Tewksbury Township
Chapter of the Hunterdon County Wastewater Management Plan

Amending the Following Area Wide Water Quality Management Plans:
Upper Raritan

Prepared by the State of New Jersey Highlands Water Protection and Planning Council in support of Tewksbury Township's approved Petition for Plan Conformance and the Water Quality Management Planning Rules, N.J.A.C. 7:15.

August 2019

Submitted by the Board of Chosen Freeholders of the County of Hunterdon

Approved by the New Jersey Department of Environmental Protection:

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Introduction

Of the 88 municipalities in the Highlands Region, 66 have submitted a petition to the Highlands Water Protection and Planning Council (Highlands Council) to conform to the Highlands Regional Master Plan (RMP, effective date September 8, 2008) regarding the Preservation Area, Planning Area or (where applicable) both within their municipalities. The New Jersey Department of Environmental Protection (DEP) is responsible for ensuring that all areas of New Jersey are addressed by Wastewater Management Plans (WMPs) that comply with the provisions of the Water Quality Management Planning (WQMP) Rules at N.J.A.C. 7:15. Within the Highlands Region, this process will be achieved through a coordinated process with the affected county, municipality and the Highlands Council as provided in N.J.A.C. 7:15-2.9 and N.J.A.C. 7:38-1.1. One of the conditions for each municipality that fully conforms to the RMP ("Plan Conformance" for the entire municipality) is the development of a municipal WMP or municipal chapter for a County WMP, as appropriate, in conformance with the RMP, and where applicable the DEP Highlands Preservation rules N.J.A.C. 7:38-3.4 (a and b) and N.J.A.C. 7:15. Please note that the WMP document only takes into consideration consistency with the septic guidelines of the RMP Policy 2L2 (a selected list of Highlands Goals, Policies, and Objectives can be found in **Appendix E**) and does not apply to any RMP consistency determinations required for other Highlands resources; these resources include, but are not limited to: Highlands Open Water Buffers, Forests Resource Areas, Prime Groundwater Recharge Areas, Carbonate Rock, Vernal Pools, Highlands Critical Wildlife Habitat, and Steep Slopes. The purpose of the WMP is to ensure that sewer service areas and non-sewer service areas (septic system service area) for wastewater planning flows of 2,000 gallons per day (gpd) or less (individual subsurface sewage disposal systems – ISSDS) are consistent with the Land Use Capability Zone Map designations and policies of the Highlands RMP. The WMP is therefore a direct result of the Plan Conformance process, intended to be adopted as the municipal chapter of the relevant County WMP where a County WMP is developed, or as a stand-alone document where a County WMP is not developed. Municipalities that do not pursue Plan Conformance for the Planning Area will address their wastewater planning responsibilities in cooperation with their counties or directly with DEP, which in turn will coordinate review with the Highlands Council.

Tewksbury Township is a municipality that fully conforms to the Highlands Water Protection and Planning Act (Highlands Act) and the Highlands RMP. On February 17, 2011, the Highlands Council adopted Resolution #2011-9 (attached as **Appendix A**) which approved Tewksbury Township's Petition for Plan Conformance, subject to conditions as set forth in the Final Consistency Review and Recommendations Report for Tewksbury Township (**Appendix B**). Plan Conformance applies to the entirety of Tewksbury Township – Highlands Planning and Preservation Areas. On September 2015, the municipality adopted land use ordinance amendments consistent with the Highlands Council's approval of the Petition for Plan Conformance (**Appendix D**). A condition of the approved Petition for Plan Conformance, as detailed in the Final Consistency Review and Recommendation Report, is the requirement that Tewksbury Township adopt a WMP working with the Highlands Council under Plan Conformance. As such, the Tewksbury Township Chapter of the Hunterdon County WMP is developed under Plan Conformance for the entire Township. The Highlands Council worked cooperatively with Tewksbury Township throughout the Plan Conformance process to conduct an extensive analysis of the complete land area of the municipality, using a geodatabase that documents the status of development for each parcel, and wastewater utility service, build-out potential, etc. Mapping depicting these analyses as identified in this document, is provided.

Wastewater Management Planning Area

The WMP Area is defined as Tewksbury Township for this municipal chapter of the Hunterdon County WMP pursuant to the Water Quality Management Planning rules. The WMP has been submitted to the DEP for

approval so that it may be incorporated into the Upper Raritan Water Quality Management Plan via the plan amendment procedure at N.J.A.C. 7:15-3.5.

Summary of Significant Actions Proposed in this WMP

The WMP area was reviewed in accordance with the WQMP rules and Highlands RMP for areas eligible for sewer service and non-sewer service areas. The applicable areas were then assessed to determine if there was adequate wastewater treatment capacity available for the identified type of wastewater service. Because of this evaluation, 66 acres are being added to the sewer service area. Within the assigned sewer service area, fifteen acres are designated as future sewer service area with an additional 7,200 gallons per day (gpd) proposed to go to the NJ American Water Co - Pottersville STP Waste Water Treatment Facility, while fourteen acres are designated as future sewer service area with an additional 1,800 gpd proposed to go to the Oldwick Village WPCP - Tewksbury Twp. Added to this build-out analysis are areas in the Preservation Area that are in the pre-act sewer service area established on August 10, 2004, and identified as eligible for an exemption in accordance with applicable exemptions designated under the Highlands Water Protection and Planning Act and N.J.A.C 7:38-2.3a (exemptions 1, 2, and/or 4). These have been evaluated as part of the build-out process to identify any additional flows to an adjacent (pipes in the ground) Assigned Sewer Service Area. Tewksbury Township does not have any parcels that qualify for either exemption 1, 2, and/or 4 that can connect to the assigned sewer service area.

The NJ American Water Company- Potterville STP has adequate existing capacity to serve the areas identified as assigned sewer service area. The Oldwick Village WPCP sewage treatment plant does not have existing capacity to serve all the areas identified as assigned sewer service area and the Township has instituted a Capacity Assurance Program (CAP) on the treatment plant not allowing any new connections to the treatment plant. The following strategies to address these deficiencies have been proposed: analyze opportunities to reduce Inflow & Infiltration (I&I) or upgrade the existing facility. The lagoons for this facility have not been cleaned of sewer sludge since they were built, which would need to happen before any future connections occur.

The area south of Interstate Route 78 along County Route 523 is associated with NJPDES Permit #NJ0102563 for an on-site wastewater system. It was identified as Future Sewer Service Area in the previous Tewksbury WMP, which is now superseded by this WMP. The NJPDES permit, as previously approved by NJDEP, was issued for 100,000 gpd to support an office development, for which preliminary approval was received by the developer. The Township of Tewksbury confirms that the preliminary approval expired on December 27, 2004. This area is now mapped as Protection Zone. As there is no valid municipal approval and the proposed sewer service area is inconsistent with the RMP, this area is <u>not</u> included within the Existing SSA for Tewksbury Township. Inclusion of this area would require Highlands Council approval of a Map Adjustment, TDR Receiving Area (i.e., based on an intra-municipal TDR program) or designation of a Highlands Center. Upon such approval, an amendment to the WMP may be considered.

Areas identified as non-sewer service areas, which are served by individual subsurface sewage disposal systems, have been evaluated, as applicable, on the type of Highlands Area (Preservation or Planning), in accordance with the standards established at N.J.A.C. 7:38-3.4(b) or identified in the RMP Land Use Capability Zones (LUCZs) to determine the potential number of equivalent dwelling units which could occur within the Highlands Region. The build-out analysis identified 199 septic systems in the Planning Area for all RMP LUCZs and HUC 14 subwatersheds and 12 septic systems in the Preservation Area. In addition to this build-out analysis, areas identified as non-sewer service areas have been evaluated in accordance with applicable exemptions designated under the Highlands Water Protection and Planning Act and N.J.A.C 7:38-2.3a (exemptions 1 and 2) to determine the number of equivalent dwelling units which could occur. Tewksbury Township has 116 parcels that qualify for either exemption 1 or 2 in the Preservation Area. In addition there is the potential for 92 dwelling units that could be developed on underdeveloped parcels in the Planning Area (environmental constraints on individual parcels are not taken into account and could affect buildability of

these parcels). These exempt parcels do not meet the Highlands nitrate dilution standards established in N.J.A.C. 7:38-3.4(b) or identified in the RMP LUCZs because additional units identified as exempt or underdeveloped parcels that could be developed exceed the nitrate dilution capacities established under build-out conditions. The following strategies have been proposed to address these deficiencies: land preservation, innovative wastewater alternatives and future analysis of potential buildability of all of the identified exempt parcels. The Highlands Council will work with the Township through the Plan Conformance Grant Program to fund such analyses.

Sewer Service in the Highlands Region

1. Assigned Sewer Service Area – These areas may be designated as one of the following:

a. The Existing Areas Served (EAS) includes all areas currently served by New Jersey Pollutant Discharge Elimination System (NJPDES)-permitted wastewater treatment facilities, including domestic and industrial, as well as discharges to surface or ground water, including T1 sites (NJPDES permit for existing sanitary septic system general wastewater discharges to ground water);

b. In the Highlands Planning Area, the Future Sewer Service Area (FSSA) includes any other lands for Highlands conforming municipalities as defined in N.J.A.C. 7:15-1.5, in accordance with N.J.A.C. 7:15-4.4(c)2, sewer service may only be provided to those areas established within the RMP as Existing Community Zone (excluding the Environmentally-Constrained Subzone), Lake Community Sub-Zone, or designated as Highlands Redevelopment Areas or Highlands Centers; or any lands previously approved by the DEP as sewer service areas for which a currently valid municipal development approval and valid DEP Treatment Works Approval (TWA), if required, has been issued and is currently in effect, where such information was documented by the municipality or the DEP and provided to the Highlands Council;

c. In the Highlands Preservation Area, assigned sewer service area is limited to those areas that, in accordance with N.J.S.A. 58:11A-7.1, were connected to a wastewater treatment facility as of August 10, 2004. Any new discharge to surface or ground water that would require an individual or general NJPDES permit and any extension of a wastewater collection system that requires a DEP TWA is prohibited in the Preservation Area unless the development is in an area eligible for sewer service pursuant to N.J.A.C. 7:38-2.3, 2.4, 2.6, and 3.4. The following areas are eligible to be identified as sewer service area:

    1. Areas determined to be and remaining exempt from the Highlands Act and pursuant to N.J.A.C. 7:38-2.3a;
    2. Areas where a Highlands Preservation Area Approval (HPAA) with waiver has been granted by the DEP;
    3. Areas that lie within a Highlands Council Designated Redevelopment Area; or
    4. Areas that are not a Major Highlands Development as defined at N.J.A.C. 7:38-1.4.

d. Sewered Exemptions- Exemptions 1, 2 and 4 were included in the build-out analysis for assigned sewer service areas. Exemptions 1 and 2 pertain to vacant lots in existence on the date of enactment of the Highlands Act (August 10, 2004), that can build one single family home. Exemption 4 applies to the reconstruction of any building or structure for any reason within 125% of the footprint of the lawfully existing impervious surface, but limited to one-quarter acre. Lots that fall under one of the three exemptions above and are located in a pre-Act sewer service area are eligible to connect to existing Domestic Treatment Works (DTWs).

The exemption build-out analysis is based on some assumptions, which are discussed in **Appendix F**, and therefore the number of exempt lots is approximate.

2. Unassigned Sewer Service Area

Unassigned Sewer Service Area is defined as areas eligible for sewer service for which a specific DTW, or industrial treatment works has not been identified. Areas that meet the criteria identified in Section 1b above would also be eligible to be identified as an unassigned sewer service area.

Environmentally Sensitive Areas

Under the WQMP rules, large, contiguous, environmentally sensitive areas defined as 25 acres or larger consisting of habitat for endangered and threatened species as identified on the Landscape Project Maps of Habitat for Endangered, Threatened or Other Priority Species (Version 3.3), Natural Heritage Priority Sites, Category One special water resource protection areas, and wetlands, alone or in combination, should be excluded from areas eligible for sewer service. However, the WQMP rule provides, in N.J.A.C. 7:15-4.4(g) and (i)-(m), several exceptions which allow environmentally sensitive areas to be included in areas eligible for sewer service.

RMP Consistency Determinations: Any proposed modification to this WMP will not be approved without a review of Highlands RMP consistency by the Highlands Council and coordination between the Highlands Council and the DEP in accordance with N.J.A.C. 7:38-1.1(k) and 7:15-2.9.

Additional properties may be proposed for inclusion in the assigned sewer service area through DEP approval of amendment(s) to this WMP, where determined to be exempt from the Highlands Act or consistent with the RMP (through a Highlands Council Consistency Determination). Amendments may also be approved to address public health and safety issues. Further, in both the Preservation Area and the Planning Area, connection of additional properties or expansion of flows from existing connections is subject to municipal approval regarding availability of utility capacity, including both remaining available utility capacity (e.g., wastewater flows) and infrastructure capacity (e.g., pump stations, mains). Compliance with the connection requirement will be governed through compliance with N.J.A.C. 7:9A-1.6(e), which provides guidance on sewer connections.

Non-Sewer Service Areas (Wastewater Planning Flows of 2,000 gallons per day (gpd) or Less)

Remaining areas of the municipality, not otherwise identified as assigned sewer service from a NJPDES regulated domestic or industrial treatment works and other small treatment works that treat 2,000 gpd or less of wastewater with discharge to groundwater or as unassigned sewer service, are included within the non-sewer service area. This category applies to all lands for which the density of new septic system development will be consistent with applicable septic density/nitrate dilution allowances. Portions of the Existing Community Zone, Lake Community Sub-Zone, designated Highlands Redevelopment Areas or Highlands Centers that are not sewered and are not intended to receive sewer service may be designated in the same manner. These areas will be subject to a septic maintenance management program that will ensure these facilities are functioning properly.

In the Highlands Preservation Area, the applicable septic system density and nitrate dilution capacity allowance must be consistent with the requirements as set forth in the Highlands Water Protection and Planning Act

Rules, N.J.A.C. 7:38-3.4, or the development activity must be exempt from the Highlands Act or receive a Highlands Preservation Area Approval (HPAA) with or without waiver, as applicable, from DEP.

In the Highlands Planning Area, for Highlands conforming municipalities, the nitrate dilution capacity analysis shall be performed in accordance with the procedures set forth pursuant to the Highlands RMP; however, development is not evaluated against the septic standards set by the RMP if the development consists of fewer than three residential dwelling units.

Projects in non-sewer service areas with cumulative wastewater flows of more than 2,000 gpd shall not be eligible for NJPDES discharge permits or TWAs unless a WQMP revision or amendment to this WMP is proposed and adopted. To change the service area designation from a non-sewer service area to a sewer service area (assigned), one of the following reasons must apply:

- Projects approved under septic system density provisions consistent with the RMP, as required by the Highlands land use ordinance amendments adopted by the municipality pursuant to Highlands Council approval of its Petition for Plan Conformance. (NOTE: Approval pursuant to these provisions is deemed in conformance with the septic system density requirements of N.J.A.C. 7:15);
- The Highlands Council has determined that the discharge is consistent with the RMP;
- The development activity is exempt from the Highlands Act; or
- Within the Preservation Area, the development activity receives a HPAA with or without waiver from DEP.

Wastewater Treatment Facilities

This section addresses wastewater treatment facilities currently or anticipated to be utilized within the municipality, regardless of whether the treatment works itself is located within or outside of the municipality. Facility tables are provided for each existing and proposed wastewater treatment facility.

Overview of Wastewater Services and Wastewater Responsibilities

Existing Public Wastewater Treatment Works and Service Area

Table 1 lists the major domestic wastewater treatment facilities and the municipality or municipalities they serve, and the existence of any Federal 201 grant limitations (treatment facility or collection system) which prohibit the extension of sewer service to environmentally sensitive areas.

Table 1. Wastewater Districts and Franchise Areas

Wastewater Utility	Municipalities Served	Federal 201 Grant Limitation
NJ- American Water Co- Pottersville STP	Tewksbury Township	no
Oldwick Village WPCP	Tewksbury Township	no

Wastewater Facility Tables

Below are wastewater facility tables for all sanitary and/or process wastewater discharge to surface water facilities and those sanitary and/or process wastewater discharge to ground water facilities discharging greater than 2,000 gpd (e.g., requiring NJPDES permits). They include domestic wastewater treatment facilities which may serve one or multiple municipalities, onsite domestic treatment facilities, onsite Existing Sanitary Septic System General Permit (T-1) treatment facilities, and/or industrial treatment facilities which treat only industrial process wastewater, and/or facilities serving industrial land uses that have independent wastewater treatment facilities that treat and discharge manufacturing process waste and/or sanitary sewage that may be discharged to groundwater or to surface water.

Table 2 **NJ AMERICAN WATER CO- POTTERSVILLE STP FACILITY**		
1. Existing or proposed facility:	existing	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ0022781	
3. Discharge to ground water (DGW) or surface water (DSW):	DSW	
4. Receiving water or aquifer name:	Lamington River	
5. Classification of receiving water or aquifer:	FW2-TP(C1)	
6. Owner of facility:	NJ American Water Co	
7. Operator of facility:	Michael J. Roberti	
8. Co-Permittee of facility *(where applicable*):		
9. Location of facility:		
a. Municipality & County	Tewksbury Township, Hunterdon County	
b. Street address	McCann Mill Rd	
c. Block and Lot	Block 24 Lot 17.01	
10. Location of discharge:	Longitude -74.7216519° Latitude 40.7095775°	
11. Present permitted flow:	0.05 MGD	
12. Summary of population served/to be served:	Current (Year 2019) Population	Build-Out
Tewksbury Township	361	445
Total	361	445
13. Summary of wastewater flow	Max 12-Month Rolling Average Over 5 Years (MGD)	Build-Out
Tewksbury Township	0.034	0.041
Facility Total	0.034	0.041

Table 3 **OLDWICK VILLAGE WPCP/ TEWKSBURY TWP TREATMENT FACILITY**		
1. Existing or proposed facility:	existing	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ0055956	
3. Discharge to ground water (DGW) or surface water (DSW):	DGW	
4. Receiving water or aquifer name:	Border Conglomerates	
5. Classification of receiving water or aquifer:	II-A	
6. Owner of facility:	Tewksbury Township	
7. Operator of facility:	Kevin Pyatt	
8. Co-Permittee of facility *(where applicable)*:		
9. Location of facility:		
a. Municipality & County	Tewksbury Township, Hunterdon County	
b. Street address	Church Street Village of Oldwick	
c. Block(s) and Lot(s)	various	
10. Location of discharge :	Longitude -74.7450586° Latitude 40.6728401°	
11. Present permitted flow:	0.03 MGD	
12. Summary of population served/to be served:	Current (Year 2019) Population	Build-Out Population
Tewksbury Township	329	352
Total	329	352
13. Summary of wastewater flow	Max 12-Month Rolling Average Over 5 Years (MGD)	Build-Out (MGD)
Tewksbury Township	0.033805	0.035605
Facility Total	0.033805	0.035605

Table 4 **CROSSROADS AT OLDWICK TREATMENT FACILITY**		
1. Existing or proposed facility:	existing	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ0104396	
3. Discharge to ground water (DGW) or surface water (DSW):	DGW	
4. Receiving water or aquifer name:	Brunswick	
5. Classification of receiving water or aquifer:	II-A	
6. Owner of facility:	NJ American Water Co	
7. Operator of facility:	Diana Rosenbach	
8. Co-Permittee of facility *(where applicable)*:		
9. Location of facility:		
a. Municipality & County	Tewksbury Township, Hunterdon County	
b. Street address	Rt 523 (Oldwick Rd)	
c. Block(s) and Lot(s)	various	
10. Location of discharge :	Longitude -74.7443296° Latitude 40.6617681°	
11. Present permitted flow:	0.0225 MGD	
12. Summary of population served/to be served:	Current (Year 2019) Population	Build-Out Population
Tewksbury Township	291	291
Total	291	291
13. Summary of wastewater flow	Max 12-Month Rolling Average Over 5 Years (MGD)	Build-Out (MGD)
Tewksbury Township	0.006309	0.006309
Facility Total	0.006309	0.006309

Table 5 **AM BEST CO, Inc. TREATMENT FACILITY**		
1. Existing or proposed facility:	existing	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ0134627	
3. Discharge to ground water (DGW) or surface water (DSW):	DGW	
4. Receiving water or aquifer name:	Brunswick	
5. Classification of receiving water or aquifer:	II-A	
6. Owner of facility:	AM Best Co, Inc	
7. Operator of facility:	Matthew McKay	
8. Co-Permittee of facility *(where applicable)*:		
9. Location of facility:		
a. Municipality & County	Tewksbury Township, Hunterdon County	
b. Street address	1 Ambest Rd	
c. Block and Lot	Block 46 Lot 6	
10. Location of discharge :	Longitude -74.7586744° Latitude 40.6528291°	
11. Present permitted flow:	0.0075 MGD	
12. Summary of population served/to be served:	Current (Year 2019) Population	Build-Out Population
Tewksbury Township	550	550
Total	550	550
13. Summary of wastewater flow	Max 12-Month Rolling Average Over 5 Years (MGD)	Build-Out (MGD)
Tewksbury Township	0.002928	0.002928
Facility Total	0.002928	0.002928

Table 6 **CHRISTY BARTLES WASTEWATER TREATMENT FACILITIES**		
1. Existing or proposed facility:	existing	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ0138592	
3. Discharge to ground water (DGW) or surface water (DSW):	DGW	
4. Receiving water or aquifer name:	Brunswick	
5. Classification of receiving water or aquifer:	II-A	
6. Owner of facility:	Tewksbury Twp	
7. Operator of facility:	Kevin Pyatt	
8. Co-Permittee of facility *(where applicable)*:		
9. Location of facility:		
a. Municipality & County	Tewksbury Township, Hunterdon County	
b. Street address	159 Oldwick Rd Rt 523	
c. Block and Lot(s)	Block 44 Lots 22 & 22.01	
10. Location of discharge :	Longitude -74.7530769° Latitude 40.6642500°	
11. Present permitted flow:	0.009975 MGD	
12. Summary of population served/to be served:	Current (Year 2019) Population	Build-Out Population
Facility Total	18 unit facility with 11 one-bedroom units, 5 two-bedroom units, and 2 three bedroom units. It also serves 3 five bedroom senior units, the Oldwick Fire House with banquet hall, a library, and a historical society house.	18 unit facility with 11 one-bedroom units, 5 two-bedroom units, and 2 three bedroom units. It also serves 3 five bedroom senior units, the Oldwick Fire House with banquet hall, a library, and a historical society house.
13. Summary of wastewater flow	Max 12-Month Rolling Average Over 5 Years (MGD)	Build-Out (MGD)
Tewksbury Township	0.003840	0.003840
Facility Total	0.003840	0.003840

Table 7 **TEWSKBURY TWP ELEMENTARY SCHOOL TREATMENT FACILITY**		
1. Existing or proposed facility:	existing	
2. New Jersey Pollutant Discharge Elimination System Permit Number:	NJ0139998	
3. Discharge to ground water (DGW) or surface water (DSW):	DGW	
4. Receiving water or aquifer name:	Crystalline Rocks	
5. Classification of receiving water or aquifer:	II-A	
6. Owner of facility:	Tewksbury Twp Bd of Ed	
7. Operator of facility:	Joanne Black	
8. Co-Permittee of facility *(where applicable)*:		
9. Location of facility:		
a. Municipality & County	Tewksbury Township, Hunterdon County	
b. Street address	109 Fairmont Rd	
c. Block and Lot	Block 16 Lot 6	
10. Location of discharge :	Longitude -74.764194° Latitude 40.726771°	
11. Present permitted flow:	0.009 MGD	
12. Summary of population served/to be served:	Current (Year 2019) Population	Build-Out Population
Tewksbury Township	600	600
Total	600	600
13. Summary of wastewater flow	Max 12-Month Rolling Average Over 5 Years (MGD)	Build-Out (MGD)
Tewksbury Township	0.002621	0.002621
Facility Total	0.002621	0.002621

Table 8 **HUNTERS GLEN COMMUNITY SEPTIC SYSTEM** **EXISTING SANITARY SEPTIC SYSTEM GENERAL PERMIT (T-1)** **TREATMENT FACILITY**	
1. New Jersey Pollutant Discharge Elimination System Permit Number:	NJG0053279
2. Discharge to ground water (DGW):	DGW
3. Name of receiving aquifer:	Passaic Formation
4. Classification of receiving aquifer:	II-A
5. Owner of facility:	Integra Management Co
6. Operator of facility:	Kevin Pyatt
7. Location of facility:	
a. Municipality & County	Tewksbury Township, Hunterdon County
b. Street address	68 Hunters Cir
c. Block(s) and Lot(s)	various
8. Location of discharge (i.e. degrees, minutes, seconds):	State Plane Coordinates X: 413996 Y: 665917
9. Summary of current population served identifying all wastewater generating uses:	52 homes with community on-site treatment system
Other: Refer to N.J.A.C. 7:9A-7.4	0.0156 MGD permitted

Table 9 TEWKSBURY TWP BOARD OF EDUCATION EXISTING SANITARY SEPTIC SYSTEM GENERAL PERMIT (T-1) TREATMENT FACILITY	
1. New Jersey Pollutant Discharge Elimination System Permit Number:	NJG0103110
2. Discharge to ground water (DGW):	DGW
3. Name of receiving aquifer:	Biotite-Quartz-Feldspar Gneiss
4. Classification of receiving aquifer:	II-A
5. Owner of facility:	Tewksbury Township Board of Education
6. Operator of facility:	Brian Jesby
7. Location of facility:	
a. Municipality & County	Tewksbury Township, Hunterdon County
b. Street address	173 Old Turnpike Rd
c. Block and Lot	Block 27 Lot 68.01
8. Location of discharge (i.e. degrees, minutes, seconds):	State Plane Coordinates X: 416224 Y: 681490
9. Summary of current population served identifying all wastewater generating uses:	Office Space
Other: Refer to N.J.A.C. 7:9A-7.4	0.006 MGD permitted

Municipal Build-Out Results

The Highlands Technical Method for WMP Build-Out Analysis (attached as **Appendix F**) for Tewksbury Township is based upon local zoning, Highlands LUCZs in the Planning Area, Highlands Water Protection and Planning Act Rules (N.J.A.C. 7:38-3.4), prior approvals, and exemptions. Open space, preserved land, and DEP environmentally constrained land was not included as developable land in the build-out analysis for the assigned and unassigned sewer service areas. The Highlands Council estimated the following development units for potential developable lands for the entire municipality, as summarized in **Table 14** below. The results of the municipal build-out analysis are designed to be utilized at a municipal scale and are not appropriate for determining if a particular parcel or development project is consistent with the RMP (for example, certain results regarding residential or non-residential development that may be altered through a specific development review). The municipal results are a result of current conditions and application of RMP septic requirements. The analysis below provides a critical planning tool but cannot be used as a definitive prediction of the future or as a basis for parcel-based development potential.

Development in Assigned Sewer Service Areas: As summarized in **Table 14**, eight (8) residential units and zero (0) square feet of non-residential development result in a wastewater demand of 1,800 gpd, or 0.0018 million gallons per day (MGD). This build-out flow is associated with the Oldwick Village WPCP (NJ0055956).

Twenty-four (24) residential units and zero (0) square feet of non-residential development result in a wastewater demand of 7,200 gpd, or 0.0072 MGD. This build-out flow is associated with NJ American Water Co- Pottersville STP (NJ0022781).

There is no build-out projected for the Crossroads at Oldwick (NJ0104396), AM Best Co, Inc (NJ0134627), Christy Bartles (NJ0138592), or Tewksbury Township Elementary School (NJ0139998) Treatment Facilities.

Available Wastewater Utility Capacity and Municipal Build-Out Results

Assigned Sewer Service Area – Table 10 shows wastewater flows within the Sewer Service Area for the facilities discussed under the section Municipal Build-Out Results.

Table 10. Sewer Service Area Wastewater Treatment Capacity Analysis

	Facility	NJDPES Permit #	Municipality	Current Flow[1], (MGD)	Projected Flow[2] (MGD)	Total Build-Out Flow[3] (MGD)	NJDPES Permitted Flow (MGD)	Surplus or (Deficiency[4])
Assigned	Oldwick Village Water Pollution Control Facility	NJ0055956	Tewksbury	0.0338	0.0018	0.035605	0.03	-0.0056
	NJ American Water Co-Pottersville STP	NJ0022781	Tewksbury	0.034	0.0072	0.041	0.05	0.0088
	Crossroads at Oldwick	NJ0104396	Tewksbury	0.006309	0	0.006309	0.0225	0.016191
	AM Best Co, Inc	NJ0134627	Tewksbury	0.002928	0	0.002928	0.0075	0.004572
	Christy Bartles Wastewater Facilities	NJ0138592	Tewksbury	0.003840	0	0.003840	0.009975	0.006135
	Tewksbury Township Elementary School	NJ0139998	Tewksbury	0.002621	0	0.002621	0.009	0.006379

[1] *Highest consecutive rolling 12-month average in most recent 5 years of DMR Data; Oldwick Village WPCP and Potterville STP flow data is from March 2014 to January 2019; Crossroads at Oldwick flow data is from January 2014 to June 2019; AM Best Co, Inc flow data is from January 2014 to April 2019; Christy Bartles Wastewater Facilities flow data is from January 2014 to May 2019; Tewksbury Elementary School flow data is from January 2014 to June 2019.*

[2] *Combined flows from both existing development not connected to the STP and acreage that can support development within the SSA – See Appendix F– "Highlands Technical Method for WMP Build-Out Analysis"*

[3] *Combined flows of Current and Projected Flows*

[4] *A deficiency will constitute a "potential capacity deficiency"*

Nitrate Dilution Analysis

The build-out method for non-sewer service areas (discharges to groundwater with planning flows of 2,000 gpd or less) in the Highlands Region is contained in RMP Policy 2L2 (see **Appendix E**) and is included in the WMP as **Appendix F**. The septic system yield associated with this area is listed in **Table 13**. A listing of properties with existing septic systems is provided as **Appendix G**.

Development Reliant on Septic Systems: The build-out analysis identified 199 septic systems in the Planning Area for all RMP LUCZs and HUC 14 subwatersheds and 12 septic systems in the Preservation Area based on the Highlands Water Protection and Planning Act Rules. Tewksbury Township has the potential for 92 dwelling units on underdeveloped parcels in the Planning Area and 116 parcels qualifying for either exemption 1 or 2 in the Preservation Area, each that can support one equivalent dwelling unit.

Table 11 shows the total number of units allowed based on RMP Land Use Capability Zone in the Planning Area.

Table 11. Non-Sewer Service Area Nitrate Dilution Analysis by Land Use Capability Zone	
RMP Land Use Capability Zone	**Septic Density (acres/du[2])**
Protection Zone	25
Conservation Zone	10
Existing Community Zone	9

Table 12 shows the total number of units allowed based on N.J.A.C. 7:38-3.4(b).

Table 12. Non-Sewer Service Area Nitrate Dilution Analysis in the Preservation Area	
Preservation Area	**Septic Density (acres/du)**
Non-Forest	25
Forest	88

Table 13 shows the total number of units projected based on Land Use Capability Zone (LUCZ) in the Planning Area and N.J.A.C. 7:38-3.4(b) in the Preservation Area. Nitrate dilution capacity is exceeded when projecting for exemptions.

Table 13. Non-Sewer Service Area Nitrate Dilution Build-Out Analysis				
Highlands Area	**Developable Land (acres)**	**Allowed Units based on Septic Density***	**Nitrate Dilution Capacity Exceeded ****	**Total New Units**
Planning Area	2889	199	92	291
Preservation Area	515	12	116	128

***Number of equivalent dwelling units projected based on the results of nitrate capacity build-out analysis**
**** Number of equivalent dwelling units projected based on the number of parcels exempt from the Highlands Act or not subject to evaluation against the RMP.**

[2] Du- dwelling unit

Table 14. Municipal Build-Out Results Summary			
	Preservation Area	**Planning Area**	**Totals**
Residential units – Sewered- Oldwick Village WPCP	0	8	**8**
Residential units – Sewered- Pottersville STP	0	24	**24**
Exempt Residential Units- Sewered- Oldwick Village WPCP	0	0	**0**
Exempt Residential Units- Sewered- Pottersville STP	0	0	**0**
Septic System unit Yield (Preservation Area: 25/88) (Planning Area: LUCZ)	12	199	**211**
Exempt units- Septic	116	92	**208**
Non-Residential – Sewered	0 sq ft	0 sq ft	**0 sq ft**
Non-Residential – Septic	0 sq ft	0 sq ft	**0 sq ft**

Strategies to Address Capacity Deficiencies

There is a potential capacity deficiency within the Oldwick Village WPCP (NJ0055956). The facility is reported to be at capacity with a build-out flow of 1,800 gpd. The facility is currently under a CAP on the system and no new connections are allowed. However, potential solutions for the additional flow identified through build-out include upgrading the existing facility and measures to reduce any inflow and infiltration issues that may be identified within the service area. The lagoons for the Oldwick WPCP have not been cleaned of sewer sludge since they were built, which needs to occur before accepting any future connections beyond what is identified in this report.

Strategies that Tewksbury Township intends to investigate to mitigate for the exceedance of nitrate dilution due to the number of exempt parcels include: plans to preserve land, assessment of innovative wastewater alternatives, analysis of buildability of identified exempt parcels and development of a septic maintenance plan. The Highlands Council will assist the Township through the Plan Conformance Grant Program in the development of an innovative wastewater alternative.

Septic Maintenance Program

The WQMP rules require that WMPs for municipalities with septic systems contain a septic system maintenance program plan that at a minimum contains the following:

- A current inventory of individual subsurface sewage disposal systems;
- A description of the current practices required to promote individual subsurface sewage disposal system care and maintenance; and
- A description of planned improvements to the current practices to improve the septic system inventory and promotion of improved septic system care and maintenance.

The septic inventory of all existing septic systems within the municipality can be found in **Appendix G**. The septic maintenance program includes identifying problem areas, narrative for permitting process, maintenance requirements for owners/users, pump out requirements, education/outreach on proper maintenance, record

creation and maintenance, response actions to complaints, or remedial actions required for failing septics and reporting to DEP. Please see **Appendix H** for details on the Septic Maintenance Program.

Mapping Requirements Pursuant to N.J.A.C. 7:15-4.3(c)

The relevant mapping requirements of the Water Quality Management Planning Rules in N.J.A.C. 7:15-4.3(c) are met through the following maps for Tewksbury Township, as developed specifically for the WMP or as identified and included from the Highlands Plan Conformance documents approved by the Highlands Council. Maps of existing and future treatment works and sewer service areas are used by the DEP for WQMP consistency reviews regarding proposed TWAs and NJPDES permits. They have been developed specifically for this WMP Chapter and are incorporated herein. Maps of environmental and administrative features are used by DEP as basis and background information for the identification of areas eligible for sewer service.

- **Wastewater Management Plan Area (Map #1)** *Jurisdictional Boundaries* – The affected WMP Chapter Area is the municipal boundary of Tewksbury Township and the Areawide Water Quality Management Plan is the Upper Raritan, both of which are shown on the municipal maps. Tewksbury Township is entirely within the Highlands Region, and contains both the Planning and Preservation Areas.
- **Selected Environmentally Sensitive Features (Map #2)**
    - Suitable habitat for endangered and threatened wildlife species (rank 3, 4, and 5)
    - Natural Heritage Priority Sites
    - Surface waters
    - Category One Waters and their corresponding 300-foot riparian zones (NOTE: Under the Regional Master Plan, all Highlands Open Waters in both the Preservation and Planning Areas are associated with 300-foot buffers.)
    - Freshwater wetlands
- **Highlands Land Use Capability Zones (Map #3a)**
    - Land Use Capability Zones established within the RMP
- **Wastewater Service Area (Map #3b)**
    - District boundaries of sewerage authority districts, any municipal authorities, or municipal utility authority districts
    - Franchise areas for sewer utilities regulated by the Board of Public Utilities or other contractual boundaries
    - Existing and future domestic and industrial treatment works and their discharge outfalls.
    - Assigned sewer service area:
        - NJ American Water Co- Pottersville STP Facility (NJ0022781)
        - Oldwick Village WPCP/ Tewksbury Township (NJ0055956)
        - Crossroads @ Oldwick (NJ0104396)
        - AM Best Co, Inc (NJ0134627)
        - Christy Bartles Wastewater Treatment Facilities (NJ0138592)
        - Tewksbury Township Elementary School (NJ0139998)
        - Hunters Glen Community Septic System (NJG0053279)
        - Tewksbury Township Board of Education (NJG0103110)
    - Non-sewer service area (planning flows of 2,000 gpd or less that discharge to groundwater)
- **Composite Zoning (Map #4)**
    - Parcel mapping
    - Current composite or municipal zoning

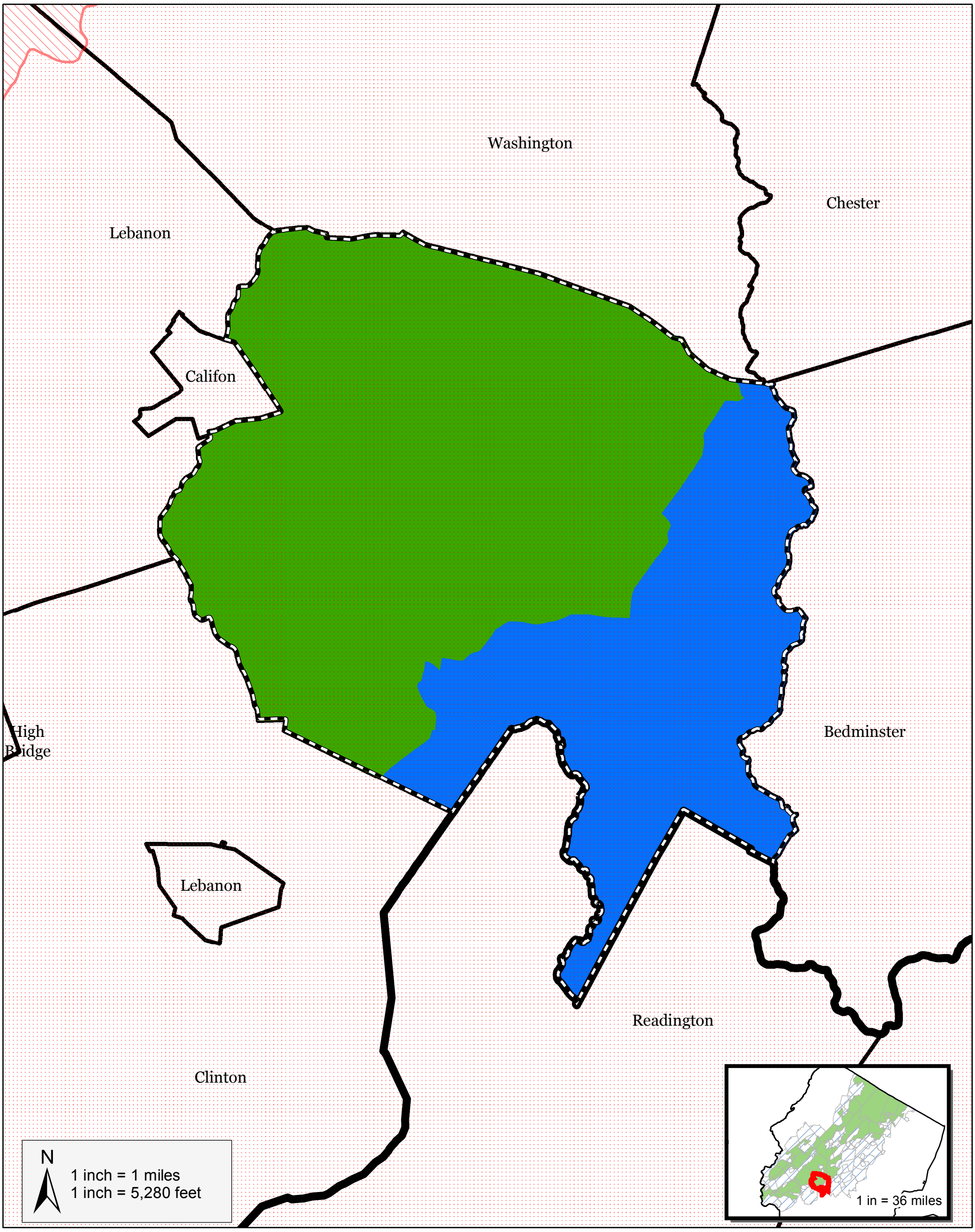
List of Appendices

Appendix	Title
A.	Highlands Council Resolution Approving Plan Conformance Petition
B.	Highlands Council Final Consistency Review and Recommendations Report
C.	Planning Area Petition Ordinance
D.	Highlands Land Use Ordinance Amendments
E.	Selected List of Highlands Goals, Policies, and Objectives
F.	Highlands Technical Method for WMP Build-Out Analysis
G.	Septic Inventory
H	Septic Maintenance Program
I.	Resolution for Authorization for Submission of the Tewksbury Township Chapter of the Hunterdon County WMP to the New Jersey Department of Environmental Protection Agency

MAP 1 - TOWNSHIP OF TEWKSBURY
WASTEWATER MANAGEMENT PLAN AREA

Wastewater Management Plan
Tewksbury Township, Hunterdon County, New Jersey
December 21, 2018

Highlands Council
New Jersey



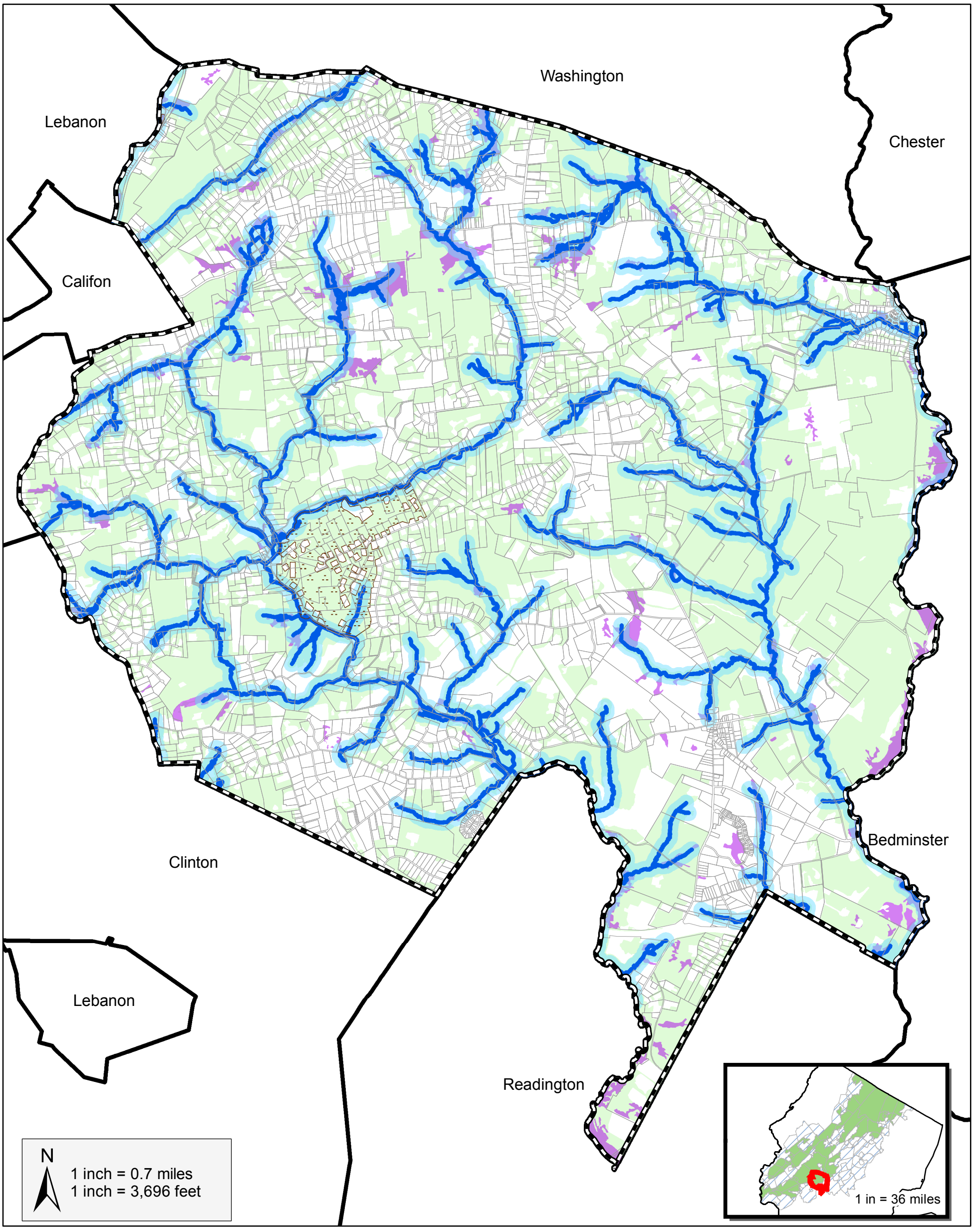
Legend

- WMP Area - Tewksbury Township
- Upper Delaware Water Quality Management Area
- Upper Raritan Water Quality Management Area
- Municipal Boundaries
- Highlands Boundary
- Highlands Planning Area
- Highlands Preservation Area

MAP 2 - TOWNSHIP OF TEWKSBURY
SELECTED ENVIRONMENTALLY SENSITIVE FEATURES

Wastewater Management Plan
Tewksbury Township, Hunterdon County, New Jersey
December 21, 2018

Highlands Council
New Jersey



Legend

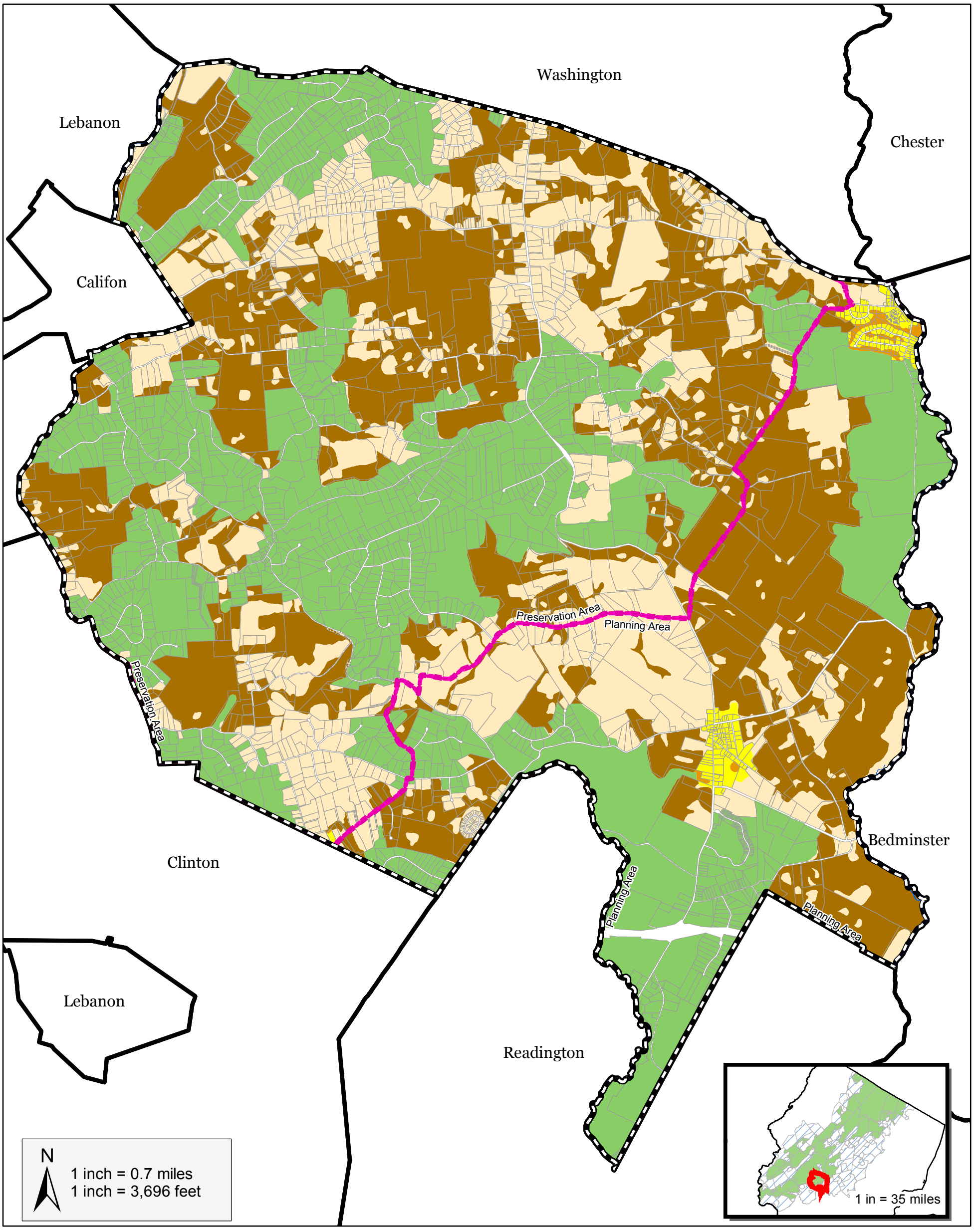
- WMP Area - Tewksbury Township
- Highlands Boundary
- Municipal Boundaries
- Parcel Boundaries
- Surface Water
- Wetlands
- C1 Surface Waters and Associated 300ft Buffer
- Natural Heritage Priority Sites
- Rank 3, 4, and 5 Habitat

Development in areas mapped as environmentally sensitive eatures may be subject to special restrictions under Federal or State statutes or rules. Interested persons should check with the Department of Environmental Protection for the latest information. Depiction of environmental features shall be for general information purposes only, and shall not be construed to define the legal geographic jurisdition of such statutes or rules.

