CHECKLIST FOR DE MINIMIS
REQUEST FOR AUTHORIZATION (RFA)

NJPDES – Discharge to Surface Water
Category B7 – Short-term De Minimis Discharge General Permit (NJ0134511)
New Jersey Department of Environmental Protection
Division of Water Quality

This checklist is provided to you as guidance for completing the RFA for the Short-term De Minimis Discharge General Permit. Should you have any questions, please contact Katherine Rossi of the Bureau of Surface Water & Pretreatment Permitting at (609) 292-4860 or via email at deminimisgp@dep.nj.gov.

This general permit authorizes short-term de minimis discharges, for the purpose of lowering the groundwater table for construction related dewatering as well as for several other common discharge activities. This permit authorization is conditional on compliance with all of the conditions specified in the master permit, including the applicable limitations in Attachment 1. Please refer to Part I – Section A.2 of the Master General Permit for discharge eligibility criteria.

Please note the following conditions that pertain to this permit:

- All requirements including the B7 Application Form and all the required data in Attachment 1 must be submitted together, or request will be denied.

- This general permit does not cover discharges from sites known or suspected to contain contaminated groundwater, such as remediation or petroleum products clean-up sites, stormwater discharges, and discharges associated with sediment laden waters (authorized under the Standards for Soil Erosion and Sediment Control in New Jersey and the Soil Erosion and Sediment Control Act N.J.S.A. 4-24-39 et seq). If the associated groundwater **is** contaminated, please review the General Remediation Clean-up (BGR) Permit or the General Petroleum Product Clean-up (B4B) Permit at https://dep.nj.gov/dwq/permitting_information/permits_application_forms_and_checklists/ to determine if those are applicable to your discharge.

- Other exclusions include, but are not limited to, discharges associated with treated or untreated domestic wastewater, combined or sanitary sewer overflows, filter backwash operations, hydrostatic test water discharges, contaminated groundwater discharges from aquifer or contaminated discharges from well pump tests, swimming pool discharges, tank and vessel bottom waters, and discharges incidental to the normal operation of vessels. For further information regarding exclusions, see Part I – Section A.2 of the Master General Permit available at https://www.nj.gov/dep/dwq/gp-b7.htm.

- Discharges exceeding 100,000 gallons per day also require a water diversion permit from the Department's Division of Water Supply and Geoscience. Please contact the Division of Water Supply and Geoscience at (609) 984-6831 or waterallocation@dep.nj.gov.

- Discharges to Category 1 waters are authorized for under this general permit for 30 consecutive calendar days from the initiation of discharge. Should a discharge to Category 1 waters need to be extended past this deadline a complete request for re-authorization must submitted at a minimum 5 Business days prior to their 30 calendar day expiration date. The request must include a new *Certification Form*, a new raw sample analysis, and a new Acute WET test.

- Discharges to waters classified as Pinelands (PL) will require prior approval by the Pinelands Commission. The Pinelands Commission can be reached at (609) 894-7300. Once approval is obtained please include proof of approval with your RFA.

- Discharges to Shellfish waters will require prior approval by the Bureau of Marine Water Monitoring. The Bureau of Marine Water Monitoring can be reached at (609) 748-2000. Once approval is obtained please include proof of approval with your RFA.

Reset

To Help Us Process Your RFA More Efficiently, Please Provide All Items Listed Below:

For All Certification Requests:

☐ **B7 RFA Application Form** – The applicant must complete the entire RFA Certification form and sign in the designated area. A copy of the certification form shall be kept on the site where the discharge activity will take place during the discharge event. If a copy of the certification form cannot be kept on-site, copies shall be filed with the Clerk of the municipality in which this activity will take place, and in the business office of the authorized entity.

☐ **Raw Sample Lab Analysis Data** – The applicant must submit the analytical lab results of at least one representative sample of the unfiltered and untreated effluent from the proposed site. The analysis shall address all of the parameters in Attachment 1 and must be performed by a NJ certified laboratory.

☐ **Map** – Please include a map indicating the location of the site and the location of the discharge to the receiving waterbody(ies).

Dischargers to Category 1 Waters Need to Provide the Following Additional Information:

☐ **Acute Whole Effluent Toxicity (WET) Test** – If the RFA to discharge is to a Category 1 waterbody, the applicant must submit the analytical WET test results from the proposed site. The WET analysis must be performed by a NJ certified laboratory.

☐ **Low Flow Analysis (7Q10)** – If the RFA to discharge is to a Category 1 waterbody, the applicant must obtain and submit the 7Q10 low flow of the receiving stream. The 7Q10 flow value data can be obtained by calling the United States Geological Survey at 1-888-ASK-USGS (1-888-275-8747).

