterson & Marshall	3.77	3.04	3.87	3.39	4.12	3.77	4.28	3.91	4.49	4.07	3.94	3.34	4.02	3.66	4.23	3.89	4.36	3.99	4.49	4.17
H1-PA-050A	Paterson & Marshall	3.77	3.03	3.87	3.39	4.12	3.77	4.28	3.90	4.49	4.07	3.94	3.33	4.01	3.66	4.23	3.88	4.36	3.99	4.49	4.17
H4-MA-001	9th & Madison	3.53	2.30	4.00	2.99	4.39	3.71	4.62	4.17	4.85	4.41	4.23	3.69	4.41	4.06	4.63	4.29	4.75	4.48	4.85	4.61
H4-MO-004	9th & Monroe	3.83	2.37	4.25	3.15	4.54	4.06	4.70	4.41	4.86	4.59	4.38	3.95	4.55	4.30	4.71	4.50	4.79	4.61	4.86	4.70
H5-11-691	11th & Adams	3.97	2.36	4.44	3.18	5.03	4.04	5.39	4.51	5.78	4.99	4.52	3.96	4.87	4.33	5.30	4.66	5.55	5.00	5.78	5.30
H4-07-180	7th & Madison	3.51	2.28	4.01	2.97	4.53	3.87	4.77	4.42	5.00	4.71	4.37	3.90	4.60	4.28	4.80	4.61	4.91	4.76	5.01	4.89
H5-MA-762	10th & Madison	3.91	2.37	4.32	3.18	4.79	3.95	5.05	4.36	5.26	4.68	4.42	3.88	4.69	4.21	5.00	4.46	5.13	4.71	5.26	4.91
H5-MO-794	10th & Monroe	3.98	2.38	4.43	3.18	4.95	4.06	5.21	4.47	5.41	4.84	4.50	3.95	4.81	4.30	5.15	4.58	5.28	4.85	5.42	5.06
H7-JE-001	16th & Jefferson	3.68	1.92	4.22	2.47	4.52	3.05	4.81	3.49	5.34	4.00	4.36	3.81	4.53	4.08	4.87	4.24	5.12	4.39	5.34	4.52