MAP 3a - TOWNSHIP OF TEWKSBURY
HIGHLANDS LAND USE CAPABILITY ZONES

Wastewater Management Plan
Tewksbury Township, Hunterdon County, New Jersey
December 21, 2018

Highlands Council
New Jersey



Legend

- WMP Area - Tewksbury
- Highlands Boundary
- Highlands Preservation/Planning Area
- Municipal Boundaries
- Parcel Boundaries
- Surface Water

Land Use Capability Zones

- Conservation Environmentally Constrained Subzone
- Conservation Zone
- Existing Community Environmentally Constrained Subzone
- Existing Community Zone
- Protection Zone

MAP 3b - TOWNSHIP OF TEWKSBURY WASTEWATER SERVICE AREAS

Wastewater Management Plan
Tewksbury Township, Hunterdon County, New Jersey
October 8, 2019

Legend

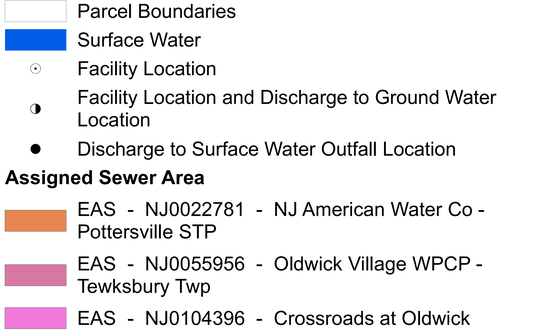
- WMP Area - Tewksbury
- Highlands Boundary
- Highlands Preservation/Planning Area line
- Municipal Boundaries
- Parcel Boundaries
- Surface Water
- Facility Location
- Facility Location and Discharge to Ground Water Location
- Discharge to Surface Water Outfall Location

Assigned Sewer Area

- EAS - NJ0022781 - NJ American Water Co - Pottersville STP
- EAS - NJ0055956 - Oldwick Village WPCP - Tewksbury Twp
- EAS - NJ0104396 - Crossroads at Oldwick
- EAS - NJ0134627 - A.M. Best Co, Inc
- EAS - NJ0138592 - Christy Property - Wastewater Facilities
- EAS - NJ0139998 - Tewksbury Twp Elementary School
- EAS - NJG0053279 - Hunters Glen Community Septic System
- EAS - NJG0103110 - Tewksbury Twp Board of Education
- Future Sewer Service Area

Non Sewer Service Area

- Existing Septic Areas - Residential
- Existing Septic Areas - Non Residential
- Septic Exemptions
- Planning Area Underdeveloped Lots
- Preservation Area Underdeveloped Lots



1 inch = 11 miles

Highlands Council
New Jersey

N

1 inch = 0.3 miles
1 inch = 1,584 feet

Lebanon Township

Washington Township

Chester Township

Califon Borough

Clinton Township

Bedminster Township

Lebanon Borough

Readington Township

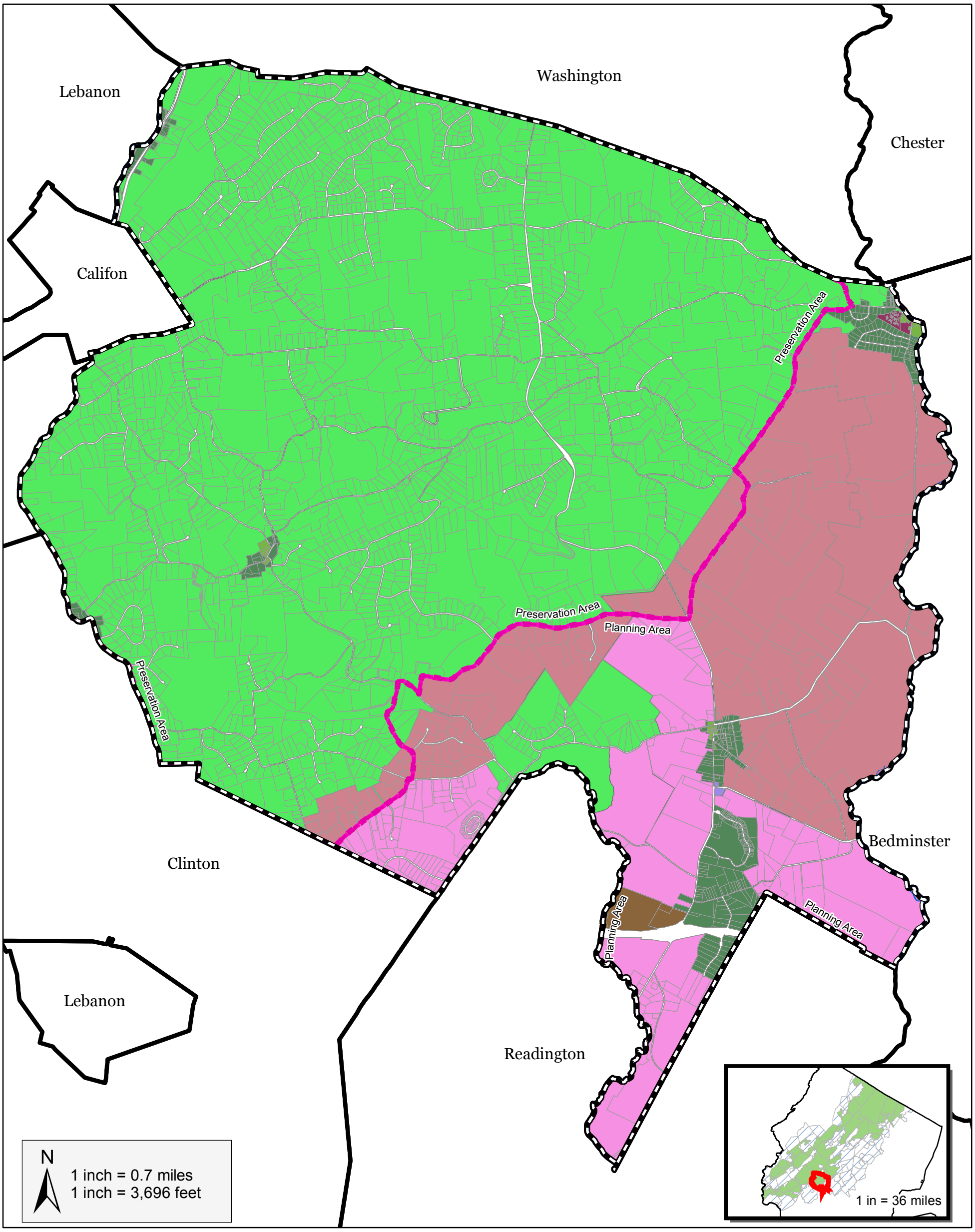
Notes:
- EAS: Existing Area Served
- Blank parcels are parcels that were not given any wastewater designation for any of the following reasons: the parcel is preserved, the parcel is not buildable due to its most current zoning information, or the parcel did not have any property class information and therefore could not be evaluated by the build out process.

The information contained on this map is the best available according to the Highlands Council. However, unintentional inaccuracies may occur, particularly where data or information is derived from sources other than the Highlands Council. The Highlands Council cannot be responsible for the misuse or misinterpretation of the information presented herein. Therefore, under no circumstances shall the State of New Jersey or specifically, the Highlands Council be liable for any actions taken or omissions made from reliance on any information contained herein from whatever source nor shall the State be liable for any other consequences from any such reliance. Additional sources of information may have been used to collect the GIS digital data, but this secondary product has not been verified by those sources.

MAP 4 - TOWNSHIP OF TEWKSBURY
COMPOSITE ZONING

Wastewater Management Plan
Tewksbury Township, Hunterdon County, New Jersey
December 21, 2018

Highlands Council
New Jersey



Legend

- WMP Area - Tewksbury Township
- Highlands Boundary
- Highlands Preservation/ Planning Area line
- Municipal Boundaries
- Parcel Boundaries
- Surface Water

Composite Zoning

- Estate Residential
- Industrial
- Institutional
- Low Density Residential
- Medium Density Residential
- Mixed Use
- Office/Commercial
- Resource Residential
- Retail
- Rural Residential

APPENDIX A

Highlands Council Resolution Approving Plan Conformance Petition

RESOLUTION 2011-9

NEW JERSEY HIGHLANDS WATER PROTECTION AND PLANNING COUNCIL APPROVAL OF THE PETITION FOR PLAN CONFORMANCE FOR THE TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY

WHEREAS, **t**he New Jersey Highlands Region (Highlands Region) is an area of over 859,358 acres that consists of 88 municipalities in parts of seven counties – Bergen, Hunterdon, Morris, Passaic, Somerset, Sussex and Warren; and

WHEREAS, the New Jersey Legislature found that the Highlands Region is an essential source of drinking water, providing clean and plentiful drinking water for one-half of the population of the State of New Jersey, and also contains other exceptional natural resources such as clean air, contiguous forest lands, agricultural lands, wetlands, pristine watersheds, and habitat for fauna and flora, as well as sites of historic significance and recreational opportunities; and

WHEREAS, the Legislature found that the Highlands Region also provides a desirable quality of life and place where people live and work, that it is important to ensure the economic viability of Highlands communities and that residential, commercial, and industrial development, redevelopment, and economic growth in certain appropriate areas of the Highlands are also in the best interests of all the citizens of the State, providing innumerable social, cultural, and economic benefits and opportunities; and

WHEREAS, the Legislature found that the Highlands Region contains agricultural lands in active production and that these lands are important resources of the State that should be preserved, that the agricultural industry in the Region is a vital component of the economy, welfare, and cultural landscape of the Garden State and that maintenance of agricultural production and a positive agricultural business climate should be encouraged to the maximum extent possible; and

WHEREAS, the Legislature found that the pace of development in the Highlands Region has dramatically increased, that the Region, because of its proximity to rapidly expanding suburban areas, is at serious risk of being fragmented and consumed by unplanned development and that the existing land use and environmental regulation system cannot protect the water and natural resources of the Highlands against the environmental impacts of sprawl development; and

WHEREAS, deeming protection of the Highlands Region an issue of State level importance, the Legislature enacted the Highlands Water Protection and Planning Act, N.J.S.A. 13:20-1 et seq. (Highlands Act), to establish a regional approach to land use planning for the Highlands Region to replace the uncoordinated land use decisions of 88 municipalities, seven counties and a myriad of private landowners; and

WHEREAS, the Highlands Act delineates two areas in the Highlands Region: a Preservation Area, containing approximately 415,000 acres, and a Planning Area, containing approximately 445,000 acres; and

WHEREAS, the Legislature created a public body corporate and politic with corporate succession known as the Highlands Water Protection and Planning Council (Highlands Council) to advance a new regional approach to land use planning and to prepare a Regional Master Plan to protect and enhance the significant values of the Highlands resources throughout the entire Highlands Region; and

RESOLUTION 2011-9

NEW JERSEY HIGHLANDS WATER PROTECTION AND PLANNING COUNCIL APPROVAL OF THE PETITION FOR PLAN CONFORMANCE FOR THE TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY

WHEREAS, the Preservation Area is an area with exceptional natural resource value that should be subject to stringent water and natural resource protection standards, policies, planning and regulation; and

WHEREAS, the Planning Area is the area outside of the Preservation Area that should likewise be part of a comprehensive planning approach that serves to protect the water and other significant resources of the entire Highlands Region while also accommodating appropriate patterns of development, redevelopment and economic growth; and

WHEREAS, the Legislature found that such a new regional approach to land use planning shall be complemented by increased standards more protective of the environment established by the New Jersey Department of Environmental Protection (NJDEP) for development in the Preservation Area of the Highlands; and

WHEREAS, the Legislature found that this comprehensive approach should be guided, in heart, mind, and spirit, by an abiding and generously given commitment to protecting the incomparable water resources and natural beauty of the New Jersey Highlands so as to preserve them intact, in trust, forever for the pleasure, enjoyment, and use of future generations while also providing every conceivable opportunity for appropriate economic growth and development to advance the quality of life of the residents of the Highlands Region and the entire State; and

WHEREAS, Sections 8 and 10 of the Highlands Act mandate that the Highlands Council prepare and adopt the Regional Master Plan with the goal of protecting and enhancing the significant values of the resources in the Highlands Region; and

WHEREAS, Section 10 of the Highlands Act establishes goals for the Regional Master Plan for both the Preservation Area and Planning Area, including to protect, restore, and enhance the quality and quantity of the waters of the Highlands, to preserve environmentally sensitive lands, to preserve lands needed for recreation and conservation, to promote brownfield remediation and redevelopment, to preserve farmland, historic sites and other historic resources, to preserve outdoor recreation opportunities, to promote water resource conservation, and to promote compatible agricultural, horticultural, recreational, and cultural uses and opportunities; and

WHEREAS, the Highlands Act establishes development goals in the Preservation Area, to prohibit or limit, to the maximum extent possible, construction or development which is incompatible with the Preservation Area; and

WHEREAS, the Highlands Act establishes development goals in the Planning Area, to encourage, consistent with the State Development and Redevelopment Plan and smart growth strategies and principles, appropriate patterns of compatible residential, commercial, and industrial development, redevelopment, and economic growth, in or adjacent to areas already utilized for such purposes, and to discourage piecemeal, scattered, and inappropriate development, in order to accommodate local and regional growth and economic development in an orderly way while protecting the Highlands environment from individual and cumulative adverse impacts; and

RESOLUTION 2011-9

NEW JERSEY HIGHLANDS WATER PROTECTION AND PLANNING COUNCIL APPROVAL OF THE PETITION FOR PLAN CONFORMANCE FOR THE TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY

WHEREAS, Sections 11 and 12 of the Highlands Act specifically require that the Regional Master Plan be comprised of (a) a Resource Assessment that seeks to determine the amount and type of human development and activity that can be sustained by the Highlands Region's ecosystem while maintaining the Region's overall ecological values; (b) a Financial Component that details the costs of implementing the Regional Master Plan, and details the sources of revenue for covering those costs; (c) a Local Participation Component that provides for the maximum feasible local government and public input; (d) a Coordination and Consistency Component that details the ways in which local, State, and federal programs and policies may be best coordinated to promote the goals, purposes, policies, and provisions of the Regional Master Plan; (e) a Transportation Component that provides a plan for transportation system preservation; (f) a Smart Growth Component that assesses opportunities for appropriate development, redevelopment, economic growth and a transfer of development rights program, and includes a Land Use Capability Map; (g) a Land Use Capability Map for the Preservation Area and a comprehensive statement of policies for the development and use of land in the Preservation Area; and (h) a statement of policies, including a preservation zone element that identifies zones within the Preservation Area where development shall not occur in order to protect water resources and environmentally sensitive lands and which shall be permanently preserved through use of a variety of tools, including but not limited to land acquisition and the transfer of development rights and minimum standards governing municipal and county master planning and development regulations; and

WHEREAS, after a careful analysis of the best available scientific and planning data and consultation with State, federal and local agencies pursuant to the Highlands Act, the Highlands Council adopted Resolution 2008-27 approving the Regional Master Plan on July 17, 2008 and, pursuant to the Highlands Act requirement for gubernatorial review, the Regional Master Plan thereafter became effective on September 8, 2008; and

WHEREAS, the Highlands Act creates a bifurcated system for municipal conformance with the Regional Master Plan – mandatory Plan Conformance for any portion of a municipality located wholly or partially in the Preservation Area and voluntary Plan Conformance for the municipalities with lands wholly in the Planning Area or for any portion of a municipality lying within the Planning Area; and

WHEREAS, Section 14 of the Highlands Act expressly requires mandatory Plan Conformance where municipalities, located wholly or partially in the Preservation Area, must revise and conform their local master plan and development regulations, as they relate to development and use of land in the Preservation Area, with the goals, requirements and provisions of the Regional Master Plan within 15 months of adoption thereof, or December 8, 2009; and

WHEREAS, Section 15 of the Highlands Act provides for voluntary Plan Conformance where any municipality located wholly or partially in the Planning Area may voluntarily revise and conform their local master plans and development regulations, as they relate to the development and use of land in the Planning Area, with the goals, requirements and provisions of the Regional Master Plan at any time; and

RESOLUTION 2011-9

NEW JERSEY HIGHLANDS WATER PROTECTION AND PLANNING COUNCIL APPROVAL OF THE PETITION FOR PLAN CONFORMANCE FOR THE TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY

WHEREAS, pursuant to Sections 14 and 15 of the Highlands Act, the Highlands Council shall approve, reject, or approve with conditions the revised plan and development regulations, as it deems appropriate, after public hearing, within 60 days after the date of submission thereof; and

WHEREAS, the Highlands Act provides that an approval of a Petition for Plan Conformance entitles the conforming municipality with specific benefits including: planning grants, technical assistance, state aid, priority for projects, tax stabilization funds, a strong presumption of validity and extraordinary deference in the event of legal challenge, and legal representation; and

WHEREAS, the Highlands Council approval of Resolution 2008-27 adopting the Regional Master Plan included the adoption of the Highlands Plan Conformance Guidelines that outlines the procedures, schedule, planning assistance, and benefits available for the submission of a Petition for Plan Conformance; and

WHEREAS, the Plan Conformance Guidelines provides a process for Basic Plan Conformance requiring the submission of plans and regulations that are immediately necessary to ensure protection of the Highlands resources and resource areas with more complex tasks to be completed in accordance with an Implementation Plan and Schedule as a condition of Plan Conformance; and

WHEREAS, Section 18 of the Highlands Act obligates the Highlands Council to establish a grant funding program to reimburse municipalities for reasonable expenses associated with Plan Conformance; and

WHEREAS, on December 18, 2008, the Highlands Council approved Resolution 2008-73 to provide grant funding for the Highlands municipalities to cover the reasonable expenses associated with revisions to master plans, development regulations or other regulations to conform them to the Regional Master Plan; and

WHEREAS, under Resolution 2008-73, the Highlands Council authorized the Executive Director to develop and implement a process for the solicitation and distribution of the Plan Conformance Grants in a total amount not to exceed $7.5 million and up to $100,000 allocation for each individual municipality for Basic Plan Conformance; and

WHEREAS, the Bylaws of the Highlands Council authorizes the Executive Director, as chief administrative officer, to approve contracts and issue payments up to $25,000; and

WHEREAS, as directed, the Executive Director developed the Plan Conformance Grant Program, a program that splits Plan Conformance into the following seven steps or modules for administering the authorized grant funding: (1) and (2) Highlands municipal build-out analysis and report; (3) housing element and fair share plan; (4) Highlands environmental resource inventory; (5) master plan Highlands element; (6) Highlands Area land use ordinance; and (7) municipal Petition for Plan Conformance; and

WHEREAS, in the Township of Tewksbury 13,469 acres are in the Preservation Area and 6,857 acres are in the Planning Area; and

RESOLUTION 2011-9

NEW JERSEY HIGHLANDS WATER PROTECTION AND PLANNING COUNCIL APPROVAL OF THE PETITION FOR PLAN CONFORMANCE FOR THE TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY

WHEREAS, on December 8, 2009, the Township of Tewksbury submitted a Petition for Plan Conformance including two resolutions; one for all lands lying in the Preservation Area and one for all lands lying in the Planning Area; and

WHEREAS, on March 31, 2010, the Executive Director deemed the Petition for Plan Conformance administratively complete, and on April 9, 2010, posted the Petition documents on the Highlands Council website and thereafter commenced staff review of the Petition for consistency with the Regional Master Plan; and

WHEREAS, on August 27, 2010, the Executive Director provided the Township of Tewksbury with a Draft Consistency Review and Recommendations Report, which provides the staff's assessment of the Petition for Plan Conformance, the level of conformance with the Regional Master Plan, and recommendations for any further actions necessary for Plan Conformance; and

WHEREAS, the Executive Director provided the Township of Tewksbury with a deliberative municipal response period allowing the Township of Tewksbury to review and respond to the Draft Consistency Review and Recommendations Report; and

WHEREAS, on January 20, 2011, the Executive Director completed the Final Draft Consistency Review and Recommendations Report, and posted a Public Notice, the Final Draft Consistency Review and Recommendations Report, and the complete Petition documents on the Highlands Council website for a public review and comment period with written comments due on or before February 4, 2011; and

WHEREAS, on February 10, 2011, the Executive Director posted the Final Consistency Review and Recommendations Report and Highlands Implementation Plan and Schedule on the Highlands Council website which addressed issues raised during the public comment period; and

WHEREAS, on February 17, 2011, the Highlands Council held a public hearing on the Township of Tewksbury's Petition for Plan Conformance and provided an opportunity for public comment; and

WHEREAS, the Highlands Council accepts the recommendation of the Executive Director as stated in the Final Consistency Review and Recommendations Report; and

WHEREAS, according to the Highlands Act and the Plan Conformance Guidelines, the Township of Tewksbury's compliance with an approved Final Consistency Review and Recommendations Report, the Highlands Implementation Plan and Schedule, the Highlands Plan Conformance Guidelines and the Highlands Act shall maintain the Township of Tewksbury's status as conforming to the Regional Master Plan and all statutory benefits associated with Plan Conformance; and

WHEREAS, the Plan Conformance Guidelines recognizes that conformance in the Planning Area is voluntary under the Highlands Act and provides that the period of an approval of a Petition for Plan Conformance shall be for a period of no more than six (6) years, or until six (6) months after

RESOLUTION 2011-9

NEW JERSEY HIGHLANDS WATER PROTECTION AND PLANNING COUNCIL APPROVAL OF THE PETITION FOR PLAN CONFORMANCE FOR THE TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY

the completion of a reexamination by the Township of Tewksbury of its master plan and development regulations as required by the Municipal Land Use Law, or until one (1) year after the Highlands Council adopts its six-year reexamination of the Regional Master Plan, whichever time period is the shorter; the six (6) month and one (1) year periods provided herein allowing time for the submittal and processing of petitions for a re-examination of Plan Conformance before the Highlands Council; and

WHEREAS, the Plan Conformance Guidelines provides that no amendment to any master plan or development regulations applicable to the development and use of land in the Township of Tewksbury shall be effective until the Township of Tewksbury has submitted such amendment to the Highlands Council and such amendment has been found by the Council to be in conformance with the Regional Master Plan, or the Executive Director has notified the Township of Tewksbury that such amendment does not affect the Highlands Council's prior finding of Plan Conformance; and

WHEREAS, the Plan Conformance Guidelines provides that following the receipt of any amendment to the Township of Tewksbury's master plan or development regulations, the Executive Director is required to determine whether or not the amendment raises a substantive issue with respect to the conformance of the municipal master plan or development regulations with the Regional Master Plan, and

WHEREAS, the Plan Conformance Guidelines provides that if the Executive Director determines no such substantive issue is raised with respect to an amendment, the Executive Director shall certify such fact and notify the Clerk of the Township of Tewksbury and the Highlands Council, and shall provide notice on the Highlands Council website, and such amendment shall thereupon take effect in accordance with its terms and applicable law; and

WHEREAS, the Plan Conformance Guidelines provides that if the Executive Director determines that an amendment raises a substantive issue with respect to the conformance of the municipal master plan or development regulations to the Regional Master Plan, the amended municipal master plan or development regulations shall be reviewed in accordance with the Plan Conformance Guidelines; and

WHEREAS, pursuant to N.J.S.A. 13:20-5.j, no action authorized by the Highlands Council shall have force or effect until ten (10) days, Saturdays, Sundays and public holidays excepted, after a copy of the minutes of the meeting of the Council has been delivered to the Governor for review, unless prior to expiration of the review period the Governor shall approve same, in which case the action shall become effective upon such approval.

NOW, THEREFORE, BE IT RESOLVED that the Highlands Council hereby approves the Township of Tewksbury's Petition for Plan Conformance with conditions as set forth in the Final Consistency Review and Recommendations Report and the Highlands Implementation Plan and Schedule; and

RESOLUTION 2011-9

NEW JERSEY HIGHLANDS WATER PROTECTION AND PLANNING COUNCIL APPROVAL OF THE PETITION FOR PLAN CONFORMANCE FOR THE TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY

BE IT FURTHER RESOLVED that the Executive Director is authorized to make any amendments and publicly release the Final Consistency Review and Recommendations Report, Highlands Implementation Plan and Schedule, and amend the Plan Conformance Grant Agreement consistent with direction from the Highlands Council, to properly effectuate the intent of the Council and thereafter execute the Report, Schedule and Agreement on behalf of the Council; and

BE IT FURTHER RESOLVED, that the Township of Tewksbury is hereby entitled to the statutory benefits associated with Plan Conformance as detailed in the Highlands Act, the Regional Master Plan and the Plan Conformance Guidelines, so long as the Township of Tewksbury remains in conformance with the Regional Master Plan and to the extent such funds are made available by the State; and

BE IT FURTHER RESOLVED, the Executive Director is authorized, consistent with direction from the Council, to oversee and monitor the Township of Tewksbury's compliance with this Resolution and to take any and all action necessary in coordination with the Highlands Council.

CERTIFICATION

I hereby certify that the foregoing Resolution was adopted by the Highlands Council at its regular meeting held on the 17th day of February, 2011.

Jack J. Schrier, Acting Chairman

Vote on the Approval of this Resolution	Motion	Second	Yes	No	Abstain	Absent
Councilmember Alstede			✓			
Councilmember Carluccio						✓
Councilmember Cogger			✓			
Councilmember Francis			✓			
Councilmember Holtaway		✓	✓			
Councilmember Kovach						✓
Councilmember Letts			✓			
Councilmember Richko			✓			
Councilmember Vetrano						✓
Councilmember Visioli	✓		✓			
Acting Chairman Schrier			✓			

APPENDIX B

Highlands Council Final Consistency Review and Recommendations Report

State of New Jersey
Highlands Water Protection and Planning Council
100 North Road (Route 513)
Chester, New Jersey 07930-2322
(908) 879-6737
(908) 879-4205 (fax)
www.highlands.state.nj.us

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

JACK J. SCHRIER
Acting Chairman

EILEEN SWAN
Executive Director

INCORPORATED BY REFERENCE INTO HIGHLANDS COUNCIL RESOLUTION 2011-9
ADOPTED FEBRUARY 17, 2011

FINAL CONSISTENCY REVIEW AND RECOMMENDATIONS REPORT

PETITION FOR PLAN CONFORMANCE: TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY

Prepared by the State of New Jersey Highlands Water Protection and Planning Council in Support of the Highlands Regional Master Plan

FEBRUARY 9, 2011

INTRODUCTION

This Final Consistency Review and Recommendations Report ("Report") has been prepared by the Staff of the Highlands Water Protection and Planning Council ("Highlands Council"). It provides review and recommendations for consideration by the Highlands Council as to the consistency of the Petition for Plan Conformance of the Township of Tewksbury, with the Highlands Regional Master Plan (RMP). The Report provides review and discussion of each component of the Petition for Plan Conformance, in the order in which they are set forth under submission guidelines provided to municipalities by the Highlands Council. It begins with a brief summary of Staff findings, displayed in a table format, to provide an at-a-glance overview of the results of Staff review.

REPORT SUMMARY

Municipality: Township of Tewksbury

Date of Petition Submission: December 10, 2009

Date Deemed Complete: March, 31, 2010

Conformance Area: Planning Area & Preservation Area

Staff Recommendation: Approve Petition with Conditions

Administrative Submittals	Meets Requirements	Conditions of Approval
1. Resolution or Ordinance	X	None
2. Record of Public Involvement	X	None
3. List of Current Planning and Regulatory Documents	X	
4. Other	N/A	

Petition Components	Consistent	Conditions of Approval
1. Modules 1-2 Build-Out Report*	X	None
2. Module 3 Housing Element/Plan	X	See Section D.1
3. Module 4 ERI	X	See Section D.1
4. Module 5 Highlands Element	X	Follow-Up Required per Section B.4; D.1
5. Module 6 Land Use Ordinance	X	Follow-Up Required per Section B.5; D.1
6. Module 7 Petition		
a. Self-Assessment Report	X	None
b. Implementation Plan/Schedule	X	Follow-Up Required per Section B.6; D.1
7. Other	N/A	N/A

*Completed by the Highlands Council in collaboration with the municipality prior to substantive review of the Petition.

Optional Submission Items	Submission Date	Status/Recommendation
1. RMP Updates	3/15/10	Processed. See Section C.1
2. Map Adjustments	N/A	N/A
3. Center Designation Requests	N/A	N/A
4. Highlands Redevelopment Area Designation Requests	N/A	N/A
5. Other	N/A	N/A

A. REVIEW OF ADMINISTRATIVE SUBMITTALS

1. **Resolution or Ordinance.** Two Resolutions petitioning the Highlands Council for Plan Conformance were adopted by the municipal Governing Body at its noticed public meeting of December 8, 2009; one for each, the Preservation Area and the Planning Area. The documents submitted are appropriately signed and certified by the Municipal Clerk to verify authenticity. The language of the Resolutions relies upon the models provided by the Highlands Council. The Resolutions clearly petition the Highlands Council for Plan Conformance; conformance being proposed with respect to municipal lands located in both the Preservation Area (13,469 acres) and the Planning Area (6,857 acres) of the municipality.

2. **Record of Public Involvement.** The Petition includes appropriate documentation of the public process engaged in by the municipality with regard to the development of Petition materials and adoption of the Resolutions petitioning the Highlands Council for Plan Conformance. The submission includes the following:

   a. Copies of public meeting notices for meetings of the Land Use Board held on September 23, 2009 and November 18, 2009 to discuss Plan Conformance and/or Petition components.

   b. Copies of meeting agendas and adopted meeting minutes associated with such Land Use Board meetings.

   c. Adopted Resolutions as noted above, indicating discussion of Plan Conformance issues at the December 8, 2009 public meeting of the Governing Body.

3. **List of Current Planning Documents.** The list of current municipal planning and regulatory documents is comprehensive. All required documents are available in the offices of the Highlands Council in Adobe pdf format. A copy of the updated ordinance is available online at the Township's website http://www.tewksburytwp.net and therefore did not need to be submitted.

B. REVIEW OF PLAN CONFORMANCE PETITION COMPONENTS

1. **Highlands Municipal Build-Out Report (Modules 1-2).** Consistent. The Highlands Municipal Build-Out Report was completed by the Highlands Council in collaboration with the municipality prior to a finding of Administrative Completeness of the Petition. The Build-Out Report was updated since first issued to the municipality based upon information provided at a later date. The date of the Highlands Municipal Build-Out Report is August 2009.

2. **Housing Element & Fair Share Plan (Module 3).** Both the RMP and Highlands Council instructions concerning submission of Master Plan Housing Elements and Fair Share Plans, sought municipal participation in a three-step process, intended to culminate in the submission of fully developed affordable housing plans to both the Highlands Council and the Council on Affordable Housing (COAH) (or alternatively the Highlands Council and the Superior Court). This process was designed to assist municipalities in developing plans to address fair share housing obligations that are consistent with the RMP. For most Highlands municipalities, the deadline for submission to COAH was extended to June 8, 2010. The extended time allowance was intended to provide for completion of Highlands Municipal Build-Out Reports (see Modules 1-2, above) and incorporation of resulting information into fully developed affordable housing plans in accordance with Executive Order #114 (2008) and COAH's *Guidance for Highlands Municipalities that Conform to the Highlands Regional Master Plan*. This process also allows for Highlands Council review of as yet unconstructed projects in municipal housing plans, for consistency with the RMP.

   The Township of Tewksbury provided all components required by the Highlands Council. The first submission was included as requested within the municipality's Petition for Plan Conformance, while the remaining items were provided in sufficient time to provide comments to the Township. Review of the final Housing Element and Fair Share Plan submission, adopted by the Land Use Board on June 2, 1010 follows. These findings constitute a preliminary analysis of the Housing Element and Fair Share Plan by the Highlands Council. Formal review will be conducted by COAH. The final Housing Element and Fair Share Plan appear to address the municipality's Fair Share Obligation. As to consistency with the requirements of the RMP, the Plan is satisfactory. Certain projects will require further information as planning progresses.

   a. **Summary of Municipal Obligation.** The Municipal Obligation appeared to be correctly calculated and included the components listed below.

      i. **Rehabilitation Share:** None

      ii. **Prior Round Obligation:** 119 units

      iii. **Growth Share Obligation:** 85 units

b. Municipal Growth Projections. Municipal Growth Projections, used to determine the Growth Share Obligation (above) were correctly indicated in the COAH Workbook D form or other submittals provided by the municipality. The final figures are listed below. Note: Highlands Full Build-Out Projections apply in the case of conformance for the full municipality (i.e., for split municipalities, including both the Planning and Preservation Area) in accordance with COAH's instructional document, *Guidance for Highlands Municipalities that Conform to the Highlands Regional Master Plan*; COAH Growth Projections apply in all cases where the municipality is not petitioning for conformance for the whole of the municipality, until or unless modified by COAH consistent with the Guidance or as applicable, the Superior Court. The municipality's Housing Element relies upon Highlands Full Build-Out Projections.

i. **Highlands Full Build-Out Projections**

- Residential Growth (housing units): 412
- Non-Residential Growth (jobs): 40
- Total Growth Share, after exclusions (units): 85

ii. **COAH Growth Projections Through 2018**

- Residential Growth (housing units): 308
- Non-Residential Growth (jobs): 651
- Total Growth Share, after exclusions (units): 102

c. Summary of Proposed Fair Share Plan. The Fair Share Plan proposes to address the municipal obligation by use of the mechanisms and/or development projects listed below. Where Affordable Housing Sites were included that have not yet been constructed, each was reviewed for consistency with the RMP using the on-line Highlands Council RMP Consistency Review Report tool. In this case, 3 Affordable Housing Sites were proposed. A brief summary of the results for each, is included below.

- **Rehabilitation Program:** None.
- **Prior Round Sites/Mechanisms**

1. Norwescap – 15 units and 5 bonus credits.
2. United Cerebral Palsy Group Home – 18 units and 18 bonus credits (completed).
3. Accessory Apartments – 6 units (completed).

4. Delvanthal-Barnstable Inclusionary Development (rental) – 30 Market Rate unit, 3 affordable units and 3 bonus credits (completed).
5. Peapack Gladstone Bank – 1 unit and 1 bonus credit (completed).
6. Crossroads at Oldwick Rentals – 2 units and 2 bonus credits.
7. RCA with Perth Amboy – 45 units (completed).

Anticipated Total Prior Round Credits: 119.

- **Growth Share Sites/Mechanisms**

1. Bartles House Affordable Apartments – 3 units and 3 Bonus credits (completed).
2. Accessory Apartment Program – 19 units (completed).
3. Accessory Apartment Program – 25 units. (One of these units not required, upon Plan Conformance for Planning Area.)
4. Bartles Housing Project – 5 units. (Units not required upon Plan Conformance for Planning Area.)
5. Supportive and Special Needs Housing – 10 units. Future sites to be identified.
6. Municipally sponsored program – 11 units. Future sites to be identified. (Units not required upon Plan Conformance for Planning Area.)
7. RCA with Perth Amboy – 26 units (completed)

Anticipated Total Growth Share Credits: 102.

ii. **Issues/Concerns & Recommendations.**

- The Accessory Apartment program will include lots serviced by septic systems and domestic wells, however, the exact location of the units is not known at this time. To be consistent with the RMP any accessory apartments to be serviced by septic systems will have to meet the nitrate dilution standards in the Land Use Capability Zone in which they will be located.

- The Township's Fair Share Plan includes three projects with sites noted as to be identified. The Implementation Plan and Schedule submitted to COAH as part of the Fair Share Plan for these sites should note that the sites will need to be reviewed for consistency with the RMP upon identification.

- Goals and objectives sufficient to ensure consistency with the goals and objectives of the Regional Master Plan have been included in the adopted Housing Element and Fair Share Plan and the Highlands Master Plan Element.

3. **Environmental Resource Inventory (Module 4).** The proposed Township of Tewksbury Highlands Environmental Resource Inventory (ERI) is based on the Highlands Model ERI provided to municipalities by the Highlands Council. The document has undergone previous revisions under a collaborative process between the municipality and the Highlands Council to address and incorporate the input and concerns of all parties. The Township of Tewksbury Highlands ERI, as now proposed, contains all required Highlands ERI language and all applicable maps/exhibits, as necessary, to fully describe the Highlands Resources, Resource Areas, and Special Protection Areas located within the municipality. As such, the Highlands ERI is consistent with the RMP and the immediate mandatory requirements of Plan Conformance.

    a. **Deleted Sections.** The following sections of the model Highlands ERI are not relevant to the municipality and have thus been deleted from the municipal submission:

        i. Special Environmental Zone;

        ii. Lake Management Area.

    b. **Recommendations to Complete.** None

4. **Master Plan Highlands Element (Module 5).** The proposed Township of Tewksbury Master Plan Highlands Element is based on the model Highlands Element provided to municipalities by the Highlands Council. The document as now proposed (inclusive of edits provided by the Highlands Council), contains all required Highlands Element language and all applicable maps/exhibits, as necessary, to fully address the immediate mandatory requirements of Plan Conformance.

    The specific components of the model Highlands Element are listed below. Where each is consistent with the Highlands Council model or otherwise satisfactorily addresses all RMP requirements for Basic Plan Conformance, the heading or sub-heading indicates "Consistent." Where any section of the model Highlands Element has been appropriately deleted due to non-applicability, the heading or sub-heading indicates "Not Applicable – Deleted." Where minor modifications are required to complete the document for purposes of adoption by the Planning Board, the heading or sub-heading indicates, "Minor Modifications Required for Completion." If needed, explanatory discussion is provided.

    a. **Introduction.** Consistent.

    b. **Policies, Goals & Objectives.** Consistent

i. Preservation Area Goals. Consistent

ii. Planning Area Goals. Consistent

iii. Tewksbury Township Goals. Consistent. The Township addition of its own Master Plan goals and objectives is consistent with all requirements for Plan Conformance.

iv. General Purposes of Zoning. Consistent

v. Relationship Between Highlands Act & MLUL. Consistent

c. Land Use Plan Element. Consistent

i. Highlands Zones and Sub-Zones. Consistent. (Note Wildlife Management Zone and Lake Community Sub-Zone not applicable – deleted.)

ii. Land Uses. Consistent

iii. Density and Intensity of Development. Consistent

iv. Cluster Development. Consistent

v. Land Use Inventory. Consistent

vi. Redevelopment Planning. Consistent

d. Housing Plan Element. Consistent

e. Conservation Plan Element. Consistent

i. Forest Resources. Consistent

ii. Highlands Open Waters and Riparian Areas. Consistent

iii. Steep Slopes. Consistent

iv. Critical Habitat. Consistent

v. Carbonate Rock. Consistent

vi. Lake Management. Not Applicable – Deleted

vii. Water Resources Availability. Consistent

viii. Prime Ground Water Recharge Areas. Consistent

ix. Water Quality. Consistent

x. Wellhead Protection. Consistent

xi. Low Impact Development. Consistent

f. Utility Services Plan Element. Consistent

i. Preservation Area. Consistent

ii. Planning Area. Consistent

iii. Planning & Preservation Areas. Consistent

g. Circulation Plan Element. Consistent

h. Land Preservation/Stewardship Plan Element. Consistent.

i. Agriculture Retention/Farmland Preservation Plan Element. Consistent

j. Community Facilities Plan Element. Consistent

k. Sustainable Economic Development Plan Element. Consistent

l. Historic Preservation Plan Element. Consistent

i. Historic, Cultural, and Archaeological Resources. Consistent.

ii. Scenic Resources. Consistent

m. Development Transfer Plan Element. Inclusion of this Section is optional and the municipality has elected not to incorporate it.

n. Relationship of Master Plan to Other Plans. Consistent

o. Exhibits. Consistent. The list of Exhibits includes all that apply to the municipality. The applicable Exhibits are attached to the pdf copy of the Highlands Element.

5. Highlands Area Land Use Ordinance (Module 6). The proposed Township of Tewksbury Highlands Area Land Use Ordinance is based on the model Highlands Area Land Use Ordinance provided to municipalities by the Highlands Council. Since the time of issuance of the Model however, the Highlands Council, with input from municipal professionals, has made certain revisions to the document to refine and simplify it for purposes of municipal implementation. The Township of Tewksbury Highlands Area Land Use Ordinance as now proposed (including the modifications provided by the Highlands Council), contains all required Highlands Area Land Use Ordinance language, as necessary to fully address the immediate mandatory requirements of Plan Conformance. As to maps/exhibits, please see #5m, below.

The specific components of the model Highlands Land Use Ordinance are listed below. Where each is consistent with the Highlands Council model or otherwise satisfactorily addresses all RMP requirements for Basic Plan Conformance, the heading or sub-heading indicates "Consistent." Where any section of the model Highlands Land Use Ordinance has been appropriately deleted due to non-applicability, the heading or sub-heading indicates "Not Applicable – Deleted." Where minor modifications are required to complete the

document for purposes of adoption, the heading or sub-heading indicates, "Minor Modifications Required for Completion." If needed, explanatory discussion is provided.

a. **Article 1. Title, Purpose, Scope.** Consistent. The municipality will address/incorporate the minor modifications made by the Highlands Council. Please see revised document text.

b. **Article 2. Applicability.** Consistent. The municipality will address/incorporate the minor modifications made by the Highlands Council. Please see revised document text.

c. **Article 3. Definitions.** Consistent. The municipality will address/incorporate the minor modifications made by the Highlands Council. Please see revised document text.

d. **Article 4. Establishment of Highlands Area Districts.** Consistent. The municipality will address/incorporate the modifications made by the Highlands Council, inclusive of new map titles at Section 4.4. Please see revised document text.(Note: Wildlife Management Sub-Zone, Lake Community Sub-Zone, Lake Management Area, and Highlands Special Environmental Zone are not applicable to the municipality and have been deleted.)

e. **Article 5. Highlands Area Zone District Regulations.** Consistent, however minor modifications are required to complete the document (see highlighted text). The municipality will address/incorporate review the modifications made to the section by the Highlands Council. Please see revised document text.

f. **Article 6. Highlands Area Resource Regulations.** Consistent

    i. Forest Resources. Consistent

    ii. Highlands Open Waters & Riparian Resources. Consistent, however minor modifications required to complete: Section 6.2.5.D and E - insert references, if applicable.

    iii. Steep Slopes. Consistent

    iv. Critical Habitat. Consistent

    v. Carbonate Rock. Consistent

    vi. Lake Management Area. Not Applicable – Deleted

    vii. Water Conservation & Deficit Mitigation. Consistent

    viii. Prime Ground Water Recharge Areas. Consistent

ix. Wellhead Protection. Consistent, however minor modifications are required to complete: Section 6.9.3.E.2 - insert citation, if applicable.

x. Agricultural Resources. Consistent, however minor modifications are required to complete: Section 6.10.3.A – establish municipal standards or provide reference to existing municipal ordinances that apply, if any.

xi. Historic, Cultural & Archaeological Resources. Optional – Deleted. The municipality has elected not to regulate Historic, Cultural & Archaeological Resources under the Highlands Area Land Use Ordinance at this time. The section may be restored at a later date, however, at the discretion of the municipality.

xii. Scenic Resources. Consistent

g. Article 7. Highlands Area General Regulations. Consistent

i. Affordable Housing. Consistent

ii. Low Impact Development. Consistent

iii. Conservation Restrictions. Consistent. The municipality will address/incorporate the modifications made by the Highlands Council. Please see revised document text.

iv. Stormwater Management. Consistent

v. Special Environmental Zone. Not Applicable – Deleted

vi. Septic System Design and Maintenance. Consistent

vii. Public Water Systems. Consistent

viii. Wastewater Collection and Treatment Systems. Consistent

h. Article 8. Planned Development Regulations. Consistent

i. Article 9. Application Review Procedures & Requirements. Consistent as submitted, however modifications are required to complete the section prior to ordinance adoption (please see highlighted areas). In addition, the municipality will address/incorporate the modifications made by the Highlands Council. Please see revised document text.

j. Article 10. Appeals, Waivers, Exceptions. Consistent. The municipality will address/incorporate the modifications made by the Highlands Council. Please see revised document text

k. **Article 11. Enforcement, Violations, Penalties.** Consistent, however minor modification is required to complete: please insert the municipal code reference in Section 11.4.

l. **Appendices.** Consistent**.**

m. **Exhibits.** The Exhibits, including the List of Exhibits and all in-text document references to Exhibits have been updated by the Highlands Council to include Highlands Council parcel-based maps, which indicate the locations and boundaries of each Highlands Area, Zone, Resource, Resource Area, and Special Protection Area. These Exhibits were not available when the Model Land Use Ordinance was initially provided by the Highlands Council for use in preparing Petitions, but are crucial to the regulatory function of the Highlands Area Land Use Ordinance. Please note that the revised maps have been provided in Adobe® pdf format, and in this case, should not be converted for insertion directly in the MSWord® version of the Ordinance. After adoption, they should accompany the Ordinance at all times, however, as an integral component of it – whether made available to the public in paper or electronic format. As provided currently, the maps are at a scale suited to printing on large plotters, for purposes of municipal reproduction and display (ensuring high-resolution detail).

Please note that Exhibit 2 and Exhibit 9 have been updated since first provided to the municipality (August 2010), to update the Total Forest data layer and to remove historic resources, in keeping with the municipal decision not to regulate these resources through the Highlands Area Land Use Ordinance at this time.

6. Petition Submission Documents (Module 7).

a. **Municipal Self-Assessment Report.** The Municipal Self-Assessment Report consists of two components as listed herein. The Report accurately describes the status of municipal Plan Conformance to date, indicating both municipal accomplishments and the items that remain to be completed to achieve Full Plan Conformance.

i. **Narrative Portion.** The Narrative Portion has been completed accurately for purposes of Basic Plan Conformance.

ii. **Spreadsheet Portion.** The Spreadsheet Portion has been completed accurately

b. **Highlands Implementation Plan & Schedule.** The Highlands Implementation Plan and Schedule provides a template for future Plan Conformance activities. It is intended to indicate all outstanding items, both required and discretionary, along with estimated costs and timeframes for completion, for the municipality to achieve or exceed Full Plan Conformance with the Regional Master Plan. As proposed by

the municipality, the Highlands Implementation Plan and Schedule included all mandatory components required to achieve full Plan Conformance and incorporated realistic time estimates associated with each mandatory element. The Highlands Implementation Plan and Schedule has been modified since first issued by the Highlands Council however, and the municipality's document has been updated accordingly. The revised document includes cost estimates for each activity and prioritizes implementation tasks with a particular focus on the first few months after Highlands Council approval of Petitions, including the 2011 State fiscal year. Please see the revised document; recommended edits tailoring it to the municipality are provided.

C. REVIEW OF OPTIONAL SUBMISSION COMPONENTS

1. **RMP Updates.** The Petition for Plan Conformance was accompanied by requests for RMP Updates. These requests are listed and described in the attachments at Appendix A. The RMP Updates have been processed as follows:

   a. Preserved Lands & Preserved Farms. Highlands Council data has been updated in accordance with the materials submitted by the Township. Revised maps to be incorporated in the Highlands ERI and Master Plan Highlands Element will be provided to the municipality prior to the required adoption of these documents.

   b. Rockaway Historic District (ID#3811) Discrepancy. Although the Township is correct that the district is not currently on a State or National Register, it is correctly included in the Master Plan Highlands Element due to the Highlands Council's criteria for listing in the Highlands Historic & Cultural Resources Inventory, as follows:

   "The Historic and Cultural Resources Inventory includes: 1) all properties listed on the State or National Register of Historic Places; 2) all properties which have been deemed eligible for listing on the State or National Register; and 3) all properties for which a formal SHPO opinion has been issued. A SHPO opinion is an evaluation of eligibility prepared when a federally funded activity is expected to have an effect on historic properties not listed on the National Register." (Highlands Council Technical Report, Highlands Historic & Cultural Resources Inventory.)

2. **Map Adjustments.** N/A

3. **Highlands Center Designation Requests.** N/A

4. **Highlands Redevelopment Area Designation Requests.** N/A

5. **Other.** N/A

D. PRELIMINARY RECOMMENDATIONS

On the basis of the comprehensive review completed and discussed in detail as described in the preceding Sections, which examined both sufficiency of administrative submittals and consistency of all substantive materials with the Highlands Regional Master Plan, Highlands Council Staff recommends that the Petition for Plan Conformance of the Township of Tewksbury, as currently proposed by the municipality, be approved with conditions as outlined below.

1. **Approval with Conditions.** Highlands Council Staff recommend that this Petition for Plan Conformance be approved by the Highlands Council. The approval should be conditioned upon satisfactory completion of all items noted within Sections A through C of this Report (including all items addressed in the herein-referenced Highlands Council Staff-provided MSWord "Track-Changes" versions of the various Petition documents), and in addition, satisfaction of the below-listed requirements.

    a. **Adoption of Approved Planning Area Ordinance.** The municipality shall prepare and submit to the Highlands Council a draft municipal ordinance petitioning the Highlands Council for Plan Conformance with respect to the municipality's Planning Area lands (based upon or consistent with the model provided by the Highlands Council). Upon receipt of Highlands Council approval, the Ordinance shall be prepared for purposes of public review and adoption by the municipal Governing Body. The Governing Body shall provide for and complete the adoption process, at the conclusion of which, a certified copy of the adopted Planning Area Petition Ordinance shall be provided to the Highlands Council with notice of its effective date. The process of Ordinance adoption shall be guided by the timeframes set forth in the Highlands Council-approved Highlands Implementation Plan and Schedule. Should this process lead to proposed modifications to any portion of the Ordinance, the proposed changes shall be submitted for review by the Highlands Council prior to adoption by the Governing Body. In the event the Highlands Council determines that any proposed modification is of a substantive nature, Highlands Council approval shall be required prior to adoption at the municipal level.

    b. **Adoption of Approved Checklist Ordinance.** The municipality shall prepare and submit to the Highlands Council a draft "Checklist Ordinance" (model available) requiring that Development Applications be deemed incomplete by the reviewing board or applicable municipal authority, until or unless accompanied by: a) for applications under Highlands Council jurisdiction, a Highlands Council Consistency Determination indicating that the application is consistent, or can and will be made consistent with the Regional Master Plan; or b) an NJDEP Highlands Preservation Area Approval, waiver, or Highlands Applicability Determination indicating non-applicability. Upon receipt of Highlands Council approval, the Ordinance shall be prepared for purposes of public review and adoption by the municipal Governing Body. The Governing Body shall provide for and complete the adoption process, at

the conclusion of which, a certified copy of the adopted Checklist Ordinance shall be provided to the Highlands Council with notice of its effective date. The process of ordinance adoption shall be conducted in accordance with all legal requirements and protocols pursuant to the New Jersey Municipal Land Use Law (N.J.S.A. 40:55D-1 et seq.), and shall be guided by the timeframes set forth in the Highlands Council-approved Highlands Implementation Plan and Schedule. Should this process lead to proposed modifications to any portion of the Checklist Ordinance, the proposed changes shall be submitted for review by the Highlands Council prior to adoption by the Governing Body. In the event the Highlands Council determines that any proposed modification is of a substantive nature, Highlands Council approval shall be required prior to adoption at the municipal level.

Note: The Checklist Ordinance is intended as an interim protection measure only, and should be repealed at the time of adoption of an approved Highlands Area Land Use Ordinance (completion and adoption of which set forth at 1.d., below).

c. Adoption of Approved Highlands ERI. The Highlands Environmental Resource Inventory (ERI) shall be completed in accordance with the requirements of Section B3 of this Report, and submitted to the Highlands Council for final approval. Upon receipt of final Highlands Council approval, the ERI shall be prepared in a clean, final document format for purposes of public review and adoption. A copy shall be provided to the Highlands Council. The municipal Environmental Commission (or Planning Board in the absence of an Environmental Commission) shall provide for and complete the required process of formal adoption of the ERI by the local Commission or Board. At the conclusion of the process, a certified copy of the adopted ERI shall be provided to the Highlands Council. The process of ERI adoption shall be conducted in accordance with all applicable legal requirements and protocols, and shall be guided by the timeframes set forth in the Highlands Council-approved Implementation Plan and Schedule. Should this process lead to proposed modifications to any portion of the ERI, the proposed changes shall be submitted to the Highlands Council for review. In the event the Highlands Council determines that any proposed modification is of a substantive nature, Highlands Council approval shall be required prior to adoption by the local Commission or Board.

d. Adoption of Approved Master Plan Highlands Element. The Master Plan Highlands Element shall be completed in accordance with the requirements of Section B4 of this Report, and submitted to the Highlands Council for final approval. Upon receipt of final Highlands Council approval, the Highlands Element shall be prepared in a clean, final document format for purposes of public review and adoption. A copy shall be provided to the Highlands Council. The municipal Planning Board shall arrange for the required process of scheduling, notice, public hearing, consideration, and formal adoption of the Highlands Element by the municipal Planning Board. At the conclusion of the process, a certified copy of the adopted Highlands Element shall be provided to the Highlands Council. The process of Highlands Element adoption shall be conducted in accordance with all

applicable legal requirements and protocols, and shall be guided by the timeframes set forth in the Highlands Council-approved Implementation Plan and Schedule. Should this process lead to proposed modifications to any portion of the Highlands Element, the proposed changes shall be submitted to the Highlands Council for review. In the event the Highlands Council determines that any proposed modification is of a substantive nature, Highlands Council approval shall be required prior to adoption by the local Planning Board.

e. **Adoption of Approved Highlands Area Land Use Ordinance.** The Highlands Area Land Use Ordinance shall be completed in accordance with the requirements of Section B5 of this Report, and submitted to the Highlands Council for final approval. Upon receipt of final Highlands Council approval, the Highlands Area Land Use Ordinance shall be prepared in a clean, final document format for purposes of public review and adoption. A copy shall be provided to the Highlands Council. After the municipal Planning Board has adopted the Master Plan Highlands Element, the municipal Governing Body shall arrange for the required process of scheduling, notice, public hearing, consideration, and formal adoption of the Highlands Area Land Use Ordinance by the municipal Governing Body. At the conclusion of the process, a certified copy of the adopted Highlands Area Land Use Ordinance shall be provided to the Highlands Council with notice of its effective date. The process of Highlands Area Land Use Ordinance adoption shall be conducted in accordance with all legal requirements and protocols pursuant to the New Jersey Municipal Land Use Law (N.J.S.A. 40:55D-1 et seq.), and shall be guided by the timeframes set forth in the Highlands Council-approved Implementation Plan and Schedule. Should this process lead to proposed modifications to any portion of the Highlands Area Land Use Ordinance, the proposed changes shall be submitted to the Highlands Council for review. In the event the Highlands Council determines that any proposed modification is of a substantive nature, Highlands Council approval shall be required prior to adoption by the Governing Body.

    i. **Municipal Exemption Determinations**. As a component of the Highlands Area Land Use Ordinance, the Township shall provide for "Municipal Exemption Determinations" in accordance with Highlands Council or NJDEP delegation (or both) of such authority to the municipality. Such determinations (detailed within the current draft Ordinance) refer to the process of reviewing and making determinations concerning exemptions from the Highlands Act, which in turn, represent exemptions from the provisions of the Highlands Area Land Use Ordinance. The effective date of such provisions shall occur only after the municipality indicates readiness to proceed and receives written authorization from the Highlands Council or NJDEP, respectively, granting it the authority to do so.

ii. **Highlands Council Information and Training Sessions.** Prior to the effective date of the Highlands Area Land Use Ordinance, municipal representatives (e.g., Land Use Administrators, Zoning Officials, Planners) shall attend information and training session(s) to be provided by the Highlands Council on the implementation and administrative procedures set forth within the Ordinance. Such sessions will provide detailed instruction on application processes and procedures, notice requirements, Highlands Council referrals and call-up provisions, decision-making and formal action, variances, waivers, exceptions, and enforcement activities. Prior to the effective date of the Municipal Exemption Determination provisions, moreover, municipal representatives (in particular, Exemption Designee(s)) shall attend an information and training session on the exercise of Municipal Exemption Determination authority.

f. **Adoption of Updated Zoning Map.** The Township shall prepare an updated Municipal Zoning Ordinance which shall be adopted immediately following or at the time of adoption of the Highlands Area Land Use Ordinance, to reflect the new overlay Highlands Zones and Sub-Zones. The adoption process shall mirror that outlined above for the Highlands Area Land Use Ordinance.

g. **COAH Approval of Housing Element & Fair Share Plan.** The Highlands Council shall be copied on all related correspondence and kept apprised of the process as it unfolds. Any subsequent revision to the Housing Element and Fair Share Plan shall be provided to the Highlands Council for review and approval prior to implementation by the municipality. Until and unless the municipality secures final approval of a Highlands Council-approved (as RMP Consistent) Housing Element and Fair Share Plan, this Plan Conformance component shall remain a conditionally approved item. (In recognition of potential changes in the applicable laws pertaining to the provision of affordable housing in the state of New Jersey, these requirements shall be considered subject to modification, with the intent being only to ensure that the municipality remains in compliance with all applicable statutes, rules, regulations and requirements, at any given time, and maintains consistency with the RMP, so as to protect the municipality from legal challenge.)

h. **Adoption of Ordinances Implementing Fair Share Plan.** Governing Body adoption of Ordinances required to implement the Fair Share Plan shall follow approval of the Housing Element and Fair Share Plan, in accordance with all requirements of the Superior Court or COAH, as applicable, and all legal requirements and protocols pertaining thereto. Plan implementation and continued compliance with the final Court- or COAH-approved Fair Share Plan moreover, shall be a condition of continued Plan Conformance approval, subject to Highlands Council review and monitoring.

i. **Wastewater Management Plan (WMP).** The municipality shall prepare a Wastewater Management Plan working with the Highlands Council under Plan

Conformance, for approval by the NJDEP. This plan will be recognized as a chapter of the Hunterdon County WMP in accordance with NJDEP Administrative Order 2010-03 and all applicable NJDEP rules and requirements. The current NJDEP due date for such Plans is April 11, 2011.

j. **Adherence to Approved Highlands Implementation Plan & Schedule.** The municipality shall undertake to complete all remaining mandatory Plan Conformance activities listed in the Highlands Council-approved Highlands Implementation Plan & Schedule, in accordance with: a) the timeframes set forth therein, to the maximum extent feasible and practicable, or with such adjusted timeframes as may be authorized by the Highlands Council or otherwise mutually agreed by the municipality and the Highlands Council; and b) the availability of funding from the Highlands Council or, on a voluntary basis, by the municipality or other party, to ensure the satisfactory completion of each project or activity, or each phase of such project or activity, as appropriate. Non-mandatory Plan Conformance activities shall neither take precedence over nor shall impede the completion of mandatory items and shall be undertaken only as time and resources are available to support them.

   i. **Development/Approval of Implementation Plan Components.** Within the constraints above, all planning, regulatory, and resource management documents shall be prepared and provided to the Highlands Council for review and approval prior to formal adoption by the applicable municipal board, commission, or governing body.

   ii. **Adoption of Regulations Implementing Plan Components.** All ordinances, rules, and regulations shall be prepared and provided to the Highlands Council for review and approval prior to formal adoption by the applicable municipal board, commission, or governing body.

   iii. **Mandatory Components.** Specific mandatory components include development and implementation of the plans/programs/ordinances herein listed (once models have been provided by the Highlands Council and funding provided), all intended as municipal-wide, long-term initiatives unless specifically noted otherwise. Where applicable and appropriate, these will build upon any such plans, programs, or ordinances that have already been developed or adopted by the municipality. It is the explicit intention of the Highlands Council that such plans/programs be developed in a manner to ensure that implementation is both feasible and practicable, potentially involving assistance of outside agencies/organizations, working cooperatively for and with the municipality. In each case where the municipality will serve as lead, release of funds is contingent upon approval of a scope of work by the Highlands Council Executive Director.