All Applicable Forms and Data Must Be Submitted to the Following Entities Listed Below:

The applicant must complete and simultaneously email the B7 RFA Application form, the raw discharge data, and any other required information at least **14 days prior to the anticipated discharge date** to the following e-mail addresses**:**

☐ **1. Bureau of Surface Water & Pretreatment Permitting:** deminimisgp@dep.nj.gov; and

2. The applicable Enforcement Region based on the site's county location:

☐ **Northern Enforcement Region**

Counties Covered: Bergen, Essex, Hudson, Hunterdon, Morris, Passaic, Somerset, Sussex, Union, and Warren

Phone: 973-656-4099

E-mail Address: Don.Hirsch@dep.nj.gov; **OR**

☐ **Southern Enforcement Region**

Counties Covered: Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, Mercer, Middlesex, Monmouth, Ocean, and Salem

Phone: 856-614-3655

E-mail Address: Bryan.Barrett@dep.nj.gov

Note: The Department must be notified within 24-hours via e-mail (deminimisgp@dep.nj.gov) and the DEP HOTLINE (1-877-WARNDEP) regarding **(1)** the date when the discharge physically begins and **(2)** the date when the discharge has ceased.

Attachment 1

The parameters listed below are in accordance with the effluent standards for new sources, new discharges or expanded discharges at N.J.A.C. 7:14A-12, Appendix C[1], please compare your single sample results with the daily maximum noted below. The applicant shall ensure that the discharge shall be sampled and analyzed using sufficiently sensitive detection levels and methods as defined at 40 CFR 136, 122.21(e)(3), and 122.44(i)(1)(iv), for all of the following parameters. All units are in micrograms per liter (µg/L). **Please note flow restrictions applicable to all discharges as listed below this chart.**

B7 Effluent Standards					
Acid Compounds					
	Category 2 Waters				**Category 1 Waters[2]**
Parameter	**FW2 Waters**		**SE & SC Waters**		**Discharge Thresholds**
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum	
2-Chlorophenol	31	98	31	98	20
2,4 Dichlorophenol	39	112	39	112	10
2,4 Dimethylphenol	18	36	18	36	13.5
4,6 Dinitro-O-Cresol	--	60	78	277	60
2,4 Dinitrophenol	71	123	71	123	10
2-Nitrophenol	41	69	41	69	18
4-Nitrophenol	72	124	72	124	12
Pentachlorophenol	--	30	--	30	30
Phenol, Single Compound	15	26	15	26	10
2,4,6 Trichlorophenol	--	20	--	20	20
Pesticides					
	Category 2 Waters				**Category 1 Waters[2]**
Parameter	**FW2 Waters**		**SE & SC Waters**		**Discharge Thresholds**
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum	
Aldrin	--	0.04	--	0.04	0.04
Alpha-BHC	--	0.02	--	0.02	0.02
Beta-BHC	--	0.28	0.46	0.92	0.04
Gamma-BHC (Lindane)	--	0.037	--	0.125	0.03
Chlordane	--	0.2	--	0.2	0.2
4,4'-DDT	--	0.06	--	0.06	0.06
4,4'-DDE	--	0.04	--	0.04	0.04
4,4'-DDD	--	0.04	--	0.04	0.04
Dieldrin	--	0.03	--	0.03	0.03
Alpha-Endosulfan	--	0.02	--	0.02	0.02
Beta-Endosulfan	--	0.092	--	0.02	0.04
Endosulfan Sulfate	0.93	1.86	2	4	0.08
Endrin	--	0.04	--	0.04	0.04
Endrin Aldehyde	0.76	1.52	0.81	1.62	0.1
Heptachlor	--	0.02	--	0.02	0.02

Heptachlor Epoxide	--	0.4	--	0.4	0.4
Toxaphene	--	1	--	1	1

Volatile Compounds

Parameter	Category 2 Waters				Category 1 Waters[2]
	FW2 Waters		SE & SC Waters		
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum	Discharge Thresholds
Acrolein	--	100	--	100	50
Acrylonitrile	--	50	--	50	50
Benzene	--	7	37	136	7
Bromoform	--	8.6	29	58	8
Carbon Tetrachloride	--	6	--	8.8	6
Chlorobenzene	15	28	15	28	6
Chlorodibromomethane	--	8.2	--	14	6
Chloroethane	104	268	104	268	1
Chloroform	--	11.4	21	46	5
Dichlorobromomethane	--	5	--	12	5
1,1-Dichloroethane	22	59	22	59	23.5
1,2-Dichloroethane	--	3	68	211	3
1, 1-Dichloroethylene	--	6	16	25	6
1,2-Dichloropropane	153	230	153	230	5
1,3-Dichloropropylene	--	20	29	44	7
Ethylbenzene	32	108	32	108	6
Methyl Bromide	20	40	20	40	9
Methyl Chloride	86	190	86	190	10
Methylene Chloride	--	9.4	40	89	6
1,1,2,2 Tetrachloroethane	--	10	--	10	10
Tetrachloroethylene	--	16	22	56	9
Toluene	26	80	26	80	6
1,2-Trans-Dichloroethylene	21	54	21	54	4
1,1,1-Trichloroethane	21	54	21	54	6
1,1,2-Trichloroethane	--	12	21	54	6
Trichloroethylene	--	5.4	21	54	5
Vinyl Chloride	--	10	104	268	10