      - Water Use & Conservation Management Plan.

- Habitat Conservation & Management Plan: Funding of $35,000 has been allocated for this purpose, in recognition of the large areas of Critical Habitat in the Township, and the potential for both unavoidable disturbance and restoration opportunities.
- Stormwater Management Plan (Updates Only)
- Land Preservation and Stewardship Program
- Septic System Management/Maintenance Plan
- Implementing ordinances associated with each of the above (long-term, as applicable), as well as a Right to Farm ordinance (adoption of which is anticipated earlier in the full Plan Conformance phase without need for a prior planning/program document).

iv. **Non-Mandatory Components:** The Highlands Implementation Plan and Schedule also provides for certain non-mandatory components which include development and implementation of the plans herein listed, all intended as municipal-wide, long-term initiatives unless specifically noted otherwise. Where applicable and appropriate, these will build upon any such plans, programs, or ordinances that have already been developed or adopted by the municipality. It is the explicit intention of the Highlands Council that such plans be developed in a manner to ensure that implementation is both feasible and practicable, potentially involving assistance of outside agencies/organizations, working cooperatively for and with the municipality. In each case where the municipality will serve as lead, release of funds is contingent upon approval of a scope of work by the Highlands Council Executive Director.

- Stream Corridor Restoration/Protection Plan – A total of $50,000 has been allocated to address existing stream restoration needs, potential stream impacts of future land uses, and mitigation options beyond those contained within the Highlands Land Use Ordinance.
- Agricultural Retention Plan – A total of $20,000 has been allocated to plan for methods to improve the sustainability and profitability of farming in the Township, recognizing the large agricultural area.
- Green Building/Environmental Sustainability/Alternative Energy Plan – A total of $5,000 has been allocated to help the Township identify and plan for issues regarding on-site alternative energy facilities and green building options.

k. **Revisions/Amendments Subject to Highlands Council Approval.** Any proposed revision or amendment to any of the aforementioned documents, or to any other document, plan, or other item approved by the Highlands Council as a component of Plan Conformance, shall be provided to the Highlands Council for

review. In the event the Highlands Council determines that any proposed modification is of a substantive nature, Highlands Council approval shall be required prior to adoption by the applicable municipal board, commission, or governing body. Any revision or amendment adopted without the approval of the Highlands Council may subject the municipality to revocation of Plan Conformance approval.

2. **Optional Petition Requests.** The findings below apply to the Optional Petition Requests discussed at Section C of this Report.

    a. **RMP Update(s).** Revised mapping regarding the RMP Update regarding Preserved Lands will be provided to the municipality. The revised mapping will need to be incorporated into the Highlands ERI prior to adoption.

E. MUNICIPAL RESPONSE PERIOD

The Highlands Council provided a Draft Consistency Review and Recommendations Report dated August 11, 2010 to the municipality on August 12, 2010. The Municipal Response Period expired on December 24, 2010. The municipality provided supplemental documents and deliberative revised materials in support of the Petition for Plan Conformance, for Highlands Council consideration.

The Municipal Response submittals included the items listed below, each described and discussed in relation to the matter of consistency with the Regional Master Plan and sufficiency to meet the requirements for Basic Plan Conformance.

1. **Item #1.** 2003 Master Plan in Adobe pdf format;
2. **Item #2.** 2008 Draft Farmland Preservation Plan in Adobe pdf format;
3. **Item #3.** 2005 Municipal Stormwater Management Plan in Adobe pdf format;
4. **Item #4.** 2004 Master Plan Re-examination Report in Adobe pdf format;
5. **Item #5.** Master Plan Highlands Element Draft with Township edits and comments;
6. **Item #6.** Highlands Area Land Use Ordinance Draft with Township edits and comments.

F. COMMENTS FROM THE PUBLIC

Following the Municipal Response Period and the incorporation by Highlands Council Staff of any revisions resulting from the Municipal Response, as noted above, the Final Draft Consistency Review and Recommendations Report was posted to the Highlands Council website and made available (in paper format) at the Highlands Council offices in Chester, NJ, for review and comment by the general public.

A number of comments were received during the period established by the Highlands Council for receipt of written public comment (January 20, 2011 – February 4, 2011) as follows. The comment/response document is attached to this document, at Appendix B.

1. Kevin Walsh, Esq. on behalf of the Fair Share Housing Center (FSHC).
2. Hank Klumpp, Property Owner.
3. Robin Love, President, Resident's Alliance for Neighborhood Preservation, Inc.
4. George C. Cassa, Alliance for Historic Hamlets.
5. Basil Hone and Frances Spann, Citizens to Save Tewksbury.

G. FINAL RECOMMENDATIONS

Based upon the comments received, the recommendations of Highlands Council Staff concerning the Petition for Plan Conformance of the Township of Tewksbury, remain unchanged.

In conclusion, the Highlands Council Staff recommends that the Petition for Plan Conformance of the Township of Tewksbury, be approved with conditions; with all applicable conditions being those listed and discussed in Section D, above.

APPENDIX A

HIGHLANDS COUNCIL REVIEW

REQUESTS FOR RMP UPDATES

Township of Tewksbury, Hunterdon County

Tewksbury Township RMP Update Requests

Request 1 – Preserved Lands: According to Highlands Council data, Tewksbury Township contains 2,310.3 total acres of Highlands Preserved Lands. However, Tewksbury Township databases of open space and easements have identified 3,276.81 preserved acres, which is 966.51 acres more than the Highlands data shows. The discrepancy falls primarily in the categories of conservation easements, preserved farmland, and non-profit owned properties. Tewksbury Township submitted an extensive update related to Preserved Lands for the Township along with a corresponding map.

Request 2 - Preserved Farms: The municipal open space/farmland database shows that there are 2 parcels in the Highlands Council's data that were incorrectly identified as preserved farmland and 7 additional parcels of preserved farmland that are not included in the Highlands Council's data. Tewksbury Township submitted an updated table indicating Preserved Farmland that was not previously included along with a corresponding map.

Request 3 – Rockaway Historic District: Tewksbury Township submitted a request to update the Highlands Region Historic, Cultural, and Archaeological Resources data layer for the Township. This is specifically related to the Rockaway Historic District (ID#3811), located on Hill, Dale and Rockaway roads. The Township states that this District was not approved by Tewksbury Township and is not on the National Register. The Township states that this discrepancy should be corrected in the State and Highlands databases.

APPENDIX B

PUBLIC COMMENTS/HIGHLANDS COUNCIL RESPONSES

Petition for Plan Conformance

Township of Tewksbury, Hunterdon County

PUBLIC COMMENTS RECEIVED

Written comments regarding the Township of Tewkbury's Petition for Plan Conformance were accepted by the Highlands Council through the close of the Public Comment period on February 4, 2011. Comments were provided by the following individuals/entities:

1. Kevin Walsh, Esq. on behalf of the Fair Share Housing Center (FSHC);
2. Hank Klumpp, Property Owner;
3. Robin Love, President, Resident's Alliance for Neighborhood Preservation, Inc.;
4. George C. Cassa, Alliance for Historic Hamlets;
5. Basil Hone and Frances Spann, Citizens to Save Tewksbury; and
6. Julia Somers, New Jersey Highlands Coalition.

MUNICIPAL COMMENT/RESPONSE SUMMARY

Comments Submitted by Kevin Walsh, Esq. on behalf of the Fair Share Housing Center (FSHC);

1. **Comment**: FSHC contends that the Housing Element and Fair Share Plan improperly relied upon COAH's waiver of its regulations for Highlands municipalities and use of Highlands Municipal Build-Out Report to adjust the affordable housing obligation calculated in COAH's rules. FSHC incorporates their briefs in an action filed in the Appellate Division against the State wherein FSHC raised these same issues.

Response: The adjustment of the fair share obligations based on conformance with the RMP was issued by COAH as a waiver from COAH's regulations and is considered final agency action by COAH. FSHC has filed litigation in the Appellate Division challenging COAH's actions related to the adjustment of fair share obligations for conforming Highlands municipalities. FSHC raises the same issues through this comment. The State's responses to the claims in the Appellate Division matter are incorporated herein by reference.

In addition, the recent Appellate Division decision invalidating portions of COAH's regulations will have substantial implications on the fair share obligations for every municipality statewide. However, that decision was stayed by the New Jersey Supreme Court on January 14, 2011. The Highlands Council has concluded that this Petition for Plan Conformance be approved conditioned upon achieving and retaining compliance with the Fair Housing Act, as demonstrated by approvals of its Housing Element and Fair Share Plan from either COAH or the Law Division of New Jersey Superior Court. This condition incorporates any on-going changes as may be necessary to retain compliance with future amendments to the Fair Housing Act and any other changes

2. **Comment**: FSHC contends that the Petition may not properly utilize the Highlands Council's instructions for Module 2 and Module 3 to adjust the fair share obligations since those modules were not adopted through rulemaking. FSHC incorporates their briefs filed on this matter with the Appellate Division.

Response: This Petition properly utilized the instructions to complete the Highlands Plan Conformance modules as these instructions simply provided Highlands municipalities with the process to prepare a Petition for Plan Conformance consistent with the RMP. The validity of the Module 3 Instructions is presently under

consideration by the Appellate Division in a matter filed by the FSHC. The State's response to the claim contained in briefs filed in that matter is incorporated herein by reference. The Module 2 and Module 3 instructions are not rules, but are part of the 2009 Plan Conformance Grant Program designed to help conforming municipalities receive reimbursement for costs associated with the process of conforming to the RMP. The scopes of work in the Module 2 and Module 3 instructions are based entirely on the RMP and COAH's regulations and do not themselves set forth new policy.

3. **Comment**: Fair Share Housing Center objects to the reduction of the Township of Tewksbury's third round fair share obligations from 102 units to 85 units.

Response: The Township of Tewksbury's reduction in its third round Fair Share Obligation is based upon the Highlands Municipal Build-Out report prepared by the Highlands Council. The Report was prepared by the Highlands Council, in consultation with the municipality, based upon the restrictions of the Highlands Act, the Highlands Regional Master Plan, and the NJDEP rules at N.J.A.C. 7:38. The Highlands Municipal Build-Out Report specifically responds to the Highlands Act mandate for the contents of the Regional Master Plan to include a resource assessment to determine "the amount and type of human development and activity which the ecosystem of the Highlands region can sustain while still maintaining the overall ecological values thereof…" The preparation of a Highlands Municipal Build-Out Report is a specific requirement of the RMP to perform an analysis of the natural resource protection and utility capacity policies of the RMP. It is a planning tool developed by the Highlands Council that organizes and applies the RMP policies at the municipal level to identify areas with land-based, infrastructure-based, and resource-based capacity to grow.

Applying those RMP policies to the Township of Tewksbury resulted in the identification of land capable of sustaining new development, redevelopment and economic growth opportunities. In the case of the Township of Tewksbury, the Municipal Build-Out Report reflected the municipality's available wastewater utility capacity and available developable land located outside the Preservation Area which limited the amount of residential and non-residential development likely to occur. In addition to the results of the Highlands Municipal Build-Out Report, the methodology includes recent actual construction activity. The number of Certificates of Occupancy issued for both residential and non-residential construction from 2004 through the end of 2008 is included in the revised Fair Share Obligation. Together these give the Township a more accurate tool to plan for their Fair Share Obligation. However, these numbers are projections of future growth and do not necessarily predict the Township's actual Fair Share Obligation. Ultimately, the Township will be required to supply affordable housing based on actual growth that has occurred, and will occur, in the municipality from 2004 through 2018. To ensure the Township continues to provide for its Fair Share Obligation, the Highlands Council resolution regarding the Township's Petition for Plan Conformance includes as a proposed condition of approval, continued compliance with the Fair Housing Act as it may be amended or as COAH's rules for the Third Round may be amended.

Comments submitted by Hank Klumpp, Property Owner.

1. Comment: Questions the process for the establishment of the Preservation Area boundary. As it relates to Tewksbury Township Petition, Mr. Klumpp also claims that the Township was not part of the original map of the Highlands Region and that no scientific study supports the inclusion of his property in Tewksbury.

Response: The delineation of the Preservation Area and Planning Area boundary was an action of the Legislature to identify the most important resource lands in the Highlands Region. The Highlands Council has no authority to modify the boundary. The establishment and boundaries of the Preservation Area were supported in two Appellate Court decisions: the decision of *OFP, L.L.C. v. State*, 395 N.J. Super. 571 (App. Div. 2007), aff'd o.b., 197 N.J. 418 (2008), reiterated in *County of Warren v. State*, 409 N.J. Super. 495 (App. Div. 2009), certif. denied, 201 N.J. 153, cert. denied, 130 S.Ct. 3508 (2010). Mr. Klumpp was a plaintiff in the latter matter and thus is aware of the litigation where the scientific basis for the Highlands Act was challenged and rejected.

With respect to Tewksbury Township, the Township was first identified by the State of New Jersey in the "Highlands Region" mapping as a part of the 2001 New Jersey State Development and Redevelopment Plan. The 2001 State Plan identified ninety municipalities, including Tewksbury Township, within the Special Resource Area of the Highlands. See the 2001 State Plan at page 172 and Appendix G. The 2001 State Plan analyzed the significant resources of the Highlands and concluded that nearly 70 percent of the area is mapped as Environmentally Sensitive (Planning Area 4B or Planning Area 5). In addition, the 2004 Highlands Task Force Action Plan included Tewksbury Township as among the ninety municipalities in the Highlands. The Highlands Act was thereafter adopted to include eighty-eight municipalities including Tewksbury Township. An extensive scientific analysis was completed in the Highlands Regional Master Plan and any landowner in the Highlands can examine the results as it pertains to specific properties through the use of the Highlands interactive mapping on the Council website.

Lastly, extensive federal studies conducted by the United States Forest Service in 1992 and 2002 led to the federal Highlands Conservation Act signed by President Bush in 2004. This act authorized $100 million for land preservation in the four state Highlands region and Tewksbury Township is included within the federal boundary (see the RMP at Figure 1.4 - Federal Highlands Conservation Act Boundary).

2. Comment: Mr. Klumpp questions the issue of landowner equity and lack of available compensation.

Response: The Highlands Act includes a provision for a "strong and significant commitment by the State to fund the acquisition of exceptional natural resource value lands." The Regional Master Plan includes the mandated identification of Conservation Priority Areas and Agricultural Priority Areas to identify specific areas with the highest preservation priority, to serve as a focus for such efforts. The Highlands Council recently completed a report that quantifies the land preservation efforts that have been completed since the 2008 adoption of the RMP.

See http://www.highlands.state.nj.us/njhighlands/news/publ/land_pres_report_081910.pdf

The Report found that since July 2008, 7,690 acres have been added as preserved lands through the efforts of numerous partners and funding from federal, State, county, municipal, private and non-profit sources. The Highlands Region presently has a total of 290,214 preserved acres. This total amounts to the preservation of nearly 34% of the Highlands Region (nearly 46% of all undeveloped land as of 2002) and nearly 47% of the Preservation Area. These 290,214 acres are divided between 255,537 acres of open space lands and 34,677 acres of preserved farmland. It is likely that some additional lands have been preserved but not yet reported, increasing the total acreage.

Funding for these initiatives has been accomplished through the existing funding stream of the Garden State Preservation Trust, a supplemental $30 million appropriation for the Farmland Preservation Program, $10 million in capital funding that was allocated to the Highlands Development Credit Bank, and federal funding through the 2004 federal Highlands Conservation Act which authorized $100 million for land preservation in the four state region. The report concluded for the 7,690 acres preserved since 2008 that the State Farmland Preservation Program has paid an average of $9,816 per acre for development rights on lands in the Preservation Area while lands in the Planning Area have received on average $14,288 per acre. Under the Green Acres Program landowners have seen similar per acre values for fee simple purchases. For properties in the Preservation Area, properties have averaged $10,265 per acre, while in the Planning Area properties have averaged $19,957 per acre. Finally, under the Highlands TDR Program, for those Preservation Area properties that have received an allocation of HDCs, the average per acre land value is $10,135.

The Highlands Council has approved a number of resolutions encouraging action by the Legislature and the Governor, over several administrations, to improve funding for acquisition of lands in fee simple and in easement, for acquisition of Highlands Development Credits, and for authorization of Highlands TDR Receiving Zones to be established anywhere in the state. Also, in November of 2009 New Jersey residents voted to approve the Green Acres, Water Supply and Floodplain Protection, and Farmland and Historic Preservation Bond Act of 2009. This Act authorizes the State to issue $400 million in bonds for land preservation. While the monies accumulated through the bond sales are critical to the preservation efforts throughout the state, the Highlands Council has repeatedly recommended that a dedicated portion of these funds be directed to the Highlands Region to continue to build upon the substantial investments made to date and to uphold the commitment in the Highlands Act "to fund the acquisition of exceptional natural resource value lands". The Highlands Act also included a number of important exemptions and waivers to address landowner equity issues.

In addition, the Highlands Council strongly supported the extension of the dual appraisal method of the Highlands Act. Specifically, the Highlands Regional Master Plan (RMP) included the following language in Policy 1H6: "To support legislation to extend the dual appraisal methodology used by the GSPT for lands in the Highlands Region beyond the June 30, 2009 expiration date to a minimum of five years beyond adoption of the RMP." After the adoption of the RMP, the Highlands Council actively and consistently supported the extension and provided written letters of support and testimony before legislative committees. On September 9, 2010, Governor Christie signed P.L. 2010, c. 70 into public law, thereby extending the dual appraisal method from June 30, 2009 to June 30, 2014.

Comment Submitted by Robin Love, President, Resident's Alliance for Neighborhood Preservation, Inc.

1. **Comment:** A letter of support for the Township's Petition for plan conformance was submitted, particularly supporting the removal of the Route 78 Sewer Service Area from Tewksbury Township's Wastewater Management Plan as being consistent with the Township's Petition and the RMP.

Response: The Highlands Council acknowledges the Alliance for Neighborhood Preservation's support for the Township's Petition for Plan Conformance and will continue to work with the Township to develop a Wastewater Management Plan consistent with the Goals, Policies and Objectives of the RMP.

Comment Submitted by George C. Cassa, Alliance for Historic Hamlets.

1. **Comment:** A letter of support for the Township's Petition for Plan Conformance was submitted, particularly supporting the removal of the Route 78 Sewer Service Area from Tewksbury Township's Wastewater Management Plan as being consistent with the Township's Petition and the RMP.

Response: The Highlands Council acknowledges the Alliance for Historic Hamlet's support for the Township's Petition for Plan Conformance and will continue to work with the Township to develop a Wastewater Management Plan consistent with the Goals, Policies and Objectives of the RMP.

Comment Submitted by Basil Hone and Frances Spann, Citizens to Save Tewksbury.

1. **Comment:** A letter of support for the Township's Petition for Plan Conformance was submitted, particularly supporting the removal of the Route 78 Sewer Service Area from Tewksbury Township's Wastewater Management Plan as being consistent with the Township's Petition and the RMP.

Response: The Highlands Council acknowledges the Citizens to Save Tewksbury's support for the Township's Petition for Plan Conformance and will continue to work with the Township to develop a Wastewater Management Plan consistent with the Goals, Policies and Objectives of the RMP.

Comments Submitted by Julia Somers, New Jersey Highlands Coalition

1. **Comment:** The Coalition supports Tewksbury Township's Petition for plan conformance.

Response: The Highlands Council acknowledges the New Jersey Highlands Coalition's support for the Township's Petition for plan conformance.

2. **Comment:** The New Jersey Highlands supports the recommendation that jurisdiction over Critical Habitat areas of the Highlands Region will rest in large part with the Highlands Council and the NJDEP.

Response: The Highlands Council acknowledges the New Jersey Highlands Coalitions' support for the recommendation.

3. **Comment:** The New Jersey Highlands Coalition would like to confirm that, in the Planning Area, the RMP prohibits the creation or extension of public water supply systems and wastewater collection and treatment systems within the Protection Zone, the Conservation Zone and the Environmentally-Constrained Sub-Zones until or unless authorized by the Highlands Council.

Response: In the Planning Area – Protection Zone, Conservation Zone and Environmentally Constrained Sub-Zones, new, expanded or extended public water systems, wastewater collection and treatment systems, and community on-site treatment facilities are permitted only where approved by the Highlands Council and included within a NJDEP-approved Wastewater Management Plan. This restriction is included in the Highlands Area Land Use Ordinance Section 5.3.7.

4. **Comment:** The New Jersey Highlands Coalition notes that the Township has elected not to include a Historic, Cultural & Archaeological Resources Ordinance and supports the Township's future adoption of the Ordinance.

Response: The Highlands Council acknowledges the New Jersey Highlands Coalition's support of the adoption of the Ordinance. The Council will continue to work with the Township if they elect to adopt the Ordinance in the future.

APPENDIX C

Planning Area Petition Ordinance

Introduced 03-27-12
Adopted 04-24-12

TOWNSHIP OF TEWKSBURY
COUNTY OF HUNTERDON
ORDINANCE #03-2012

ORDINANCE TO PETITION THE HIGHLANDS COUNCIL FOR PLAN CONFORMANCE FOR THE PLANNING AREA

Section 1 Purpose

The Township of Tewksbury is located partially within that portion of the New Jersey Highlands Region defined by the Highlands Act, as the "Planning Area" (see definitions, below). This Ordinance is enacted pursuant to Section 15.a. of the Highlands Water Protection and Planning Act (Highlands Act, N.J.S.A. 13:20-1 et seq.), which provides that a municipality may choose to conform its master plan, development regulations, and other regulations to the provisions of the Highlands Regional Master Plan, with respect to lands located within the Planning Area, and by Ordinance, petition the New Jersey Highlands Water Protection and Planning Council (Highlands Council) for Plan Conformance approval of such planning and regulatory documents.

By adoption of this Ordinance, the Township Committee of the Township of Tewksbury establishes that the municipality shall conform its master plan, development regulations, and all other regulations applicable to the use and development of land within the Planning Area of the municipality, to achieve consistency with the goals, requirements, and provisions of the Highlands Regional Master Plan. Said conformance shall be in accordance with the provisions of Highlands Council approval of the municipality's Petition for Plan Conformance, which was previously submitted to the Highlands Council by Resolution adopted by the Township Committee on December 8, 2009, and which the Highlands Council approved with certain conditions by Highlands Council Resolution No.2011-9, adopted on February 17, 2011. Further, this Ordinance specifically reserves the rights of the municipality as specified by the Highlands Act, with respect to the voluntary nature of Plan Conformance for the Planning Area.

Section 2 Basis and Background

The Highlands Act finds and declares that protection of the Highlands Region is an issue of State level importance because of its vital link to the future of the State's drinking water supplies and other significant natural resources. The Highlands Act creates a coordinated land use planning system requiring the Highlands Council to prepare and adopt a Regional Master Plan that serves to protect, restore and enhance the significant resources the Highlands Region. The Highlands Act sets forth a bifurcated system for municipal conformance with the goals, requirements and provisions of the Regional Master Plan. Pursuant to Section 14.a. of the Highlands Act, a municipality located wholly or partially in the Preservation Area was required to submit by December 8, 2009 a revised municipal master plan, development regulations and other regulations, as applicable to the development and use of land in the Preservation Area, to conform them with the Regional Master Plan.

Pursuant to Section 15.a. of the Highlands Act, for a municipality located wholly in the Planning Area or for any portion of a municipality lying within the Planning Area, the municipality may submit at any time a revised master plan, development regulations and other regulations, as applicable to the development and use of land in the Planning Area, that conforms with the

Regional Master Plan. Plan Conformance by a municipality is strictly voluntary for lands in the Planning Area.

Consequently, the Township of Tewksbury, having lands in the Planning Area of the Highlands Region, did submit as part of a Petition for Plan Conformance to the Highlands Council on December 8, 2009, proposed draft revisions to the master plan, development regulations and other regulations that relate to the development and use of land in the Planning Area. On February 17, 2011 the Highlands Council adopted Resolution No. 2011-9 approving the Township of Tewksbury's Petition for Plan Conformance. The approval was conditioned upon the Township of Tewksbury's adoption of an ordinance pursuant to Section 15a of the Highlands Act, formally petitioning the Highlands Council for Plan Conformance for lands within the Planning Area.

Section 3 Applicability

This Ordinance applies to the development and use of land located in the Planning Area of the Township of Tewksbury, as defined by Section 7 of the Highlands Act.

Section 4 Definitions

For the purpose of this Ordinance, the following terms, phrases, words, and their derivations shall have the meanings stated herein unless their use in the text of this Ordinance clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

Highlands Council – means the New Jersey Highlands Water Protection and Planning Council.
Highlands Act – means the Highlands Water Protection and Planning Act, P.L. 2004, c.120, as amended, codified in part at N.J.S.A. 13:20-1 *et seq.*
Highlands Region means all that area within the boundaries of the municipalities listed in subsection a. of section 7 of the Highlands Act.
Planning Area - means lands within the Highlands Region not within the Preservation Area (N.J.S.A. 13:20-7).
Plan Conformance – means the process by which a municipality revises the master plan, development regulations and other regulations related to the development and use of land to conform them with the goals, requirements, and provisions of the Regional Master Plan in accordance with the Highlands Plan Conformance Guidelines.
Preservation Area – means that portion of the Highlands Region so designated by subsection b. of section 7 of the Highlands Act.
Regional Master Plan– means the Highlands regional master plan or any revision thereof adopted by the Highlands Council pursuant to N.J.S.A. 13:20-8.

Section 5 Petition for Plan Conformance

The Township of Tewksbury hereby formalizes its Petition for Plan Conformance to the Highlands Council, declaring it fully effective for lands in the Planning Area of the municipality, said Petition having been approved by the Highlands Council subject to the conditions as set forth in Highlands Council Resolution No. 2011-9, adopted on February 17, 2011.

Section 6 Reserved Right of Withdrawal for Planning Area

At any time, the Township of Tewksbury may withdraw that portion of its Petition for Plan Conformance for the Planning Area. In such event, any approvals, rejections or conditions of the revised municipal master plan, development regulations or other regulations that pertain to the Planning Area, as set forth by the Highlands Council in approving Resolution No. 2011-9, will not be binding upon the Township of Tewksbury. Any such withdrawal, should it occur, shall require repeal of this Ordinance, and shall be followed by formal notification to the Highlands Council, sent within ten (10) days of adoption by certified mail and including a certified copy of such repealing ordinance.

Section 7 Planning Grants and Technical Assistance

Upon application of the Township of Tewksbury, the Highlands Council has made, or will make, grant funding and other financial and technical assistance available to the Township of Tewksbury for the reasonable costs associated with the revision of the master plan, development regulations or other regulations, which revisions are designed to bring those plans and regulations into conformance with the Regional Master Plan. The Highlands Council shall provide grant funds for all mandatory aspects of Plan Conformance in accordance with the Plan Conformance Grant Program, and may also provide grant funds for the discretionary aspects of Plan Conformance as determined by the Highlands Council. As Plan Conformance for lands in the Planning Area is strictly voluntary, the Township of Tewksbury retains the right to withdraw that portion of the Petition relating to lands lying in the Planning Area from the Plan Conformance process at any time.

Section 8 Effective Date

This ordinance shall take effect immediately upon final passage, approval, and publication as required by law.

ALL OF WHICH IS ADOPTED this 24 day of April, 2012, by the Township Committee of the Township of Tewksbury.

Dana Desiderio
Mayor

Attest:

Roberta A. Brassard
Municipal Clerk

APPENDIX D

Highlands Land Use Ordinance Amendments

Highlands Land Use Ordinance for Tewksbury Township

Prepared by the State of New Jersey Highlands Water Protection and Planning Council in Support of the Highlands Regional Master Plan

September 2015

HIGHLANDS AREA LAND USE ORDINANCE

A Supplement to the Land Use Ordinances of

TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY, NEW JERSEY

DATE: _____, 2015

This document is based on a model Highlands Land Use Ordinance prepared and provided to Highlands municipalities by the New Jersey Highlands Water Protection and Planning Council.

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ARTICLE 1. TITLE, PURPOSE, SCOPE

§ 1.1 SHORT TITLE

This Ordinance shall be known and cited as the "Township of Tewksbury Highlands Area Land Use Ordinance."

§ 1.2 PURPOSE

The purpose of this Ordinance is to effectuate the policies, goals and objectives of the Township Master Plan, in particular the Highlands Element of the Master Plan, while at the same time advancing the purposes of zoning as set forth in the New Jersey Municipal Land Use Law ("MLUL", N.J.S.A. 40:55D-1 et seq.), addressing the substantive goals and intents of the Highlands Water Protection and Planning Act ("Highlands Act," N.J.S.A. 13:20-1 et seq.), and satisfying the goals, requirements and provisions of the Highlands Regional Master Plan (RMP).

§ 1.3 SCOPE

The provisions of this Ordinance pertain to the use and development of lands located within the Township Highlands Area. The Highlands Area comprises that portion of the municipality for which the applicable provisions of the Township Master Plan, land use ordinances and other pertinent regulations have been deemed by the New Jersey Highlands Water Protection and Planning Council ("Highlands Council") to be in conformance with the Highlands RMP. This Ordinance governs certain land uses, development and redevelopment activities, and the management and protection of resources, including but not limited to water resources, natural resources, agricultural resources, and scenic resources. The provisions of this Ordinance shall apply in conjunction with all other applicable ordinances, rules and regulations of the municipality. In the event of conflicting or less restrictive alternate provisions, the provisions of this Ordinance shall supersede.

§ 1.4 STATUTORY AUTHORITY

This Ordinance is adopted under the authority of the MLUL and the Highlands Act. The Highlands Act provides authorities and responsibilities for municipal planning and development regulation that are complementary to those set forth under the MLUL. The MLUL gives authority to New Jersey municipalities to govern land use and development within their borders. The Highlands Act augments that authority to allow the municipality the power to enforce the goals, policies, objectives and programs of the Highlands RMP. The Highlands Act is designed to protect the natural and agricultural resources of the Highlands through a coordinated system of regional land use controls. The Highlands Act creates a system in which a regional plan is implemented primarily through local government units. The Highlands Act and the RMP together provide the regional perspective from which local decisions and actions will emanate.

§ 1.5 SEVERABILITY

If any section, sentence, clause or phrase of this Ordinance is held to be invalid or unconstitutional by any court of competent jurisdiction, such holding shall in no way affect the validity of the ordinance as a whole, or of any other portion thereof.

§ 1.6 EFFECTIVE DATE

This Ordinance shall take effect after final passage and publication in the manner required by law.

ARTICLE 2. APPLICABILITY

§ 2.1 APPLICABILITY

The requirements of the Highlands Area Land Use Ordinance shall apply solely to the use and development of lands located within the Township Highlands Area. Specifically, this Ordinance shall apply to any application seeking approval of a site plan, subdivision, or change in use where approval of such application would: a) result in the ultimate disturbance of one (1) acre or more of land; b) produce a cumulative impervious surface area of one-quarter (¼) acre, or more; c) introduce or expand a use not permitted by this Ordinance; or d) in the case of residential development, create three or more dwelling units; where the phrases "residential development," "ultimate disturbance," and "cumulative impervious surface area" are defined as provided at § 3.2. The provisions of this Ordinance shall apply in conjunction with and as a supplement to the existing Zoning Ordinance, development regulations, and all other rules, codes and regulatory provisions governing the use and development of land in the municipality. In the event of conflicting provisions, the provisions of this Ordinance shall supersede. Where provisions differ only by degree, the more restrictive of the applicable requirements shall supersede.

§ 2.1.1 Exclusions

The exclusions listed herein below, consist of specific activities, improvements, and development projects, to which the provisions of this Ordinance shall not apply. These exclusions shall not be construed to apply across-the-board to any lot, tract or other division of land, whether existing or proposed as of the effective date of this Ordinance. Neither shall such exclusions be construed to alter, obviate or waive the requirements of any other applicable state or local law, rule, regulation, development regulation or ordinance. This would include, for example, the bulk requirements of the municipal zoning ordinance (e.g., yard and area requirements), the rules and regulations applicable to issuance of building permits, or the requirements of any municipal ordinance regulating the operation and maintenance of on-site septic systems.

A. This Ordinance shall not apply to reconstruction, within the same footprint, of any building or other structure lawfully existing as of the effective date of this Ordinance, in the event of its destruction or partial destruction by fire, storm, natural disaster, or any other unintended circumstance.

B. This Ordinance shall not apply to any improvement or alteration to a building or other structure lawfully existing as of the effective date of this Ordinance, where such improvement or alteration is necessary for compliance with the provisions of the Americans with Disabilities Act, or to otherwise provide accessibility to the disabled.

C. Unless specifically indicated otherwise, and in that case only to the specific extent indicated, the provisions of this Ordinance shall not apply to Agricultural or Horticultural Use and Development (as defined at § 3.2).

D. This Ordinance shall not apply to any activity, improvement, or development project specifically listed as a Highlands Act Exemption at N.J.S.A. 13:20-28. The applicable Highlands Act Exemptions include those listed below.

   1. *Highlands Act Exemption 4*. The reconstruction of any building or structure for any reason within 125% of the footprint of the lawfully existing impervious surfaces on the site, provided that the reconstruction does not increase the lawfully existing impervious surface by one-quarter acre or more. This exemption shall not apply to the reconstruction of any agricultural or horticultural building or structure for a non-agricultural or non-horticultural use.

a) For purposes of this Ordinance, this exemption shall not be construed to permit multiple 125% footprint expansions, but rather, to permit one or more reconstruction activities cumulatively resulting in a maximum 125% increase in the footprint of the impervious surfaces lawfully existing on the site, provided they do not cumulatively exceed the one-quarter acre limitation. Any determination of whether the expansion of impervious cover meets the statutory criteria for the exemption must account for the preexisting impervious cover, and in the Preservation Area, any such expansion must be contiguous to the location of the existing impervious cover. See In re August 16, 2007 Determination of NJDEP ex rel. Christ Church, 414 N.J. Super. 592 (App. Div. 2010), certif. denied, 205 N.J. 16 (2010).

b) For purposes of this Ordinance, the applicable date of lawful existence shall, for the Preservation Area, coincide with the date of enactment of the Highlands Act (August 10, 2004), and for the Planning Area, the effective date of this Ordinance or of the Highlands Checklist Ordinance, whichever is the earlier.

2. *Highlands Act Exemption 6*. Any improvement, for non-residential purposes, to a place of worship owned by a nonprofit entity, society or association, or association organized primarily for religious purposes, or a public or private school, or a hospital, in existence on the date of enactment of the Highlands Act (August 10, 2004), including but not limited to new structures, an addition to an existing building or structure, a site improvement, or a sanitary facility.

3. *Highlands Act Exemption 7*. An activity conducted in accordance with an approved woodland management plan pursuant to section 3 of the "Farmland Assessment Act," P.L.1964, c.48 (C.54:4-23.3) or a forest stewardship plan approved pursuant to section 3 of P.L.2009, c.256 (the "State Park and Forestry Resources Act," C.13:1L-31), or the normal harvesting of forest products in accordance with a forest management plan or forest stewardship plan approved by the State Forester.

4. *Highlands Act Exemption 8*. The construction or extension of trails with non-impervious surfaces on publicly owned lands or on privately owned lands where a conservation or recreational use easement has been established.

5. *Highlands Act Exemption 14*. The mining, quarrying, or production of ready mix concrete, bituminous concrete, or Class B recycling materials occurring or which are permitted to occur on any mine, mine site, or construction materials facility existing on June 7, 2004.

6. *Highlands Act Exemption 15*. The remediation of any contaminated site pursuant to P.L.1993, c.139 (C.58:10B-1 et seq.).

§ 2.2 MAJOR HIGHLANDS DEVELOPMENT

Any proposed project, development or activity that meets the definition of a Major Highlands Development (see Definitions, § 3.2) is subject to all applicable requirements and provisions of the New Jersey Department of Environmental Protection (NJDEP) Highlands Water Protection and Planning Act Rules ("NJDEP Preservation Area Rules," N.J.A.C. 7:38-1 et seq.). By definition, such projects, developments and activities pertain solely to the Preservation Area of the Highlands Region. Nothing in this Ordinance shall be construed to waive, obviate, modify or otherwise exempt any covered project, development or activity, or any person(s) proposing or involved in such initiatives, from the provisions of the NJDEP Preservation Area Rules.

§ 2.3 PRIOR DEVELOPMENT APPROVALS

§ 2.3.1 Preservation Area

Any developer/owner/applicant (as applicable) associated with a development application that has received lawful approval(s) pursuant to the MLUL since the date of enactment of the Highlands Act (August 10, 2004) but prior to the effective date of this Ordinance, shall retain all of the rights and protections accorded and prescribed under the MLUL with regard to such approval(s). These protections shall apply to the specific land area and scope of the approvals granted, in accordance with any conditions attached thereto, subject to the approvals of any applicable state, county or other outside agency having jurisdiction thereon including the NJDEP and specifically, the NJDEP Preservation Area Rules (NJAC 7:38) applicable to the Highlands Preservation Area, and shall expire if (and in such event, when) such approval expires. The provisions of this Ordinance shall not be construed to alter or infringe upon such unexpired approvals, and any nonconforming development ultimately resulting from such approvals shall be permitted to continue in accordance with all applicable MLUL provisions concerning nonconforming uses, buildings and structures (pursuant to § 2.4 below).

§ 2.3.2 Planning Area

Any developer/owner/applicant (as applicable) associated with a development application that has received lawful approval(s) pursuant to the MLUL prior to the effective date of this Ordinance, shall retain all of the rights and protections accorded and prescribed under the MLUL with regard to such approval(s). These protections shall apply to the specific land area and scope of the approvals granted, in accordance with any conditions attached thereto, subject to the approvals of any applicable state, county or other outside agency having jurisdiction thereon, and shall expire if (and in such event, when) such approval expires. The provisions of this Ordinance shall not be construed to alter or infringe upon such unexpired approvals, and any nonconforming development ultimately resulting from such approvals shall be permitted to continue in accordance with all applicable MLUL provisions concerning nonconforming uses, buildings and structures (pursuant to § 2.4, below).

§ 2.4 NONCONFORMING USES, BUILDINGS AND STRUCTURES

Any nonconforming use, building or structure lawfully existing at the time of passage of this Ordinance shall be permitted to continue upon the lot or within the structure it so occupies, and any such structure may be restored or repaired in the event of its partial destruction, in accordance with the provisions of the MLUL and the underlying municipal Zoning Ordinance. For purposes of this Ordinance, the words, "restored" and "repaired," shall in no case be construed to mean "expanded."

ARTICLE 3. DEFINITIONS

§ 3.1 WORD USAGE

Terms used in the body of this Ordinance which are defined by the Highlands Act are intended to have the same definitions as provided in the Highlands Act. Unless expressly stated to the contrary or alternately defined herein, terms which are defined by the MLUL are intended to have the same meaning as set forth in the MLUL. For purposes of this Ordinance, the terms "shall" and "must" are indicative of a mandatory action or requirement while the word "may" is permissive.

§ 3.2 DEFINITIONS

For purposes of this Ordinance the following definitions shall apply:

Agricultural or Horticultural Development – Construction for the purposes of supporting common farmsite activities, including but not limited to, the production, harvesting, storage, grading, packaging, processing, and the wholesale and retail marketing of crops, plants, animals, and other related commodities and the use and application of techniques and methods of soil preparation and management, fertilization, weed, disease, and pest control, disposal of farm waste, irrigation, drainage and water management, and grazing.

Agricultural or Horticultural Use – The use of land for common farmsite activities, including but not limited to, the production, harvesting, storage, grading, packaging, processing, and the wholesale and retail marketing of crops, plants, animals, and other related commodities and the use and application of techniques and methods of soil preparation and management, fertilization, weed, disease, and pest control, disposal of farm waste, irrigation, drainage and water management, and grazing.

Agricultural Impervious Cover – Agricultural or horticultural buildings, structures or facilities with or without flooring, residential buildings and paved areas, but not meaning temporary coverings.

Applicant – Any entity applying to the Board of Health, Land Use Board, Zoning Officer, Construction Official or other applicable authority of the municipality for permission or approval to engage in an activity that is regulated by the provisions of this Ordinance.

Application for Development – The application form and all accompanying documents required by ordinance for approval of a subdivision plat, site plan, planned development, conditional use, zoning variance, or direction of the issuance of a permits pursuant to section 25 or section 27 of P.L.1975, c.291 (C.40:55D-34 or C.40:55D-36).

Aquifer – A geologic formation, group of formations, or partial formation containing saturated permeable rock, sand or gravel sufficient to store and transmit usable quantities of water to wells and springs.

Archaeological Resources – Any material remains of past human life or activities which are of archaeological interest, such as tools, structures or portions of structures, pit houses, rock paintings, rock carvings, intaglios, graves, human skeletal materials, or any portion or piece of any of the foregoing items.

Best Management Practices (BMP) – Structural or nonstructural methods used to prevent or reduce the movement of sediment, nutrients, pesticides and other pollutants from the land to surface or ground water.

Building Permit – Used interchangeably with the term "Construction Permit;" see definition below.

CADB – County Agriculture Development Board

Carbonate Rock – Rock consisting chiefly of calcium and magnesium carbonates, such as limestone and dolomite.

Clear-Cutting – A forestry or logging practice in which most or all of the trees in a harvest area are cut down.

Cluster/Conservation Design Development – A development design technique where principal buildings and structures are grouped together on a portion of the Cluster Project Area, while the remaining land area is permanently deed-restricted in agricultural use, for conservation of environmental resources, or as open space for environmental protection including public recreational use.

Cluster/Conservation Design Development Guidelines – Guidelines for cluster/conservation design development provided by the Highlands Council to guide municipalities in implementing cluster development projects and in assisting in local development review and Highlands Project Review.

Cluster Project Area – All of the individual parcels from which development is clustered including the area set aside for preservation and the area set aside for development.

Community Based On-Site Wastewater Facilities – Sanitary sewerage treatment facilities (i.e., domestic treatment works) that discharge treated wastewater to ground waters as regulated by a NJPDES permit under N.J.A.C. 7:14, which provide service to one or more parcels that are approved and constructed as a single development or planned development.

Conditional Water Availability – The amount of water availability allowed in a deficit HUC14 subwatershed, subject to certain mitigation requirements, as determined by the Highlands Council.

Construction Permit – A permit issued pursuant to the New Jersey Uniform Construction Code, Chapter 23 of Title 5 of the New Jersey Administrative Code (N.J.A.C. 5:23-1 et seq.), providing authorization to begin work subject to the conditions and requirements established under the provisions therein.

Consumptive Water Use – Any use of water that results in its evaporation, transpiration, incorporation into products or crops, consumption by humans or animals, or removal by any other means from a watershed or subwatershed, other than by conveyances as untreated water supply, potable water, or wastewater.

Contaminant – A substance capable of causing contamination of a water supply.

Contamination – The presence of any harmful or deleterious substances in the water supply, including but not limited to hazardous substances, hazardous wastes, and substances listed in the New Jersey Administrative Code at N.J.A.C. 7:9C (Ground Water Quality Standards), N.J.A.C. 7:9B (Surface Water Quality Standards) and N.J.A.C. 7:10 (NJ Safe Drinking Water Act Regulations), and as these regulations may be amended from time to time.

Cultural Resources – Sites, artifacts, or materials that relate to the way people live or lived, for example, archaeological sites, rock carvings, ruins, and the like. These resources are generally defined based on existing documentation or artifacts discovered relating to activities of people who lived, worked, or recreated in an area during a period in history.

Current Deficit Area – A HUC14 subwatershed characterized by negative Net Water Availability, meaning that existing consumptive and depletive water uses exceed the capacity of the ground water supply to sustain them.

Deforestation – The conversion of forested areas to non-forested areas, whether for use as urban land, or any other non-forest land use; disturbance of an area characterized as "forest" pursuant to the procedures provided in APPENDIX A, herein, the extent or effect of which is to disqualify the area from such designation.

Depletive Water Use – Use of water whereby it is withdrawn from a HUC14 subwatershed and transported outside of the subwatershed (through utility conveyances as untreated water supply, potable water, or wastewater), resulting in a net loss of water to the subwatershed from which it originated.

Density – The permitted number of dwelling units per gross acre of land to be developed; or if defined by the underlying municipal Zoning Ordinance, as provided therein.

Density, Septic System – The gross acreage of land area required per individual septic system to physically contain and support its functions in keeping with the specified wastewater design flow.

Development – The division of a parcel of land into two or more parcels, the construction, reconstruction, conversion, structural alteration, relocation, or enlargement of any building or other structure, or of any mining excavation or landfill, and any use or change in the use of any building or other structure, or land or extension of use of land, for which permission may be required pursuant to the MLUL.

Development Set Aside of Cluster Project Area – All of the individual parcels within the area set aside for residential development including the infrastructure, open space, and utilities necessary to support the development pursuant to the requirements of § 8.1.5.

Discharge – Any intentional or unintentional action or omission, unless pursuant to and in compliance with the conditions of a valid and effective federal or state permit, resulting in the releasing, spilling, pumping, pouring, emitting, emptying or dumping of a hazardous substance into the waters or lands of the state or into waters outside the jurisdiction of the state when damage may result to the lands, waters or natural resources within the jurisdiction of the state.

Dissolution – A space or cavity in or between rocks, formed by the solution of part of the rock material.

Disturbance – The placement of impervious surface, the exposure or movement of soil or bedrock, or the clearing, cutting, or removing of vegetation. (Pursuant to § 6.2.5.B of this Ordinance, when considering land for conversion to non-agricultural land uses in a Highlands Open Water buffer, historic or current agricultural land uses shall not be considered "land improvements," "development," "land disturbances," or "land uses" for purposes of calculating the previously disturbed area.)

Disturbance, Ultimate – The total existing or proposed area of disturbance of a lot, parcel, or other legally designated (or otherwise legally recognized) tract or subdivision of land, for the purpose of, and in connection with, any human activity, property improvement, or development, including the surface area of all buildings and structures, all impervious surfaces, and all associated land disturbances such as excavated, filled, and graded areas, and all lawn and landscape areas. Ultimate disturbance shall not include areas of prior land disturbance which at the time of evaluation: a) contain no known man-made structures (whether above or below the surface of the ground) other than such features as old stone rows or farm field fencing; and b) consist of exposed rock outcroppings, or areas which, through exposure to natural processes (such as weathering, erosion, siltation, deposition, fire, flood, growth of

trees or other vegetation) are no longer impervious or visually obvious, or ecologically restored areas which will henceforth be preserved as natural areas under conservation restrictions.

Endangered Species – Species included on the list of endangered species that the NJDEP promulgates pursuant to the Endangered and Nongame Species Conservation Act, N.J.S.A. 23:2A-13 et seq., and the Endangered Plant Species List Act, N.J.S.A. 13:1B-15.151 et seq., and any species or subspecies of wildlife appearing on any federal endangered species list or any species or subspecies of plant designated as listed, proposed, or under review by the federal government pursuant to the Endangered Species Act of 1973, 16 U.S.C. §§ 1531 et seq.

Environmental Land Use or Water Permit – A permit, approval, or other authorization issued by the Department of Environmental Protection pursuant to the "Freshwater Wetlands Protection Act," P.L.1987, c.156 (C.13:9B-1 et seq.), the "Water Supply Management Act," P.L.1981, c.262 (C.58:1A-1 et seq.), the "Water Pollution Control Act," P.L.1977, c.74 (C.58:10A-1 et seq.), "The Realty Improvement Sewerage and Facilities Act (1954)," P.L.1954, c.199 (C.58:11-23 et seq.), the "Water Quality Planning Act," P.L.1977, c.75 (C.58:11A-1 et seq.), the "Safe Drinking Water Act," P.L.1977, c.224 (C.58:12A-1 et seq.), or the "Flood Hazard Area Control Act," P.L.1962, c.19 (C.58:16A-50 et seq.). (N.J.S.A. 13:20-3.)

Existing Constrained Areas – Stream flows within any HUC14 subwatershed(s) upstream of a Current Deficit Area.

Farm Conservation Plan – A site-specific plan that prescribes needed land treatment and related conservation and natural resource management measures, including forest management practices, that are determined to be practical and reasonable for the conservation, protection, and development of natural resources, the maintenance and enhancement of agricultural or horticultural productivity, and the control and prevention of non-point source pollution.

Farm Management Unit – A parcel or parcels of land, whether contiguous or noncontiguous, together with agricultural or horticultural buildings, structures and facilities, producing agricultural or horticultural products, and operated as a single enterprise.

Farmland Soils, Important – Soils based on soil data prepared by the USDA NRCS including the following four classifications: Prime Farmland Soils, Farmland Soils of Statewide Importance, Unique Farmland Soils, and Farmland Soils of Local Importance.

Farmland Soils of Local Importance – Farmland of local importance includes those soils that are not prime or of statewide importance and are used for the production of high value food, fiber or horticultural crops.

Farmland Soils, Prime – Prime Farmlands include all those soils in NRCS Land Capability Class I and selected soils from Land Capability Class II. Prime Farmland is land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber and oilseed crops and is also available for these uses. It has the soil quality, growing season, and moisture supply needed to economically produce sustained high yields of crops when treated and managed according to acceptable farming methods, Prime Farmlands are not excessively erodible or saturated with water for a long period of time, and they either do not flood frequently or are protected from flooding.

Farmland Soils of Statewide Importance – Farmlands of statewide importance include those soils in NRCS Land Capability Class II and III that do not meet the criteria as Prime Farmland. These soils are nearly Prime Farmland and economically produce high yields of crops when treated and managed according to acceptable farming methods. Some may produce yields as high as Prime Farmland if conditions are favorable.

Farmland Soils, Unique – Soils used for special crops (such as cranberries in the New Jersey Pinelands). Unique soils are determined on a statewide basis by the State Soil Conservation Committee.

Farmsite – A Farm Management Unit as defined above.

Floor Area – The area of each floor of a building lying within the inside perimeter of its exterior walls excluding vent shafts, courts, and unfinished areas such as basements or attics having ceiling heights less than that required for habitable space under the building code.

Floor Area Ratio – The sum of the area of all floors of buildings or structures compared to the total area of the site; or if defined by the underlying Zoning Ordinance, as provided therein.

Forest – A biological community as determined by the method set forth under APPENDIX A, as adapted from NJDEP Preservation Area Rules, at N.J.A.C. 7:38-3.9.

Forest Area, Upland – A biological community that is a "forest," as defined above, and that is not located in an area designated as Highlands Open Waters (i.e., not a forested wetland or other Highlands Open Waters).

Forest Area, Total – The percentage of total area that is covered in forest.

Forest, Core – The area and percent of a forest patch that is greater than 300 feet from a forest edge.

Forest Integrity – An expression of the application of landscape metrics to evaluate the effects of forest fragmentation across the landscape, thereby recognizing the ability of forests to provide essential ecosystem functions.

Forest Patch – A contiguous tract of forest bordered by either altered land or a road.

Forest Patch, Mean Distance to Closest (MDCP) – The average edge-to-edge distance between distinct forest patches located within a 1,000-foot search radius of one another. The MDCP provides a measure of forest patch isolation within the landscape area of interest.

Forest Management Plan – A written guidance document describing the forest resources present on a property, the landowner's management goals and objectives, and the recommended practices or activities to be carried out over time on the land. This tool is used to evaluate a forest land's current state and provide a management process which, over time, meets the landowner's objectives, while maintaining health and vigor of the resource. Forest Management Plans are typically written for a ten year period.

Ground Water – Water contained in the interconnected voids of a saturated zone in the ground. A saturated zone is a volume of ground in which the voids in the rock or soil are filled with water greater than or equal to atmospheric pressure.

Ground Water Availability – The total amount of water assigned by the Highlands Council to a HUC14 subwatershed that can be used for consumptive and depletive water uses by water uses that do not draw from water supplies with a NJDEP-approved safe yield.

Habitat Value – The value of an ecosystem area for maintenance of a healthy population of a species as determined by quantity, quality, type, and function.

Hazardous Substance – Any substance designated under 40 CFR 116 pursuant to Section 311 of the Federal Water Pollution Control Act Amendments of 1972 [Clean Water Act] (Public Law 92-500; 33 U.S.C. 1251 et seq.), the Spill Compensation and Control Act, N.J.S.A. 58:10-23.ll et seq., or Section 4 of the New Jersey Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and as these regulations may, from time to time, be amended. Substances listed include petroleum, petroleum products, pesticides, solvents and other substances.

Hazardous Waste – Any solid waste that is defined or identified as a hazardous waste pursuant to the Solid Waste Management Act, N.J.S.A. 13:1E et seq., N.J.A.C. 7:26-8, or 40 CFR Part 261.

Highlands Applicability Determination (HAD) – The determination made by the NJDEP (pursuant to N.J.A.C. 7:38-2.4) indicating of whether a project proposed for the Preservation Area is a major Highlands development, whether any such major Highlands development is exempt from the Highlands Act, and whether the project is consistent with the applicable Areawide Water Quality Management Plan.

Highlands Area – That portion of the municipality for which the land use planning and regulation are in conformance with, or are intended or proposed to be in conformance with, the Highlands RMP.

Highlands Historic and Cultural Resource Inventory – The listing of historic, cultural and archaeological resources within the Highlands Region, including but not limited to: all properties listed on the New Jersey or National Register of Historic Places; all properties which have been deemed eligible for listing on the New Jersey or National Register of Historic Places; and all properties for which a formal opinion of the State Historic Preservation Office (SHPO) has been issued.

Highlands Open Waters – All springs, streams including intermittent streams, wetlands, and bodies of surface water, whether natural or artificial, located wholly or partially within the boundaries of the Highlands Region, but not including swimming pools. Highlands Open Waters include seeps, lakes, ponds, and vernal pools; all categories (including springs, streams, and wetlands) as described and defined in the Township Environmental Resource Inventory.

Highlands Open Waters Buffer – In the Preservation Area, a 300-foot buffer adjacent to Highlands Open Waters in which no disturbance is permitted, except as provided in N.J.A.C. 7:38-3.6. In the Planning Area, a 300-foot buffer around all Highlands Open Waters from the edge of the discernible bank of the Highlands Open Waters feature, or from the centerline of that feature where no discernible bank exists. With respect to wetlands and other Highlands Open Waters features, the feature shall include a protection buffer of 300 feet, measured from the mapped wetlands (not from the wetlands buffer) delineated in a Letter of Interpretation or Highlands Resource Area Determination, as applicable, as provided by NJDEP.

Highlands Preservation Area Approval (HPAA) – An approval issued by the NJDEP pursuant to N.J.A.C. 7:38-6 pertinent to a regulated activity in the Highlands Preservation Area, including an HPAA that contains a waiver pursuant to N.J.S.A. 13:20-33b. Highlands Preservation Area Approval includes Highlands general permits issued pursuant to N.J.S.A. 13:20-33d and promulgated at N.J.A.C. 7:38-12. HPAA, when used in this Ordinance, includes Highlands general permits unless explicitly excluded.

Highlands Public Community Water Supply System – Public water supply systems in the Highlands Region that pipe water for human consumption to at least 15 service connections or that regularly serve at least 25 year-round residents.

Highlands Redevelopment Area – A property, portion of a property, or group of properties designated as such by the Highlands Council and which includes one or more of the following: a) a brownfield site; b)

a grayfield site; and c) any previously developed site in the Highlands Region. A Highlands Redevelopment Area may include the intervening or surrounding lands which are significantly affected by or necessary to support such sites, and is subject to a Highlands Council-approved redevelopment plan setting forth the scope and details of any redevelopment project(s) and/or activities permitted to occur.

Highlands Resource Area Determination (HRAD) – A formal determination issued by the NJDEP that confirms the presence or absence of a Highlands Resource Area on a site, and if present, its location and applicable boundary lines. A person may apply for an HRAD only, or in connection with an application for an HPAA.

Highlands Scenic Resource Inventory – The inventory of regionally significant lands within the Highlands Region that encompasses elements of high scenic quality worthy of protection, as approved by the Highlands Council.

Historic District – One or more historic sites and intervening or surrounding property significantly affecting or affected by the quality and character of the historic site or sites.

Historic Resources – Buildings, structures, objects, districts, sites, or areas that are significant in the history, architecture, archaeology, engineering or culture of a place or time.

Historic Site – Any real property, man-made structure, natural object or configuration of any portion or group of the foregoing of historical, archaeological, cultural, scenic, or architectural significance.

HUC – Hydrologic Unit Code; identification number developed by the USGS to designate drainage basins including watersheds and subwatersheds.

HUC14 Subwatershed – A delineated subwatershed area identified by a 14-digit HUC, within which water drains to a particular receiving surface water body.

Immediate Family Member – A spouse, child, parent, sibling, aunt, uncle, niece, nephew, first cousin, grandparent, grandchild, father-in-law, mother-in-law, son-in-law, daughter-in-law, stepparent, stepchild, stepbrother, stepsister, half brother, or half sister, whether the individual is related by blood, marriage, or adoption.

Impervious Surface – Any structure, surface, or improvement that reduces or prevents absorption of stormwater into land, including, but not limited to, porous paving, paver blocks, gravel, crushed stone, decks, patios, elevated structures, and other similar structures, surfaces, or improvements.

Impervious Surfaces, Cumulative – The total area of all existing or proposed impervious surfaces situated or proposed to be situated within the boundary lines of a lot, parcel, or other legally recognized subdivision of land, expressed either as a measure of land area such as acreage, or square feet, or as a percentage of the total lot or parcel area.

Individual Subsurface Sewage Disposal System – A system regulated under N.J.A.C. 7:9A for disposal of sanitary sewage into the ground which is designed and constructed to treat sanitary sewage in a manner that will retain most of the settleable solids in a septic tank and to discharge the liquid effluent to a disposal field, disposal bed, or disposal trench or trenches. The term "septic system" is equivalent in meaning.

Karst – A distinctive topography that indicates solution of underlying carbonate rocks (such as limestone and dolomite) by surface water or ground water over time, often producing surface depressions, sinkholes, sinking streams, enlarged bedrock fractures, caves, and underground streams.

Light Detection and Ranging (LiDAR) – Technology that uses an active sensor, similar to radar that transmits laser pulses to a target and records the time it takes for the pulse to return to the sensor receiver. This technology is used for high-resolution topographic mapping.

Linear Development – Infrastructure, utilities and the associated right-of-ways therefor, including but not limited to such installations as railroads, roads, sewerage and water supply pipelines, stormwater management pipes and channels, natural gas and liquid fuel pipelines, electric, telephone and other transmission lines, and in all cases, the associated right-of-ways therefor.

Low Impact Development – An environmentally sensitive approach to land use planning that uses a variety of landscape and design techniques to manage development activities to mitigate potential adverse impacts on the natural environment.

Major Highlands Development – Except as otherwise provided pursuant to subsection a. of section 30 of the Highlands Act ("Exemptions"): (1) any non-residential development in the Preservation Area; (2) any residential development in the Preservation Area that requires an environmental land use or water permit [from the NJDEP, *see definition above*] or that results in the ultimate disturbance of one acre or more of land or a cumulative increase in impervious surface by one-quarter acre or more; (3) any activity undertaken or engaged in the Preservation Area that is not a development but results in the ultimate disturbance of one-quarter acre or more of forested area or that results in a cumulative increase in impervious surface by one-quarter acre or more on a lot; or (4) any capital or other project of a state entity or local government unit in the Preservation Area that requires an environmental land use or water permit [from the NJDEP, *see definition above*] or that results in the ultimate disturbance of one acre or more of land or a cumulative increase in impervious surface by one-quarter acre or more. Major Highlands Development shall not include any agricultural or horticultural development or agricultural or horticultural use. Solar panels shall not be included in any calculation of impervious surface. (As defined by the Highlands Act, N.J.S.A. 13:20-1 et seq, as amended.)

Major Potential Contaminant Sources (PCS) – Land uses and activities determined by the Highlands Council to pose a major risk of ground water contamination (see APPENDIX B).

Master Plan – For purposes of this Ordinance, all references to the "Township Master Plan," "master plan," or "Master Plan," refer to the municipal master plan, as adopted by the Township Planning Board.

Master Plan, Highlands Regional (RMP) – For purposes of this Ordinance, all references to the Highlands Regional Master Plan (RMP), shall be by use of the words "Highlands Regional Master Plan," "Highlands RMP," "Regional Master Plan," or "RMP."

Minor Potential Contaminant Sources (PCS) – Land uses and activities determined by the Highlands Council to pose a minor risk of ground water contamination (see APPENDIX C).

Municipal Land Use Law (MLUL) – The New Jersey Municipal Land Use Law, N.J.S.A. 40:55D-1 et seq.

NJDA – New Jersey Department of Agriculture

NJDA Agricultural Development in the Highlands Rules – The regulations established by the NJDA to implement requirements of the Highlands Act, titled and codified at N.J.A.C. 2:92.

NJDEP – New Jersey Department of Environmental Protection

NJDEP Preservation Area Rules – The regulations established by the NJDEP to implement requirements of the Highlands Act, titled "Highlands Water Protection and Planning Act Rules," and codified at N.J.A.C. 7:38-1 et seq.

NJDOT – New Jersey Department of Transportation

NJPDES – New Jersey Pollutant Discharge Elimination System

NJPDES Permit – A permit issued by the NJDEP authorizing certain discharges to ground or surface waters of the State of New Jersey pursuant to the New Jersey Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq., as amended, and its implementing rules at N.J.A.C. 7:14A.

NJ Soil Erosion and Sediment Control Act Rules – Regulations adopted by the State Soil Conservation Committee at N.J.A.C. 2:90-1, incorporating requirements for Best Management Practices regarding temporary and permanent soil erosion control.

Nonconforming Lot – Any lot having an area, dimension or location which was lawful prior to the adoption, revision or amendment of a zoning ordinance, but which fails to conform to the requirements of the zoning district in which it is located by reason of such adoption, revision or amendment.

Nonconforming Structure – Any structure having a size, dimension or location which was lawful prior to the adoption, revision or amendment of a zoning ordinance, but which fails to conform to the requirements of the zoning district in which it is located by reason of such adoption, revision or amendment.

Nonconforming Use – A use or activity which was lawful prior to the adoption, revision or amendment of a municipal zoning ordinance, but which fails to conform to the requirements of the zoning district in which it is located by reason of such adoption, revision or amendment.

Non-Public Well – Any water supply well used for potable purposes other than a public community or non-community water supply well.

Non-Structural Stormwater Management – Techniques and practices devised to manage stormwater runoff and reduce pollution levels, without extensive construction efforts. Non-structural management strategies often mimic the natural hydrology of a site and utilize site planning and design to accomplish stormwater control.

NRCS – Natural Resources Conservation Service of the United States Department of Agriculture

Operations and Contingency Plan – A management plan prepared in support of an existing or proposed Major or Minor Potential Contaminant Source (PCS), that: a) documents the specific PCS(s) existing or proposed for a particular site; b) describes the types and quantities of substances and/or wastes expected to be used, discharged or stored on the site; c) indicates the means by which spillage, leakage or discharge of such materials will be prevented; d) provides the means or methods to be used to contain or remedy any accidental spill, leak, discharge or migration of such materials from the site directly or indirectly into ground water, surface water bodies, or the land surfaces that provide recharge to the underlying aquifer; e) indicates the procedures to be undertaken to notify the appropriate administrative authorities, including but not limited to the NJDEP and the Board of Health, regarding any accidental spillage or discharge of such materials; and f) demonstrates that best management practices have been

incorporated into the design and management of both the site and the particular PCS(s) it contains to ensure against such discharges.

Person – Any individual, public or private corporation, company, partnership, firm, association, owner or operator, political subdivision of this State, and any state, federal or interstate agency or an agent or employee thereof.

Planning Area – Lands within the Highlands Region that are not located in that portion designated by the Highlands Act as the "Preservation Area" (see metes and bounds description at N.J.S.A. 13:20-7b). For purposes of this Ordinance, this terminology shall also be used to refer to Planning Area lands located solely within the Township.

Potential Contaminant Source (PCS) – Activity or land use that may be a source of a contaminant that has the potential to move into ground water withdrawn from a well.

Preservation Area – Lands within the Highlands Region that are located in that portion designated by the Highlands Act as the "Preservation Area" (see metes and bounds description at N.J.S.A. 13:20-7b). For purposes of this Ordinance, this terminology shall also be used to refer to Preservation Area lands located solely within the Township.

Preservation Set Aside of Cluster Project Area – All of the individual parcels within the area set aside for preservation that must be deed-restricted against further subdivision pursuant to the requirements of § 8.1.4.

Public Community Water System – A public water system which serves at least 15 service connections used by year-round residents or regularly serves at least 25 year round residents.

Public Community Well – A well that provides water to a public water system serving at least 15 service connections used by year-round residents or regularly serving at least 25 year-round residents.

Public Non-Community Water System – A public water system that is not a public community water system and is either a "public non-transient non-community water system" or a "public transient non-community water system" as defined herein.

Public Non-Community Well – A well that is not a public community well and that provides water to a public water system regularly serving at least 25 individuals for at least 60 days in any given calendar year.

Public Non-Transient Non-Community Water System – A public water system that is not a public community water system and that regularly serves at least 25 of the same persons for more than six months in any given calendar year.

Public Transient Non-Community Water System – A public water system that is not a public community or a public non-transient non-community water system and that serves at least 25 transient individuals for at least 60 days in any given calendar year.

Public Water System – A system for the provision to the public of water for human consumption through pipes or other constructed conveyances, if such system has at least 15 service connections or regularly serves at least 25 individuals daily for at least 60 days out of the year. Such term includes any collection, treatment, storage and distribution facilities under control of the operator of such system and used primarily in connection with such system, and any collection or pretreatment storage facilities not under such control which are used primarily in connection with such system. A public water system is either a "public community water system" or a "public non-community water system" as defined herein.

Rare Species – Wildlife species that are not endangered or threatened wildlife species but are considered by the NJDEP to be species of special concern as determined by a panel of experts, or that are ranked S1 (critically imperiled in New Jersey because of extreme rarity), S2 (imperiled in New Jersey because of rarity), S3 (rare in New Jersey), G1(critically imperiled globally), G2 (imperiled globally because of rarity) or G3 (globally very rare and local throughout its range or found locally in a restricted range) in the Natural Heritage Database, and Plant Species of Concern listed pursuant to N.J.A.C. 7:5C-3.1.

Reforestation – The restoration (replanting) of a forest that has been reduced by fire, cutting, or any other cause.

Residential Development – Development dedicated to the creation of new dwelling units or the improvement or expansion of existing dwelling units, whether by new construction or conversion of existing building areas or portions thereof, to dwelling use, including any type of residential structure whether a single-family home (including group home), duplex, townhouse, apartment or any other form of multi-family housing construction. For purposes of this ordinance, residential development shall include property improvements associated with and either, required in support of or customarily accessory to, the residential use, including but not limited to porches, patios, decks, driveways, garages, storage sheds, swimming pools, tennis courts, drywells, utility facilities, septic systems, yard grading and retaining walls.

Resource Management System Plan – A site-specific conservation system plan that: (1) prescribes needed land treatment and related conservation and natural resource management measures, including forest management practices, for the conservation, protection, and development of natural resources, the maintenance and enhancement of agricultural and horticultural productivity, and the control and prevention of non-point source pollution; and (2) establishes criteria for resources sustainability of soil, water, air, plants, and animals.

Reviewing Board – The municipal Land Use Board, as applicable, established pursuant to N.J.S.A. 40:55D-23 or N.J.S.A. 40:55D-69 respectively.

Riparian Area – Areas adjacent to and hydrologically interconnected with Highlands Open Waters rivers and streams consisting of flood prone areas, wetlands, soils that are hydric, alluvial, or have a shallow depth to ground water, and including wildlife passage corridors within 300 feet of surface Highlands Open Waters features.

Riparian Area, Flood Prone Portion – Areas delineated by the Highlands Council based on NJDEP flood prone and FEMA Q3 flood area mapping (NJDEP 1996, FEMA 1996) including USGS documented (by prior flood events) and undocumented flood prone areas and Federal Emergency Management Agency (FEMA) 100-year floodplain.

Riparian Soils – Soils associated with Highlands Open Waters that are hydric, alluvial, or exhibit a shallow depth to seasonal high water table.

Riparian Area Wildlife Corridor – A 300-foot corridor on each mapped stream bank or from the stream centerline if no stream bank is mapped.

RMP Update – A factual update to the Highlands Regional Master Plan based upon receipt of new, corrected or updated factual information and verification by the Highlands Council.

SADC – State Agriculture Development Committee

SCD – Soil Conservation District, as established in accordance with the Soil Conservation Act, N.J.S.A. 4:24-1 et seq.

Scenic Resources – Sites and landscapes that are distinctive and remarkable for their geology, topography, history, culture, and aesthetics or can be representative of the defining character of a community. They may include prominent ridgelines, mountainsides or hillsides, panoramic vistas, community gateways and landmarks, river valleys, and agricultural landscapes.

Sedimentation – The process of deposition of a solid material from a state of suspension or solution in a fluid (usually air or water).

Septic System – A system regulated by N.J.A.C. 7:9A for disposal of sanitary sewage into the ground which is designed and constructed to treat sanitary sewage in a manner that will retain most of the settleable solids in a septic tank and to discharge the liquid effluent to a disposal field, disposal bed, or disposal trench or trenches. The term "Individual Subsurface Sewage Disposal System" is equivalent in meaning.

Sewer Service Area (SSA) – The land area identified in an Areawide Water Quality Management Plan from which generated wastewater is designated to flow to a domestic treatment works or industrial treatment works. A distinct sewer service area is established for each domestic treatment works and industrial treatment works.

Shoreline – The Ordinary High Water Mark, or point on the bank or shore up to which the presence and action of the water is so continuous as to leave a distinct mark either by erosion, destruction of terrestrial vegetation, or other easily recognized characteristic.

Site Disturbance – The placement of impervious surface, the exposure or movement of soil or bedrock, or the clearing, cutting, or removing of vegetation.

Slope (or "Grade") – An area of land forming an incline; a measure used to describe the degree of inclination of an area of land; the difference in vertical elevation ("rise") of a land area occurring over a specified horizontal distance ("run"). For example, a land area having a one (1)-foot vertical rise over a 10-foot horizontal run, has a slope of 10%. A 10-foot vertical rise over a 25-foot horizontal run indicates a slope of 40%.

Slope, Steep – Any slope having a grade of 15% or more, or if situated in a Riparian Area, of 10% or more.

Slopes, Constrained – All non-Riparian Area lands having a slope of 15% to less than 20% which are non-forested and exhibit one or more of the following characteristics: a) highly susceptible to erosion; b) shallow depth to bedrock; or c) a Soil Capability Class indicative of wet or stony soils.

Slopes, Limited Constrained – All non-Riparian Area lands having a slope of 15% to less than 20%, which are non-forested, are not highly susceptible to erosion, and do not have a shallow depth to bedrock or a Soil Capability Class indicative of wet or stony soils.

Slopes, Moderately Constrained – All forested non-Riparian Area lands having a slope of 15% to less than 20%.

Slopes, Severely Constrained – All lands having slopes of 20% or greater and all lands within Riparian Areas having slopes of 10% and greater.

Soil Capability Class – Soil class designated by the United States Department of Agriculture (USDA) "Soil Survey," available from the Natural Resource Conservation Service and containing descriptions of soil series on a county-by-county basis (available online at www.soildatamart.nrcs.usda.gov).

Solar Panel – An elevated panel or plate, or a canopy or array thereof, that captures and converts solar radiation to produce power, and includes flat plate, focusing solar collectors, or photovoltaic solar cells and excludes the base or foundation of the panel, plate, canopy, or array. (As defined by the Highlands Act, N.J.S.A. 13:20-1 et seq, as amended.)

Species of Special Concern – Wildlife species identified by the NJDEP that warrant special attention because of evidence of population decline or inherent vulnerability to environmental deterioration or habitat modification that would result in the species becoming threatened if conditions surrounding the species begin or continue to deteriorate. The term includes species for which there is little knowledge of current population status in the state.

Stormwater Management Rules – NJDEP rules at N.J.A.C. 7:8 that set forth the required components of regional and municipal stormwater management plans, and establish the stormwater management design and performance standards for new (proposed) development.

Structure – A combination of materials to form a construction for occupancy, use or ornamentation whether installed on, above, or below the surface of a parcel of land.

Subsidence Sinkholes – Sinkholes formed by the downward settlement of unconsolidated overburden into openings in underlying, soluble bedrock.

Surface Water – Any waters of the State of New Jersey which are not ground water.

Sustainable Agriculture – An integrated system of plant and animal production practices having a site-specific application that will over the long-term: (a) satisfy human food and fiber needs; (b) enhance environmental quality and the natural resource base upon which the agricultural economy depends; (c) make the most efficient use of nonrenewable resources and on-farm resources and integrate, where appropriate, natural biological cycles, and controls; (d) sustain the economic viability of farm operations; and (e) enhance the quality of life for farmers and society as a whole (1990 Farm Bill).

Technical Service Provider (TSP) – Professionals from outside of the United States Department of Agriculture that are certified by the NRCS to assist agricultural producers in applying conservation measures.

Threatened Species – An indigenous nongame wildlife species of New Jersey designated pursuant to the Endangered and Nongame Species Conservation Act, N.J.S.A. 23:2A-13 et. seq., and its implementing rules, N.J.A.C. 7:25-4.17, as most recently amended.

Time of Travel – The average time that a volume of water will take to travel through the zone of saturation from a given point to a pumping well.

Total Maximum Daily Load (TMDL) – The pollutant loading that a surface water body may assimilate without violating NJDEP Surface Water Quality Standards (N.J.A.C. 7:9B) and a determination of the extent to which pollutant loadings to a water body must be reduced to restore that water body to a water quality that complies with the Surface Water Quality Standards. A TMDL includes an allocation of allowable pollutant loads to specific point sources (Wasteload Allocations) and categories of non-point sources (Load Allocations), after subtraction of a Margin of Safety and, where appropriate, a Reserve Capacity (for future pollutant loads).

Viewshed – An area of land, water or other physical features visible from a fixed vantage point.

Wastewater Utility – A publicly, privately, or investor-owned utility that collects and may treat sanitary wastewater, as regulated by the NJDEP.

Water Availability, Conditional – The amount of water availability allowed in a deficit HUC14 subwatershed, subject to certain mitigation requirements, as determined by the Highlands Council.

Water Availability, Net – The value assigned by the Highlands Council to a HUC14 subwatershed resulting from subtracting consumptive and depletive surface and ground water uses from ground water availability.

Water Conservation – Implementation of BMPs to ensure maximum water use efficiency and reduction in water use and losses; measures may include low impact development techniques, water conserving fixtures, water valves, beneficial re-use systems and capture of stormwater.

Water Dependent Uses – Any use or activity that cannot physically function without direct access to the body of water along which it is proposed. An activity that can function on a site not adjacent to the water is not considered water dependent regardless of the economic advantages that may be gained from a waterfront location.

Water Quality Management Plan (WQMP) – A plan prepared pursuant to sections 208 and 303 of the Federal Clean Water Act, 33 U.S.C. § 1251 et seq., (33 U.S.C. § 1288 et seq and 1313 respectively) and the Water Quality Planning Act, N.J.S.A. 58:11A-1 et seq., including the Statewide WQMP, or Areawide or County WQMP as defined under N.J.A.C. 7:15.

Water Use and Conservation Management Plan – A planning document approved by the Highlands Council to ensure the sound use and management of water resources. Water Use and Conservation Management Plans document the current state of water availability and use in the subwatersheds of interest, set priorities for the use and protection of available water, and establish methods to reduce and, where feasible, eliminate net water availability deficits where they exist.

Wellhead – The well, borehole, and appurtenant equipment for a public community well, public non-community well, or non-public well within a cluster of non-public wells.

WHPA – Wellhead Protection Area

Zone of Saturation – A layer within or below the soil profile which is saturated with ground water either seasonally or throughout the year.

ARTICLE 4. ESTABLISHMENT OF HIGHLANDS AREA DISTRICTS

§ 4.1 HIGHLANDS PRESERVATION AREA AND PLANNING AREA

The Highlands Act establishes the Preservation Area and Planning Area of the Highlands Region. It describes the varied attributes of each and sets forth the major land use planning goals that pertain to the lands located within each. The Act defines the geographic extent of the Highlands Region to include the aggregated land area making up its constituent municipalities (N.J.S.A. 13:20-7a). It provides a physical delineation of the Preservation Area by use of a specific metes and bounds description (N.J.S.A. 13:20-7b), designating all remaining lands within the Highlands Region as the Planning Area.

§ 4.1.1 Highlands Area

The Township Master Plan incorporates the Highlands Preservation Area and/or Planning Area, inclusive of the goals applicable to each, as an integral component of the planning and land use policies of the municipality. For purposes of this Ordinance, these Areas shall henceforth be known and designated as the Township Highlands Area.

§ 4.1.2 Preservation Area

The Preservation Area, to the full extent of its limits within the Township Highlands Area, is herewith adopted and established as an overlay to municipal zoning.

§ 4.1.3 Planning Area

The Planning Area, to the full extent of its limits within the Township Highlands Area, is herewith adopted and established as an overlay to municipal zoning.

§ 4.2 HIGHLANDS ZONES AND SUB-ZONES

The Highlands RMP establishes three primary zones (the Protection Zone, Conservation Zone and Existing Community Zone) and two sub-zones (Conservation Zone–Environmentally Constrained Sub-Zone and Existing Community Zone–Environmentally Constrained Sub-Zone) in the Township each with its own purpose, application and development criteria. Delineation of Highlands Zones finds basis in the underlying natural resources, the extent of existing development and supporting infrastructure, and the potential to support new development and redevelopment. Highlands Zones are intended to ensure that the density and intensity of future development and redevelopment do not exceed the capacity of the land, natural resources and existing infrastructure to support them. The Township Master Plan incorporates the Highlands zones and sub-zones as an integral component of the planning and land use policies of the municipality.

In keeping with the Land Use Plan of the Township Master Plan, the following Highlands Zones and Sub-Zones are herewith established as overlays to existing municipal zoning:

§ 4.2.1 Protection Zone

The Protection Zone contains the highest quality natural resource value lands of the Highlands Area. Lands in the Protection Zone are essential to maintaining water quality, water quantity and sensitive ecological resources and processes and have limited or no capacity to support human development without adversely affecting overall ecological function. Land acquisition is a high priority for lands in the Protection Zone and development activities will be extremely limited. Any development will be subject to stringent limitations on consumptive and depletive water use, degradation of water quality, and impacts to environmentally sensitive lands and natural resources.

§ 4.2.2 [Reserved]

§ 4.2.3 Conservation Zone
The Conservation Zone consists of areas with significant agricultural lands interspersed with associated woodlands and environmental features that should be preserved when possible. The Conservation Zone is intended primarily for agricultural use and development, including ancillary and supporting uses and activities. Non-agricultural development activities will be limited in area and intensity due to infrastructure constraints and resource protection goals. Where non-agricultural development does occur it must be compatible with agricultural uses.

§ 4.2.4 Conservation Zone – Environmentally Constrained Sub-Zone
The Conservation Zone–Environmentally Constrained Sub-Zone consists of lands containing significant environmental features within the Conservation Zone that should be preserved and protected from non-agricultural development. Development activities will be limited and subject to stringent limitations on consumptive and depletive water use, degradation of water quality, and impacts to environmentally sensitive lands.

§ 4.2.5 Existing Community Zone
The Existing Community Zone consists of areas of concentrated development representing existing communities. These areas tend to have limited environmental constraints due to previous development patterns, and may have existing infrastructure that can support additional development or redevelopment. Where served by adequate supporting infrastructure, lands within the Existing Community Zone are suited to higher densities and intensities of development than other Zones.

§ 4.2.6 Existing Community Zone – Environmentally Constrained Sub-Zone
The Existing Community Zone–Environmentally Constrained Sub-Zone consists of significant contiguous Critical Habitat, steep slopes and forested lands within the Existing Community Zone that should be protected from further fragmentation. They serve as regional habitat "stepping stones" to larger contiguous Critical Habitat and forested areas. As such, they are not appropriate for significant development, and are best served by land preservation and protection. Development is subject to stringent limitations on consumptive and depletive water use, degradation of water quality, and impacts to environmentally sensitive lands.

§ 4.3 HIGHLANDS RESOURCE AND SPECIAL PROTECTION AREAS
The Highlands RMP establishes Highlands Resource Areas and Special Protection Areas, each delineated based on the existence of one or more significant Highlands resources or critical or sensitive environmental characteristics or features. The Township Highlands Master Plan incorporates each of these areas to the extent of their physical limits within the Highlands Area, and the specific policies, goals and objectives relating to their protection as an integral component of the planning and land use policies of the municipality. In keeping with the Township Highlands Master Plan, the following Highlands Resource Areas and Special Protection Areas are herewith established as overlays to municipal zoning:

§ 4.3.1 Forest Resource Area
The Forest Resource Area contains high ecological value forest areas including forested areas having the least fragmentation which are vital to the maintenance of ecological processes. The Forest Resource Area includes forested areas characterized by one or more of the following forest integrity indicators: a contiguous forest patch of 500 acres or more; an area consisting of 250 contiguous acres or more of Core Forest; or areas accounting for 45% or more of mean total forest cover.

§ 4.3.2 Highlands Open Waters
Highlands Open Waters consist of all springs, streams including intermittent streams, wetlands, and bodies of surface water, whether natural or artificial, located wholly or partially within the boundaries of the Highlands

Region, but not including swimming pools. Highlands Open Waters include seeps, lakes, ponds, and vernal pools, all categories (including springs, streams, and wetlands) as described and defined in the Township Environmental Resource Inventory.

§ 4.3.3 Riparian Areas

Riparian Areas are areas adjacent to and hydrologically interconnected with Highlands Open Waters rivers and streams. They consist of flood prone areas, wetlands, soils that are hydric, alluvial, or have a shallow depth to ground water. Riparian Areas also include wildlife passage corridors within 300 feet of surface Highlands Open Waters features.

§ 4.3.4 Steep Slope Protection Area

The Steep Slope Protection Area is comprised of those portions of the Highlands Area encompassing a minimum of 5,000 square feet of contiguous area, which are characterized either by grades of 15% or greater, or, if in a Riparian Area, 10% or greater. The Steep Slope Protection Area includes the following sub-classifications:

A. ***Severely Constrained Slopes.*** All lands having slopes of 20% or greater and lands within Riparian Areas having slopes of 10% and greater.

B. ***Moderately Constrained Slopes.*** All forested non-Riparian Area lands having a slope of 15% to less than 20%.

C. ***Constrained Slopes.*** All non-forested, non-Riparian Area lands having a slope of 15% to less than 20% and exhibiting one or more of the following characteristics: a) highly susceptible to erosion; b) shallow depth to bedrock; or c) a Soil Capability Class indicative of wet or stony soils.

D. ***Limited Constrained Slopes.*** All non-forested, non-Riparian Area lands having a slope of 15% to less than 20%, which are not highly susceptible to erosion, and do not have a shallow depth to bedrock or a Soil Capability Class indicative of wet or stony soils.

§ 4.3.5 Critical Habitat

Critical Habitat is comprised of all land areas in the Highlands Area designated as Critical Wildlife Habitat, Significant Natural Areas, and Vernal Pools, including Vernal Pool Buffers. Each of these is established as an overlay to municipal zoning.

A. ***Critical Wildlife Habitat.*** Within the Planning Area, Critical Wildlife Habitat consists of those areas within NJDEP's Landscape Project Version 3 (or more recent version as amended) that are Landscape Rank 3 through 5. In addition, it includes areas that are designated Landscape Rank 2 and have a Highlands Conservation Rank of Critically Significant or Significant. Within the Preservation Area, Critical Wildlife Habitat consists of those areas within Landscape Rank 2 through 5, including all Highlands Conservation Ranks.

B. ***Significant Natural Areas.*** Significant Natural Areas consist of the 95 NJDEP Natural Heritage Priority Sites, including habitat for documented threatened and endangered plant species, and lands that include unique or regionally significant ecological communities and other significant natural sites and features.

C. ***Vernal Pools.*** Areas designated as Vernal Pools consist of NJDEP-certified vernal pools plus a 1,000-foot wide protection buffer surrounding the perimeter of each such pool. Vernal Pools consist of confined, ephemeral wet depressions that support distinctive, and often endangered, species that are specially adapted to periodic extremes in water pool levels.

§ 4.3.6 Carbonate Rock Areas
Carbonate Rock Areas consist of those portions of the Highlands Area that are underlain by carbonate rock, such as limestone and dolomite. Inclusion of lands within a Carbonate Rock Area does not imply the presence of karst features area-wide, but is indicative of the potential for solution of underlying carbonate rock by surface or ground water, over time.

§ 4.3.7 [Reserved]

§ 4.3.8 Prime Ground Water Recharge Areas
Prime Ground Water Recharge Areas consist of those lands having the highest ground water recharge rates within each HUC14 subwatershed (as indicated by analysis using the GSR-32 methodology of the New Jersey Geological Survey), and that cumulatively provide forty percent (40%) of the total recharge volume for the subwatershed.

§ 4.3.9 Wellhead Protection Areas
Wellhead Protection Areas consist of those areas surrounding a public water system well, from which ground water flows to the well and ground water contamination, if it occurs, may pose a significant threat to the quality of water withdrawn from the well. Wellhead Protection Areas are composed of three tiers reflecting the time required for ground water to flow into the well, as follows:

A. ***Wellhead Protection Area Tier 1.*** That area of land within a Wellhead Protection Area (WHPA) from which the flow of ground water to the well has a Time of Travel of 2 years.

B. ***Wellhead Protection Area Tier 2.*** That area of land within a WHPA from which the flow of ground water to the well has a Time of Travel of 5 years.

C. ***Wellhead Protection Area Tier 3.*** That area of land within a WHPA from the flow of ground water to the well has a Time of Travel of 12 years.

§ 4.3.10 [Reserved]

§ 4.3.11 Agricultural Resource Area
The Agricultural Resource Area consists of those areas of the most concentrated and contiguous agricultural uses as determined based on the prevalence of active farms, contiguous farming units of 250 acres or more, and the presence of Important Farmland Soils.

§ 4.3.12 [Reserved]

§ 4.3.13 Highlands Scenic Resources
Highlands Scenic Resources consist of those properties, sites, and viewsheds listed in the Highlands Scenic Resources Inventory. These include but are not limited to national historic landmarks and publicly-owned federal, state and county parks, forests, and recreation areas.

§ 4.4 ADOPTION OF HIGHLANDS AREA DISTRICT MAPS
All Highlands Area Districts as set forth under § 4.1 through § 4.3, above, including Planning and Preservation Areas, Zones and Sub-Zones, Resource Areas and Special Protection Areas, are hereby established by the designation, location and boundaries as set forth for each respectively, in the following maps, each of which is hereby declared to be a part of this Highlands Area Land Use Ordinance:

§ 4.4.1 Township Highlands Area, Zones, and Sub-Zones

Map entitled "Township of Tewksbury Highlands Area, Highlands Zones and Sub-Zones," dated September 17, 2014 depicting the municipality along with delineation of the Preservation Area, Planning Area, and Highlands Zones and Sub-Zones as provided by the Highlands Council (Exhibit 1).

§ 4.4.2 Highlands Area Resource and Special Protection Areas

Series of Maps depicting the Resource and Special Protection Areas listed at § 4.3.1 through § 4.3.13 above, and also including related features and areas as discussed and defined in Article 6 of this Ordinance; as provided by the Highlands Council.

A. ***"Forest Resource Area, Total Forest Area."*** Map depicting that portion of the Township Highlands Area designated as Forest Resource Area (pursuant to § 4.3.1 above) and including Total Forest Area (as defined at § 6.1); map denoted Exhibit 2.

B. ***"Highlands Open Waters."*** Map depicting Highlands Open Waters located wholly or partially within the Township Highlands Area (pursuant to § 4.3.2 above); map denoted Exhibit 3.

C. ***"Riparian Area."*** Map depicting Riparian Areas (pursuant to § 4.3.3 above) located within the Township Highlands Area; map denoted Exhibit 4.

D. ***"Steep Slope Protection Area."*** Map depicting those portions of the Township Highlands Area having 5,000 square feet or more of contiguous surface area in steep slopes (pursuant to § 4.3.4 above); map denoted Exhibit 5.

E. ***"Critical Wildlife Habitat, Significant Natural Areas, Vernal Pools."*** Map depicting those portions of the Township Highlands Area designated as Critical Wildlife Habitat (pursuant to § 4.3.5 A above); those portions of the Township Highlands Area designated as Significant Natural Areas (pursuant to § 4.3.5 B above); and Vernal Pool locations (by center-point only, non-delineated), including representative Vernal Pool Buffers (1,000-feet from center point), located within the Township Highlands Area (pursuant to § 4.3.5.C above); map denoted Exhibit 6.

F. ***"Carbonate Rock Area, Prime Ground Water Recharge Area, Wellhead Protection Areas."*** Map depicting those portions of the Township Highlands Area designated as Carbonate Rock Areas (pursuant to § 4.3.6 above); those portions of the Township Highlands Area designated as Prime Ground Water Recharge Areas (pursuant to § 4.3.8 above); and the location of public water system wells within the Township Highlands Area and the associated wellhead protection tiers surrounding them (pursuant to § 4.3.9 above); map denoted Exhibit 7.

G. ***"Agricultural Resource Area."*** Map depicting those lands of the Township Highlands Area designated by the Highlands Council as Agricultural Resource Area (pursuant to § 4.3.11 above); map denoted Exhibit 8.

H. ***"Highlands Scenic Resources."*** Map depicting properties located within the Township Highlands Area that are listed in the Highlands Scenic Resources Inventory (pursuant to § 4.3.13 above); map denoted Exhibit 9.

§ 4.5 INTERPRETATION OF DISTRICT MAPS BOUNDARY LINES

All Highlands Area District maps, as set forth at § 4.4 above, have been developed by the Highlands Council using Geographic Information System (GIS) digital data. The provisions herein shall apply to the interpretation and use of Highlands Area District maps and the boundary lines they specify.

§ 4.5.1 Municipal Boundary Lines

The Highlands Act relies upon municipal boundary lines to designate the limits of the Highlands Region. The Highlands Council dataset establishing municipal boundary lines was created by dissolving parcel level polygons (GIS) for each of the 88 municipalities within New Jersey Highlands. Parcels from the following counties have a general accuracy of plus or minus five (5) feet: Bergen, Passaic, Somerset, Sussex, and Warren. Data from Hunterdon and Morris were provided by the counties and may have a different accuracy level. This dataset is for representative purposes only. Where the specific delineation of any municipal boundary line comes into question, municipal information such as metes and bounds surveys shall be relied upon for any final determination.

§ 4.5.2 Township Highlands Area

The Highlands Area, Highlands Zones and Sub-Zones map (§ 4.4.1, above) provides the Highlands Preservation Area Boundary as described by the Highlands Act (N.J.S.A. 13:20-7a). To digitize the survey description, the Highlands Council used the Highlands Parcel Base, the NJDEP Hydrographic Layer for 2002, and the NJDOT Local Road Files from 2005 as references. In accordance with the Highlands Act, any natural geographical feature, including a river, stream or brook, used in the boundary description of the Preservation Area is considered to lie totally within the Preservation Area, while any road, railroad or railroad right of way is considered to lie totally outside of the Preservation Area. The use of property block and lot designations include or exclude property from the Preservation Area, as described. Where a survey gore exists between a property boundary depicted upon a municipal tax map and the limits of a surveyed property noted in the Preservation Area description, the surveyed property boundary description is considered to constitute the Preservation Area boundary.

Additionally, the Preservation Area does not include land located within the boundaries of any regional center or town center designated by the State Planning Commission pursuant to the "State Planning Act," P.L.1985, c.398 (C.52:18A-196 et al.) as of the date of enactment of the Highlands Act, except to the extent necessary as set forth in the boundary description of the Preservation Area to reflect appropriate and nearest practicable, on-the-ground, and easily identified reference points.

§ 4.5.3 Highlands Zones, Sub-Zones, Resource Areas, Special Protection Areas

The boundaries delineated for all Highlands Zones, Sub-Zones, Resource Areas, and Special Protection Areas were developed by the Highlands Council based on the factors noted in the description of each, above. Further discussion is provided in the Township Highlands Environmental Resource Inventory and in the Highlands Element of the Township Master Plan.

§ 4.5.4 Mapping Conflicts

In the event of a conflict concerning the location of any Highlands District boundary line, the delineations provided by the Highlands Council as adopted herein, shall be determinative. Modifications may be requested of the Highlands Council through submittal of an RMP Update, Map Adjustment, or Highlands Center Designation in such manner as required by the Highlands Council, or as specifically provided otherwise in this Ordinance. In the event of any conflict concerning the Preservation Area boundary line, the metes and bounds description provided by the Highlands Act shall govern, with any discrepancy or dispute residing under the shared jurisdiction of the Highlands Council and the NJDEP. In the event of a conflict concerning the delineation of any parcel plotted by the Highlands Council using GIS software, a current property survey shall be determinative.

ARTICLE 5. HIGHLANDS AREA ZONE DISTRICT REGULATIONS

§ 5.1 APPLICABILITY

The provisions of this Article modify the regulations applicable to the underlying municipal Zoning Districts, with specific regard to permitted uses, conditionally permitted uses, prohibited uses, and densities and intensities of development in the Highlands Area.

§ 5.2 USE REGULATIONS

All principal and accessory uses permitted or conditionally permitted by the underlying municipal Zoning Ordinance shall remain in effect as provided therein, except to the extent that such uses may be modified or eliminated by the provisions of this section. Any and all principal and accessory uses prohibited by the underlying Zoning Ordinance shall remain prohibited as provided therein, unless specifically designated as a permitted use by the provisions of this section. The lists of permitted, conditionally permitted and prohibited uses of the underlying Zoning Ordinance are herewith amended as necessary to provide for the use allowances and use restrictions that follow.

§ 5.2.1 Permitted Uses

The permitted uses applicable to that portion of any municipal Zoning District overlain by the Highlands District classifications listed below shall be modified in accordance with the provisions that follow. In addition, any use permitted by the underlying zoning that is cited at § 5.2.2 or § 5.2.3 below, shall be amended in accordance with the provisions set forth therein.

A. ***Agricultural Resource Area.***

1. With the exception of any forested portion of the Agricultural Resource Area that is also designated as a Forest Resource Area, permitted principal uses shall be supplemented to include the agricultural and horticultural uses (defined at § 3.2) specified at § 6.10.3, below. Accessory uses permitted in conjunction with these uses shall include ancillary, incidental or otherwise related supporting uses and the accessory structures devoted to such uses.

2. The permitted principal residential use for any underlying municipal Zoning District which permits single-family residential development as a principal use, shall be restricted solely to residential cluster development in accordance with the Residential Cluster Development standards as set forth at § 8.1, below. This provision shall apply only if the minimum threshold requirements for residential cluster development pursuant to § 8.1.6 can be satisfied. Where the minimum threshold requirements of § 8.1.6 cannot be satisfied, permitted principal residential uses shall remain as permitted by the underlying municipal zoning ordinance.

3. Permitted principal uses shall include the continuance of any lawfully existing residential use permitted by the underlying municipal Zoning Ordinance as of the effective date of this Ordinance.

§ 5.2.2 Conditional Uses

Any use conditionally permitted by the underlying zoning that is cited at § 5.2.1 above or § 5.2.3 below, shall be amended in accordance with the provisions set forth therein.

§ 5.2.3 Prohibited Uses

A. ***Carbonate Rock Area, Prime Ground Water Recharge Area, Wellhead Protection Area.*** The following principal or accessory uses and structures related or devoted to such uses, where otherwise permitted by the underlying municipal Zoning Ordinance, are expressly prohibited from the Prime Ground Water Recharge Area, Wellhead Protection Area Tiers 1 and 2, and from any portion of the Carbonate Rock Area determined to contain karst features, or from any lands identified as discharging surface water into any portion of a designated Carbonate Rock Area determined to contain karst features:

1. Landfills;

2. Facilities for the permanent storage or disposal of hazardous wastes, industrial or municipal sludge or radioactive materials, including solid waste landfills;

3. Collection and transfer facilities for hazardous wastes, solid wastes that contain hazardous materials, and radioactive materials; and

4. Industrial treatment facility lagoons.

B. ***Wellhead Protection Area, Tier 1.*** Any principal or accessory use, or structure related or devoted to such use, which is designated by the Highlands Council as a Major or Minor Potential Contaminant Source (PCS) (see ⎵APPENDIX B and ⎵APPENDIX C), where otherwise permitted by the municipal ordinance, is expressly prohibited from that portion of any Tier 1 Wellhead Protection Area lying within 200 feet of the wellhead.

§ 5.3 DENSITY AND INTENSITY OF DEVELOPMENT

The provisions of this section are intended to ensure that development in the Highlands Area occurs at densities and intensities that are appropriate to the water supply and wastewater treatment options available to support it. These provisions shall serve as a check on the various density/intensity provisions of the underlying Zoning Ordinance, which shall remain in effect to the extent not specifically in conflict with these provisions. The density/intensity allowances of the underlying Zoning Ordinance provisions reflect the intents and purposes set forth for the municipal zoning districts as established by the Township Master Plan and the effectuating Zoning Ordinances. They define and support the intended character and patterns of development for each district, setting forth the relationship between built form in a district and the lot or lots on which it is situated. The provisions of this section relate solely to ensuring that such development: a) does not exceed the capacity of the land, resources and infrastructure available to support it; and b) is designed to minimize land disturbance and protect natural resources.

§ 5.3.1 Use of Terms

For purposes of these provisions, density of development standards refer to requirements of the underlying Zoning Ordinance that regulate the permitted number of dwelling units per acre of land, whether specifically defined as density standards or set forth as minimum lot size requirements for application to specific zoning districts. Intensity of development standards refer to those requirements used to define the relationship between the permitted extent, form and location of development of a lot, to the size, shape and configuration of the lot on which it is situated (e.g., floor area ratio, building coverage, building height, yard setbacks, number of stories).

§ 5.3.2 Base Mapping

Base maps regarding water availability and wastewater treatment capacity appear in the technical information provided in the Conservation and Utility Services Plans of the Township Master Plan Highlands Element. These maps are combined into one for purposes of this Ordinance, denoted as Exhibit 10 and herewith adopted and incorporated, as titled: "Net Water Availability by HUC14 Subwatershed, Highlands Domestic Sewerage Facilities, Public Community Water Systems."

§ 5.3.3 Development Subject to Water Availability

Any proposed increase in the demand for water supply averaging 6,000 gallons per day or more, deriving from Highlands Area ground water sources or from surface water sources that are not associated with a NJDEP-approved safe yield, shall be accompanied by a finding of sufficient water capacity, which finding shall be issued by the Highlands Council. This provision shall apply to all development as defined at § 3.2, expressly including changes in use and modifications to existing uses. Specific requirements pertinent to new development reliant upon ground water supplies may be found at § 6.7. For purposes of determining net increases in water demand associated with modifications to existing uses pursuant to these requirements, the following unit/square footage figures shall apply as 400-gallon-per-day equivalents:

A. Residential Uses (All Types) – 1 dwelling unit

B. Office and Commercial Uses – 2,400 square feet of floor area

C. Industrial (Including Warehousing/Distribution) Uses – 18,182 square feet of floor area (Excluding Process Wastewater Flow)

§ 5.3.4 Development Served by Septic Systems

A. ***Preservation Area.*** Development proposals involving new or increased demand for septic system capacity in the Preservation Area shall be regulated in accordance with NJDEP Preservation Area Rules (N.J.A.C. 7:38). Applicable only to Major Highlands Development, these provisions override any density, intensity, bulk, or other standard of the underlying Zoning Ordinance that would permit a septic system density in excess of that provided therein. The applicable NJDEP septic system density requirements appear below. For septic systems proposed in service to a cluster development, the provisions of Article 8 shall also apply. Nothing herein shall be deemed to apply to the replacement or repair of an existing septic system.

1. *Septic System Density Requirements.* A new individual subsurface disposal system or aggregate of equivalent disposal units where the sanitary wastewater design flow is 2,000 gallons per day or less shall be permitted only in accordance with the density limitations, at a. through d., below. Forest under this subsection shall be identified and calculated as provided at APPENDIX A (from N.J.A.C. 7:38-3). For the purposes of this subsection, "equivalent disposal unit" means: for residential development, one system serving one single-family home sized in accordance with the Standards for Individual Subsurface Sewage Disposal Systems, Volume of Sanitary Sewage, at N.J.A.C. 7:9A-7.4; or for non-residential development or residential development comprising structures other than single-family homes, 500 gallons of wastewater per day generated for the development type, as determined in accordance with N.J.A.C. 7:9A-7.4 (provided at APPENDIX F).

   a) On a lot that contains all forest, there shall be no more than one individual subsurface disposal system or equivalent disposal unit for each 88 acres of the lot;

   b) On a lot that does not contain forest, there shall be no more than one individual subsurface disposal system or equivalent disposal unit for each 25 acres of the lot;

   c) For the purposes of this subsection, the acreage of a lot shall be the total area of the lot(s) on which the proposed development is located as described by deed(s) or subdivision plat(s) on file with the municipal or county clerk.

   d) For a lot containing both forest and non-forest areas, the total number of allowable individual subsurface disposal systems or equivalent disposal units permitted on the lot shall be

determined by calculating the number of acres of the lot that are forest (as determined in accordance with APPENDIX A, from N.J.A.C. 7:38-3.9) and dividing that number by 88; calculating the remaining number of acres of the lot that are not forest and dividing that number by 25; and then summing the results. If the sum results in a fraction, the number shall be rounded down to the nearest whole number in order to determine the number of permitted individual subsurface disposal systems or equivalent disposal units.

e) For purposes of this section, noncontiguous lots in existence as of August 10, 2004 may be aggregated such that the number of individual subsurface disposal systems or equivalent disposal units that would be permitted under this section on one or more of the aggregated lots is transferred to one or more of the aggregated lots provided:

(i) The proposed development on the lot or lots to receive the transferred individual subsurface disposal systems or equivalent disposal units complies with all federal, state and local laws;

(ii) The proposed development on the lot or lots to receive the transferred individual subsurface disposal systems or equivalent disposal units does not require a waiver of any requirement of N.J.A.C. 7:38 and is constructed in accordance with the Highlands Act and N.J.A.C. 7:38, inclusive of 3% maximum impervious surface limitations;

(iii) The lots to be aggregated under this paragraph are all located in the Preservation Area and within the same HUC14; and

(iv) The lot or lots from which the individual subsurface disposal systems or equivalent disposal units are to be transferred are subject to a conservation restriction against future disturbance provided in accordance with N.J.A.C. 7:38-6.3.