Metals, Cyanide and Dioxin

Parameter	Category 2 Waters				Category 1 Waters[2]
	FW2 Waters		SE & SC Waters		
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum	Discharge Thresholds
Antimony	--	28	--	--	20
Arsenic	--	8	--	8	8
Cadmium	--	4	--	15.2	4
Chromium	--	16	41	82	10
Copper	--	10	--	10	10
Iron	1500	3000	1500	3000	100

Lead	--	10	--	13.9	10
Mercury	--	1	--	1	1
Nickel	72	144	--	13.6	10
Selenium	--	10	--	--	10
Silver	--	2	--	2	2
Thallium	--	10	--	12.4	10
Zinc	--	65	47.5	95	30
Cyanide	--	40	--	40	40
2,3,7,8 Tetrachlorodibenzo-p-Dioxin	--	0.01	--	0.01	ND

Base/Neutral Compounds

	Category 2 Waters				**Category 1 Waters[2]**
Parameter	**FW2 Waters**		**SE & SC Waters**		**Discharge Thresholds**
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum	
Anthracene	22	59	22	59	10
Benzidine	--	50	--	50	50
Benzo (a) Anthracene	--	10	--	10	10
Benzo (a) Pyrene	--	20	--	20	20
Benzo (b) fluoranthene	--	10	--	10	10
Benzo (k) fluoranthene	--	20	--	20	20
Bis (2-Chloroethyl) Ether	--	10	--	10	10
Bis (2-Chloroisopropyl) Ether	301	757	301	757	10
Bis (2-Ethylhexyl) Phthalate	--	36	59	118	30
Butyl Benzyl Phthalate	--	24	--	24	20
Chrysene	--	20	--	20	20
Dibenzo (a,h) Anthracene	--	20	--	20	20
1,2 Dichlorobenzene	77	163	77	163	9
1,3 Dichlorobenzene	31	44	31	44	9
1,4 Dichlorobenzene	--	28	--	28	20
3,3 Dichlorobenzidine	--	60	--	60	60
Diethyl Phthalate	81	203	81	203	10
Dimethyl Phthalate	19	47	19	47	10
Di-N-Butyl Phthalate	27	57	27	57	20
2,4 Dinitrotoluene	--	10	--	18.2	10
2,6 Dinitrotoluene	255	641	255	641	9.5
1,2-Diphenylhydrazine (as Azobenzene)	0.04	0.08	0.54	1.08	ND
Fluoranthene	25	68	25	68	10
Fluorene	22	59	22	59	10
Hexachlorobenzene	--	10	--	10	10
Hexachlorobutadiene	--	10	20	49	10
Hexchlorocyclopentadiene	240	480	--	1800	10
Hexachloroethane	19	38	21	54	10
Indeno (1,2,3-cd) Pyrene	--	20	--	20	20
Isophorone	--	20	--	20	10

Naphthalene	22	59	22	59	8
Nitrobenzene	17	34	27	68	10
N-Nitrosodimethylamine	--	20	--	20	20
N-Nitrosodiphenylamine	--	20	--	20	20
Phenanthrene	22	59	22	59	10
Pyrene	25	67	25	67	20
1,2,4 Trichlorobenzene	68	140	68	140	10
Acute Whole Effluent Toxicity	--	--	--	--	NOAEC[3]

Footnotes and Abbreviations:

NOAEC – No Observed Adverse Effect Concentration

ND – Non–Detectable Levels

-- – No Effluent Standards at Appendix C

(1) Footnotes 1-3 at N.J.A.C. 7:14A-12 Appendix C do not apply to these discharges because no manufacturers will be approved to discharge under this permit.

Please note, although Appendix C contains a limitation for Chronic WET of IC25≥100%, this limitation is not being incorporated into this permit. Due to the short-term nature of the discharges and the lack of detectable pollutants in order to qualify for the permit, the Department has determined that a chronic WET limitation is not necessary for these types of discharges.

(2) For any discharge into Category One waters, no parameter in the effluent shall exceed the standard for Category One waters (the listed Discharge Thresholds), at any time.

(3) Whole effluent toxicity is expressed as a minimum as percent effluent.

Flow Restrictions:

For discharges to Category One waters the applicant must provide the 7Q10 value for the receiving stream, and the discharge flow will be restricted to a discharge no higher than the 7Q10 value of the receiving stream. See application form for additional instruction. If the 7Q10 value is less than or equal to 0.1 cubic feet per second (cfs), or 64,627 GPD, the maximum allowable flow will be 0.1 cfs.

In no case (Category One or Category Two receiving waters) shall the effluent discharge flow exceed 1 million gallon per day (MGD) under this permit authorization.