2. *Additional Septic System Requirements*. In addition to the requirements above, individual subsurface sewage disposal systems or equivalent disposal units shall satisfy the Standards for Individual Subsurface Sewage Disposal Systems (N.J.A.C. 7:9A) without extraordinary measures, including replacement of disposal field soil with permeable material or mounding of a disposal field to achieve the required depth to ground water or confining layer.

B. ***Planning Area.*** Development proposals involving new or increased demand for septic system capacity in the Planning Area shall be regulated in accordance with this subsection. These provisions shall override any density, intensity, bulk, or other standard of the underlying Zoning Ordinance that would otherwise permit a septic system density or use of septic system yield in excess of that as provided herein. These provisions shall apply equally in the case of any agricultural or horticultural development application proposing three or more residential dwelling units (including accessory dwelling units) served by individual on-site septic system(s). Nothing herein shall be deemed to apply to the replacement or repair of an existing septic system, however.

1. *Septic System Density Allowances.* Septic system density (gross acres per septic system) shall not exceed the following allowances, for each Highlands Zone and Sub-Zone: [

a) Existing Community Zone (and Sub-Zones) – 9 acres/septic system

b) Conservation Zone (and Sub-Zones) – 10 acres/septic system

c) Protection Zone (and Sub-Zones) – 25 acres/septic system

These allowances indicate the minimum acreage required per septic system, where that system is designed for a one-family household generating a maximum flow of 300 gallons of wastewater per day. The resulting acreage shall be applied as the minimum average acreage necessary to support every 300 gallons of daily wastewater flow generated by any proposed use where the unit/square footage figures below shall be applied as 300 gallon-per-day equivalents.

2. *Equivalent Yields*. The following unit/square footage figures shall be applied as 300 gallon-per-day equivalents:

   a) Residential Uses (All Types, except as provided below) – 1 dwelling unit

   b) Deed-Restricted Senior Citizen Residential Units, or Mobile Home Parks with dwelling units less than 500 square feet in size – 1.5 dwelling units

   c) Office and Commercial Uses – 2,400 square feet of floor area

   d) Industrial (Including Warehousing/Distribution) Uses – 18,182 square feet of floor area (Excluding Process Wastewater Flow)

   e) Specific Non-Residential Uses by Facility Type – In lieu of c., or d., above, 300 gallon-per-day equivalents may be computed based on the average sewage volumes provided in APPENDIX F, from N.J.A.C. 7:9A-7.4.

3. *Floor Area.* For the purposes of this subsection, floor area shall comprise the area of each floor of a building lying within the inside perimeter of its exterior walls excluding vent shafts, courts, and unfinished areas such as basements or attics having ceiling heights less than that required for habitable space under the building code.

4. *Additional Septic System Requirements*. In addition to the requirements above, individual subsurface sewage disposal systems or equivalent disposal units shall satisfy all standards for design, installation, and maintenance as set forth in any applicable Township Health Ordinance and any related and applicable regulatory requirements of other agencies having jurisdiction.

§ 5.3.5 Development Served by Existing or Extended Utility Infrastructure

Where lots proposed for development in the Highlands Area are served by existing public water and wastewater utility infrastructure having sufficient available capacity, the density and intensity of new development shall be consistent with all requirements of the underlying municipal Zoning Ordinance. For purposes of this provision, "existing" water and wastewater utility infrastructure refers to that, either: a) lawfully constructed and operational, or b) approved for construction in an Existing Community Zone (excluding the Constrained Sub-Zone) in the Planning Area, under an Areawide Water Quality Management Plan.

§ 5.3.6 New or Extended Utility Infrastructure

A. ***Preservation Area.*** New, expanded or extended public water systems, wastewater collection and treatment systems, and community on-site treatment facilities are prohibited unless approved through issuance of either a Highlands Applicability Determination indicating that a project is exempt from the Highlands Act, or a Highlands Preservation Area Approval with waiver pursuant to N.J.A.C. 7:38.

B. ***Planning Area – Protection Zone, Conservation Zone, and Environmentally-Constrained Sub-Zones.*** New, expanded or extended public water systems, wastewater collection and treatment systems, and community on-site treatment facilities are permitted only where approved by the Highlands Council.

C. ***Planning Area – Existing Community Zone*** *(excluding Environmentally-Constrained Sub-Zone)***.** Expansion or creation of public water systems, wastewater collection and treatment systems, and community on-site treatment facilities are permitted: to serve lands which are appropriate for designated TDR Receiving Zones, infill development, or redevelopment; to address public health and safety; or to serve new areas for development; all of which address all other requirements of this Ordinance. (See applicable provisions at § 7.7 - § 7.8, below.)

§ 5.3.7 Development Served by New or Extended Utilities

Where new development proposed in the Highlands Area will not rely upon installation of septic systems, but will be served by new or extended public water systems, wastewater collection and treatment systems, or community on-site treatment facilities, such development shall be in compliance with any conditions of approval required by the Highlands Council or the NJDEP, as applicable, in connection with amendment of the Areawide Water Quality Management Plan.

ARTICLE 6. HIGHLANDS AREA RESOURCE REGULATIONS

§ 6.1 FOREST RESOURCES

§ 6.1.1 Findings

Forests are a defining visual and functional feature of the Highlands Area. Forests provide habitat and sustenance for a diverse array of plants and animals and are essential to maintaining biodiversity. Forests protect against soil erosion, provide filtration for ground water recharge, and assist in protecting stream water quality. Forests retain moisture and sequester atmospheric carbon, thus helping to stabilize weather patterns and mitigate global warming. Forested areas of the Highlands Area offer important recreational resources, contribute to its unique scenic quality, and when managed sustainably, can provide a long-term source of wood and wood products.

§ 6.1.2 Total Forest Area

All portions of the Highlands Area identified by the Highlands Council as containing forest (as defined at § 3.2) appear as Total Forest Area in the map titled "Forest Resource Area, Total Forest Area" (Exhibit 2), adopted and incorporated as a component of this Ordinance pursuant to § 4.4, above. The Total Forest Area includes forested portions of lands designated as Forest Resource Area, as provided at § 4.3.1, above.

§ 6.1.3 Clear-Cutting Prohibited

Clear-cutting is prohibited in any forested portion of the Highlands Area, whether the affected lands are delineated as Total Forest Area or Forest Resource Area, or consist of lands containing upland forest, as determined under the procedures provided at APPENDIX A.

§ 6.1.4 Standards

Any forest disturbance (as defined at § 3.2) other than that authorized pursuant to an HPAA issued by the NJDEP, shall be permitted only upon a finding by the reviewing board or other applicable municipal authority that the following requirements have been satisfactorily addressed:

A. Demonstration that the proposed disturbance can neither be avoided nor reduced in extent, while adequately providing for a proposed use that otherwise addresses the requirements of this Ordinance;

B. Incorporation of Low Impact Development techniques (see § 7.2) appropriate to the activity or development project proposed;

C. For any proposed disturbance of one half (½) acre or more, other than that associated with the maintenance of a legally pre-existing use or structure (expressly excluding the expansion of any such use or structure), submission, approval and implementation of a Forest Mitigation Plan designed to minimize the extent of such disturbance, protect forest areas adjacent or proximate to the disturbance area, and mitigate for loss of trees or other forest vegetation removed during the course of such disturbance; and

D. Notwithstanding the preceding provisions, in the case of any proposed disturbance that by definition constitutes deforestation, submission, approval and implementation of a Forest Mitigation Plan designed to minimize the extent of deforestation, protect forest areas to remain, and restore or mitigate for forest area loss.

§ 6.1.5 Forest Impact Reports Required

With the exception of forest disturbance authorized pursuant to an HPAA issued by the NJDEP, any application proposing a disturbance requiring a Forest Mitigation Plan pursuant to § 6.1.4 above, shall be accompanied by a Forest Impact Report containing at minimum, the items listed in this subsection.

A. ***All Forest Impact Reports***

1. A map of upland forest area located on or within 500 feet of the subject property, as determined in accordance with Appendix A. A map indicating any on-site areas designated as Forest Resource Area or Total Forest (Exhibit 2). Where access is not available to adjacent properties, the municipal Environmental Resource Inventory and any updated Highlands Council GIS data delineating the Forest Resource Area and Total Forest may be relied upon for off-site forest identification.

2. A description of the nature, density and intensity of the proposed use or activity.

3. A plan indicating the extent of the forest disturbance area, identifying the number, location, species and, for trees of greater than six (6) inches in caliper (measured at 4.5 feet above grade level), the caliper of any trees proposed for removal.

4. A description of the site alternatives analysis undertaken to, in this order: a) avoid forest disturbance; b) minimize forest disturbance; and c) ensure that any forest disturbance that cannot be avoided results in the least impact.

5. A description of the low impact development practices to be used to minimize the disturbance area and its impact; design details to be indicated in development plans, if applicable.

6. If the applicant proposes site-specific forest information that differs from mapped forest resources in Exhibit 2, including information based on the method in APPENDIX A, it must be provided in a format and with sufficient information that the findings may be submitted for verification by the Highlands Council as an RMP Update.

7. An analysis of the effects (direct and indirect) of the proposed use or activity upon forests, including forest areas adjacent and proximate to the disturbance area.

B. ***Deforestation Impact Reports.*** In addition to the items required above for all Forest Impact Reports, any application proposing disturbance that by definition (see § 3.2), constitutes deforestation, shall include:

1. A description of the area surrounding the subject property within a 0.5 mile radius.

2. A map of all forest resources, as described in the Environmental Resources Inventory, within a 0.5 mile radius of the property, including any areas designated as Forest Resource Area or Total Forest (Exhibit 2). Highlands Council Interactive Website mappings may be utilized to address this requirement in the event the affected land area extends into adjoining municipalities.

3. A field survey and description of the local ecological community type(s) on the site and a description of the surrounding, macro-scale ecological community type(s) of which the property is part.

4. An inventory of forest community composition and stand structure. The inventory shall include a description of vegetation species richness, vegetation species composition, stand density and basal area, connectivity with surround forested lands, and the survey method.

5. An impact analysis documenting and describing any increase in forest fragmentation, creation of forest edge, disruption of forest area on steep slopes or riparian areas, or disruption of core forest areas that will occur as a result of the proposed use or activity.

§ 6.1.6 Forest Mitigation Plans

All Forest Mitigation Plans must be prepared by a State of New Jersey Approved Forester or other qualified professional. A Forest Mitigation Plan must include each of the components listed herein.

A. ***Mitigation Priority Area Map.*** Priority Areas are forested locations within the site having the highest ecological value to be targeted for conservation, restoration, or mitigation, including such areas as:

1. Highlands Open Waters and Buffers
2. Riparian Areas, including Floodplains and Floodprone Areas
3. Critical Habitat
4. Steep Slopes and Ridgelines
5. Core Forests and Contiguous Forest Patches

B. ***Protection Plan.*** A plan providing the proposed methodology appropriate to, and by which the applicable mitigation priority areas will be protected throughout the period of forest disturbance and thereafter.

C. ***Forest Protection Plan.*** A plan incorporating pre-construction and construction best management practices to ensure the well-being of forest areas adjacent or proximate to the disturbance area. Such plans shall include prescribed limits of disturbance to be mapped, field marked, and provided with protective fencing prior to the start of any construction activity. Plans shall indicate installation of tree protection fencing along the drip line of trees to be protected, with instructions barring encroachment by machinery or heavy equipment of any kind, and requiring regular inspection and maintenance of fencing throughout the construction period.

D. ***Mitigation Description.*** A description of the proposed forest restoration, tree planting plan or other mitigation initiative proposed to provide equivalent or enhanced forest ecosystem benefit in consideration of the extent and type of disturbance or deforestation that would result if the use or activity is approved.

E. ***Planting Plan.*** A detailed plan indicating the specific plantings proposed for restoration, reforestation or mitigation, including size, species, quantity, location, separation distances, planting details, deer and pest management protections, and maintenance plans.

F. ***Maintenance Agreement.*** A minimum 3-year maintenance agreement that outlines care-taking responsibilities of the applicant once the proposed planting has been completed. The maintenance agreement must include monitoring of newly planted stands, provide for protection devices in working order for 3 years, and ensure at least a 75% survival rate after 3 years.

§ 6.2 HIGHLANDS OPEN WATERS & RIPARIAN RESOURCES

§ 6.2.1 Findings

Highlands Open Waters (.Exhibit 3) include all springs, streams (including intermittent streams), wetlands and bodies of surface water, whether natural or artificial (excluding swimming pools), located wholly or partially within the boundaries of the Highlands Area. Highlands Open Waters contribute to the water resources of the Highlands Region, and ultimately to the water supply of millions of New Jersey citizens. They are essential to the ecologic function of the plant and animal communities of the Highlands Area that depend upon them

for survival. Highlands Open Waters are also an important physical feature of the Township, contributing to its character, aesthetics, history and development, and to its recreational opportunities.

Protection of Highlands Open Waters is vital not only to the municipality, but to the Highlands Region and the state of New Jersey. The provision or preservation/enhancement of buffer areas adjacent to Highlands Open Waters is an integral component to ensuring such protection. Key functional values that buffers provide or contribute to, include but are not limited to: habitat for flora and fauna, stormwater and flood water retention and filtration, water quality protection, temperature moderation, aquatic ecosystem integrity and channel integrity. Highlands Riparian Areas (Exhibit 4) are lands associated with and bordering on Highlands Open Waters, often extending beyond Highlands Open Water buffers. These lands are likewise essential to providing critical hydrologic, ecologic and pollutant attenuation functions for Highlands Open Waters. Riparian areas moderate fluctuations in water temperature, help maintain ground water recharge and stream base flow, stabilize stream banks, and provide flood storage areas. During high flow or overland runoff events, riparian areas reduce erosion and sediment loads to surface water and remove excess nutrients and contaminants from flood water. Riparian areas also provide habitat for a variety of animal species and support terrestrial and aquatic food webs through deposition of woody debris.

It is in the interest of the local community, the Highlands Region, and the state of New Jersey that the Highlands Open Waters of the Township Highlands Area, including associated buffers and Riparian Areas, receive the highest level of protection possible. The map of Highlands Riparian Areas (Exhibit 4) includes all Highlands Open Waters and associated flood prone areas, riparian soils and wildlife corridors.

§ 6.2.2 Highlands Open Waters Protection Buffer

All Highlands Open Waters shall include a minimum 300-foot wide protection buffer, as measured from the edge of the discernible bank of the Highlands Open Waters feature, or from the centerline where no discernible bank exists. These buffers are included in the map of Highlands Open Waters at Exhibit 3 with respect to streams, rivers, ponds, lakes and reservoirs. With respect to wetlands and other Highlands Open Waters features not mapped in Exhibit 3 (e.g., seeps, springs), each shall include a 300-foot wide protection buffer measured from: for the Planning Area, a delineated wetlands line described in a Letter of Interpretation (LOI), or from a field-delineated boundary line for other features; or for the Preservation Area, the delineated limits of the feature, as indicated by a Highlands Resource Area Determination issued by the NJDEP.

§ 6.2.3 Highlands Open Waters Buffer Standards

Highlands Open Waters buffers shall be maintained in their undisturbed or pre-existing condition, unless a disturbance is approved in accordance with the provisions of this section.

A. ***Pre-existing Structures or Improvements.*** Any lawfully pre-existing structure or improvement located within a Highlands Open Waters protection buffer area as of the effective date of this Ordinance may remain and be maintained or rehabilitated, provided that the existing area of disturbance attributed to or associated with such structure or improvement shall not be increased.

B. ***Agricultural & Horticultural Land Uses.*** For purposes of this section, existing agricultural and horticultural uses, whether or not under active management or operation, shall not be included in any assessment of "previously disturbed" buffer areas with regard to proposals for non-agricultural development.

C. ***Approvals Subject to Outside Agency Approvals.*** Approval of any application involving the disturbance of a Highlands Open Waters buffer pursuant to this section shall not be construed to relieve the applicant from the applicable rules, regulations or legal requirements of any other agency having jurisdiction over such buffers, including but not limited to: the NJDEP (e.g., Freshwater Wetland Rules, N.J.A.C. 7:7, Stormwater Management Rules, N.J.A.C. 7:8, Flood Hazard Area Rules,

N.J.A.C. 7:13, NJPDES Rules, N.J.A.C. 7:14A); a Soil Conservation District pursuant to its authority under New Jersey Soil Erosion and Sediment Control Act Rules, N.J.A.C. 2:90; or any county or other regional entity having authority pursuant to a Regional Stormwater Plan adopted by NJDEP under N.J.A.C. 7:8 and N.J.A.C. 7:15.

D. ***Municipal Stormwater Management Requirements.*** Where the provisions of this section are in conflict with the provisions of an adopted municipal stormwater management ordinance [*insert reference, if applicable, e.g., ordinance title, number, effective date*], the more restrictive of the two shall apply.

E. ***Stream Corridor Protection/Restoration Plan.*** Where the provisions of this section are in conflict with the provisions of an adopted Stream Corridor Protection/Restoration Plan [*insert reference, if applicable, e.g., plan title, date of adoption*], the provisions of the adopted Plan shall override.

F. ***Protection Buffer Expansion.*** The provisions of this section shall not be construed to preclude the imposition of a wider protection buffer requirement where site-specific analysis and evaluation by a qualified professional indicates that such expansion is essential to the protection of Highlands Open Waters, associated Riparian Areas, or the habitat of water or wetlands-dependent species (particularly in the case of rare, threatened or endangered species) located therein.

G. ***Preservation Area Standards.*** Any disturbance of a Highlands Open Water buffer proposed in connection with a Major Highlands Development shall be authorized and regulated only by the NJDEP in accordance with NJDEP Preservation Area Rules (N.J.A.C. 7:38) and all other applicable requirements.

H. ***Planning Area Standards.*** Disturbance is prohibited within all Highlands Open Waters and adjacent 300-foot buffers except for linear development, which shall be permitted only provided that there is no feasible alternative for the linear development outside the Highlands Open Waters or Highlands Open Water buffer. The provisions of this subsection shall apply until and unless overridden by ordinance provisions adopted pursuant to a Highlands Council-approved Stream Corridor Protection and Mitigation Plan.

1. To address the "no feasible alternative for linear development" standard, the applicant shall demonstrate that there is no other location, design or configuration for the proposed linear development that would reduce or eliminate the disturbance. For proposed linear development that would provide access to an otherwise developable lot, the applicant shall, in addition, show that:

    a) The proposed linear development is the only point of access for roadways or utilities to an otherwise developable lot; and

    b) Shared driveways are used to the maximum extent possible to access multiple lots.

2. An alternative shall not be excluded from consideration under this subsection merely because it includes or requires an area not owned by the applicant that could reasonably be obtained, utilized, expanded or managed in order to fulfill the basic purpose of the proposed linear development.

3. The reviewing municipal authority shall not approve any application pursuant to this subsection if, after review of the information provided to support an approval, it finds that there is a reasonable alternative to the proposed linear development.

§ 6.2.4 Riparian Area Standards

Disturbance of any portion of a Highlands Riparian Area is prohibited except for linear development, which shall be permitted only provided that there is no feasible alternative for the linear development outside of the Riparian Area. All provisions of § 6.2.3 H above shall apply with regard to the "no feasible alternative" standard. These provisions shall apply until and unless Riparian Area disturbances are otherwise authorized under implementing ordinance provisions adopted pursuant to a Highlands Council-approved Stream Corridor Protection and Mitigation Plan. .

§ 6.3 STEEP SLOPES

§ 6.3.1 Findings

Disturbance of steep slopes can trigger soil erosion and sedimentation, resulting in the loss of topsoil. Steep slope disturbance can contribute to siltation of wetlands, lakes, ponds and streams, which damages and degrades wetland and aquatic habitats. Steep slope disturbance can also result in alteration of drainage patterns, which when severe, can result in land slumping and landslides. Protection of steep slope areas is essential to the safety and stability of the human and non-human environment. Avoiding disturbance of steep slopes protects surface water quality, plant and wildlife habitat, and habitat quality. It also protects ridgelines, hillsides, and mountainous features that provide variation in the landscape, contribute to scenic viewsheds, offer unique recreational opportunities, and in many instances, define the character of an area or region.

The severity and extent of steep slopes, in conjunction with applicable soil characteristics and type and extent of land cover, all affect the potential for damages from the disturbance of steep slopes. The provisions of this section are intended to protect the citizens, buildings and structures, and the natural environment and living ecosystems of the community from harm due to disturbance of steep slopes.

§ 6.3.2 Applicability

The provisions of this section shall apply to the Steep Slope Protection Area (Exhibit 5) and to any other portion of the Highlands Area determined to consist of 5,000 square feet or more of contiguous steep slope(s) (as defined at § 3.2). For purposes of making such determinations, slopes shall be calculated for every two-foot contour interval over the full extent of the existing slope features, regardless of the location of property or other jurisdictional boundary lines.

§ 6.3.3 Steep Slope Standards

A. ***Severely and Moderately Constrained Slopes.*** Disturbance of Severely Constrained and Moderately Constrained Slopes is prohibited, with the exception of that required in connection with a linear development. Such linear development, however, shall be permitted only in the event that there is no feasible alternative for such development outside of the Severely Constrained or Moderately Constrained Slopes.

1. To address the "no feasible alternative for linear development" standard, the applicant shall demonstrate that there is no other location, design or configuration for the proposed linear development that would reduce or eliminate the disturbance of Severely Constrained or Moderately Constrained Slopes. For proposed linear development that would provide access to an otherwise developable lot, the applicant shall in addition, show that:

   a) The proposed linear development is the only point of access for roadways or utilities to an otherwise developable lot; and

   b) Shared driveways are used to the maximum extent possible to access multiple lots.

2. An alternative shall not be excluded from consideration under this subsection merely because it includes or requires an area not owned by the applicant that could reasonably be obtained, utilized, expanded, or managed in order to fulfill the basic purpose of the proposed linear development.

3. The reviewing municipal authority shall not approve any application pursuant to this subsection if, after review of the information submitted to support an approval, it finds that there is a reasonable alternative to the proposed linear development.

B. ***Constrained or Limited Constrained Slopes.*** Disturbance shall be permitted only upon a finding by the reviewing board or other applicable municipal authority that the application includes or satisfactorily addresses each of the requirements following:

1. Demonstration that the proposed steep slope disturbance can neither be avoided nor reduced in extent, while adequately providing for the proposed use.

2. Incorporation of Low Impact Development techniques (pursuant to § 7.2) appropriate to both the proposed activity and the steep slope environment, designed to reduce the extent of disturbance areas, stabilize areas that are disturbed, provide for stormwater management, and protect adjacent areas during site construction.

3. Development layout shall be designed to:

   a) Minimize the need for landform grading and retaining structures;

   b) Incorporate a cluster development format, where feasible, to minimize the extent of development on steep slopes; and

   c) Disturb steep slopes (where such disturbance cannot be avoided) having the minimum potential for slope instability.

4. Site design shall:

   a) Incorporate stabilization techniques that emphasize bioengineering;

   b) Ensure minimized soil loss during and after construction through steep slope-appropriate soil erosion and sediment control techniques;

   c) Prevent direct discharge of stormwater into Highlands Open Waters features;

   d) Provide for control of stormwater velocity and volume such that no net increase in runoff rates occurs between pre- and post-conditions; and

   e) Provide for maximum protection of existing trees, woodlands and surrounding natural vegetated areas.

§ 6.4 CRITICAL HABITAT

§ 6.4.1 Findings

Habitat protection is critical to maintaining biodiversity and providing for the needs of rare, threatened and endangered plant and animal species. Biodiversity is the variety of plant species, animal species and all other organisms found in a particular environment, and is a critical indicator of ecological integrity. This Ordinance

establishes three categories of Critical Habitat in the Highlands Area, as set forth at § 4.3.5, above. Critical Wildlife Habitat includes lands containing habitat for rare, threatened and endangered wildlife species. Significant Natural Areas are those Natural Heritage Program (NHP) Priority Sites within the Highlands Region that are regionally significant due to the presence of either rare or endangered plant species or of unusual or exemplary natural ecological communities. Vernal pools are unique ecosystems that: provide critical breeding habitat for a variety of amphibian and invertebrate species; contribute to local biodiversity by supporting plants, animals and invertebrates that would otherwise not occur in the landscape; and contribute significant amounts of food to adjacent habitats.

Protection of Critical Habitat is essential to the well-being of a wide variety of plants and animals making up the unique ecosystems of the Highlands Area. Such protection is vital to the survival of numerous rare, threatened and endangered species. Protection of Critical Habitat is in the interest of the Township and the Highlands Region, as a whole, not only for its contributions to ecosystem stability and biodiversity, but for its role in the health and stability of the human environment, and its contributions to aesthetic values.

§ 6.4.2 Habitat Conservation and Management Plan

Upon Township adoption of a Habitat Conservation and Management Plan, which, inclusive of any accompanying ordinances, rules or regulations, shall be approved by the Highlands Council, all applications proposing disturbance of a Critical Habitat area shall be filed, reviewed and considered in accordance with the provisions and criteria provided therein.

§ 6.5 CARBONATE ROCK

§ 6.5.1 Findings

The Carbonate Rock Area identifies portions of the Highlands Area underlain by carbonate bedrock or known to contain karst topography. Solution (by water) of carbonate rocks such as limestone and dolomite by surface water or ground water can cause surface depressions and development of irregular, sub-surface rock topography known as karst. These conditions make such areas unstable and susceptible to subsidence and surface collapse. Karst conditions can lead to formation of sinkholes, sinking streams, enlarged bedrock fractures, caves and underground streams. Sinkholes function as funnels, directing surface water runoff into karst aquifers with little or no attenuation of transported contaminants. Stormwater basins, septic system leach fields, sewers, agricultural runoff, lawn runoff, underground pipelines, and soil disturbance all can contribute contaminants directly to ground water through karst features. Soils in sinkhole bottoms may be thin or non-existent. In addition to potential for ground water contamination, karst features present a threat to public safety. Sinkholes and other karst formations can undermine buildings and structures, including infrastructure facilities, such as roads, natural gas lines, water supply and sewer lines, septic systems and stormwater basins.

The provisions of this section are intended to protect the citizens, buildings and structures, and the natural environment, particularly the ground water resources of the Highlands Area from the potential for harm or physical damage associated with land development in areas that may develop karst features.

§ 6.5.2 Applicability

The provisions of this section shall apply to all proposed development in the Carbonate Rock Area (Exhibit 7), including that in both the Preservation Area and the Planning Area.

§ 6.5.3 Geotechnical Investigation Required

Any Application for Development within the limits of the Carbonate Rock Area shall include a Geotechnical Investigation, as provided in this subsection, unless certification is provided by a qualified engineering/geotechnical/geological professional indicating that the area in question is neither underlain by, nor has the potential to develop, karst topography.

A. ***Purpose.*** The purpose for the Geotechnical Investigation is to locate carbonate rock features that may be affected by the development proposal, to reveal the potential threats to public health, safety or welfare, or ground water quality that may result, and to determine the most appropriate ways to address these issues in the design and implementation of the project proposal.

B. ***Professional Required.*** The Geotechnical Investigation must be conducted by a qualified professional, such as geologist, soils or geotechnical engineer, or other licensed professional engineer having experience in karst area investigations and associated development.

C. ***Municipal Review.*** Review and oversight of Geotechnical Investigations shall fall under the purview of the Land Use Board Engineer or Municipal Engineer. For purposes of this subsection, the "Land Use Board Engineer" or "Municipal Engineer" shall refer to the qualified professional engineer or geological expert designated by the municipality to provide review and recommendations concerning matters of a geotechnical nature.

D. ***Program.*** The investigation shall occur in two phases, wherein the results of the first shall determine the need for and extent of requirements pertinent to the second.

1. *Phase I Investigation.*

a) The investigation shall commence with completion of a Phase I Geological Investigation which shall identify the geologic nature of the materials underlying the site. This assessment shall be based on review of existing available information, such as prior investigation reports on properties proximate to the subject parcel(s), aerial photography, as well as on-site field investigation.

b) Phase I findings shall be provided in a summary report including: a description of the site geology; ground water conditions such as depth to water table and direction of flow; an evaluation of the potential impact of the project on ground water quality; and identification of any karst features observed. In addition, the report shall include the geological professional's recommendations as to whether, in light of the proposed development plan, a Phase II Geological Investigation should be prepared and submitted, and whether any portion of the requirements of the Phase II Investigation should be waived.

c) The applicant's geological professional and Land Use Board Engineer or the Municipal Engineer shall review the applicant's Phase I findings in the field.

d) The Municipal Engineer shall determine whether a Phase II Investigation shall be required, based on the data submitted and the recommendation of the applicant's geological professional. The Land Use Board Engineer or Municipal Engineer may recommend a waiver from parts of the Phase II geotechnical evaluation or from part or all of the reporting requirements if in his/her professional opinion, such aspects are not relevant or necessary in formulating the proposed development plan for the site or property in question.

e) In the event that a Phase II Investigation is not required, the Land Use Board Engineer or Municipal Engineer shall provide written certification that the applicant has satisfactorily completed the requirements of the Geotechnical Investigation. Such certification shall include any conditions pertinent to the issuance of such certification that the Land Use Board Engineer or Municipal Engineer may deem necessary or appropriate to ensure the geotechnical sufficiency of the proposed development plan. All materials developed in the course of the Phase I Investigation, inclusive of the Municipal Engineer's evaluation report(s) and recommendations, shall be provided to Land Use Board.

2. *Phase II Investigation.*

a) The purpose of the Phase II Investigation is to delineate and define potential karst areas noted or suspected in the Phase I Geological Investigation, to evaluate the effects of the proposed development on such areas, and to propose methods of protection and mitigation if needed.

b) A Phase II Investigation Plan shall include a narrative describing the types of features to be investigated, their locations, the types of direct/indirect methods to be used and the reasons for their use. Indirect methods include the use of aerial photography, satellite imagery and geophysical procedures, such as ground penetrating radar, electrical conductivity, electrical resistivity, magnetic field, very low frequency measurement, gravity field recording and seismic velocity measurements. Direct methods shall include test pits, test probes, test borings or other appropriate methods. A plan indicating the areas of investigation, proposed locations of testing and types of testing shall accompany the Phase II Investigation Plan.

c) After the Phase II Investigation Plan has been authorized by the Land Use Board Engineer or Municipal Engineer, formal notification shall be issued to the applicant authorizing the commencement of the testing procedures. The development site shall be subject to inspection by the Land Use Board Engineer or Municipal Engineer or designated municipal inspectors at any time. All testing data and results shall be made available to municipal officials and inspectors upon request. Any samples taken shall be properly preserved and shall be available for examination by the Land Use Board Engineer or Municipal Engineer until final action is taken by the Land Use Board on the application.

d) At the completion of the Phase II Investigation, a formal Geotechnical Evaluation Report shall be submitted which shall include a geologic interpretation of the observed subsurface conditions, including soil and rock type, geologic unit, jointing, faulting, voids, fracturing, grain size and sinkhole formation. In addition:

(i) The Report shall provide all information gathered in the course of the testing protocol, including, as applicable: logs of all borings, test pits, and probes including evidence of cavities; loss of drilling fluid circulation during drilling; voids encountered and similar cavities; type of drilling or excavation technique employed; drawings of monitoring or observation wells as installed; time and dates of explorations and tests; reports of chemical analyses of on-site surface and ground water; names of individuals conducting tests if other than the applicant's designated professional; analytical methods used on soils, water samples, and rock samples; a 1" = 100' scale topographic map of the site (at a contour interval of two feet) locating all test pits, borings, wells, seismic or electromagnetic conductivity or other geophysical surveys; and analysis of the ground water including any potentiometric maps constructed from site data or aquifer tests with rate and direction of flow.

(ii) The Report shall include an evaluation of the geotechnical findings in relation to the proposed development, and recommendations for the planning, engineering design and construction techniques to be utilized in accomplishing the project. All design recommendations shall minimize, to the greatest extent practical, impacts upon water quality and structural hazards associated with carbonate rock formations. The engineering solutions proposed to minimize environmental and structural impacts must be clearly detailed.

e) The Land Use Board Engineer or Municipal Engineer shall consider the data, formal reports, maps, drawings and related submission materials and determine whether the proposed design satisfactorily provides:

(i) Sufficient design, construction and operational information to ensure that the proposed development of the tract will not adversely affect the health, safety and welfare of the community;

(ii) Specific details demonstrating that the proposed method of development of the tract will minimize any adverse effects on the quality of surface or subsurface water, and will not alter the character of surface and/or subsurface water flow in a manner detrimental to known on-site or off-site conditions;

(iii) Specific details ensuring that design concepts and construction and operational procedures intended to protect surface and subsurface waters will be properly implemented; and

(iv) Specific details on inspection procedures to be followed during construction and after project completion.

f) Upon a finding of sufficiency, the Land Use Board Engineer or Municipal Engineer shall certify that the applicant has satisfactorily completed the Geotechnical Investigation, and all materials developed in the course of the Investigation process, inclusive of the Land Use Board Engineer or Municipal Engineer's evaluation report(s) and recommendations, shall be provided to Land Use Board.

§ 6.5.4 Carbonate Rock Drainage Area

Applicants seeking approval of development activities in subwatersheds that drain directly to the Carbonate Rock Area shall conduct a Phase I Geological Investigation. The Phase I investigation and Land Use Board Engineer or Municipal Engineer's review shall ensure that any proposed development activity having potential to alter the types, volumes, or rates of runoff entering the Carbonate Rock Area, shall be designed to prevent the formation or enlargement of sinkholes, the introduction of contaminated surface water into ground water aquifers via sinkholes or cavities, or the lowering of the water table.

§ 6.5.5 Conditions of Development Application Approval

Where a Geotechnical Investigation is required in connection with a development application that will be filed with the Land Use Board, the Land Use Board Engineer or Municipal Engineer shall provide recommendations to the Board concerning the application during the course of its review and decision making

A. In no case shall an Application for Development, in either the Carbonate Rock Area or in a subwatershed that drains directly to the Carbonate Rock Area, be approved unless the applicant has demonstrated to the satisfaction of the Land Use Board that all potential hazards to public health and safety, structures and ground water are fully addressed and mitigated, with the maximum emphasis given to nonstructural measures, such as avoidance of modifications to areas having karst potential, use of dry swales to divert runoff away from carbonate rock areas, minimization of site disturbance, and removal or minimization of impervious surface.

B. The following conditions shall accompany the approval of any Application for Development in the Carbonate Rock Area:

1. The location of all sinkholes, disappearing streams or karst features shown on documents submitted under the Phase I and/or Phase II Geologic Investigations shall be drawn on all

preliminary and final plats, site plans and parcel plans. These shall also note any site remediation techniques to be utilized to stabilize any solution channels or subsidence karst features.

2. In the event a previously unidentified carbonate rock feature posing a geologic hazard is discovered during construction, the applicant shall:

   a) Report the occurrence of the hazard to the Land Use Board Engineer or Municipal Engineer within twenty-four (24) hours of discovery;

   b) Halt construction activities which would affect the geologic hazard;

   c) Prepare a report on the geologic hazard which analyzes the impact of the hazard and details a remediation plan for review and approval by the Land Use Board;

   d) After obtaining approval from the Land Use Board, perform necessary remediation of the hazard to prevent or minimize damage to buildings, structures, utilities, driveways, parking areas, roadways and other site improvements, and to minimize pollution of the ground water;

   e) Repair any damage to improvements and restore ground cover and landscaping;

   f) In those cases where the hazard cannot be repaired without adversely affecting the site plan or subdivision, the applicant shall file an amended application for a site plan or subdivision approval in compliance with the provisions of the municipal ordinances.

§ 6.5.6 Potential Contaminant Sources

Where any use or structure classified as a Major Potential Contaminant Source (PCS) (as listed at APPENDIX B) is proposed to be located or expanded within a Carbonate Rock Area determined to contain or have potential to develop karst features, or within any area discharging surface water into a Carbonate Rock Area containing or having potential to develop karst features, the standards of approval provided at subsection § 6.9.3 below, shall apply in addition to the preceding requirements.

§ 6.6 [RESERVED]

§ 6.7 WATER CONSERVATION & DEFICIT MITIGATION

§ 6.7.1 Findings

The water resources of the Highlands Area are critical to supporting the life of the community. Ground water supplies represent the primary source of potable water in the Highlands Region and provide base flow to the Region's streams. The importance of ensuring the high quality and sustainable use of Highlands ground water supplies cannot be overstated. The availability of clean water for human use is critical to the life and economic vitality of the Highlands Area. The availability of water for ecological purposes is critical to sustaining the aquatic ecosystems of streams, ponds and lakes as well as the riparian flora and fauna that depend upon them. When water withdrawals exceed the rate of recharge, ground water supplies diminish, making access more difficult, reducing reliability, and ultimately leading to loss of the potable water source. Overuse of ground water reduces stream base flows, impairs ecological function and integrity, and threatens the long-term reliability of potable water supplies that the community depends upon. The provisions of this section are intended to protect ground water supplies from depletion resulting from unsustainable use. Where ground water supplies are already depleted, these provisions require measures to enhance and restore this vital resource.

§ 6.7.2 Applicability

The provisions of subsection § 6.7.3 below, shall apply to all development within the Highlands Area. The remaining provisions of this section shall apply to any development application proposing a new or increased use of potable or nonpotable water averaging 6,000 gallons per day or more, derived from: a) any ground water source in a Highlands Area HUC14 subwatershed, whether through a public community or non-community water supply system well, a non-public well, or an individual private well; or b) any surface water source in a Highlands Area HUC14 subwatershed that is not associated with a safe yield determined by the NJDEP through a water allocation permit.. Specifically excluded from these provisions (§ 6.7.4 through § 6.7.7), are modifications or improvements to existing uses and structures that do not result in an increase in water demand by an average of 6,000 gallons per day or more.

§ 6.7.3 Water Conservation Requirements

All development proposals shall incorporate, as applicable, the following water conservation measures to promote sound resource use, reduce supply deficits, and reduce the need for additional utility infrastructure:

A. Meet all applicable building code requirements for the use of water conservation fixtures and appliances in new or rehabilitated structures;

B. Provide automatic controls based on rain sensors (or soil moisture) for all new and replacement lawn irrigation systems, as required by the electrical subcode at N.J.A.C. 5:23-3.16;

C. Design all non-potable irrigation water uses to ensure that only the necessary amounts of water are used to achieve optimum plant growth, to the maximum extent practicable;

D. Provide for internal recycling or beneficial reuse of reclaimed water in new commercial development projects, to the maximum extent practicable;

E. Rely on stormwater for irrigation purposes to the maximum extent practicable, including but not limited to methods recommended by the U.S. Green Building Council through its Leadership in Energy and Environmental Design (LEED) program;

F. Reduce water losses to the maximum extent practicable, in the rehabilitation of on-site water supply utility infrastructure, through such means as application of American Water Works Association/International Water Association water loss analysis methods (AWWA Manual M-36 or most recent version).

§ 6.7.4 Net Water Availability

Net Water Availability has been calculated by the Highlands Council for each HUC14 subwatershed located within or partially within the Highlands Area (Exhibit 10). Expressed in million gallons per day (MGD), the values assigned to each HUC14 subwatershed derive from subtracting consumptive and depletive surface and ground water uses for a baseline year, from total ground water availability. Where Net Water Availability figures are negative numbers, the subwatershed is identified as a Current Deficit Area, meaning existing uses exceed sustainable supplies. The map of Net Water Availability by HUC14 Subwatershed provided at Exhibit 10 is herewith adopted and incorporated as a component of this Ordinance.

§ 6.7.5 Conditional Water Availability

For subwatersheds designated as Current Deficit Areas, the Highlands Council has assigned a limited amount of Conditional Water Availability, the use of which is conditioned upon satisfying certain mitigation requirements. Jurisdiction over the use of Conditional Water Availability lies solely with the Highlands Council and shall apply in the case of Current Deficit Areas until such time as a Water Use and Conservation Management Plan for such subwatersheds has been adopted and put into effect.

§ 6.7.6 Water Use and Conservation Management Plan

Where a Highlands Council-approved Water Use and Conservation Management Plan has been established for a municipality, HUC14 subwatershed, or group of HUC14 subwatersheds, any development application involving the use of water derived from such subwatershed(s) shall be regulated fully in accordance with the requirements of such Plan. Adherence to the provisions of an adopted Water Use and Conservation Management Plan shall constitute satisfactory compliance with all of the provisions of this section, including those pertaining to Net Water Availability and Conditional Water Availability.

§ 6.7.7 Absence of Water Use and Conservation Management Plan

In the absence of a Highlands Council-approved Water Use and Conservation Management Plan for a municipality, HUC14 subwatershed, or group of HUC14 subwatersheds, any development application involving the use of water derived from such subwatershed(s) shall be subject to requirements of this subsection.

A. ***Net Water Availability.*** The provisions of this subsection shall apply to any development application proposing the use of Net Water Availability. These requirements shall apply regardless of whether such water is supplied from an on-site well or through a water supply utility.

1. *Highlands Council Findings Required.* No application shall be deemed complete or considered for review by the applicable Board until or unless the Highlands Council has determined that the proposed consumptive or depletive water use will not exceed the remaining Net Water Availability for the source HUC14 subwatershed(s). Such finding shall be provided by formal notification from the Executive Director of the Highlands Council, indicating by reference to specified application submittals (as required by the Highlands Council) that the Highlands Council has reviewed the specific development proposal at issue, and authorizes the increased use of potable or non-potable water therein specified.

2. *Findings Determinative.* Any application revised from that reviewed by the Highlands Council pursuant to A.1, above, shall in no case be approved by the reviewing Board unless the proposed use of Net Water Availability remains equal to or less than that authorized by the Highlands Council through its formal findings. Nothing herein shall be construed to preclude the applicant from seeking a revised Highlands Council determination as to Net Water Availability, however.

B. ***Conditional Water Availability.*** The provisions of this subsection shall apply to any development application proposing the use of Conditional Water Availability. These requirements shall apply regardless of whether such water is supplied from an on-site well or through a water supply utility.

1. *Highlands Council Findings Required.* No application shall be deemed complete or considered for review by the applicable Board until or unless a finding has been issued by the Highlands Council indicating that: a) the proposed consumptive or depletive water use will not exceed the remaining Conditional Water Availability for the source HUC14 subwatershed(s); b) that the applicant has correctly determined the associated mitigation requirement; c) that the proposed development plan will incorporate or otherwise provide for acceptable methods of deficit mitigation; and d) that the mitigation measures proposed by the applicant can be reasonably anticipated to meet the required level of mitigation. Such findings shall be provided by formal notification from the Executive Director of the Highlands Council, indicating by reference to specified application submittals (as required by the Highlands Council) that the Highlands Council has reviewed the relevant components of the development proposal and authorizes it to proceed to the municipal review authority.

2. *Findings Determinative.* Any application revised from that reviewed by the Highlands Council pursuant to B.1, above, shall in no case be approved by the reviewing Board unless: a) the

proposed use of Conditional Water Availability remains equal to or less than that authorized by the Highlands Council through its formal findings; b) the proposed methods of deficit mitigation are consistent with those so approved; and c) the anticipated levels of mitigation are sufficient to meet the associated mitigation requirements. Nothing herein shall be construed to preclude the applicant from seeking a revised Highlands Council determination as to Conditional Water Availability, however.

3. *Deficit Mitigation Requirements.* Applicants proposing the use of Conditional Water Availability shall comply with the deficit mitigation requirements herein.

   a) The mitigation requirement applicable to any development project derives from the Highlands Council *Scaled Mitigation Requirements* table, provided below (Table 1). The figures represent the applicable recharge requirement as a percentage of consumptive/depletive water use.

Table 1. Scaled Mitigation Requirements

	Proposed Consumptive or Depletive Water Use (gpd)				
Deficit (MGD)	<= 1,000	1,001 – 5,000	5,001 – 10,000	10,001 – 25,000	>25,000
0.0001 – 0.050	125%	125%	125%	150%	150%
0.051 – 0.100	125%	125%	125%	150%	150%
0.101 – 0.250	125%	125%	150%	150%	175%
0.251 – 0.500	125%	150%	150%	175%	200%
0.501 – 1.000	125%	150%	175%	175%	200%
1.000 – 7.100	150%	175%	175%	200%	200%

   b) Deficit mitigation must be provided within the same HUC14 subwatershed as from which the source Conditional Water Availability derives. If the project and water source are not located in the same subwatershed, however, only mitigation measures that benefit the source HUC14 subwatershed may be utilized to mitigate the deficit.

   c) The approval of any application proposing off-site deficit mitigation measures, whether through enhanced recharge or offsets from water conservation, shall be subject to the receipt of approvals from the Highlands Council and any other entities having jurisdiction over the activities proposed at the off-site location (whether located within or outside of the municipality).

   d) On-site deficit mitigation measures, whether from enhanced recharge or offsets from water conservation shall be subject to the following criteria:

      (i) Water Conservation Measures. Water Conservation Measures may be credited toward mitigation requirements only with respect to existing land uses with consumptive or depletive water uses. (Such measures must be incorporated into the design of any new improvements, in accordance with § 6.7.3, above.) Approval of any application proposing such measures shall be conditioned upon implementation of the measures prior to receipt of any Certificate of Occupancy or Approval for the project improvements. If conservation measures include such methods as reduced irrigation of landscaping, protective covenants (e.g., homeowner's association by-laws) or other such legal mechanisms must be established to ensure their enforceability.

      (ii) Recharge Measures. The applicant shall include the proposed mitigation measures in the project stormwater management plan, stormwater operation and maintenance manual, and applicable components of site design. The stormwater management plan and O&M

manual shall achieve permanent maintenance and routine monitoring of the mitigation measure(s) so that the required rate of recharge is continuously achieved.

e) Any application for which deficit mitigation requirements cannot be achieved, shall not be approved by the reviewing authority. The applicant may modify any such proposal, however, to reduce the consumptive or depletive water uses to a level at which achieving deficit mitigation requirements is feasible. All applicants shall demonstrate compliance with these standards through submission of a Deficit Mitigation Plan, as provided below.

4. *Deficit Mitigation Plans.* All applicants proposing deficit mitigation shall prepare and submit Deficit Mitigation Plans for approval which shall include the following elements:

a) Detailed justification for the proposed Conditional Water Availability use and documentation that the amount of consumptive or depletive use is minimized (including the conservation measures outlined in subsection § 6.7.3, above).

b) Engineering plans and drawings of mitigation facilities proposed to provide the necessary mitigation in the source HUC14 subwatershed.

c) Sufficient information to demonstrate that the mitigation measures are individually feasible and in the aggregate will meet or exceed the mitigation requirement.

d) Sufficient information to substantiate that the facility will recharge the ground water table such that it reasonably can be expected (e.g., using general ground water flow models) to support aquifer recharge, or to support stream flow with a travel time in excess of one month.

e) Proposed implementation schedule demonstrating compliance with the following timeframe targets:

(i) Satisfaction of mitigation requirements within one (1) year of issuance of building permit(s) if the consumptive or depletive water use is less than 20,000 gpd in the Planning Area or 10,000 gpd in the Preservation Area, on average.

(ii) Satisfaction of mitigation requirements within a longer time period for larger amounts, up to five (5) years from issuance of building permit(s), but no later than upon initiation of the consumptive or depletive water use, except for projects that involve a combination of high current water deficits and large proposed consumptive and depletive water uses as shown in the shaded areas of the table *Scaled Mitigation Requirements* (Table 1., above), in which case, on-site mitigation shall be successfully completed prior to initiation of the water use but may be implemented concurrent with on-site construction. Off-site mitigation shall be successfully completed prior to any on-site construction.

(iii) Mitigation requirements may be phased in keeping with the level of consumptive and depletive water use that actually occurs based on phased construction of a project.

f) Proposed operation, maintenance and monitoring requirements to ensure that sufficient recharge is maintained over time. These requirements shall at a minimum be sufficient to comply with N.J.A.C. 7:8 stormwater maintenance requirements.

5. ***Conditions of Approval.*** As a condition of any approval of a development application, inclusive of the proposed Deficit Mitigation Plan, pursuant to this subsection, the applicant shall:

a) Demonstrate that the entity designated to implement the Deficit Mitigation Plan is qualified and capable of carrying out the plan, regardless of the timeframe involved.

b) Provide proof of acceptance of all responsibilities for implementation of the Deficit Mitigation Plan by the responsible entity.

c) Provide a cost estimate for implementation of the Deficit Mitigation Plan, inclusive of a 10% contingency.

d) Provide performance and maintenance guarantees in accordance with all municipal and MLUL requirements in amounts as approved by the municipal engineer, sufficient to ensure the installation and implementation of all required Deficit Mitigation Plan measures. Such guarantees shall be available to the municipality and secondarily, to the Highlands Council for implementation of the necessary deficit mitigation measures should the applicant fail to properly implement the measures according to the Deficit Mitigation Plan schedule. If the implementing entity is a public agency, the commitment must be in the form of a binding resolution or ordinance of the governing body, and the cost of implementation must be bonded to ensure sufficient resources.

e) Ensure that the responsible entity shall report annually to the Highlands Council and the municipality regarding implementation of the Deficit Mitigation Plan until fully implemented, unless reporting is achieved through effectuation of a Water Use and Conservation Management Plan.

f) Establish an ongoing system of such reporting which must operate until the relevant subwatershed is no longer in deficit, or until the reporting responsibility is absorbed into implementation of an approved Water Use and Conservation Management Plan.

§ 6.8 PRIME GROUND WATER RECHARGE AREAS

§ 6.8.1 Findings

Prime Ground Water Recharge Areas are those lands within a HUC14 subwatershed that most efficiently provide, in the aggregate, 40 percent of total drought recharge volume for the HUC14 subwatershed. Protection of such areas is vital to maintaining the quality and quantity of the ground water resources upon which both human and non-human communities in the Highlands Area heavily rely. It is the intent of the provisions herein to ensure that Prime Ground Water Recharge Areas of the Highlands Area receive the highest possible protection from intrusion to protect both the recharge capacity that they provide and the quality of the ground water supplies that they replenish.

§ 6.8.2 Applicability

The provisions of this section shall apply to any development application involving the Prime Ground Water Recharge Area (Exhibit 7), whether in the Preservation Area or the Planning Area.

§ 6.8.3 Standards

Disturbance of Prime Ground Water Recharge Area (PGWRA) by any regulated development shall be permitted only upon a finding by the reviewing board or other applicable municipal authority that the proposal complies with the provisions of this subsection.

A. ***Avoidance.*** The proposed disturbance cannot be avoided. Development shall not occur in Prime Ground Water Recharge Areas unless either, the entirety of the subject property is located within a Prime Ground Water Recharge Area and thus cannot be avoided, or the disturbance represents the

only viable alternate means to avoid Critical Habitat, Highlands Open Waters buffers, Moderately Constrained Steep Slopes, or Severely Constrained Steep Slopes, to the extent that these resources are also present upon the subject property.

B. ***Minimization.*** The proposed disturbance cannot be minimized. Where total avoidance is not feasible, total recharge area disruption (i.e., alteration of natural recharge patterns or volumes) shall not exceed 15% of the Prime Ground Water Recharge Area located within the affected parcels, placed where feasible on those parts of the PGWRA having the lowest relative recharge rates and the least potential for aquifer recharge based upon site analysis.

C. ***Low Impact Development.*** The proposal incorporates Low Impact Development practices. Low Impact Development practices (see § 7.2) shall be used in the design of the development proposal to reduce total recharge disruption to the minimum feasible, within the 15% cap.

D. ***Mitigation.*** The proposal includes a PGWRA Mitigation Plan. Any development application involving disturbance of a Prime Ground Water Recharge Area shall be accompanied by a mitigation plan, providing for an equivalent of 125% of pre-construction recharge volumes for that portion of the Prime Ground Water Recharge Area that will be disturbed. The recharge mitigation shall occur within the following areas, in order of priority: (1) the same development site to the maximum extent feasible; (2) the same HUC14 subwatershed; or (3) where no feasible option exists in the same HUC14 subwatershed, an interrelated HUC14 subwatershed approved by the Highlands Council.

§ 6.8.4 Potential Contaminant Sources

Where any use or structure classified as a Major Potential Contaminant Source (PCS) (as listed at APPENDIX B) is proposed to be located or expanded within a Prime Ground Water Recharge Area, the standards of approval provided at subsection § 6.9.3 below, shall apply in addition to the preceding requirements.

§ 6.9 WELLHEAD PROTECTION

§ 6.9.1 Findings

Protection of ground water resources that directly provide water to potable water supply wells is vital to the public health, safety and welfare of the community. It is also of primary importance to ensure continued availability of clean drinking water to all that rely upon it. Through regulation of land use, physical facilities and other activities within Wellhead Protection Areas (WHPAs), the potential for ground water contamination can be reduced by preventing the introduction and migration of pollutants into ground water sources that supply water supply wells.

§ 6.9.2 Applicability

The provisions of this section shall apply to all proposed development activities in designated Wellhead Protection Areas (Exhibit 7) in the Highlands Area, whether in the Preservation Area or the Planning Area.

§ 6.9.3 Potential Contaminant Sources

Where any permitted use or structure classified as a Major Potential Contaminant Source (PCS) (as listed at APPENDIX B) is proposed to be located or expanded within a Tier 1 Wellhead Protection Area, the standards of this subsection shall apply. As noted previously, these standards shall also apply to any Major PCS proposed to be located or expanded in: a) any Carbonate Rock Area containing or having potential to develop karst features; b) any area discharging surface water into a Carbonate Rock Area determined to contain or have potential to develop karst features; and c) any portion of a Prime Ground Water Recharge Area. These conditions shall not be construed to waive or obviate any rules, regulations, or other

requirements pertinent to such uses that may derive from outside agencies having jurisdiction, such as the NJDEP.

A. ***Best Management Practices.*** All Major PCS facilities shall be designed in a manner that prevents the unintentional discharge of toxic or hazardous pollutants to ground water, surface water bodies, or the land surface, from all internal and external areas, including loading, storage, and transfer areas, in accordance with the provisions of this section.

1. All portions or areas of a facility in which hazardous substances or hazardous wastes are stored, processed, manufactured or transferred outdoors, shall be designed so that the discharges of hazardous substances will be prevented from overflowing, draining, or leaching into the ground water or surface waters.

2. Containers in which regulated substances are stored must be clearly and visibly labeled and must be kept closed and sealed when material is not being transferred from one container to another.

3. Wherever hazardous substances are stored, processed, manufactured or transferred outdoors, the design features shall include secondary containment and/or diversionary structures which may include but are not limited to any one or a combination of the following:

   a) Containers, dikes, berms or retaining walls sufficiently impermeable to contain spilled hazardous substances, for the duration of a spill event.

   b) Curbing.

   c) Gutter, culverts and other drainage systems.

   d) Weirs, booms and other barriers.

   e) Lined diversion ponds, lined lagoons and lined retention basins, holding tanks, sumps, slop tanks and other collecting systems.

   f) Drip pans.

4. Secondary containment and/or diversionary systems, structure or equipment must meet the following standards:

   a) The system must block all routes by which spilled hazardous substances could be expected to flow, migrate, or escape into the ground water or surface waters.

   b) The system must have sufficient capacity to contain or divert the largest probable single discharge that could occur within the containment area, plus an additional capacity to compensate for any anticipated normal accumulation of rainwater.

   c) In order to prevent the discharge of hazardous substances into ground water, all components of the system shall be made of or lined with impermeable materials sufficient to contain the substance for the duration of a spill event. Such material or liner must be maintained in an impermeable condition.

   d) No manufacturing area, processing area, transfer area, dike storage area, or other storage area, or secondary containment/diversion system appurtenant thereto shall drain into a watercourse, or into a ditch, sewer, pipe or storm drain that leads directly or indirectly into a surface or

subsurface disposal area, unless provision has been made to intercept and treat any spilled hazardous substances in an NJDEP approved industrial wastewater treatment or pre-treatment facility, or other NJDEP approved facility.

e) Outdoor storage of regulated substances in regulated containers and the containment structure must include a cover to minimize accumulation of water in the containment area and contact between precipitation and storage container(s).

5. Catchment basins, lagoons and other containment areas that may contain hazardous substances shall not be located in a manner that would subject them to flooding by natural waterways.

6. Stormwater shall be managed so as to prevent contamination of ground water, and so as to be in accordance with applicable laws and regulations of the state of New Jersey, and of the municipality.

7. All transfers of petroleum from delivery trucks and storage containers over five gallons in capacity shall be conducted over an impervious surface having a positive limiting barrier (e.g. berm, lip) at its perimeter

B. ***Compliance Mechanisms.*** Any of the following permits and authorizations shall be considered equivalent to the best management practices of this Ordinance. As applicable to the PCS involved, these may also be submitted in lieu of an Operations and Contingency Plan, as otherwise required under subsection § 6.9.3.C, following.

1. A NJPDES permit approved by NJDEP pursuant to N.J.A.C. 7:14A;

2. An underground storage tank approved by NJDEP under N.J.A.C. 7:14B;

3. A Discharge Prevention, Containment and Countermeasure Plan (DPCC) approved by NJDEP pursuant to N.J.A.C. 7:1E;

4. A hazardous waste remedial action approved by NJDEP pursuant to N.J.A.C. 7:26B, 26C, 26D or 26E, or by the United State Environmental Protection Agency pursuant to the Resource Conservation Recovery Act (RCRA) or the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA);

5. A hazardous waste facility approved by NJDEP pursuant to N.J.A.C. 26G;

6. Approval by the SCD of a Farm Conservation Plan or Resource System Management Plan pursuant to N.J.A.C. 2:92, (see § 6.10.4 below and APPENDIX E);

7. A solid waste facility approved by NJDEP pursuant to N.J.A.C. 26H; and

8. A high-density Animal Waste Management Plan, an Animal Waste Management Plan, or a Comprehensive Nutrient Management Plan, as appropriate, developed pursuant to N.J.A.C. 2:91.

C. ***Operations and Contingency Plans.*** Unless one of the permits or approvals listed at § 6.9.3 B.1-8 above is provided, or the applicant certifies that no potential contaminants will be stored, discharged, manufactured or used on-site, as a condition of approval of any application involving a Major PCS, the applicant shall prepare and obtain approval of an Operations and Contingency Plan in accordance with the requirements herein. No Certificate of Occupancy or Approval (as appropriate) for the development shall be issued until or unless the qualified professional authorized to administer these

provisions verifies that the Operations and Contingency Plan has been approved and is on file with the appropriate entities.

D. ***Approval of Operations & Contingency Plans.*** The proposed Operations and Contingency Plan shall be submitted to the Board of Health (or equivalent acting authority), Fire Department, Police Departments and Office of Emergency Management, as applicable. These agencies shall review and make any appropriate recommendations for approval or modifications of the Operations and Contingency Plan. The applicant shall incorporate the recommendations to produce a final document, for review by the designated municipal professional and each of the participating agencies. The designated municipal professional shall coordinate the agencies' responses to ensure that the final Plan addresses all concerns of substance. Upon approval by the designated municipal professional, the Plan shall be filed with all applicable entities and put into effect as indicated therein. In the event of any irreconcilable issue in developing or finalizing the Plan, it shall be provided as proposed, to the reviewing Board, along with the recommendations of the designated professional, the participating agencies, and the applicant and applicant's agents and professionals. A decision by the reviewing Board shall be final.

E. ***Required Content of Operations & Contingency Plans.*** An Operations and Contingency Plan shall be developed, where required under this Ordinance, for each Major PCS or group thereof (where multiple sources exist within a single facility owned and operated by a single entity) and shall address the following elements. The Operations and Contingency Plan must demonstrate that the potential for a significant discharge is the lowest technologically feasible:

1. Documentation of the applicable Major Potential Contaminant Sources existing and proposed for the site;

2. Types and quantities of hazardous substances or wastes that may be used, discharged or stored on site;

3. Means used to prevent the spillage, leakage or discharge of such materials;

4. Means to be used to contain or remedy accidental spillage, leakage, discharge or migration of such materials from the site directly or indirectly into ground water;

5. At a minimum, utilize best management practices as defined by § 6.9.3 and as specified by NJDEP and the United States Environmental Protection Agency, including but not limited to the regulations and guidance in the following areas: Discharge Prevention Containment and Countermeasures [N.J.A.C. 7:1E-4.2 (or most current)], Spill Prevention Control and Countermeasures [40 CFR 112.3 et seq.(or most current)], Stormwater and Non-point Source Pollution Control Best Management Practices Manual [NJDEP, April 2004 (or most current)].

6. Specific training of facility personnel to contain or remedy accidental spillage, leakage, discharge or migration of such materials from the site directly or indirectly into ground water, or surface water bodies or the land surface that provide recharge to the underlying aquifer.

7. Procedures including a contact list and phone numbers for notifying the appropriate administrative authorities, including but not limited to NJDEP, the local fire and police, local office of emergency management and the Board of Health, regarding any spillage or discharge of such materials; and

8. Demonstration that the proposed facility is designed to employ best management practices to the maximum extent feasible.

F. ***Confidentiality Protections.*** Any information included in an Operations and Contingency Plan which constitutes proprietary commercial or financial information, or is otherwise protected from disclosure under 7 CFR Part 205.501 and 205.504 or the Open Public Records Act, N.J.S.A. 47:1A-1 et seq., shall be held confidential by all local entities participating in its review or implementation, subject to the limitations set forth therein.

§ 6.10 AGRICULTURAL RESOURCES

§ 6.10.1 Findings

The Highlands Area contains fertile soils, receives plentiful rainfall, and is characterized by a moderate climate favorable to agricultural and horticultural production. The agricultural industry is vital to the State, the region and the community not only for local provision of agricultural products, but for the economic benefits associated with agricultural production and for maintenance of the rural character associated with agricultural lands. It is the intent of this section to promote Sustainable Agriculture (as defined at § 3.2) in the Highlands Area by ensuring the long-term sustainability of agricultural resources and the viability of the agricultural industry. These provisions are intended to ensure a healthy agricultural environment and a sufficient agricultural land base, by protecting farmland and farm soils, promoting farmland preservation, and providing the allowances necessary to permit and support farming and farm operations.

§ 6.10.2 Applicability

The provisions of this section apply to agricultural and horticultural uses in the Highlands Area and to the lands of the Agricultural Resource Area (Exhibit 8), specifically. The Agricultural Resource Area (ARA) consists of the areas of most concentrated and contiguous agricultural uses in the Highlands Area and contains major areas of Important Farmland Soils. These provisions shall apply to both the Preservation Area and the Planning Area.

§ 6.10.3 Agricultural Resource Area

1. ***Agricultural and Horticultural Development.*** In accordance with the provisions of § 5.2.1 above, permitted uses in the ARA (with the exception of any forested portions also designated as Forest Resource Areas) include agricultural and horticultural uses (as defined at § 3.2. Accessory uses permitted in conjunction with such uses include ancillary, incidental or otherwise related supporting uses and the accessory structures devoted to such uses. The specific permitted uses and other applicable requirements pertaining to agricultural and horticultural development in the ARA shall be as set forth in the applicable zone district in accordance with Article VII of the Tewksbury Township Development Regulations Ordinance. *Other Regulations.* Approval of any application proposing agricultural or horticultural development pursuant to this subsection shall in addition, be subject to the provisions of § 6.10.4 through § 6.10.6, below.

B. ***Residential Development.*** Pursuant to § 5.2.1 above, where the underlying zoning permits residential development within any portion of the ARA, the only form of such development permitted is residential cluster development in accordance with the provisions of § 8.1, below, provided the minimum thresholds (see § 8.1.6) can be satisfied. Where such thresholds cannot be met, the allowances for residential development provided in the underlying Zoning Ordinance apply to applications for such development, subject to all density and resource protection requirements of this Ordinance. Lawfully existing residential development in the ARA that does not meet the cluster development requirements of § 8.1, is permitted to continue; it remains under the regulations of the underlying Zoning Ordinance, and is not made nonconforming by the provisions of § 5.2.1.

C. ***Other Development.*** Where the underlying Zoning Ordinance provides for other permitted uses within the ARA, such uses shall remain as permitted uses, unless eliminated or reverted to a conditional or prohibited use by the other provisions of § 5.2.

§ 6.10.4 Conditions of Approval

The approval of any application for agricultural or horticultural development in the Highlands Area is subject to specific requirements concerning the development and implementation of farm conservation plans, as provided in this subsection.

A. ***Preservation Area.*** The approval of any proposal for agricultural or horticultural development in the Preservation Area is subject to specific requirements of the Highlands Act, as provided at APPENDIX D, enforceable by the NJDA or the local Soil Conservation District in accordance with the NJDA Agricultural Development in the Highlands Rules (N.J.A.C. 2:92, APPENDIX E).

B. ***Planning Area.*** The approval of any proposal for agricultural or horticultural development in the Planning Area is subject to the specific requirements listed at B.1 through B.3, below, which are enforceable by the Highlands Council. As a condition of any local approval, the owner or operator of the Farm Management Unit or his/her agent shall be required to obtain a release from the Highlands Council indicating that these requirements have been or will, by formal agreement or other appropriate means, be satisfactorily addressed. This condition shall be satisfied only by submission of a copy of formal notice of such release issued by the Executive Director of the Highlands Council. No permit(s) shall be issued and no land disturbance in connection with the approval shall be permitted until or unless this condition has been satisfied.

1. *Farm Conservation Plan.* The development and implementation of a Farm Conservation Plan (prepared by the USDA NRCS, TSP, appropriate agent, or NJDA staff, and approved by the local SCD) is required as a condition of approval for any agricultural or horticultural development that would result in the increase, since the date of enactment of the Highlands Act (August 10, 2004), either individually or cumulatively, of new agricultural impervious cover of greater than three percent (3%) but less than nine percent (9%) to the total land area of a Farm Management Unit (as defined at § 3.2 above). Solar panels (as defined at Article 3) shall not be included in any calculation of agricultural impervious cover pursuant to this subsection.

2. *Resource Management System Plan.* The development and implementation of a Resource Management System Plan (prepared by the USDA NRCS, TSP, appropriate agent, or NJDA staff, and approved by the local SCD) is required as a condition of approval for any agricultural or horticultural development that would result in the increase, since the date of enactment of the Highlands Act (August 10, 2004), either individually or cumulatively, of new agricultural impervious cover by nine percent (9%) or greater to the total land area of a Farm Management Unit (as defined at § 3.2 above). Solar panels (as defined at Article 3) shall not be included in any calculation of agricultural impervious cover pursuant to this subsection.

3. *Plan Requirements.* Any Farm Conservation Plan required pursuant to this section shall be prepared in conformance with Sections III and IV of the June 1, 2005 NRCS New Jersey Field Office Technical Guide (available electronically at http://www.nrcs.usda.gov/technical/efotg/), as may be amended and supplemented by the NRCS, and shall include all items required under N.J.A.C. 2:92-3.1, for same (see applicable provisions at APPENDIX E). Any Resource Management Systems Plan required pursuant to this section shall be prepared in conformance with all Sections of the same Guide, inclusive of all items required under N.J.A.C. 2:92-4.1, as also provided in APPENDIX E.

§ 6.10.5 Right to Farm

Nothing in these provisions or in the whole of this Ordinance shall be construed to alter or compromise the goals, purposes, policies and provisions of, or lessen the protections afforded to farmers by, the Right to Farm Act, P.L.1983, c.31 (C.4:1C-1 et seq.), and any rules or regulations adopted pursuant thereto.

§ 6.10.6 Approvals Subject to Outside Jurisdiction

The provisions of this section shall not be construed to alter or obviate the requirements of any other applicable state or county laws, rules, or regulations, including specifically N.J.A.C. 2:92, Agricultural Development in the Highlands, as promulgated by the New Jersey Department of Agriculture, or those of the SADC, the CADB, the Soil Conservation Districts, or the NJDEP.

§ 6.11 [RESERVED]

§ 6.12 SCENIC RESOURCES

§ 6.12.1 Findings

The scenic resources of the Township Highlands Area are part of the unique landscape that defines the Highlands Region. These resources are essential to the character and aesthetic quality of the Highlands Area and of the wider Region. Protecting these resources and maintaining the visual integrity and scenic beauty of noteworthy viewsheds and natural and cultural features of significance in the Highlands Region adds social, economic, and environmental benefits to the community. It is the intent of these provisions to ensure the protection of Highlands Area Scenic Resources, both from disturbances that may alter or damage such resources directly, or by intrusion(s) into scenic viewsheds that provide visual access to them, and of which they are a part.

§ 6.12.2 Scenic Resources Management Plan

Any development application involving property containing Highlands Scenic Resources pursuant to Exhibit 9 (and listed as such in the Highlands Element of the Master Plan), or which lies adjacent to any property containing or partially containing a Highlands Scenic Resource, shall comply with all requirements and ordinance provisions adopted pursuant to any Highlands Council-approved Scenic Resources Management Plan. This will occur once the municipality has, pursuant to all applicable provisions of the MLUL (N.J.S.A. 40:55D-1 et seq.) established an Historic/Scenic Resources Preservation Commission authorized to survey, advise and make recommendations concerning scenic resources, adopted an Historic/Scenic Resources Preservation Ordinance, listed a Resource included among the Highlands Scenic Resources (Exhibit 9) in the Historic/Scenic Preservation Element of the Master Plan, and by ordinance designated such Resource as a historic/scenic site or district in accordance with duly-established criteria.

ARTICLE 7. HIGHLANDS AREA GENERAL REGULATIONS

§ 7.1 AFFORDABLE HOUSING

Nothing in this Ordinance shall be construed to waive, obviate, modify or otherwise exempt any covered development project, or any person proposing or involved in such project, from the applicable provisions of the municipal ordinances and any other regulations adopted consistent with the Fair Housing Act to ensure opportunity for low- and moderate-income housing. Neither shall the provisions of this Ordinance be construed to waive or exempt projects that include such housing, from adherence to the requirements of this Ordinance.

§ 7.2 LOW IMPACT DEVELOPMENT

§ 7.2.1 Applicability

The following provisions shall apply to all development applications involving property in the Highlands Area, whether in the Preservation Area or the Planning Area.

§ 7.2.2 Standards

A. Applicants shall demonstrate that the project design process incorporates conservation design planning, including the following steps:

1. Preparation of an existing features and site analysis plan, including identification of Highlands Area resources and Resource Areas;

2. Evaluation of site context through identification of the physical and community character of the surrounding area;

3. Selection of open space conservation areas, where applicable, that maximize the retention of resource values, provide connections to existing trails, open spaces or greenways, and incorporate natural features and characteristics as site amenities;

4. Establishment of development yield (e.g., residential, retail, office) and apportionment of septic system yield, net water availability, and water supply and sewer utility availability, as applicable, and in keeping with all density and intensity requirements of § 5.3, above;

5. Lay out of building lots, if applicable, and incorporation of low impact development design techniques for site design, stormwater management and resource protection; and

6. Incorporation of resource standards and smart growth guidelines.

B. Development applications must achieve stormwater management in compliance with § 7.4, below, including the municipal stormwater management ordinance established in compliance with the municipal stormwater NJPDES permit under N.J.A.C. 7:14A and 7:8, and all applicable NJDEP standards and requirements.

C. Relief from the strict application of the provisions of the underlying municipal Zoning Ordinance applicable to site design shall be considered where necessary to provide for incorporation of smart growth principles and low impact development techniques such as use of shared parking and driveway areas, biofiltration swales, rainwater capture and reuse, and reduced road or driveway widths. Where

such deviations will minimize or eliminate adverse impacts to Highlands natural resources, these benefits shall be given significant weight in the analysis of approval criteria.

D. The site preparation plan shall limit clearing, grading and soil compaction to the minimum required to construct the project in accordance with the approved plans, inclusive of area for construction equipment maneuvering, while ensuring protection of mature trees and habitat outside of the site development area.

E. Landscaping shall use native, drought-tolerant (other than where used in rain gardens, biofiltration swales and other stormwater management facilities), disease-resistant plants, allowing for natural landscaping wherever feasible, and shall under no circumstances include invasive species.

F. Building orientation and design shall be designed to take advantage of micro-climate conditions, to the maximum extent feasible, to maximize solar gain for winter heating, and to minimize solar gain during high temperature summer conditions except where desirable for the construction of solar energy systems. Other energy-efficient features shall be considered and incorporated into site layouts and buildings, as appropriate.

G. The applicant shall ensure reuse and recycling of building materials, to the extent possible, when development involves demolition.

H. All low impact development features shall be maintained through a monitoring and maintenance plan, with procedures for replacing such features as necessary.

§ 7.3 CONSERVATION RESTRICTIONS

§ 7.3.1 Applicability

In the event that a Conservation Restriction is required to effectuate the purposes of this Ordinance, the provisions of this section shall apply. Nothing herein shall be construed to preclude the imposition of Conservation Restrictions in the case of Highlands Resources, Resource Areas, or Special Protection Areas, where the reviewing Board or other applicable authority finds that such restrictions are necessary to protect the particular resource(s) at issue, or to ensure the public health, safety, or general welfare of the community.

§ 7.3.2 Standards

Conservation Restrictions shall be designed to protect the Highlands Resources, Highlands Resource Areas, or Special Protection Areas existing (or as remaining after an authorized disturbance) on the subject property in accordance with the requirements that follow. Any such restrictions shall be so drawn and described as to permit the future use of any underutilized portion of either, the disturbed area coverage allowance or the impervious surface area allowance, as provided for exclusions pursuant to § 2.1.1, above.

A. The Conservation Restriction shall run with the land on which the approved project is located, shall apply to all lots subdivided from that land and sold or transferred to other persons, and shall be binding upon the landowner and his or her successors in interest. To ensure that notice of the conservation restriction is provided to all present and future interested parties, the landowner or contract purchaser receiving the approval shall:

   1. Record the Conservation Restriction(s) in the office of the County Clerk or Register, as applicable prior to commencement of any work authorized under the approval; and

2. Ensure that a copy of the Conservation Restriction is provided to the Highlands Council and to the Municipal Clerk with a request that it be placed in the file for the lot containing the approved project.

B. The Conservation Restriction(s) shall describe and include all regulated features on the property, including any required mitigation. The proposed easement(s) shall be depicted in the proposed plans, inclusive in the case of major site plans and major subdivisions, of plan notes specifying the location and construction of clear and permanent on-site monuments, such as concrete posts, designed to minimize the need for land clearing and avoid obstruction of wildlife movement.

C. The Conservation Restriction shall include either:

1. A survey and a metes and bounds description of the entire restricted area; or

2. A parcel plan showing the survey boundary lines to the full extent of the subject property, and indicating the limits of the existing disturbance area, any additionally-approved disturbance area, and of any area excluded pursuant to § 2.1.1, with the indication that no further development or disturbance shall be permitted; or

3. In the case of no proposed encroachment upon Highlands Resources or Areas, and availability of Highlands Council GIS mappings for all such Resources and Areas present upon the property, copies of all such mappings applicable to the parcel.

D. In the case of preserved farmland or dedicated open space, the Conservation Restriction shall be enforceable by the Highlands Council and the municipality, and at least one of the following, as appropriate: the SADC or CADB, the NJDEP Green Acres Program, or a qualified non-profit land trust organization. All such easements shall require periodic monitoring to ensure that on-going land use and management practices remain protective of the subject resources.

E. All other Conservation Restrictions shall be enforceable by the municipality and, for Planning Area lands, by the Highlands Council, and for Preservation Area lands, the NJDEP and the Highlands Council.

F. The language to be included in the Conservation Restriction shall be reviewed and approved by the Municipal or Board Attorney, as applicable.

§ 7.4 STORMWATER MANAGEMENT

§ 7.4.1 Applicability

The provisions of this section shall apply to any development application involving property in the Preservation Area or the Planning Area, with the exception of any application requiring NJDEP issuance of an HPAA for Major Highlands Development in the Preservation Area.

§ 7.4.2 Standards

A. ***Carbonate Rock Areas.*** Stormwater management plans shall be provided in connection with any application proposing development within a Carbonate Rock Area. Such plans shall be in full compliance with the provisions of § 6.5 above, and shall be approved only upon demonstration that potential hazards to public health and safety, structures and ground water quality due to concentrated surface water flows that dissolve carbonate rock, have been eliminated or otherwise addressed to the satisfaction of the reviewing engineer (or qualified professional). Development plans must indicate the

means and methods by which such discharge shall be mitigated, with the maximum emphasis on use of nonstructural measures and avoidance of modifications to carbonate rock features.

B. ***Beneficial Stormwater Reuse.*** Development applications involving water demands for recreational uses, non-agricultural irrigation, and other non-potable uses shall demonstrate maximum practical stormwater reuse to minimize both the volume of stormwater discharges and the water demand sought for such purposes.

C. ***Regional Stormwater Plans.*** The stormwater management aspects of any development plan shall comply with all applicable components of any regional stormwater management plans adopted by NJDEP pursuant to N.J.A.C. 7:8 and N.J.A.C. 7:15.

D. ***Total Maximum Daily Loads (TMDLs)***. Applications shall be designed in compliance with any TMDL adopted by NJDEP (pursuant to N.J.A.C. 7:15) that has also been adopted by the municipality in compliance with the municipal stormwater management ordinance as established pursuant to the municipal stormwater NJPDES permit under N.J.A.C. 7:14A and 7:8.

E. ***Prime Ground Water Recharge Areas.*** Where disturbance of Prime Ground Water Recharge Area (PGWRA) is permitted under § 6.8, above, the applicant shall demonstrate compliance with all provisions of § 5.2 and § 6.9, above.

F. ***Water Quality.*** To the maximum extent feasible, the plan shall ensure recharge of clean stormwater rather than contaminated stormwater. Where runoff from contaminated areas is unavoidable, the applicant shall incorporate Low Impact Development (see H., below) and other Best Management Practices standards to minimize the discharge of stormwater-entrained pollutants to ground and surface waters.

G. ***Wellhead Protection Areas (WHPA).*** Any stormwater management structure located within a WHPA shall be permitted only in compliance with the provisions of § 5.2 and § 6.9, above.

H. ***Low Impact Development (LID).*** To the maximum extent feasible, LID techniques shall be incorporated into the design of all development proposals, to preserve, mimic and enhance the natural hydrologic cycle, drainage patterns and natural land cover existing on the site, including but not limited to:

1. Implementation of on-site stormwater management features that maintain, restore and enhance the pre-existing natural drainage patterns of the site;

2. Achievement of an on-site stormwater capture performance standard of 80% for average annual precipitation, using low impact development design techniques preferentially, and structural stormwater measures only to the extent necessary;

3. Limitations on the amount of impervious cover on a site as a means to protect and increase stormwater infiltration and reduce stormwater runoff;

4. Use of a "design with nature" approach where natural features are used or enhanced to achieve management of runoff volume, rate and quality of stormwater;

5. Use of grass channels, dry swales, wet swales, infiltration basins, bio-swales and water gardens, green roofs, and other low impact approaches to attenuate and control stormwater and provide multiple environmental benefits; and

6. Minimization of: a) disturbances to natural vegetation and topography; b) exposure of stormwater runoff to pollutant-generating land uses; and c) alterations in the hydrologic response to precipitation through natural patterns.

7. Integration of stormwater management design features with public spaces, existing and proposed landscape features, and buffers, to the extent applicable.

§ 7.5 [RESERVED]

§ 7.6 SEPTIC SYSTEM DESIGN AND MAINTENANCE

The requirements herein apply to proposed development activities reliant upon installation of individual subsurface septic disposal systems, regarding the proper operation, design, development, monitoring, placement and maintenance of septic systems.

A. The design of septic systems shall be in compliance with the Standards for Individual Subsurface Sewage Disposal Systems at N.J.A.C. 7:9A and any applicable Board of Health Ordinance and shall be subject to approval of the Board of Health.

B. All applications shall demonstrate that the proposed plan incorporates the applicable requirements of N.J.A.C. 7:9A with respect to soils suitability, location, size, and separation distances.

C. All applications proposing new septic systems shall incorporate reserve septic system disposal areas for each septic system, which are sufficient with respect to soils suitability, location and size to meet the requirements of N.J.A.C. 7:9A, to ensure the long-term viability of septic systems in new development.

D. Any application proposing a new septic system (or systems) shall be conditioned upon filing of a deed restriction(s) or deed notice(s) protecting the delineated location(s) of the reserve septic system disposal field(s), prohibiting the placement thereon of any permanent structure(s), preserving the area (and its soils) for future installation of a replacement disposal field, and requiring that it be shown on all plans and referenced within any future applications for permits or improvements to the property.

E. All new individual septic disposal systems shall be subject to any applicable septic system management and maintenance requirements of the Board of Health, including those established in the Board of Health Ordinance and in compliance with the standards for septic system maintenance in the Water Quality Management Planning Rules, N.J.A.C. 7:15.

F. The application shall demonstrate compliance with any other Board of Health ordinances to achieve the maintenance of existing and new septic systems.

G. New development proposing to use septic systems shall be designed in a manner that ensures that untreated well water meets state drinking water quality standards for non-natural contaminants and minimizes the risk of well contamination due to the flow of septic systems plumes within or between developed lots, addressing general background water quality and flow patterns, major fracture systems and other appropriate geological, geophysical and hydrogeological issues.

§ 7.7 PUBLIC WATER SYSTEMS

The creation or expansion of any public water system, as permitted in the Existing Community Zone of the Planning Area (pursuant to § 5.3.7, above) shall comply with the following requirements:

A. ***Estimation of Need.*** Development water supply demands shall be calculated based on maximum summer month demand and on annual average demand using demand factors in N.J.A.C. 7:10 "Safe Drinking Water Regulations."

B. ***Water Resource Transfers.*** Applicants shall demonstrate that under the proposed action either:

1. No new or increased water transfer between subwatersheds will occur; or

2. No other option exists to meet public health, safety and welfare objectives, and where such transfers do occur, they are in full compliance with the requirements of § 6.7 above (Water Conservation and Deficit Mitigation), including limitations on demands on the source subwatershed.

§ 7.8 WASTEWATER COLLECTION AND TREATMENT SYSTEMS

The creation or expansion of any wastewater collection and treatment system, as permitted in the Existing Community Zone (including the Lake Community Sub-Zone) of the Planning Area (pursuant to § 5.3.7, above), shall comply with the following requirements:

A. ***WQMP Consistency.*** The proposed system shall be consistent with the relevant Areawide Water Quality Management Plan adopted by NJDEP pursuant to N.J.A.C. 7:15.

B. ***Prohibitions.*** Expansion of sewer service areas shall not be permitted for existing wastewater collection and treatment systems that are non-compliant with NJPDES permit requirements for effluent quality.

C. ***Estimation of Need***. Development wastewater demands shall be calculated based on maximum three month demand and on annual average demand using demand factors in N.J.A.C. 7:14A or N.J.A.C. 7:9A as appropriate.

D. ***Water Resource Transfers.*** Applicants shall demonstrate that under the proposed action either:

1. No new or increased water transfer between subwatersheds will occur; or

2. No other option exists to meet public health, safety and welfare objectives, and where such transfers do occur, they are in full compliance with the requirements of § 6.7 above (Water Conservation and Deficit Mitigation), including limitations on demands on the source subwatershed.

ARTICLE 8. PLANNED DEVELOPMENT REGULATIONS

§ 8.1 RESIDENTIAL CLUSTER DEVELOPMENT

§ 8.1.1 Findings

The intent of this Article is to provide for cluster and conservation design development (hereinafter referred to as cluster development) consistent with the Land Use Plan Element of the Master Plan and as defined at § 3.2. Cluster development is a development design technique under which principal buildings and structures are grouped together on a portion of the Cluster Project Area, while the remaining land area is permanently deed-restricted in agricultural use, for conservation of natural resources, or as open space for environmental protection including public recreational use. Cluster development allows flexibility in the design and lay-out of development projects, providing opportunity for new construction while addressing other priorities, such as: protecting environmentally sensitive areas, preserving large contiguous areas of open space and agricultural land, supporting the continuation of existing agricultural and/or horticultural land uses, and developing attractive residential development consistent with community character.

§ 8.1.2 Applicability

The provisions of this section shall apply to all lands in the ARA, including that in both the Preservation Area and the Planning Area, as provided at § 4.3.11 and as designated in the map entitled "Agricultural Resource Area" (Exhibit 8). The permitted principal residential use for any underlying municipal Zoning District in the ARA which permits single-family residential development as a principal use, is restricted solely to cluster development in compliance with the minimum acreage threshold requirements as provided at §8.1.6 and in accordance with all provisions of this section. Cluster development within the ARA shall be consistent with the Agriculture Retention/Farmland Preservation Plan Element of the Master Plan and the provisions of this ordinance by supporting the preservation of farmland, avoiding conflicts with agriculture, maintaining and enhancing the sustainability and continued viability of the agricultural industry, protecting Important Farmland Soils, and meeting the management and protection provisions of this ordinance for Highlands Area Resources.

§ 8.1.3 Cluster Project Area Standards

The Cluster Project Area (as defined at § 3.2) includes all of the individual parcels from which development is clustered, including the area set aside for preservation and the area set aside for development. A Major Highlands Development in the Preservation Area that proposes or is required to use cluster development shall comply with C. Residential cluster development shall be implemented in accordance with the Highlands Council Cluster/Conservation Design Development Guidelines, incorporated by reference herein, and shall incorporate the provisions below for the Cluster Project Area. The use of clustering in Highlands Zones or Sub-Zones having a high concentration of environmentally sensitive resources will be limited. The use of non-contiguous clustering, wherein the development rights of non-contiguous parcels are aggregated for use upon a single parcel (or group of adjacent parcels) suited to cluster development, shall be permitted and is encouraged where it affords a higher level of protection to Highlands Resources and Resource Areas than would otherwise be the case. Land management and stewardship, including best management practices and conservation and/or management plans, for the Cluster Project Area shall be subject to the provisions of Article 6 for all Highlands Area Resources including, but not limited to protection, restoration, maintenance and mitigation, as applicable.

§ 8.1.4 Preservation Set Aside of Cluster Project Area Standards

A. The area set aside for preservation in a Cluster Project Area shall comprise at least 80% of the total Cluster Project Area, and shall be preserved in perpetuity for agricultural use or for environmental protection. If the Cluster Project Area is served by a public or community on-site wastewater system,

the area set aside for preservation shall comprise at least 90% of the Cluster Project Area to the maximum extent this is feasible. All land preserved in perpetuity shall require a conservation restriction that complies with § 7.2 and is enforceable and monitored by the Highlands Council, the Township, and, where requested by the Highlands Council: for environmental protection, the NJDEP Green Acres or a qualified land trust non-profit organization, or for agricultural use, the CADB or the SADC. All Preservation Set Asides shall be deed-restricted against further subdivision and shall consist of one contiguous parcel, to the maximum extent feasible, unless non-contiguous clustering is utilized.

B. When agricultural resources are preserved the following provisions shall apply:

1. The most productive Important Farmland Soils, determined in accordance with NRCS USDA soil survey data, NJDA and the local SCD shall be given priority in determining the area set aside for agricultural preservation within the Cluster Project Area.

2. The conservation easement or deed restriction and a legally enforceable Homeowner's Agreement, where applicable, shall include Right to Farm Act provisions.

3. Retention of the original farmstead or construction of new farmsteads associated with preserved agricultural lands in cluster developments shall be permitted.

4. The preserved portion of the Cluster Project Area shall be buffered appropriately to avoid conflicts between agricultural operations and adjacent development, including the developed portion of the Cluster Project Area, and to facilitate compliance with Township Right to Farm regulations.

5. This ordinance supports Sustainable Agriculture (as defined at § 3.2 and consistent with the Agriculture Retention/Farmland Preservation Plan Element of the Master Plan) and requires the implementation of best management practices on the agricultural land, including as a condition of any approval, development and implementation of a Farm Conservation Plan (as defined at § 3.2 and described at § 6.10.4) that addresses the protection of water and soil resources, prepared by the USDA NRCS, TSP, appropriate agent or NJDA staff, and approved by the local SCD.

6. Community supported agriculture businesses shall be permitted within the preserved portion of the Cluster Project Area to allow homeowners to take advantage of local agricultural goods and services and to enhance the viability of the agricultural industry.

7. Requirements (e.g., bulk standards) applicable to agricultural development shall be as provided for other agricultural uses at § 6.10.3.

C. When natural resources are protected the following provisions shall apply:

1. Cluster development shall meet the resource management and protection requirements of Article 6 and shall be consistent with the policies of the Conservation Plan Element of the Master Plan.

2. Where high value natural resources are preserved, the conservation easement or deed restriction shall prohibit active recreational uses and facilities, and only allow minimal passive recreational uses dependent upon the nature of the resources.

3. Passive recreational trails shall be allowed provided they do not disturb habitat and shall be natural landscape trails constructed using native pervious materials. Where feasible, such passive recreational trails shall link to existing federal, state and local trail systems, greenways and parks.

4. Buffering techniques, management and stewardship of natural resources, and site design for the Cluster Project Area shall be used, where feasible, to enhance the existing natural resources protected within the Cluster Project Area.

§ 8.1.5 Development Set Aside of Cluster Project Area Standards

A. Cluster development shall be designed to avoid or minimize disturbance of natural resources and agricultural resources (including ARAs) of the Highlands Region in compliance with the provisions of this Ordinance.

B. The total area set aside for development in the Cluster Project Area shall not exceed 20%. To the maximum extent feasible, the developed area of the Cluster Project Area shall occupy no more than 10%, if the project area is served by a public or community on-site wastewater system.

C. For cluster development dependent upon septic systems, the unit yield for the whole of the Cluster Project Area shall be based on the septic system density allowances as established at § 5.3.5, or at the development density allowed under Township zoning, whichever is more restrictive.

1. Septic System density allowances within the Development Set Aside portion of the Cluster Project Area shall not exceed that necessary to ensure that nitrate dilution for the developed portion of the site is maintained at 10 mg/L, or less. These allowances shall be calculated in accordance with the Highlands Council Nitrate Dilution Model, information about which may be found at the following website: http://www.highlands.state.nj.us/njhighlands/planconformance/. This model derives from two independent methods: a mass-dilution (modified Trela-Douglas) model and the New Jersey Geological Survey's (NJGS) ground-water-recharge method. It provides the minimum number of acres required per septic system (applied as an average density) to ensure that recharge is sufficient to achieve nitrate dilution targets.

2. For purposes of this calculation, the following factors, representative of a one-family household, or average wastewater generation of 300 gallons per day, shall be used as inputs to the nitrate dilution model:

   a) Household size of four (4) persons;

   b) Average nitrate loading of ten (10) pounds per person per year; and

   c) Drought ground water recharge for the HUC14 subwatershed as dilution.

3. For purposes of this calculation, septic system yield shall be calculated on the basis of the developed portion of the site only, which shall consist of a contiguous land area including the following:

   (i) All land area proposed to be occupied by buildings, structures and associated improvements, all land area to be disturbed in connection with the construction or installation of such buildings, structures and improvements, and all of the land area intervening; and

   (ii) All land area dedicated to any street or roadway providing public (or common) access to the development, to the limits of the right-of-way, easement, or other area(s) designated to contain such common access; and

(iii) All land dedicated to a community on-site stormwater detention facility, or other like facility providing public (or common) services to the development, each to the limits of the easement, lot line(s), or other area(s) designated to contain such common facility.

D. Water and wastewater availability, expansion, or creation for cluster development shall be in compliance with § 5.3.6 through § 5.3.8 and shall meet the resource management and protection provisions of this Ordinance.

E. Cluster residential development proposing to use septic systems shall meet the resource management and protection provisions of this Ordinance.

F. All infrastructure, open space and utilities necessary to support the residential cluster development shall be located within the Development Set Aside of the Cluster Project Area (i.e. streets, common open space areas, wastewater facilities and stormwater management).

G. Where a municipality has developed and the Highlands Council has approved a plan for the aggregation of cluster developments to minimize the potential for dispersed clusters, the cluster development shall be consistent with such plan.

H. Cluster development shall incorporate smart growth principles where feasible, including but not limited to: a mix of land uses; compact building design; walkable neighborhoods; a range of housing opportunities and choices; foster distinctive communities with a strong sense of place using design techniques illustrated in the Highlands Cluster/Conservation Design Development Guidelines; preserve critical natural and agricultural resources; direct development towards existing infrastructure (i.e. water, wastewater, transportation, and community facilities); provide a variety of transportation choices (i.e. pedestrian, bicycle automobile, bus, rail); and encourage community and stakeholder collaboration in development decisions.

I. Cluster development shall incorporate LID techniques, as set forth at § 7.2.

J. Cluster development shall be designed to maintain the Highlands rural, scenic and historic character and shall consider and harmonize with existing community character with respect to architectural style, scale, massing and arrangement of buildings. Protection of Highlands Scenic Resources (Exhibit 9) shall be considered and incorporated consistent with the provisions at § 6.12. Primary criteria for site design decision-making shall include protection of existing resources and minimization of negative impacts.

K. All buffers and setbacks shall consider and incorporate or harmonize with existing natural, agricultural, historic and scenic resources and with community character. Buffers and setbacks shall be designed to consider and harmonize with the Cluster Project Area and adjacent existing development. Existing natural resources and vegetation (e.g., hedgerows/trees, woodlands or forest, wetlands, streams) shall be retained and may be enhanced as buffer features whenever feasible. Where the cluster development is integrated into an existing neighborhood or center-type development, the developed area of the cluster shall be located behind an existing hedgerow (mature trees) or screened with a new buffer as appropriate, such as a thickly planted berm of native trees or shrubs that is landscaped in such a manner as to resemble existing woodlands.

L. Site disturbance shall be restricted to clearing and grading to the minimum extent necessary to make reasonable use of the designated building envelopes, including but not limited to compliance with LID requirements at § 7.2 and retention of existing mature trees.

M. Cluster development shall be configured to minimize impervious coverage.

§ 8.1.6 Single-Family Dwelling Area, Yard and Bulk Standards

Residential cluster development shall be tailored to the characteristics of the site and its environs, and shall be designed to avoid or minimize disturbance of existing Highlands Area Resources. The following standards shall apply to residential cluster development projects.

A. ***Minimum Acreage Threshold Requirements.***

1. Cluster Development reliant upon on septic systems:

   a) Protection Zone – 120 acres

   b) Conservation Zone – 40 acres

   c) Existing Community Zone – 35 acres

2. Cluster Development served by wastewater utilities:

   a) All Zones – 30 acres

B. ***Net Density/Intensity Threshold Requirements.***

1. New single-family residential cluster development shall be subject to a net septic system density limitation, calculated on the basis of the developed portion of the Cluster Project Area (as provided at § 5.3.5). Such density (acres per septic system) shall comply with a nitrate dilution target for the developed portion of the Cluster Project of 10 mg/L or less.

2. Where new single-family residential development is proposed to rely on existing wastewater utilities the density and intensity standards shall be in compliance with the underlying municipal zoning ordinance.

C. ***Minimum Unit Number Threshold Requirement.*** Application of the acreage and density/intensity requirements of A. and B., above, shall yield a minimum of four (4) dwelling units.

D. ***Bulk Requirements.*** Where the applicant demonstrates and the reviewing Board finds, based upon submission of an analysis of natural and agricultural resources within the Cluster Project Area, that the site design shall be enhanced by reducing the bulk requirements of this subsection (e.g., where existing topography or vegetation provides an effective visual screen), these requirements may be reduced by up to 50%. Such reductions shall similarly apply to the extent they may be necessary to ensure compliance with the density or intensity requirements of B.1 and B.2 above.

1. Cluster Development reliant upon septic systems:

The cluster standards set forth in the Tewksbury Township Development Regulations Ordinance, specifically § 723.1, shall apply for the specific zoning districts included therein except for the following standards which shall be in conformance with the provisions of this Ordinance: (a) minimum tract area; (b) maximum density; (c) minimum number of building lots to cluster; and (d) minimum percentage of common open space.

E. ***Other Requirements.*** All other development requirements for single-family dwellings, including any bulk standards not listed above (e.g., lot coverage, building coverage, building height) shall be as required pursuant to the underlying municipal zoning/land use ordinances. Cluster development within

the Preservation Area may be restricted beyond these requirements, by applicable provisions of NJDEP Preservation Area Rules (e.g., 3% maximum impervious coverage).

ARTICLE 9. APPLICATION REVIEW PROCEDURES & REQUIREMENTS

§ 9.1 APPLICATION PROCEDURES

All procedural requirements regarding applications for zoning permits, construction permits, certificates of occupancy or approval, variance relief, site plan approval, subdivision approval, interpretations, appeals, and any other such application in the Highlands Area shall remain in effect as provided pursuant to the underlying municipal land use ordinances and other applicable codes and regulations in effect at the time of the application, except to the extent these may be modified by the provisions set forth herein.

§ 9.1.1 When Required

All requirements stipulating the circumstances under which such permits or approvals are required, as set forth by the underlying municipal zoning and land use ordinances, and any other applicable codes and regulatory requirements shall remain in full force and effect for the Highlands Area as provided pursuant to such regulations, inclusive of the specific definitions used therein to classify applications for review and consideration by the appropriate municipal authority, including but not limited to such terms as: "major site plan," "minor site plan," "major subdivision," "minor subdivision," "use variance," "conditional use variance," "change in use," "bulk variance," "zoning permit," and "building permit." In the event that the underlying municipal land use ordinances do not require issuance of a permit or other approval for any activity, improvement, or development project covered under the provisions of this Ordinance, a Highlands Resource Permit shall be required in accordance with the provisions of § 9.1.6, below.

§ 9.1.2 Highlands Act Exemptions

Pursuant to § 2.1.1 D above, any application proposing an activity, improvement or development project that qualifies as a Highlands Act Exemption is exempt from the requirements of this Ordinance. Any applicant asserting same, shall, as a condition of application completeness, and in any case prior to municipal review or approval of the application, provide evidence that the proposal qualifies as a Highlands Act Exemption as provided under either, A or B, below.

A. ***State Agency Determination.*** State Agency Determinations shall include either, a Highlands Applicability Determination (HAD) issued by the NJDEP for a Preservation Area proposal, or a Highlands Exemption Determination issued by the Highlands Council for a Planning Area proposal, in either case, indicating that the proposal qualifies as a Highlands Act Exemption. State Agency Determinations are required for any application under this Ordinance involving Highlands Act Exemption #14 or #15. State Agency Determinations are also required for any capital or other project of any State entity or local government unit, or for any other publicly-owned or controlled land or facility; these categories including any project or improvement pertaining to the lands or facilities of the Township of Tewksbury.

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§ 9.1.3 Approvals Subject to Compliance

Approval of any land use-related application pertaining to the Highlands Area, whether a zoning permit application, building permit application, Application for Development (as defined at § 3.2), or any other such application, unless deemed a Highlands Act Exemption pursuant to § 9.1.2 above, is subject to compliance with the provisions of this Ordinance. Prior to any such approval, the reviewing entity shall ensure that the proposed activity, improvement or development project that is the subject of the application under its jurisdiction, is either in full compliance with all applicable provisions of this Ordinance; has received approval(s) from the entity or entities authorized to grant relief from such provision(s); or by its conditioned approval, where permitted herein, will remain subject to the issuance of such approval(s) from the entity or

entities authorized to consider and issue such relief, with such approval(s) to issue prior to any land disturbance related to the proposed activity, improvement or development project.

A. ***Building/Construction Permit Applications.*** Demonstration of compliance with all applicable provisions of this Ordinance shall be required as a Prior Approval to the issuance of any building permit. Proof of such compliance shall be provided in writing, as issued by the applicable reviewing authority or authorities, including but not limited to the Township Zoning Officer, Planner, Engineer, Land Use Board, Board of Health, Health Department.

B. ***Zoning Permit Applications.*** Demonstration of compliance with all applicable provisions of this Ordinance shall be required prior to the issuance of any zoning permit or zoning approval. Where a finding of compliance requires authority or professional expertise outside the purview of the Zoning Official, such proof shall be provided in writing by the applicable reviewing authority or authorities, including but not limited to the Township Planner, Engineer, Land Use Board, Board of Health. In such instances, receipt of such findings of compliance shall constitute mandatory Prior Approvals to the issuance of any zoning permit or approval.

C. ***Applications for Development.*** Prior to granting any approval of an Application for Development, the Land Use Board, as applicable, shall make specific findings of compliance with regard to the applicable provisions of this Ordinance, such findings assisted by the advice and recommendations of the reviewing Board's professionals, including but not limited to the Board Planner, the Board Engineer, and any specialist, expert or other consultant engaged by the Board to assist in any field of specialization. The reviewing Board shall attach certain conditions to any such approval as provided at § 9.2.3 below, but is by no means limited solely to these in making its determination on an application.

§ 9.1.4 Applications Requiring Prior Highlands Council Approval

For any application listed in this subsection, authorization by the Highlands Council shall be obtained prior to a finding of application completeness, and prior to any review or approval of the application by the applicable municipal authority. In all such cases, applications shall be filed with the Highlands Council in accordance with its established submission and procedural guidelines.

A. ***New/Extended Utility Infrastructure.*** Any application proposing installation of new or extended water supply or wastewater collection/treatment utility infrastructure in any Planning Area Zone or Sub-Zone other than: a) the Existing Community Zone (excluding the Existing Community Environmentally Constrained Sub-Zone), or b) Lake Community Sub-Zone, pursuant to § 5.3.7.

B. ***Water Availability.*** Any application proposing new or increased use of potable or nonpotable water averaging 6,000 gallons per day or more, pursuant to § 6.7.2, unless regulated under a Highlands Council-approved Water Use and Conservation Management Plan.

§ 9.1.5 Applications Requiring Prior NJDEP Approval For any applications listed in this subsection, approval by the NJDEP shall be obtained prior to a finding of application completeness, and prior to any review or approval of the application by the applicable municipal authority.

A. ***Major Highlands Developments.*** Any application for a Major Highlands Development in the Preservation Area as defined by the NJDEP Preservation Area rules at N.J.A.C. 7:38.

B. ***New/Extended Utility Infrastructure.*** Any application proposing the installation of new or extended water supply or wastewater collection/treatment infrastructure in any portion of the Preservation Area.

§ 9.1.6 Findings of Compliance

With regard to any application, or any specific aspect of an application for which the Highlands Council or the NJDEP has explicitly issued an approval, the applicable reviewing authority shall find that, to the extent the approval specifically addresses the provisions of this Ordinance, the applicant has demonstrated compliance. Such approvals shall not be construed to waive or obviate other applicable provisions of this Ordinance or of any other applicable municipal or non-municipal ordinances, regulations or requirements. With respect to all other findings of compliance, the provisions of this subsection shall apply.

A. ***Professionals Required.*** Findings of compliance with the provisions of this Ordinance shall be provided only by individuals qualified to review and make such determinations. In many but not all instances these shall require licensed, certified or otherwise qualified professionals such as scientists, engineers, planners or geologists. The following professionals (where the term "professionals" is construed to include any and all qualified individuals licensed, certified, or otherwise eligible and authorized to complete such work, in accordance with the applicable laws and legal requirements of the State of New Jersey) shall, to the extent of their applicable licensure, certification, or other appropriate qualifications, be authorized to review and provide findings pursuant to this Ordinance, and shall be designated as required, by the municipal Governing Body or reviewing Land Use Board, as applicable:

1. *Use, Density, Intensity & Other Bulk Requirements:* Professional Planner; Professional Engineer; Zoning Officer

2. *Forest Resources:* Certified Tree Expert; Forester; Forest Scientist/Ecologist

3. *Highlands Open Waters, Riparian Areas, and Lake Management Areas:* Limnologist; Wetlands or Riparian Scientist/Ecologist; Environmental Engineer (as required for Water Quality Management issues)

4. *Steep Slopes:* Professional Engineer; Geologist; Topographic Surveys: Licensed Land Surveyor

5. *Carbonate Rock Areas:* Geotechnical Engineer; Geologist; other Professional Engineer or Geological Expert qualified and experienced in geological/geotechnical aspects of development

6. *Water Conservation and Deficit Mitigation, Prime Ground Water Recharge Areas, Wellhead Protection Areas, Stormwater Management:* Hydrogeologist; Professional Engineer; Water Resources Engineer; Environmental Engineer

7. *Low Impact Development:* Landscape Architect, Professional Engineer; Environmental Engineer; Professional Planner qualified and experienced in applicable areas

8. *Conservation/Deed Restrictions:* Attorney

B. ***Zoning and Building/Construction Permit Applications.*** Where a zoning or building/construction permit application (or request for approval) is not preceded by an Application for Development under the purview of the Land Use Board, the reviewing official shall rely upon the determination(s) of the individual designated in A., above for findings of compliance with respect to the applicable provisions of this Ordinance.

1. All determinations by the qualified professional shall be determinative in the disposition of any zoning or building/construction permit application with respect to required Prior Approvals.

2. Where the professional determines that an approval may be granted subject to certain conditions, such conditions shall be addressed prior to the issuance of any permit or approval by the building

or zoning official, unless in the estimation of the professional, satisfaction of the required conditions of approval will not be compromised by issuance of the zoning or building/construction permit and are ensured by other means, such as withholding of any final certificates of occupancy or approval.

3. The findings of the review professional shall be provided in writing to both the municipal official(s) responsible for the review and disposition of the zoning or building/construction permit, and to the applicant. Where such findings indicate that the application is not compliant with the applicable provisions of this Ordinance, the review professional shall provide a statement identifying the reasons therefor. Where the review professional indicates that an approval may be granted pending satisfaction of certain conditions, a statement and explanation of the conditions to be attached shall be set forth as well as the reasons therefor.

4. The findings of the review professional may be appealed by any affected party in accordance with the provisions of the underlying land use ordinance, pursuant to N.J.S.A. 40:55D-70(a).

5. The professional review process shall occur as follows:

   a) Upon notice from the municipal official(s) responsible for the review and disposition of the zoning or building/construction permit that a Prior Approval is required, it shall be the applicant's responsibility to prepare a request for review and issuance of such approvals by the designated municipal professional(s).

   b) The applicant shall provide all of the documents and materials required for submission under an Application for Development pursuant to § 9.4, below, to the extent they apply with respect to the particular resources and Ordinance provisions at issue, for review by the professional.

   c) The professional shall provide a completeness determination in writing, within thirty (30) days of receipt of the application materials, which in the event of an incomplete application, shall indicate the reasons therefor. The professional shall have the authority to waive submission of items he or she finds unnecessary or irrelevant to the evaluation and the required report of findings.

   d) The professional shall review and provide a report of findings to both the municipal official(s) and the applicant within forty-five (45) days of the date on which the application is deemed complete.

   e) In the event of a Carbonate Rock Investigation pursuant to § 6.5.3, above, the professional report of findings shall be provided in accordance with the program and scheduling as provided therein.

   f) The review professional shall have authority to issue such waivers and exceptions as provided only in accordance with Article 10, below.

C. ***Highlands Resource Permit Applications.*** In the event that the underlying municipal land use ordinances do not require issuance of a zoning or building permit, or approval of an Application for Development through which compliance with the provisions of this Ordinance may be demonstrated, the provisions herein shall apply.

1. Any person proposing an activity, improvement or development project that will affect a Highlands resource, Resource Area, or Protection Area, shall obtain a Highlands Resource Permit in accordance with this section.

2. Applications shall be made on forms provided by the municipality requiring identification of the owner of the property or properties at issue, the tax block and lot, street address, the extent, location and type of activity proposed, and by submission of a Consistency Determination Report from the Highlands Council website, an indication of the resources potentially affected by the proposed activity.

3. The designated review authority for such applications shall be the Township Zoning Officer.

4. The review and disposition of such applications shall occur as provided for zoning and building/construction permits, in the preceding sections, with approvals being issued only upon a finding of compliance.

D. ***Applications for Development.*** With respect to Applications for Development, findings of compliance shall be provided by the applicable professional(s) through the process of review and consideration undertaken by the Land Use Board. The reviewing Board (or its committee(s), if applicable) shall consider all such findings during the course of the Application for Development, in conjunction with all other relevant information and requirements in rendering a final decision in any matter.

§ 9.2 APPLICATIONS FOR DEVELOPMENT

The provisions of this section shall apply to any Application for Development (see § 3.2, above) under the jurisdiction of the Land Use Board.

§ 9.2.1 Notice & Reporting Requirements

The provisions of this section shall apply in addition to all requirements concerning public notice for Applications for Development as provided under the MLUL and required pursuant to the underlying municipal land use ordinances.

A. ***Notice of Application to Highlands Council***. The applicant for any Application for Development shall provide notice to the Highlands Council at least ten (10) days prior to the date on which the application is scheduled for consideration by the local Board. A copy of the complete application shall accompany such notice regarding any Application for Development involving the potential disturbance of two (2) acres, or more, or a cumulative increase in impervious coverage of one (1) acre, or more. The applicant shall provide copies of any subsequent revisions to such applications to the Highlands Council at the same time these are provided to the reviewing Board. If such plans or plats have been prepared in digital form, they shall be provided to the Highlands Council in a digital format that meets Highlands Council standards for such submissions.

B. ***Scenic Resource Notice Requirements***. Where a project site falls within a Highlands scenic resource area designated by the Highlands Council, or within the Scenic Resources Tier of a Lake Management Area, that crosses municipal or county boundary lines, public notice requirements shall, in addition to the applicable notice requirements of the MLUL, incorporate any supplemental notice provisions as set forth in the adopted Scenic Resource Management Plan.

C. ***Notice of Decision Required.*** The reviewing Board shall provide a certified copy of the fully-executed resolution memorializing its final decision regarding any Application for Development to the Highlands Council within ten (10) days of its adoption. This provision shall apply in all cases, whether the Board approves the Application for Development, denies it, or approves it with conditions.

§ 9.2.2 Board Decisions Subject to Highlands Council Call-Up

All Board decisions pertaining to Applications for Development involving the ultimate disturbance of two (2) acres or more of land or a cumulative increase in impervious surface by one (1) acre or more, are subject to call-up and subsequent review by the Highlands Council in accordance with procedural requirements and timeframes established pursuant to the Highlands Act. The Highlands Council may, on notice to the applicant within 15 days of receipt of the memorializing resolution of the reviewing Board, review and require a public hearing on the application. In that case, subsequent to the hearing the Highlands Council may approve the Application for Development, deny it, or issue an approval with conditions.

§ 9.2.3 Conditions of Approval

The following conditions of approval shall, in addition to any applicable conditions previously set forth under this Ordinance, be attached to any Application for Development approved pursuant to the MLUL, and the provisions of § 9.1, above.

A. ***No Land Disturbance.*** No land disturbance approved in connection with an Application for Development involving the ultimate disturbance of two (2) acres or more of land or a cumulative increase in impervious surface by one (1) acre or more, shall occur until and unless, either:

   1. The Highlands Council call-up period has expired without issuance of a notice seeking review of the application by the Highlands Council; or

   2. The Highlands Council has issued notice and has reviewed the approval pursuant to N.J.S.A. 13:20-17(a)1 and has determined not to deny or modify the approval.

B. ***Amendments.*** In the event that Highlands Council review of an approved Application for Development pursuant to § 9.2.2 above results in a finding that the plans must be modified, the applicant shall amend the application accordingly and submit the amended application to the reviewing Board for approval. Such submissions shall include the written findings and notice of decision of the Highlands Council.

C. ***Conservation Restrictions.*** The applicant shall commit to and, as a condition of approval, perfect a conservation restriction on the undisturbed portions of Highlands Resources, Highlands Resource Areas, and Special Protection Areas located on the subject property, if and as required pursuant to the provisions of § 7.3.

D. ***Musconetcong National Scenic and Recreational River.*** Any applications requiring federal permits, receiving federal funding or involving other federal actions and that may affect resource values of the Musconetcong National Scenic and Recreational River, shall be conditioned upon National Park Service review of the disturbance pursuant to section 10(a) of the National Wild and Scenic Rivers Act.

E. ***Approvals Conditioned on State Approvals.*** All approvals shall be subject to the approval of any and all State agencies or other authorities having jurisdiction over any aspect or aspects of the approved Application for Development.

F. ***As-Built Surveys Required.*** Prior to issuance of any final Certificate of Occupancy or Approval, or to the release of any performance bonding held in relation to the approved Application for Development, the applicant shall provide an "as-built" survey depicting the final site conditions.

G. ***Submission of Final Plans/Plats to Highlands Council.*** The applicant shall provide a copy of any final site plan or subdivision plat to the Highlands Council. If such plans or plats have been prepared in digital form, they shall be provided to the Highlands Council in a digital format that meets Highlands Council standards for such submissions.

1. ***Applications for Development.*** All fee and escrow requirements pertaining to Applications for Development shall remain as set forth in the underlying municipal land use ordinances.

§ 9.3 SUBMISSION CHECKLIST REQUIREMENTS

All applicants seeking approval for any activity, improvement or development project covered under the provisions of this Ordinance shall submit the materials required in this section for review by the applicable municipal authority. In no case shall an Application for Development (as defined in Article 3) be deemed complete or scheduled for Board review until such time as the Board has received all required items in accordance with the provisions herein. Applications for Highlands Resource Permits and for Zoning Permits and Building/Construction Permits requiring Highlands Resource review shall not be considered for such review until such time as the reviewing authority has received all required items in accordance with the provisions herein. In all cases, the submission requirements of this section shall be considered supplemental to the checklist requirements of the underlying municipal land use ordinances.

§ 9.3.1 General Submission Requirements

All applications shall be accompanied by the following:

A. ***Application Fees and Escrow Deposits***

B. ***Completed Application Forms*** 23 copies and a computer disk of proposed subdivision (site Plan) compatible with GIS Arc/View.

C. ***Highlands Act Exemptions.*** Any applicant claiming eligibility for an exemption under the Highlands Act shall provide one of the following:

1. Municipal Exemption Determination as provided under § 9.1.2 (pursuant to Highlands Area Exemption Ordinance); or

2. Highlands Applicability Determination from the NJDEP for a Preservation Area application; or

3. Highlands Exemption Determination from the Highlands Council for a Planning Area application.

D. ***Prior Approvals.*** All applications requiring prior approvals pursuant to the provisions of this Ordinance shall provide evidence of receipt of same, as listed below. All such applications shall be accompanied by copies of the specific plans, reports and other materials to which such approval applies.

1. For any application proposing an increase in the use of Net Water Availability or Conditional Water Availability pursuant to § 6.7, Notice of Findings issued by the Highlands Council pursuant to § 6.7.7.

2. For any application proposing installation of new or extended water supply or wastewater collection/treatment utility infrastructure in any Planning Area Zone or Sub-Zone other than: a) the Existing Community Zone (excluding the Existing Community Environmentally Constrained Sub-Zone), or b) Lake Community Sub-Zone, pursuant to § 5.3.7, Notice of Authorization issued by the Highlands Council.

E. ***Mapping Instructions.*** All mapped information shall be provided for the full parcels affected by the proposed project and a distance of 200 feet from the outer boundaries of all affected parcels. Where this Ordinance requires field surveys of resources, the field survey requirement shall apply only to the affected parcels and shall be conducted by qualified professionals. These include specifically:

contiguous steep slope areas of 5,000 square feet or more which are not within the Steep Slope Protection Area; areas defined as Forest via the methodology provided at Appendix A which are not identified within the Total Forest Area, or which revise the Total Forest Area; if required pursuant to § 6.6.4, the applicable limits of the Lake Management Scenic Resources Tier; and if deemed necessary by the review professional pursuant to § 6.5.4, the boundary lines of any Carbonate Rock Drainage Area. The area within 200 feet of the affected parcels may be mapped using existing data and is not subject to field surveys. Where field surveys are not required for mapping of Highlands resources, the application shall include Highlands Council GIS data. In addition to paper plans, initial plan sets shall be submitted on CD (or other acceptable archival electronic format) in the most recent version of ESRI Shape files (.shp) and in the most recent version of Adobe Acrobat® (.pdf) format. The plans must be geo-referenced using New Jersey State Plane Coordinates NAD83 (or the most current New Jersey State Plane coordinate system). The final approved version shall be submitted in the same manner. Plan revisions (subsequent to the initial plan sets but prior to final approved version) shall be submitted in .shp and .pdf either in archival electronic format or via e-mail. Projects that will disturb less than two (2) acres and will create less than one (1) acre of net impervious surface may be submitted as geo-referenced CAD files in lieu of the ESRI Shape files.

§ 9.3.2 Permit Applications

The submission requirements of this subsection shall apply in addition to those of § 9.4.1 above, in the case of all applications for Highlands Resource Permits and for Zoning or Building/Construction Permits requiring Highlands Resource Review. Where the reviewing authority or designated review professional determines that a submission item listed in this subsection is not applicable to the proposed development project or is unnecessary to the conduct of such review, the authority or designated professional may waive the requirement for its submission. A waiver of submission of any checklist item shall not be construed to preclude the reviewing entity from ultimately requiring the submission of such item, however, if during the course of application review, it is found necessary and relevant in making a determination.

A. ***Base Submission Requirements.***

1. Identification of Highlands Planning Area or Preservation Area and Highlands Zone or Sub-Zone in which the property is located (available through Highlands Council website).

2. Identification of Highlands Resource and Protection Areas in which the property is located, inclusive of Highlands Council maps indicating the boundary lines of same unless fully encompassing the property (Highlands Council website).

3. Existing and proposed use(s) and accessory use(s), including any proposed Major or Minor PCS (listed at APPENDIX B and APPENDIX C).

4. Copy of property survey indicating metes and bounds, existing buildings, structures, impervious surfaces, significant site features (e.g. water bodies), easements or other such encumbrances.

5. Plans showing the proposed area of disturbance for all aspects of the development, including but not limited to buildings, driveways, utilities, landscaped areas and all appurtenant structures.

6. Plans showing the proposed grading, soil conservation plan, and sediment and soil erosion control plan.

7. Plans showing proposed conservation restrictions or easement(s) to be provided (if applicable) pursuant to § 7.3.

8. Plans documenting baseline conditions in all areas designated for public (or non-profit land trust) open space preservation.

9. **Water Use**

   a) Existing and proposed water demand inclusive of calculations based on use and unit/square footage equivalents listed at § 5.3.3.

   b) For any application proposing an average of 6,000 or more gallons per day of new or increased water use pursuant to § 6.7.2:

      (i) All submission items required pursuant to any adopted municipal or subwatershed-based Water Use and Conservation Management Plan (WUCMP).

      (ii) The following, where a WUCMP has not been adopted and the application proposes use of Conditional Water Availability pursuant to § 6.7.7B:

         (a) Information identifying project water demand data, water supply source and water utility provider.

         (b) Identification of the water supply source HUC14(s) for the project, deficit status, and conditional availability as provided by the Highlands Council.

         (c) Deficit Mitigation Plan pursuant to § 6.7.7 B.4.

10. **Septic Systems**

   a) For all applications proposing new septic systems, plans showing the proposed location and configuration of such system(s), including designated area(s) for reserve septic disposal field(s) pursuant to § 7.6. Plan notes indicating that the septic system(s) shall be designed in accordance with N.J.A.C. 7:9A, and that design plans and details are subject to the approval of the Tewksbury Township Board of Health. Proposed deed restrictions to be imposed to prohibit the installation or construction of any permanent improvements within the reserve disposal area(s) pursuant to § 7.6.

11. **Stormwater Management**

   a) For applications regulated under municipal or regional stormwater management plans (or both), all applicable submission requirements pertinent thereto.

   b) Proposed Low Impact Development management practices to minimize the creation or increase of stormwater runoff due to development or disturbance of the site.

12. **Low Impact Development**

   a) Description of Conservation Design Planning process, pursuant to § 7.2.2.

   b) Landscape plan (if applicable) indicating proposed type, species, quantity and location of plantings; planting details.

   c) Description of energy efficiencies incorporated into building(s), building orientation and site design.

d) Description of proposed reuse or recycling of building materials.

13. Any such additional information as the reviewing authority may find necessary to determine compliance with the provisions of this Ordinance.

B. ***Highlands Resource Submission Requirements.*** For applications involving properties containing any Highlands Resource, Highlands Resource Area or Special Protection Area, all submission checklist items required pursuant to each, as provided at § 9.4.4 through § 9.4.13, below.

§ 9.3.3 Applications for Development

The submission requirements of this subsection shall apply in addition to those of § 9.4.1 and § 9.4.2 above, to all Applications for Development involving properties containing Highlands Resources or located within a Highlands Resource Area or Special Protection Area. Where the reviewing Board determines that a submission item listed in this subsection is not applicable to the proposed development project or is unnecessary in the conduct of its review, the Board may waive the requirement for its submission. A waiver of submission of any checklist item shall not be construed to preclude the reviewing Board from ultimately requiring the submission of such item, however, if during the course of application review, it is found necessary and relevant in making a determination.

A. ***Base Submission Requirements.*** In addition to the Base Submission Requirements of § 9.4.2 above, the following shall apply:

1. Existing features and site analysis plan, identifying and mapping:

   a) All Highlands Open Waters and water bodies (including but not limited to rivers, lakes, ponds, reservoirs, wetlands, seeps, springs);

   b) All existing structures (including archaeological features, ruins and stone walls);

   c) All significant physical features; and

   d) Existing trails and greenways, and preserved lands and farmland.

2. Architectural elevation renderings, if structures are proposed (preliminary for subdivision applications).

3. A list of any pre-existing encumbrances affecting the property (e.g., easements, deed restrictions, covenants).

4. Copies of any related surveys, site plans, professional reports and environmental site assessments.

B. ***Highlands Resource Submission Requirements.*** For applications involving properties containing any Highlands Resource, Highlands Resource Area or Special Protection Area, all submission checklist items required pursuant to each, as provided at § 9.4.4 through § 9.4.13, below.

C. ***Cluster Development Requirements.*** For applications proposing Cluster Development pursuant to Article 8, all submission checklist items required pursuant to § 9.4.13, below.

§ 9.3.4 Forest Resources

A. Plans identifying forests using the Highlands Council Forest Resource Area, and Total Forest GIS layers for forest resources.

B. Information identifying upland forests existing outside of the limits of the Total Forest Area by use of the Forest Determination methodology of APPENDIX A (N.J.A.C. 7:38-3.9).

C. Where required in connection with disturbances pursuant to § 6.1.4, Forest Impact Report (§ 6.1.5) and Forest Mitigation Plan (§ 6.1.6).

§ 9.3.5 Highlands Open Waters and Riparian Areas

A. Maps showing the location of all Highlands Open Waters, Highlands Open Waters buffers, and Riparian Areas, as provided in this Ordinance.

B. For linear development pursuant to § 6.2.3 H, all items required as listed therein.

§ 9.3.6 Steep Slopes

A. Map showing limits of Steep Slope Protection Area as provided in this Ordinance.

B. Map showing any additional areas of contiguous steep slopes that, separately or in combination with the Steep Slope Protection Area, constitute an area of 5,000 square feet or more, including, for any proposed disturbance therein, clear delineation of slope classes as defined at § 3.2.

C. For any application proposing linear development of a Moderately or Severely Constrained slope area pursuant to § 6.3.3A, all items as listed and required therein.

D. For any application proposing disturbance of a Constrained or Limited Constrained slope pursuant to § 6.3.3B, a steep slope development plan indicating proposed Low Impact Development techniques, slope stabilization techniques, soil erosion and sediment control measures, stormwater controls, and methods of protection proposed for existing slope vegetation and trees.

E. For any application proposing to disturb 5,000 square feet or more of Constrained or Limited Constrained Steep Slopes :

1. Environmental Impact Statement or Report including specifically: the impact of the proposed development on Highlands Regional Scenic Resources; aesthetic impacts related to visibility and aesthetic quality of the proposed development; the extent of proposed landform grading, stabilization and retaining structures; and impacts on other environmental features addressed by the Steep Slopes provisions of this Ordinance.

2. Hydrology, drainage and flooding analysis report or reports prepared in support of conformance with the municipal stormwater management plan and regulations adopted pursuant to N.J.A.C. 7:8, or a Flood Hazard Area Control Act application pursuant to N.J.A.C. 7:13.

§ 9.3.7 Critical Habitat

A. Maps identifying Critical Habitat using the Critical Habitat GIS layers for Critical Wildlife Habitat, Significant Natural Areas and Vernal Pools, as provided in this Ordinance.

§ 9.3.8 Carbonate Rock Areas

A. Map identifying the limits of Carbonate Rock Area as provided in this Ordinance.

B. For applications proposing development within any Carbonate Rock Drainage Area, map identifying the limits of same.

C. Identification and description of any existing or proposed Major Potential Contaminant Source (APPENDIX B), and proposed Best Management Practices pursuant to § 6.9.3 A.

§ 9.3.9 [Reserved]

§ 9.3.10 Prime Ground Water Recharge Areas

A. Map identifying Prime Ground Water Recharge Areas as provided in this Ordinance.

B. For any application proposing to disturb a Prime Ground Water Recharge Area:

1. Site analysis and proposed Low Impact Development techniques pursuant to § 6.8.3.

2. PGWRA Mitigation Plan pursuant to § 6.8.3 D.

3. Hydrology, drainage and flooding analysis report or reports prepared in support of conformance with municipal stormwater management plan and regulations pursuant to N.J.A.C. 7:8 or a Flood Hazard Area Control Act application pursuant to N.J.A.C. 7:13.

4. Site specific Geologic, Hydrogeologic and Pedologic analysis to determine the overall recharge rate and volume and to determine the location with the lowest recharge potential within the PGWRA. The submitted analysis report shall include appropriately scaled geologic, hydrogeologic and pedologic maps and cross sections showing all pertinent geologic, hydrogeologic and pedologic features. The report shall also present all relevant analytical results, calculations and graphical data.

C. Identification and description of any existing or proposed Major Potential Contaminant Source (APPENDIX B), and proposed Best Management Practices pursuant to § 6.9.3 A.

§ 9.3.11 Wellhead Protection

A. Map identifying Wellhead Protection Areas (WHPAs) and time of travel Tiers as provided in this Ordinance. Where more than one WHPA Tier intersects an existing or proposed Potential Contaminant Source (APPENDIX B and APPENDIX C) within a project site, identify the more protective Tier as the applicable Tier for that Potential Contaminant Source.

B. Identification and description of any existing or proposed Major or Minor Potential Contaminant Sources (APPENDIX B and C).

C. For parcels within a Tier 1 WHPA for which a new or expanded Major PCS is proposed, the proposed Best Management Practices pursuant to § 6.9.3 A.

D. Copies of any related hydrogeologic/geologic reports, remediation reports, results of soil or ground water analyses or other environmental assessment reports (i.e., Phase I or Phase II reports).

§ 9.3.12 Agricultural Resource Areas (ARA)

A. Map identifying the limits of the ARA as provided in this Ordinance.

B. Such additional plans and information as may be required in the review of any agricultural or horticultural development proposal pursuant to municipal provisions set forth at § 6.10.3.

C. For Cluster/Conservation Design Development, all submission checklist items as provided at § 9.4.13, below.

§ 9.3.13 Cluster/Conservation Design Development

A. Property survey(s) identifying the limits and configuration of the proposed Cluster Project Area, inclusive of all contributing parcels in the case of noncontiguous clustering, and indicating all tract or parcel areas to the nearest one hundredth acre.

B. Development plans applicable to the Development Set Aside of the Cluster Project Area, including all details as required pursuant to the municipal subdivision ordinance, to define and describe all proposed supporting infrastructure, including but not limited to: roadways, curbing, sight lines, street right-of-ways, utilities (e.g., water, sewer, gas, electric, telecommunications), stormwater management, lighting, street tree plantings, common areas, signage and landscaping.

C. Development plans applicable to the Development Set Aside indicating proposed buffering, lot lay-out, lot sizes, configurations, and dimensions, building envelopes, building setbacks and yard areas.

D. Proposed plans applicable to the Preservation Set Aside of the Cluster Project Area, including:

1. For ARA applications proposing preserved farmland, information identifying farmland soil quality on the project site, including Prime, Statewide, Unique, and Locally Important farmland soils,.

2. Plans for Agricultural or Horticultural development, including all information required under § 9.4.12 B, above.

3. Plans for open space preservation, if applicable, including active or passive recreation amenities.

4. Proposed Conservation Restrictions pursuant to § 8.1.4, identifying intended dedications regarding all preserved portions, including those applicable to any noncontiguous parcels.

E. Identification of any preserved land or land known to be targeted for preservation (agriculture and open space) located within 200 feet of the subject property.

ARTICLE 10. APPEALS, WAIVERS, EXCEPTIONS

§ 10.1 APPLICABILITY

Except to the extent modified by the provisions of this Article, the existing provisions of the underlying municipal land use ordinance with respect to appeals, waivers and exceptions shall remain in full force and effect. This Article shall not be construed to alter the applicable timeframes, procedural requirements or criteria for decision-making as set forth under the MLUL, and as provided consistent therewith in the underlying municipal land use ordinance.

§ 10.2 APPEALS

A. ***Administrative Officer Decision.*** Any order, requirement or decision of any municipal official made or issued in the course of the enforcement of the provisions of this Ordinance may be appealed to the Zoning Board of Adjustment in accordance with all applicable provisions of the MLUL (including but not limited to N.J.S.A. 40:55D-70(a), -70.2, and -72 through -75).

B. ***Interpretations.*** Requests for interpretation of the maps and various provisions of this Ordinance may be made by application to the Zoning Board of Adjustment pursuant to N.J.S.A. 40:55D-70(b). The Board, in rendering any such decisions shall be guided by the map protocols listed at § 4.5 and the specific language of the Ordinance provisions in question. The Board may seek the advice and counsel of the Highlands Council or if applicable to a Preservation Area boundary line, the NJDEP, in resolving any matter of interpretation and all final Board decisions shall remain subject to Highlands Council call-up and review provisions as set forth at § 9.2.2.

C. ***"C" Variances.*** All MLUL criteria applicable to variance relief under N.J.S.A. 40:55D-70(c) shall apply in the consideration of applications seeking such relief from the provisions of this Ordinance. Such relief shall apply with respect to the requirements of Article 5, Zone District Regulations, § 6.10.3A, Agricultural and Horticultural Development, and § 8.1, Residential Cluster Development, with the exception that for the items listed at E, below, relief shall in addition require prior authorization of the Highlands Council. Where certain deviations from the strict application of the provisions of this Ordinance or the underlying municipal Zoning Ordinance will minimize or eliminate adverse impacts to Highlands Resources, Resource Areas, or Special Protection Areas, these benefits shall be given significant weight in the analysis of approval criteria.

D. ***"D" Variances.*** All MLUL criteria applicable to variance relief under N.J.S.A. 40:55D-70(d) shall apply in the consideration of applications seeking such relief from the relevant provisions of this Ordinance. Such relief shall apply with respect to the requirements of Article 5, Zone District Regulations, § 6.10.3A, Agricultural and Horticultural Development, and § 8.1, Residential Cluster Development, with the exception that for the items listed at E, below, relief shall in addition, require prior authorization of the Highlands Council. Where certain deviations from the strict application of the provisions of this Ordinance or the underlying municipal Zoning Ordinance will minimize or eliminate adverse impacts to Highlands Resources, Resource Areas, or Special Protection Areas, these benefits shall be given significant weight in the analysis of approval criteria. For purposes of clarification, requests for relief that pertain to specific provisions of this Ordinance regarding permitted uses shall be cognizable as requests for "d" variance relief pursuant to N.J.S.A. 40:55D-70(d).

E. ***Highlands Council Jurisdiction.*** Relief from any of the following specific provisions of Article 5 of this Ordinance may be granted by the reviewing Board or other municipal authority only where a waiver has been issued by the Highlands Council. No such application shall be deemed complete or

considered for review by the Board or other municipal authority absent such authorization. Applicants seeking any such relief shall make application directly to the Highlands Council.

1. *Prohibited Uses.* All provisions of § 5.2.3.

2. *Mandatory Residential Cluster Development.* All provisions of § 5.2.1.

3. *Water Availability Requirements.* All provisions of § 5.3.3.

4. *Density.* Any Planning Area application proposing a new or expanded septic system pursuant to § 5.3 or § 8.1, in excess of the permitted septic system density allowance.

§ 10.3 WAIVERS AND EXCEPTIONS

Relief from any provision of Article 6 (with the exception of § 6.10.3 A) or Article 7 of this Ordinance shall require issuance of either a Highlands Act waiver or an exception, as provided in this subsection. Highlands Act waivers may be issued only by the NJDEP or the Highlands Council, as appropriate. Exceptions may be granted by the reviewing municipal Board or authority only where the review standards of this subsection have been satisfied.

§ 10.3.1 Highlands Act Waiver Provisions

Highlands Act waivers may be issued only by the NJDEP or the Highlands Council in accordance with the respective rules and criteria established by each agency in accordance with the provisions of the Highlands Act and the Highlands Regional Master Plan. A Highlands Act waiver shall be required in the event of any application proposing the disturbance of a Highlands Resource, Resource Area or Special Protection Area in excess of, or not in compliance with, that authorized under the applicable provisions of Article 6 and Article 7 of this Ordinance. Highlands Act waivers shall also be required for any application proposing: a) use of net or conditional water availability in excess of that authorized by the Highlands Council; b) water deficit mitigation insufficient to comply with mitigation requirements of the Highlands Council pursuant to § 6.7.7 B.; or c) installation or expansion of a use or structure listed as a PCS at Appendix B or Appendix C (where not otherwise prohibited by use restrictions of § 5.2.3) in a manner inconsistent with all provisions and conditions of approval of § 6.9.3. The issuance of a Highlands Act Waiver shall in no case be construed to alter or obviate the requirements of any other applicable State or local laws, rules, regulations, development regulations, or ordinances.

§ 10.3.2 Municipal Exception Provisions

A. For applications other than those cited at § 10.3.1, above, the reviewing Board or other authority may grant exceptions from the strict application of the provisions of Article 6 and Article 7 of this Ordinance only where the applicant demonstrates and the reviewing entity finds that:

   1. The deviation is unavoidable and represents the minimum feasible under the particular circumstances surrounding the project proposal, and the grant of relief is reasonable, necessary and supports the general purpose and intent of the applicable provisions; or

   2. The literal enforcement of the provision(s) of the ordinance at issue is impracticable or will exact undue hardship because of peculiar conditions pertaining to the land in question.

B. The approval of an exception must be accompanied by a detailed justification provided in writing, including at a minimum an explanation of how and to what extent the following conditions are addressed:

1. The exception addresses A.1 or A.2 above;

2. The exception provides relief only to the minimum extent necessary;

3. Other environmental features are not damaged in the process of protecting the regulated resources; and

4. No alternative exists that will allow for at least a minimum practical use of the property (if applicable).

ARTICLE 11. ENFORCEMENT, VIOLATIONS, PENALTIES

§ 11.1 ENFORCEMENT

Enforcement of the provisions of this Ordinance shall be the responsibility of the Township Zoning Officer, Engineer, Health Department, Construction Code Official and any other officer or entity designated by the Township Administrator, Manager, or Governing Body, as applicable. Enforcement shall occur in the case of any activity, improvement, or development project that violates any provision of this Ordinance, whether or not subject to a permitting or approval process pursuant to this Ordinance, or the underlying municipal land use ordinances.

§ 11.2 INSPECTIONS

A. ***Site Inspections.*** The Land use Board Engineer and/or Township Engineer is authorized to and shall inspect all project sites for compliance with development approvals pursuant to this Ordinance. The Inspector shall in addition:

1. Verify of baseline conditions in all areas designated for conservation easements, deed restrictions or other means of resource preservation.

2. Sequence compliance inspections to ensure the protection of on-site and off-site resources, achievement of site construction and environmental impact requirements, placement of conservation easement monuments, etc.

3. Verify "as built" conditions to ensure compliance with all approvals, conservation easements, deed restrictions or other required means of resource preservation.

§ 11.3 ADMINISTRATIVE COMPLIANCE

The Construction Official shall be authorized to issue a stop-work order, revoke building permits, refuse to approve further work, or deny certificates of occupancy or approval, and to impose mandatory remedial and corrective measures including full restoration of any resources that are improperly disturbed.

§ 11.4 PENALTIES

Civil and criminal penalties for violations of this Ordinance shall be as established in accordance with [§ 907 of the Township of Tewksbury Development Regulations Ordinance.

APPENDIX A FOREST DETERMINATION

For purposes of this Ordinance, the determination of whether a wooded area constitutes a forest, shall rely upon the Highlands Council procedures set forth herein, as adapted from NJDEP Preservation Area Rules (at N.J.A.C. 7:38-3.9). These standards shall apply to the entirety of the Highlands Area whether inclusive solely of Preservation Area, Planning Area, or any combination of the two.

A. The applicant shall identify on a site plan all forest in existence on the lot as of August 10, 2004 as well as those forest areas that have subsequently developed. An upland forest area shall be determined in accordance with the following method:

   1. The limit of the forest shall be identified using aerial photographs obtained from the NJDEP, free of charge, at www.state.nj.us/dep/gis/; and

   2. If the aerial photograph contains areas of sporadic coverage that have not been identified as forest by the applicant, the applicant shall lay a one-half acre grid system over the photograph. A standard 142 square foot grid block shall be used, as provided by the NJDEP at its website. Any grid block containing 33 percent or greater forest cover shall be considered as forest, unless the applicant demonstrates otherwise using the procedure established in B., below.

   3. If the applicant has an approved forest management plan identifying forest on a site, the limits of the forest indicated in the plan may be submitted as an additional resource, but shall not be used in lieu of aerial photographs.

B. Alternatively, a forest determination may be made based upon the size and density of trees on the subject property, in accordance with the following method:

   1. Select two 25-foot by 25-foot plots in every acre of the site potentially containing a forest.

      a) The plots shall be located in the portion of each acre having the highest density of trees as determined by a visual inspection.

      b) If the tree size and density are very uniform over some or the entirety of the site, one plot may be selected in the area of uniformity. However, the point total from the one plot shall be doubled to determine the total point value for the sampled acre pursuant to B.5., below.

   2. In each plot, measure the diameter of each tree at four and one-half feet above ground (diameter at breast height, dbh).

   3. Score each tree as follows:

Diameter of Tree (dbh)	*Points*
1 inch to 3 inches	2
Between 3 and 7 inches	4
7 inches to 12 inches	6
Greater than 12 inches	8

   4. Add together the scores for all of the trees in each plot.

   5. If the total score for both plots is equal to or greater than 16, the sampled acre is regulated as a forest. For example, if the two 25-foot by 25-foot plots contain a total of three trees which are two inches in diameter, two trees which are six inches in diameter, and one tree which is 15 inches in

diameter, the score for the sampled area would be: (3x2)+(2x4)+(1x8) = 22, and the sampled acre is considered a forest.

6. If a sampled acre is a forest, the applicant shall assume that a half-acre of ground surrounding all sides of the sampled acre is also forest except for the surrounding areas that are sampled by the applicant and score under 16. In that case, a sufficient number of plots in the surrounding area shall be sampled by the applicant to delineate the forest portion of the surrounding area.

7. The applicant shall submit the results of field sampling data provided in B.1 through B.6 above. The outer perimeter of all sample plots shall be flagged in the field and their locations shown on a plan.

8. For a newly planted or regenerating forest, an area shall be considered forest if there are 408 seedlings or saplings per sampled acre, that is, the total number of seedlings or saplings in the two sample plots is 12 or more. For the purposes of this section, a tree will be considered a seedling or sapling if it is has a caliper (diameter) of less than one (1) inch.

9. Agricultural and/or horticultural uses such as orchards, tree farms and nurseries are not considered forest under this section.

C. The limit of the forest shall be the outermost edge of the canopy of the forest area identified in A. through B., above.

APPENDIX B MAJOR POTENTIAL CONTAMINANT SOURCES

Land uses and activities determined by the Highlands Council (based on New Jersey Safe Drinking Water Act regulations at N.J.A.C. 7:10 and NJDEP regulations) to be Major Potential Contaminant Sources include those listed below.

1. Underground fuel and chemical storage and oil tanks regulated by NJDEP under provisions of the Underground Storage of Hazardous Substances Act (N.J.S.A. 58:10A-21 et seq.).
2. Above-ground storage facility for a hazardous substance or waste with a cumulative capacity greater than 2,000 gallons.
3. Automotive service center (repair & maintenance).
4. Dry cleaning processing facility.
5. Road salt storage facility.
6. Cemetery.
7. Highway maintenance yard.
8. Truck, bus, locomotive maintenance yard.
9. Site for storage and maintenance of heavy construction equipment and materials.
10. Site for storage and maintenance of equipment and materials for landscaping, excluding household storage and maintenance of such equipment.
11. Livestock operation containing 300 or more Animal Units (AU) [1 AU= 1000 pounds of live animal weight] as defined by the NJ Department of Agriculture in its Criteria and Standards for Animal Waste Management, at NJAC 2:91.
12. Quarrying and/or mining facility.
13. Asphalt and/or concrete manufacturing facility.
14. Junkyard/auto recycling and scrap metal facility.
15. Residential or agricultural motor fuel in NJDEP exempted underground storage tanks (i.e., under 1,000 gallons).

APPENDIX C MINOR POTENTIAL CONTAMINANT SOURCES

Land uses and activities determined by the Highlands Council (based on New Jersey Safe Drinking Water Act regulations at N.J.A.C. 7:10 and NJDEP regulations) to be Minor Potential Contaminant Sources include those listed below.

1. Underground storage of hazardous substance or waste of less than 50 gallons.
2. Underground heating oil storage tank with a capacity of less than 2,000 gallons.
3. Sewage treatment facility regulated by a NJPDES permit granted under NJAC 7:14A.
4. Industrial waste line.
5. Septic system disposal field.
6. Facility requiring a ground water discharge permit issued by the NJDEP pursuant to N.J.A.C 7:14A et seq.
7. Stormwater retention-recharge basin on an industrial property receiving runoff from surfaces other than roof areas.
8. Dry well on an industrial property receiving runoff from surfaces other than roof areas.
9. Waste oil collection, storage and recycling facility.
10. Agricultural chemical bulk storage and mixing or loading facility including crop dusting facilities.
11. Above-ground storage of hazardous substance or waste in quantities of less than 2,000 gallons.
12. Livestock operation containing 8 or more Animal Units (AU) [1 AU= 1000 pounds of live animal weight] or those receiving 142 or more tons of animal waste per year as defined by the NJ Department of Agriculture pursuant to its Criteria and Standards for Animal Waste Management, at NJAC 2:91.

APPENDIX D HIGHLANDS ACT PROVISIONS ON AGRICULTURE/HORTICULTURE

Provisions of the Highlands Act regarding agricultural and horticultural development apply only to such development in the Preservation Area where it results in specified increases in agricultural impervious cover, as provided at N.J.S.A. 13:20-29, below.

C.13:20-29 Agricultural, horticultural development, review required; enforcement.

31. a. (1) Any agricultural or horticultural development in the preservation area that would result in the increase, after the date of enactment of this act either individually or cumulatively, of agricultural impervious cover by three percent or more of the total land area of a farm management unit in the preservation area shall require the review and approval by the local Soil Conservation District of a Farm Conservation Plan which shall be prepared and submitted by the owner or operator of the farm management unit. Upon approval of the Farm Conservation Plan by the local Soil Conservation District, the owner or operator of the farm management unit shall implement the plan on the farm management unit. The local Soil Conservation District shall transmit a copy of an approved Farm Conservation Plan to the State Soil Conservation Committee, and, if any part of the farm management unit is preserved under any farmland preservation program, to the State Agriculture Development Committee.

(2) Any agricultural or horticultural development in the preservation area that would result in the increase, after the date of enactment of this act either individually or cumulatively, of agricultural impervious cover by nine percent or more of the total land area of a farm management unit in the preservation area shall require the review and approval by the local Soil Conservation District of a resource management systems plan which shall be prepared and submitted by the owner or operator of the farm management unit.

Prior to the approval of a resource management systems plan by a local Soil Conservation District, a copy of the resource management systems plan shall be forwarded by the local Soil Conservation District to the Department of Environmental Protection for review and approval, with or without conditions, or denial within 60 days after receipt by the department. Upon approval of the resource management systems plan by the local Soil Conservation District and the Department of Environmental Protection, the owner or operator of the farm management unit shall implement the plan on the farm management unit. The local Soil Conservation District shall transmit a copy of an approved resource management systems plan to the State Soil Conservation Committee, and, if any part of the farm management unit is preserved under any farmland preservation program, to the State Agriculture Development Committee.

(3) A Farm Conservation Plan required pursuant to paragraph (1) of this subsection and a resource management systems plan required pursuant to paragraph (2) of this subsection shall be prepared in accordance with science-based standards, consistent with the goals and purposes of this act, which standards shall be established by the State Board of Agriculture and the Department of Agriculture, in consultation with the Department of Environmental Protection, the State Agriculture Development Committee, Rutgers Cooperative Extension, and the Natural Resources Conservation Service in the United States Department of Agriculture. Within 270 days after the date of enactment of this act, the State Department of Agriculture, in consultation with the Department of Environmental Protection, shall develop and adopt, pursuant to the "Administrative Procedure Act," P.L.1968, c.410 (C.52:14B-1 et seq.), these standards and any other rules and regulations necessary to implement this section.

b. (1) If any person violates any provision of subsection a. of this section, any rule or regulation adopted pursuant to subsection a. of this section, or a Farm Conservation Plan or a resource management systems plan approved pursuant to subsection a. of this section, the Department of Agriculture or the local Soil Conservation District may institute a civil action in the Superior Court for injunctive relief to prohibit and prevent the violation or violations and the court may proceed in a summary manner.

(2) (a) Any person who violates any provision of subsection a. of this section, any rule or regulation adopted pursuant to subsection a. of this section, or a Farm Conservation Plan or a resource management systems plan approved pursuant to subsection a. of this section shall be liable to a civil administrative penalty of up to $5,000 for each violation. If the violation is of a continuing nature, each day during which it continues shall constitute an additional, separate, and distinct offense. No assessment shall be levied pursuant to this subsection until after the party has been notified by certified mail or personal service and provided an opportunity for a hearing.

(b) Any amount assessed under this subsection shall fall within a range established in a penalty schedule adopted by the Department of Agriculture pursuant to the "Administrative Procedure Act," which shall take into account the seriousness and duration of the violation and whether the violation involves the failure to prepare or to implement a Farm Conservation Plan or resource management systems plan. The schedule shall also provide for an enhanced penalty if the violation causes an impairment to water quality. Any civil administrative penalty assessed under this subsection may be compromised by the Secretary of Agriculture upon the posting of a performance bond by the violator, or upon such terms and conditions as the secretary may establish by regulation.

(c) Any person who fails to pay a civil administrative penalty in full pursuant to this subsection shall be subject, upon order of a court, to a civil penalty of up to $5,000 for each violation. If the violation is of a continuing nature, each day during which it continues shall constitute an additional, separate, and distinct offense. Any such civil penalty imposed may be collected with costs in a summary proceeding pursuant to the "Penalty Enforcement Law of 1999," P.L.1999, c.274 (C.2A:58-10 et seq.). The Superior Court and the municipal court shall have jurisdiction to enforce the provisions of the "Penalty Enforcement Law of 1999" in connection with this subsection.

(d) All penalties collected pursuant to this subsection shall either be used, as determined by the council, by the State Agriculture Development Committee for the preservation of farmland in the preservation area or by any development transfer bank used or established by the council to purchase development potential in the preservation area.

c. Nothing in this act, the regional master plan, any rules or regulations adopted by the Department of Environmental Protection pursuant to this act, or any amendments to a master plan, development regulations, or other regulations adopted by a local government unit to specifically conform them with the regional master plan shall be construed to alter or compromise the goals, purposes, policies, and provisions of, or lessen the protections afforded to farmers by, the "Right to Farm Act," P.L.1983, c.31 (C.4:1C-1 et seq.), and any rules or regulations adopted pursuant thereto.

d. The provisions of this section shall not be construed to alter or obviate the requirements of any other applicable State or local laws, rules, regulations, development regulations, or ordinances.

APPENDIX E NJDA HIGHLANDS AGRICULTURAL REGULATIONS

Provided herein for reference, pertinent provisions of N.J.A.C. 2:92, "Agricultural Development in the Highlands," regarding the development and implementation of Farm Conservation Plans and Resource Management System Plans.

§ 2:92-3.1 Farm Conservation Plan requirements

(a) Agricultural or horticultural development that results, individually or cumulatively, in at least three percent but less than nine percent increase in new agricultural impervious cover to the total land area of the Farm Management Unit since enactment of the Highlands Act (August 10, 2004) requires the development and implementation of a Farm Conservation Plan approved in accordance with this section.

1. Prior to any development activity, the owner or operator of a farm management unit or his agent shall develop a farm conservation plan with the assistance of the NRCS, TSP or an appropriate agent in conformance with Sections III and IV of the June 1, 2005 NRCS NJ-FOTG, as amended and supplemented, which is hereby adopted and incorporated by reference.

i. Copies of the NJ-FOTG are available from the NRCS Field Offices and the State Office at 220 Davidson Ave, 4th Floor, Somerset, NJ 08873.

ii. An electronic copy of the NJ-FOTG is available at http://www.nrcs.usda.gov/technical/efotg/.

iii. A copy of this document is on file in the NJDA office of the Director, Division of Agricultural and Natural Resources, P.O. Box 330, Trenton, NJ 08625.

2. The following shall be contained in the Farm Conservation Plan submitted for approval:

i. The name, address, block(s) and lot(s) of the operation and the name and telephone number of the emergency contact;

ii. The owner or operator's name, signature and date;

iii. A soil map;

iv. An aerial photograph or diagram of the field;

v. Identification of soil, water and animal resources, specifically, threatened and endangered species;

vi. A list of conservation practices to be implemented;

vii. The location and schedule for applying new practices;

viii. Records of plan implementation activities;

ix. A plan for operation and maintenance; and

x. Any other site-specific information necessary for plan certification.

3. The Farm Conservation Plan shall be reviewed, and if appropriate, approved by the local Soil Conservation District. Plans developed in consultation with entities other than the NRCS or TSP must be reviewed by NRCS for approval prior to submission to the local Soil Conservation District for review.

4. The local Soil Conservation District shall transmit a copy of the approved plan to the State Soil Conservation Committee. If any part of the Farm Management Unit is preserved under any farmland preservation program, the local Soil Conservation District shall also transmit a copy of the plan to the State Agriculture Development Committee.

5. The local Soil Conservation District shall approve the Farm Conservation Plan if it finds that the plan meets the NJ-FOTG Quality Criteria (Section III) and Practice Standards (Section IV) for soil, water and animal resource concerns, specifically threatened and endangered species.

6. The Farm Conservation Plan shall be executed in accordance with the implementation schedule contained in the approved plan.

7. Anyone aggrieved by a decision of the Soil Conservation District shall have an opportunity to appeal in accordance with 2:90-1.6.

8. Anyone who is aggrieved by the determination made in accordance with (a)7 above shall, upon written request transmitted to the Department within 20 days of that determination, be afforded the opportunity for a hearing thereon in the manner provided for contested cases pursuant to the Administrative Procedure Act, N.J.S.A. 52:14B-1 et seq. and the Uniform Administrative Procedure Rules, 1:1.

i. Requests for hearings shall be sent to the Director, Division of Agriculture and Natural Resources, N.J. Department of Agriculture, PO Box 330, Trenton, New Jersey 08625-0330.

§ 2:92-4.1 Resource Management System Plan requirements

(a) Agricultural or horticultural development that results, individually or cumulatively, in at least nine percent or more of new agricultural impervious cover to the total land area of the Farm Management Unit since enactment of the Highlands Act (August 10, 2004) requires the development and implementation of a Resource Management System Plan in accordance with this section.

1. Prior to any development activity, the owner or operator of a farm management unit or his agent shall develop a Resource Management System Plan with the assistance of the NRCS, TSP or appropriate agent in conformance with the June 1, 2005 NRCS NJ-FOTG, as amended and supplemented, which is hereby adopted and incorporated by reference.

i. Copies of the NJ-FOTG are available from the NRCS Field Offices and the State Office at 220 Davidson Ave, 4th Floor, Somerset, NJ 08873.

ii. An electronic copy of the NJ-FOTG is available at http://www.nrcs.usda.gov/technical/efotg/.

iii. A copy of this document is on file in the NJDA office of the Director, Division of Agricultural and Natural Resources, P.O. Box 330, Trenton, NJ 08625.

2. The following shall be contained in the RMS plan submitted for approval:

i. The name, address, block(s) and lot(s) of the operation and the name and telephone number of the emergency contact;

ii. The owner or operator's name, signature and date;

iii. A soil map;

iv. An aerial photograph or diagram of the field;

v. Identification of soil, water, air, plant and animal resources including endangered and threatened species;

vi. A list of conservation practices to be implemented;

vii. The location and schedule for applying new practices;

viii. Records of plan implementation activities;

ix. A plan for operation and maintenance; and

x. Any other site-specific information necessary for plan certification.

3. Upon receipt and prior to approval, the local Soil Conservation District will transmit a copy of the Resource Management System Plan to the DEP, who must review and approve it with or without conditions or deny it within 60 days of receipt.

4. The Resource Management System Plan shall be reviewed, and if appropriate, approved by the local Soil Conservation District. Plans developed by entities other than the NRCS or TSP must be reviewed by NRCS for approval prior to submission to the local Soil Conservation District for review.

5. The local Soil Conservation District shall transmit a copy of the approved plan to the State Soil Conservation Committee. If any part of the Farm Management Unit is preserved under any farmland preservation program, the local Soil Conservation District shall also transmit a copy of the plan to the State Agriculture Development Committee.

6. The local Soil Conservation District shall approve the RMS plan if it finds that it meets the NJFOTG Quality Criteria and Standards for soil, water, air, plants and animal resources.

7. The Resource Management System Plan shall be executed in accordance with the implementation schedule contained in the approved plan.

8. Anyone aggrieved by a decision of the local Soil Conservation District shall have an opportunity to appeal in accordance with 2:90-1.6.

9. Anyone who is aggrieved by the determination made in accordance with (a)8 above shall, upon written request transmitted to the Department within 20 days of the determination, be afforded the opportunity for a hearing thereon in the manner provided for contested cases pursuant to the Administrative Procedure Act, N.J.S.A. 52:14B-1 et seq. and the Uniform Administrative Procedure Rules, 1:1.

i. Requests for hearings shall be sent to Director, Division of Agriculture and Natural Resources, N.J. Department of Agriculture, PO Box 330, Trenton, New Jersey 08362-0330.

APPENDIX F SANITARY SEWAGE VOLUMES BY FACILITY

The following table from N.J.A.C. 7:9A-7.4 is for use in calculating 300 gallon-per-day septic system equivalents by facility type, pursuant to § 5.3.5 B of this Ordinance.

The criteria listed herein are minimum standards for average facilities of the categories listed. In cases where a facility does not fall within any of the categories, the administrative authority may approve the use of other documented criteria, such as actual water data for the facility or other similar facilities, provided that the value used for design is at least 50 percent greater than the average daily volume of sewage.

Type of Establishment	**Method of Estimation (gallon per user or gallon per unit per day)**
1. Airport	5 gal/passenger
2. Assembly Hall	3 gal/seat/day
3. Auto Service Station	10 gal/car served
4. Bar	5 gal/patron
5. Bathhouse with shower	25 gal/person
without shower	10 gal/person
6. Beach Club	25 gal/person
7. Beauty parlors and salons	120 gal/day/sink
8. Boarding House, Meals	75 gal/guest(2)
	15 gal/non-resident boarder
9. Bowling Alley, no food	125 gal/lane/day
with food, add	5 gal/patron
10. Bus Stop Rest Area	5 gal/passenger
11. Cafeteria	5 gal/customer
12. Camp, Cottage (barracks type)	65 gal/person
13. Camp, Day, no meals	20 gal/person
14. Camp, Resort	100 gal/site/day(2)
15. Camp, Trailer	100 gal/site/day(2)
with toilets, add	10 gal/person/day
16. Church, with or without kitchen	3 gal/seat/day
17. Cocktail Lounge	5 gal/customer
18. Coffee Shop	5 gal/customer
19. Comfort Station/Picnic Grounds	
with toilets	10 gal/person
with toilets and showers	15 gal/person
20. Cottages	100 gal/person(2) (minimum 350 gal/dwelling unit/day)
21. Country Club	60 gal/member/day 25 gal/non-member
22. Dining Hall	5 gal/customer
23. Dormitory, Bunkhouse	40 gal/bed/day
24. Factory/Industrial Building	15 gal/employee per eight hour shift
with showers, add	15 gal/employee per eight hour shift
25. Hospital, Medical	250 gal/bed/day
26. Hospital, Mental	150 gal/bed/day
27. Hotels	130 gal/room/day
28. Institution, Other than hospital	150 gal/bed/day
29. Laundry, Self-service	50 gal/wash

Type of Establishment	**Method of Estimation (gallon per user or gallon per unit per day)**
30. Motel	130 gal/room/day
31. Nursing/Rest Home	150 gal/bed/day
32. Office Buildings	15 gal/employee per eight hour shift or 0.125 gal/square ft., whichever is greatest
33. Prison	150 gal/inmate/day
34. Restaurant	
sanitary wastes only	5 gal/patron only
kitchen waste, add	5 gal/patron
35. Rooming House, no meals	65 gal/bed/day
36. School, Boarding	100 gal/student/day
37. School, Day	
No cafeteria or showers	10 gal/student/day
Cafeteria only	15 gal/student/day
Cafeteria and showers	20 gal/student/day
Cafeteria, showers and laboratories	25 gal/student/day
38. Shopping Center	0.125 gal/square ft./day(1)
39. Stadium	3 gal/seat/day
40. Store	0.125 gal/square ft./day(1)
41. Swimming Pool	10 gal/person
42. Theater, Indoor	3 gal/seat/day
43. Theater, Outdoor	10 gal/parking space
44. Visitor Center	5 gal/visitor

(1) Volume of sanitary sewage for employees included within method of estimation indicated.
(2) If laundry wastes are anticipated, increase the estimated flow by 50 percent.

APPENDIX G EXHIBITS

Exhibit 1. Township Highlands Area, Highlands Zones and Sub-Zones

Exhibit 2. Forest Resource Area, Total Forest Area

Exhibit 3. Highlands Open Waters

Exhibit 4. Riparian Area

Exhibit 5. Steep Slope Protection Area

Exhibit 6. Critical Wildlife Habitat, Significant Natural Areas, Vernal Pools

Exhibit 7. Carbonate Rock Area, Prime Ground Water Recharge Area, Wellhead Protection Areas

Exhibit 8. Agricultural Resource Area

Exhibit 9. Highlands Scenic Resources

Exhibit 10. Net Water Availability by HUC14 Subwatershed, Highlands Domestic Sewerage Facilities, Public Community Water Systems

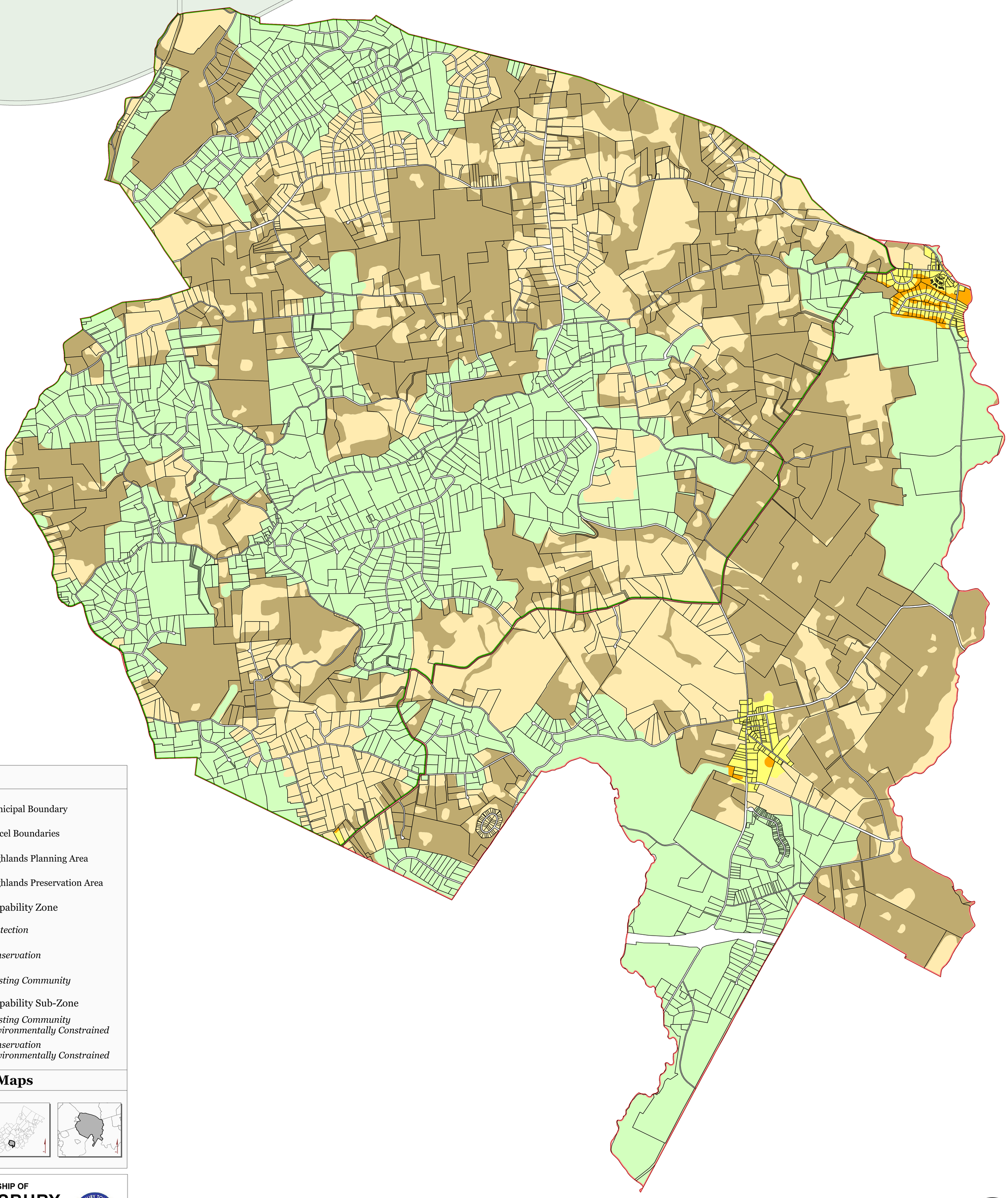
Exhibit 1:

Township of Tewksbury
Highlands Area

Highlands Zones and Sub-Zones

TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY, NJ

Highlands Council
New Jersey



Legend

- Municipal Boundary
- Parcel Boundaries
- Highlands Planning Area
- Highlands Preservation Area

Land Use Capability Zone

- *Protection*
- *Conservation*
- *Existing Community*

Land Use Capability Sub-Zone

- *Existing Community Environmentally Constrained*
- *Conservation Environmentally Constrained*

Locator Maps

TOWNSHIP OF
TEWKSBURY
HUNTERDON COUNTY, N.J.

MAP PREPARED BY THE NEW JERSEY
HIGHLANDS COUNCIL, AUGUST 25, 2011

0 2,000 4,000 6,000 8,000 10,000 Feet

0 0.5 1 1.5 2 Miles

N

Exhibit 2:

Township of Tewksbury
Highlands Area

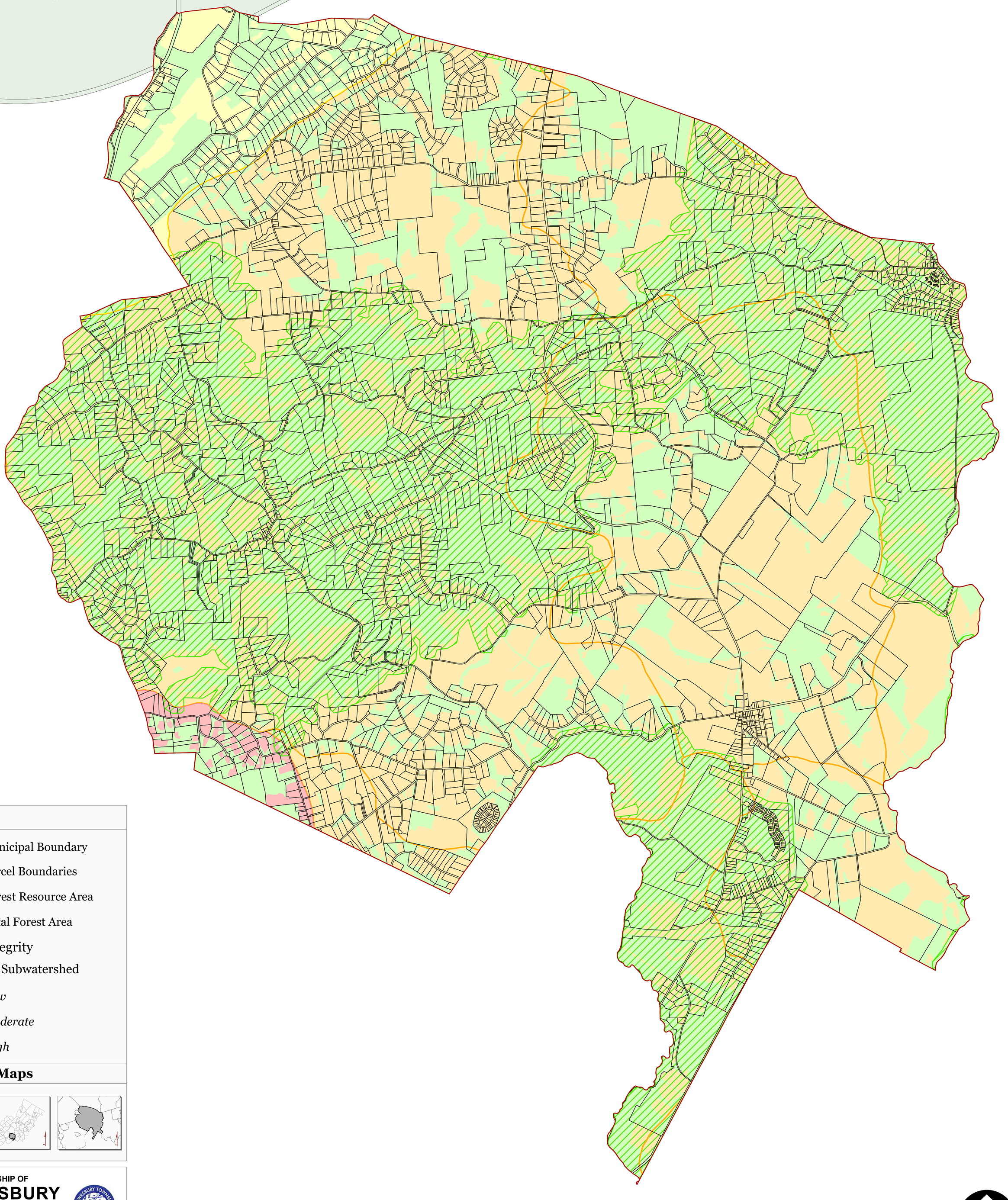
Forest Resource Area

Total Forest Area

Forest Subwatershed Integrity Areas

TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY, NJ

Highlands Council
New Jersey



Legend

- Municipal Boundary
- Parcel Boundaries
- Forest Resource Area
- Total Forest Area

Forest Integrity

By HUC14 Subwatershed

- *Low*
- *Moderate*
- *High*

Locator Maps

TOWNSHIP OF
TEWKSBURY
HUNTERDON COUNTY, N.J.

MAP PREPARED BY THE NEW JERSEY
HIGHLANDS COUNCIL, AUGUST 25, 2011

0 2,000 4,000 6,000 8,000 10,000 Feet

0 0.5 1 1.5 2 Miles

N

Exhibit 3:

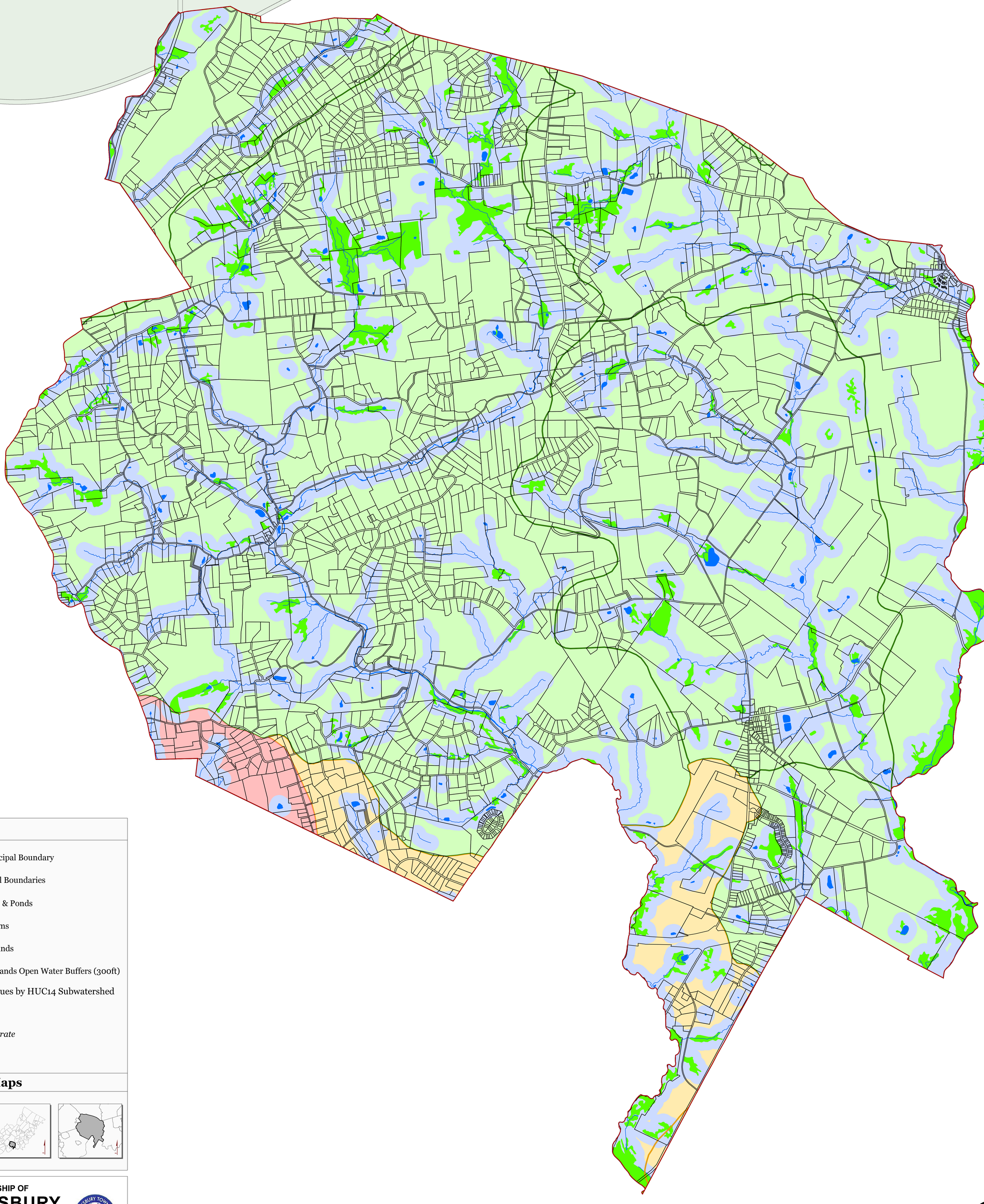
Township of Tewksbury Highlands Area

Highlands Open Waters

Watershed Resource Value Areas

TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY, NJ

Highlands Council
New Jersey



Legend

- Municipal Boundary
- Parcel Boundaries
- Lakes & Ponds
- Streams
- Wetlands
- Highlands Open Water Buffers (300ft)

Watershed Values by HUC14 Subwatershed

- *Low*
- *Moderate*
- *High*

Locator Maps

TOWNSHIP OF
TEWKSBURY
HUNTERDON COUNTY, N.J.

MAP PREPARED BY THE NEW JERSEY
HIGHLANDS COUNCIL, AUGUST 25, 2011

0 2,000 4,000 6,000 8,000 10,000 Feet
0 0.5 1 1.5 2 Miles

N

Exhibit 4:

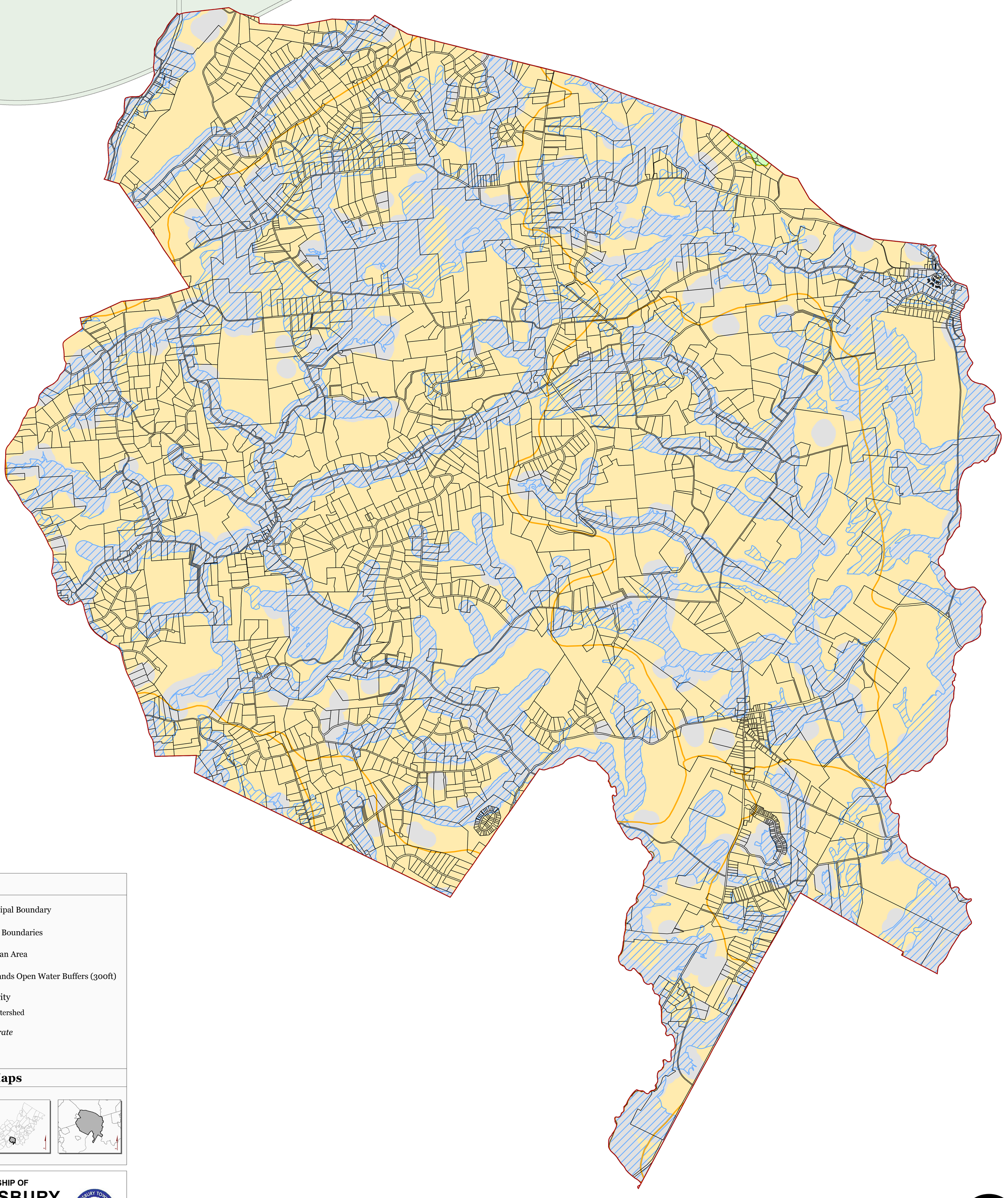
Township of Tewksbury
Highlands Area

Riparian Area

Riparian Subwatershed Integrity Areas

TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY, NJ

Highlands Council
New Jersey



Legend

- Municipal Boundary
- Parcel Boundaries
- Riparian Area
- Highlands Open Water Buffers (300ft)

Riparian Integrity

By HUC-14 Subwatershed

- *Moderate*
- *High*

Locator Maps

TOWNSHIP OF
TEWKSBURY
HUNTERDON COUNTY, N.J.

MAP PREPARED BY THE NEW JERSEY
HIGHLANDS COUNCIL, AUGUST 25, 2011

0 2,000 4,000 6,000 8,000 10,000 Feet

0 0.5 1 1.5 2 Miles

N

Exhibit 5:

Township of Tewksbury
Highlands Area

Steep Slope Protection Area

TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY, NJ

Highlands Council
New Jersey



Legend

- Municipal Boundary
- Parcel Boundaries

Steep Slope Protection Areas

- *Severely Constrained*
- *Moderately Constrained*
- *Constrained/Limited Constrained*

Locator Maps

TOWNSHIP OF
TEWKSBURY
HUNTERDON COUNTY, N.J.

MAP PREPARED BY THE NEW JERSEY
HIGHLANDS COUNCIL, AUGUST 25, 2011

0 2,000 4,000 6,000 8,000 10,000 Feet
0 0.5 1 1.5 2 Miles

N

Exhibit 6:

Township of Tewksbury
Highlands Area

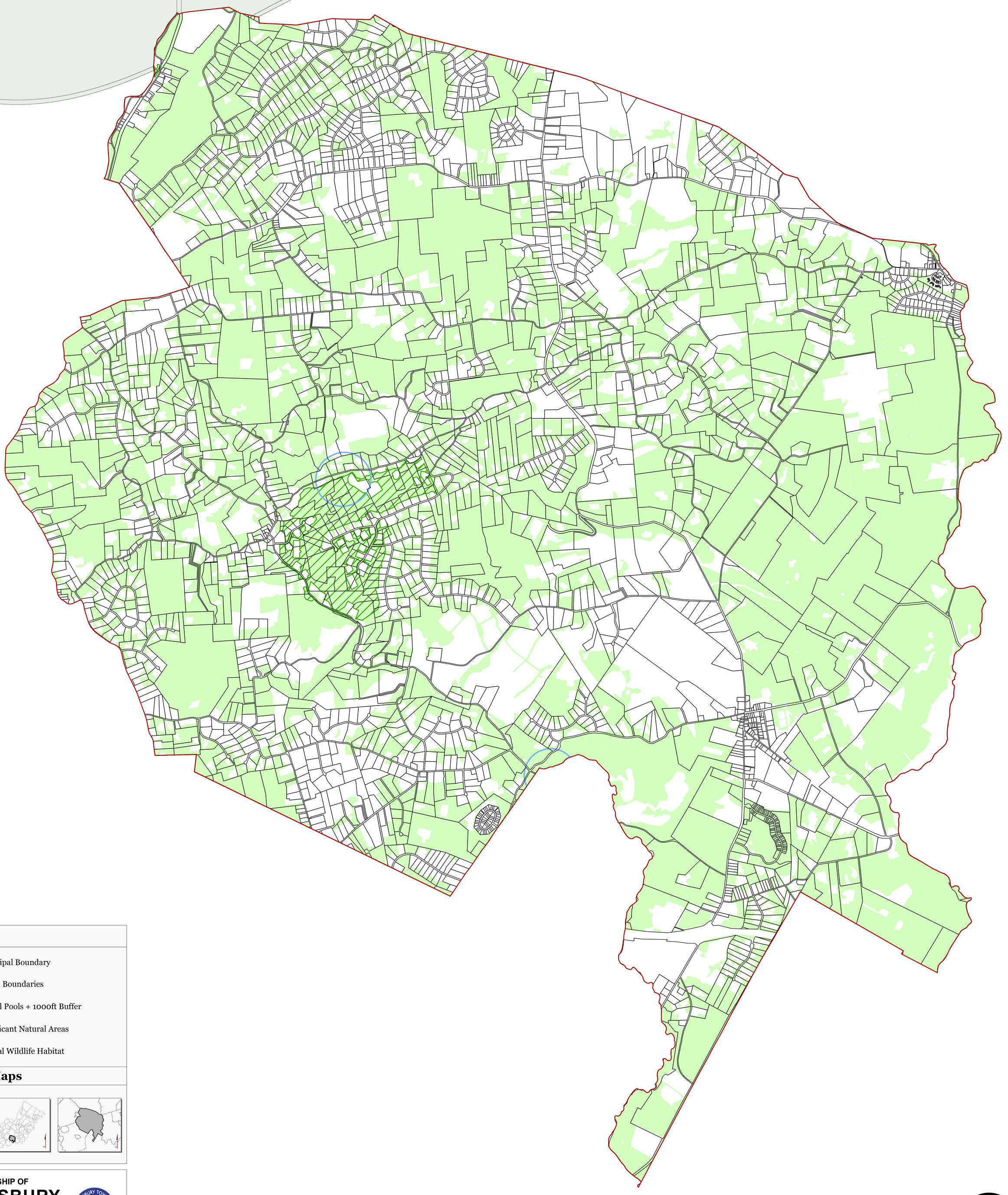
Critical Wildlife Habitat

Significant Natural Areas

Vernal Pools

TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY, NJ

Highlands Council
New Jersey



Legend

- Municipal Boundary
- Parcel Boundaries
- Vernal Pools + 1000ft Buffer
- Significant Natural Areas
- Critical Wildlife Habitat

Locator Maps

TOWNSHIP OF
TEWKSBURY
HUNTERDON COUNTY, N.J.

MAP PREPARED BY THE NEW JERSEY
HIGHLANDS COUNCIL, AUGUST 25, 2011

0 2,000 4,000 6,000 8,000 10,000 Feet
0 0.5 1 1.5 2 Miles

N

Exhibit 7:

Township of Tewksbury
Highlands Area

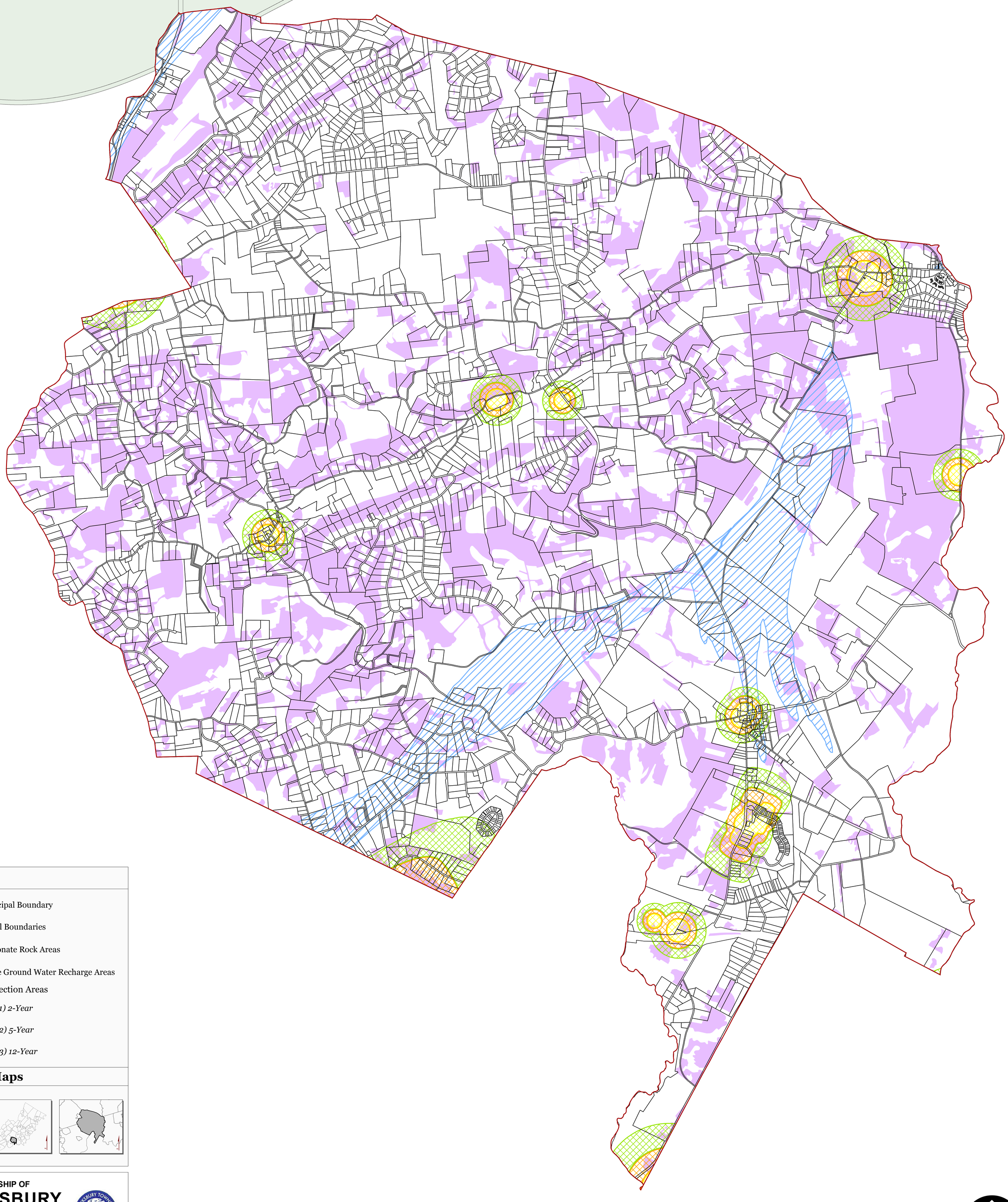
Carbonate Rock Area

Prime Ground Water Recharge Area

Wellhead Protection Areas

TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY, NJ

Highlands Council
New Jersey



Legend

- Municipal Boundary
- Parcel Boundaries
- Carbonate Rock Areas
- Prime Ground Water Recharge Areas

Wellhead Protection Areas

- *(Tier 1) 2-Year*
- *(Tier 2) 5-Year*
- *(Tier 3) 12-Year*

Locator Maps

TOWNSHIP OF
TEWKSBURY
HUNTERDON COUNTY, N.J.

MAP PREPARED BY THE NEW JERSEY
HIGHLANDS COUNCIL, AUGUST 25, 2011

0 2,000 4,000 6,000 8,000 10,000 Feet

0 0.5 1 1.5 2 Miles

N

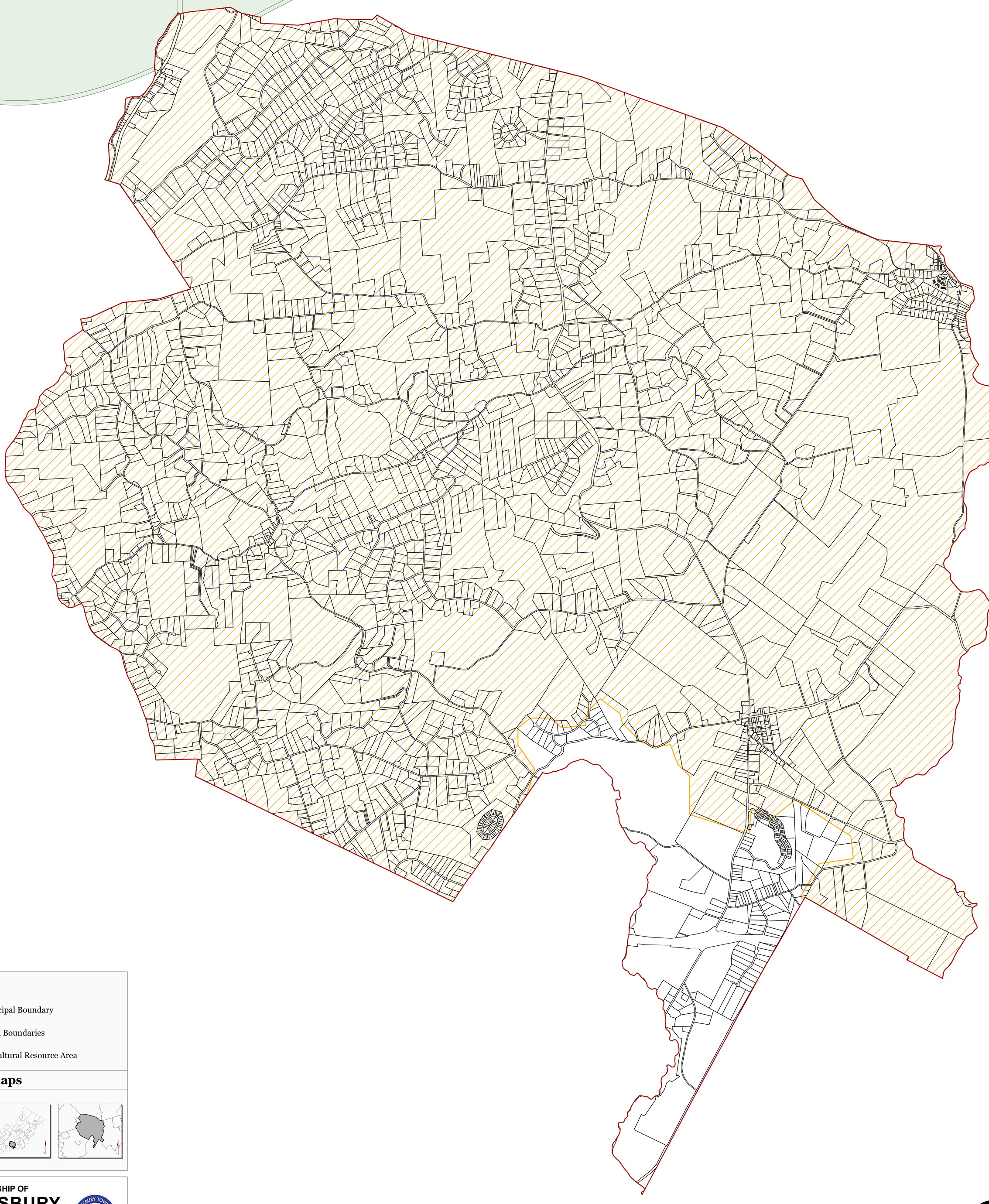
Exhibit 8:

Township of Tewksbury
Highlands Area

Agricultural Resource Area

TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY, NJ

Highlands Council
New Jersey



Legend

- Municipal Boundary
- Parcel Boundaries
- Agricultural Resource Area

Locator Maps

TOWNSHIP OF
TEWKSBURY
HUNTERDON COUNTY, N.J.

MAP PREPARED BY THE NEW JERSEY
HIGHLANDS COUNCIL, AUGUST 25, 2011

0 2,000 4,000 6,000 8,000 10,000 Feet
0 0.5 1 1.5 2 Miles

N

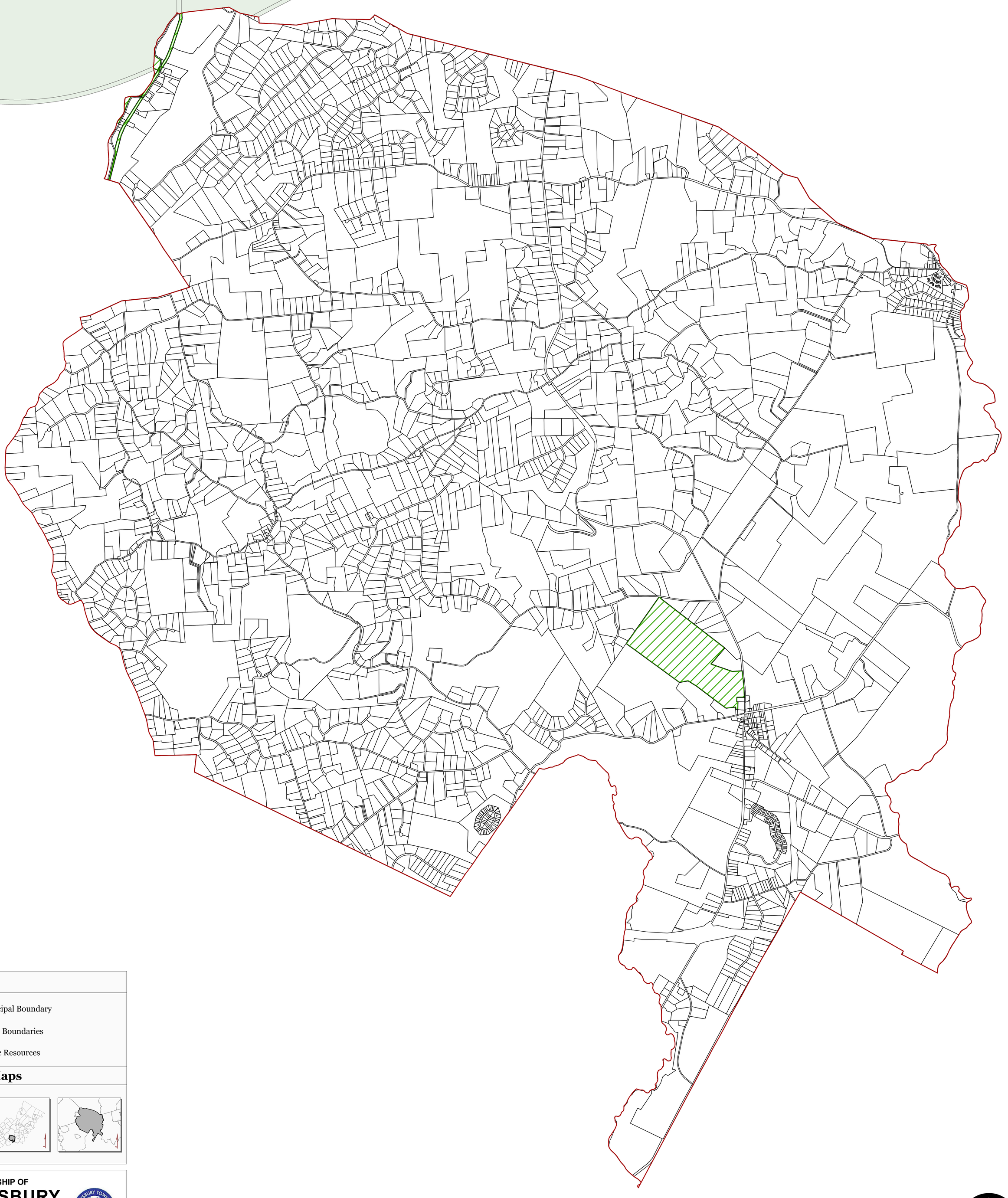
Exhibit 9:

Township of Tewksbury
Highlands Area

Highlands Scenic Resources

TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY, NJ

Highlands Council
New Jersey



Legend

- Municipal Boundary
- Parcel Boundaries
- Scenic Resources

Locator Maps

TOWNSHIP OF
TEWKSBURY
HUNTERDON COUNTY, N.J.

MAP PREPARED BY THE NEW JERSEY
HIGHLANDS COUNCIL, AUGUST 25, 2011

0 2,000 4,000 6,000 8,000 10,000 Feet
0 0.5 1 1.5 2 Miles

N

Exhibit 10:

Township of Tewksbury
Highlands Area

Net Water Availability by HUC-14 Subwatershed

Highlands Domestic Sewerage Facilities

Public Community Water Systems

TOWNSHIP OF TEWKSBURY, HUNTERDON COUNTY, NJ

Highlands Council
New Jersey

02030105010060
02030105050040
02030105010060
02030105010070
02030105050070
02030105050080
02030105020050
02030105050060
02030105050100
02030105050090
02030105050090
02030105050070
02030105050110

Legend

- Municipal Boundary
- Parcel Boundaries

Existing Area Served for:

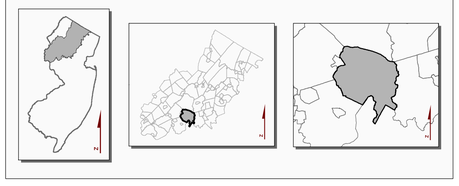
- Public Community Water Systems
- Highlands Domestic Sewerage Facilities
- Highlands Domestic Sewerage Facilities and Public Community Water Systems

Net Water Availability By HUC14 Subwatershed

Million Gallons Per Day (MGD)

- *0.10 - 0.39*
- *0.05 - 0.09*
- *0.00 - 0.04*
- *-0.09 - -0.01*
- *-0.99 - -0.10*
- *-7.10 - -1.00*

Locator Maps



TOWNSHIP OF
TEWKSBURY
HUNTERDON COUNTY, N.J.

MAP PREPARED BY THE NEW JERSEY
HIGHLANDS COUNCIL, AUGUST 25, 2011

0 2,000 4,000 6,000 8,000 10,000 Feet
0 0.5 1 1.5 2 Miles

N

APPENDIX E

Select List of Highlands Goals, Policies, and Objectives

Appendix E. Selected List of Highlands Goals, Policies, and Objectives:

Objective 1A2d: To prohibit through Plan Conformance, local development review and Highlands Project Review the expansion or creation of public water supply systems or public wastewater collection and treatment systems or community-based on-site wastewater facilities into forested areas of the Forest Resource Area within the Planning Area except as provided for in Policy 2J4 with Objectives 2J4a through 2J4d, and Policy 2K3 with Objectives 2K3a through 2K3e, and within the Preservation Area except as provided for in Policy 2I1 and Objectives 2I1a and 2I1b.

Objective 1L6b: Septic systems and cesspools on small lots in close proximity to lakes shall be replaced with upgraded individual treatment systems, communal septic systems or community-based wastewater systems wherever feasible and cost-effective, with the selection of replacement technology to ensure minimal secondary impacts, including potential reductions in net water availability, maximum environmental benefit, and financial viability. Community-based systems should not provide for additional land development capacity except for exempt lots within that existing lake community that are not environmentally constrained, or for areas that are otherwise permitted to have wastewater service under the Goals, Policies, and Objectives in Part 2, Subpart D, Sustainable Development, and Water Resources.

Policy 2B6: To require through Plan Conformance (including through a Water Use and Conservation Plan developed under Objective 2B8c), local development review, Highlands Project Review, and interagency coordination that proposed public water supply and wastewater service areas, new or increased water allocations and bulk water purchases will not directly or indirectly cause or contribute to a Net Water Availability deficit, and where feasible will help mitigate any existing deficit.

Objective 2B6a: Areawide Water Quality Management Plans (WQMPs), Wastewater Management Plans (WMPs) or their amendments shall ensure that the proposed service area will not directly or indirectly cause or contribute to a Net Water Availability deficit, and shall be in conformance with any Water Use and Conservation Plan developed under Objective 2B8c.

Objective 2B8e: Allow water resource transfers between or from Highlands subwatersheds only when there is no other viable alternative and where such transfers would demonstrably not result in impairment of resources in any subwatershed. Potential effects on upstream and downstream subwatersheds should be included in any such evaluation.

Objective 2D4e: Prohibit through Plan Conformance, local development review and Highlands Project Review the expansion or creation of public water supply systems or public wastewater collection and treatment systems or community-based on-site wastewater facilities into a Prime Ground Water Recharge Area within the Protection or Conservation Zone within the Planning Area except as provided for in Policy 2J4 with Objectives 2J4a through 2J4d, and Policy 2K3 with Objectives 2K3a through 2K3e, and within the Preservation Area except as provided for in Policy 2I1 and Objectives 2I1a and 2I1b.

Objective 2G3c: WQMPs, WMPs or amendments shall demonstrate that the proposed service area will not directly or indirectly support development that would be in violation of an adopted TMDL.

Objective 2H5d: Amend Areawide WQMPs or WMPs for conforming municipalities and counties to ensure that any activity associated with the proposed service area will not adversely affect a Wellhead Protection Area.

GOAL2I: Limitation of the expansion of water and wastewater infrastructure in the preservation area.

Policy 2I1: To prohibit the expansion or creation of public water supply systems, public wastewater collection and treatment systems and community on-site treatment facilities in the Preservation Area unless approved through a Highlands Applicability Determination (HAD) or a HPAA with waiver pursuant to N.J.A.C. 7:38 and Policy 7G1.

Objective 2I1a: Designated sewer service areas in the Preservation Area shall be restricted to the Existing Area Served as of August 10, 2004, except to serve development that is approved through a HAD or a HPAA with waiver pursuant to N.J.A.C. 7:38 and Policy 7G1.

Objective 2I1b: The expansion or creation of public water supply systems, public waste-water collection and treatment systems and community on-site treatment facilities in the Preservation Area as approved through a HPAA with waiver pursuant to N.J.A.C. 7:38 and Policy 7G1 shall maximize the protection of sensitive environmental resources including avoidance of Highlands Open Waters buffer areas, Riparian Areas, the forested portion of the Forest Resource Area, agricultural lands of Agricultural Resource Areas (ARAs), Steep Slopes, Prime Ground Water Recharge Areas, and Critical Habitat.

Policy 2I2: To identify through Plan Conformance and Highlands Redevelopment Area designation procedures those lands of the Preservation Area that may be appropriate for the extension or creation of public water supply systems, public wastewater collection and treatment systems and community on-site treatment facilities for redevelopment that would meet the waiver requirements of N.J.A.C. 7:38 and Policy 7G1.

Policy 2J5: To prohibit, through local development review and Highlands Project Review, new or increased water resource transfers between subwatersheds unless it is demonstrated that no other option exists to meet public health, safety and welfare objectives and where such transfers do not result in impairment of resources in the subwatershed from which water is proposed to be transferred.

Policy 2K1: To establish and maintain an inventory of Highlands public wastewater management infrastructure, including developed parcels with current connections to existing utility service areas.

Objective 2K1a: The development and maintenance of an inventory of Existing Areas Served.

Objective 2K1b: The development and maintenance of an inventory of the service areas and capacity of Highlands Domestic Sewerage Facilities.

Objective 2K1c: The development of an estimated Available Wastewater Treatment Capacity for each Highlands Domestic Sewer Facility.

Objective 2K1d: The identification of remaining available wastewater treatment capacity to support regional growth opportunities within the Highlands Region.

Policy 2K3: To provide adequate, appropriate, efficient and cost-effective wastewater management to all development in the Highlands Region, through Plan Conformance, local development review, and Highlands Project Review.

Objective 2K3a: Areawide WQMPs, including WMPs and project-specific amendments, shall be examined for consistency with requirements of this Plan. The Highlands Council shall prepare and transmit to NJDEP consistency determinations for these amendments prior to the NJDEP decision in accordance with N.J.A.C. 7:38-1.1 and N.J.A.C. 7:15.

Objective 2K3b: Existing wastewater collection and treatments systems which are non-compliant with state water quality standards for wastewater treatment and effluent discharge shall be prohibited from collecting and treating additional wastewater until the treatment systems are fully compliant with State permit requirements.

Objective 2K3c: Prohibit new, expanded, or extended public wastewater collection and treatment systems and community on-site treatment facilities within the Protection Zone, the Conservation Zone, and the Environmentally-Constrained Sub-zones of the Planning Area unless they are shown to be necessary for and are approved by the Highlands Council for one or more of the purposes listed below. For approvals regarding parts 1, 2, and 3, the project must maximize the protection of sensitive environmental resources such as Highlands Open Waters buffer areas, Riparian Areas, the forested portion of the Forest Resource Area, agricultural lands of ARAs, Steep Slopes, Prime Ground Water Recharge Areas and Critical Habitat. For approvals regarding part 3, the project must avoid disturbance of Highlands Open Waters buffer areas, Riparian Areas, Steep Slopes and Critical Habitat, and must minimize disturbance of the forested portion of the Forest Resource Area, agricultural lands of ARAs, and Prime Ground Water Recharge Areas. The choice of extension or creation of systems shall follow the requirements in Objective 2K3d (2 and 3). The applicable purposes are:

1. To address through a waiver under Policy 7G1 or 7G2 a documented existing or imminent threat to public health and safety from a pattern of failing septic systems (where the failing systems cannot reasonably be addressed through rehabilitation or replacement) or highly concentrated septic systems, where the threat is of sufficient scale to justify a public wastewater collection and treatment system or community on-site treatment facility and where no alternative is feasible that would sufficiently assure long-term protection of public health and safety. To address other issues of public health and safety, such needs shall have highest priority for allocation of existing system capacity;

2. To address development permitted through a Highlands Redevelopment Area or takings waiver under Policy 7G1 or 7G2; or

3. To serve a cluster development that meets all requirements of Objective 2K3d.

Objective 2K3d: Clustered development served by a public wastewater collection and treatment system or community on-site treatment facility within the Protection Zone, the Conservation Zone, and the Environmentally-Constrained Sub-zones of the Planning Area shall be approved only if the following conditions are met:

1. The development impacts are otherwise consistent with the requirements of the RMP, including provisions for mandatory clustering in ARAs pursuant to Policy 3A5;

2. Extension of an existing public wastewater collection and treatment system will occur only where the cluster development is within or immediately adjacent to an Existing Area Served with available capacity;

3. Creation of a community on-site treatment facility will occur only where such development is not within or immediately adjacent to an Existing Area Served with available capacity, where the proposed system is designed, permitted, and constructed at a capacity limited to the needs of the clustered development, and where the system does not create the potential for future expansion into areas that are not the subject of cluster developments immediately adjacent to the initial cluster served;

Objective 2K3e: Allow the expansion or creation of wastewater collection systems within the ECZ of the Planning Area, other than the Environmentally-Constrained Sub-zone, to serve lands which are appropriate for designated TDR Receiving Zones, infill or redevelopment, to meet needs and protection requirements equivalent to those provided at Objective 2K3c within the ECZ, or to serve new areas for development that meet all other requirements of the RMP. The highest priority for allocation of excess or additional wastewater treatment capacity is to areas where there are clusters of failed septic systems that are located within or adjacent to Existing Areas Served. TDR Receiving Areas, where designated, affordable housing projects (where the affordable units exceed 10% of the total units), infill and redevelopment shall have higher priority for capacity than other developments requiring expansion of sewer service areas.

Objective 2K3f: All development within the Highlands Region, in areas which are not served by public wastewater collection and treatment system or community on-site treatment facility, shall be at a density that can be supported by septic systems under Goal 2L. Where cluster development in the Protection Zone, the Conservation Zone, and the Environmentally-Constrained Sub-Zones of the Planning Area shall be served by on-site wells, and the undeveloped land is preserved for agricultural purposes in perpetuity, the cluster development and the Agriculture Retention/Farmland Preservation Plan required by Objective 2K3d in combination shall include provisions for best management practices that protect the on-site wells from contamination resulting from agricultural practices and shall include provisions to minimize or reduce net pollutant loadings from the total cluster project area including the preserved agricultural lands.

GOAL 2L: Ensure that on-site wastewater system discharges do not exceed the natural capacityof ground water to attenuate loadings, exacerbate existing nitrate impairment, or contribute to potential nitrate impairment for subwatersheds of the highlands region.

Policy 2L1: To use nitrate concentrations in ground water as an indicator of water quality, and to use nitrate dilution modeling as the primary method for assessing the carrying capacity of lands for development that relies on septic systems for wastewater treatment.

Objective 2L1a: Determine background median concentrations of nitrate in ground water by HUC14 subwatershed.

Objective 2L1b: Identify the factors affecting the suitability of densities for development that relies on septic systems for wastewater treatment.

Objective 2L1c: Develop appropriate protection measures to minimize contamination of ground water from septic systems.

Objective 2L1d: Develop drought ground water recharge estimates by HUC14 subwatershed for use in the NJDEP nitrate dilution model.

Policy 2L2: To use the median background nitrate concentrations in ground water in the Highlands Region as a basis for establishing on-site wastewater treatment densities through Plan Conformance, local development review, and Highlands Project Review.

Objective 2L2a: Use the median concentrations of nitrate in ground water for Planning Area HUC14 subwatersheds where the Protection Zone is predominant as the nitrate target for new development reliant on septic systems within the Protection Zone. The median is 0.72 mg/L.

Objective 2L2b: Use the median concentrations of nitrate in ground water for Planning Area HUC14 subwatersheds where the Conservation Zone is predominant as the nitrate target for new development reliant on septic systems within the Conservation Zone. The median is 1.87 mg/L.

Objective 2L2c: Use the NJDEP Highlands Preservation Area rules and nitrate thresholds for the Preservation Area.

Objective 2L2d: Use a nitrate target of 2 mg/L for the Existing Community Zone within Planning Area, on a project-by-project basis, where new development will rely on septic systems.

Objective 2L2e: New residential development using septic systems where clustering or conservation design techniques are employed shall have a gross density (for all parcels involved in the development proposal) based on the nitrate dilution target appropriate for the Land Use Capability Zone, but with the density for the developed portion of the site based on a nitrate dilution target not to exceed 10 mg/L or any more stringent requirement as required by N.J.A.C. 7:15.

Objective 2L2f: Carrying capacity shall be documented through the Land Use Capability Septic System Yield Map as the number of allowable septic systems per Conservation and Protection Zone for each HUC14 subwatershed, taking into account the nitrate target, the HUC14 subwatershed drought ground water recharge, and the acreage that is privately owned, undeveloped or underdeveloped, and not preserved.

Objective 2L2g: New residential development utilizing septic systems shall be designed in a manner that ensures that the untreated well water meets the State drinking water quality standards and that minimizes the risk of well contamination due to the flow of septic system plumes within or between developed lots, addressing general ground water flow patterns,

major fracture systems and other appropriate geological, geophysical, and hydrogeological issues.

Policy 2M2: To develop appropriate and innovative resource management programs to protect, restore, and enhance subwatersheds where existing ground water quality is impaired.

Objective 2M2a: Identify innovative technologies that may be appropriate for the design, installation, and maintenance of on-site wastewater treatment systems to minimize impairment to ground water or surface water quality due to elevated nitrate concentrations and other pollutant loads from septic systems provided the systems meet the minimum standards of N.J.A.C 7:9A.

Policy 3C1: To prohibit through Plan Conformance, local development review and Highlands Project Review the development of additional water and wastewater infrastructure in a ARA within the Conservation and Protection Zones of the Planning Area, unless they meet the requirements of Policy 2J4 with Objectives 2J4a through 2J4d, and Policy 2K3 with Objectives 2K3a through 2K3e, and will maximize the preservation of agricultural lands within the ARA.

Policy 6B2: To limit use and development of land in Protection Zone through appropriate policies regarding resource protection, septic system densities, water supply and wastewater utilities and water availability.

Objective 6H1b: Prevent the extension or creation of water and wastewater utility services in the Protection Zone, Conservation Zone, and Environmentally Constrained Sub-Zones of the Planning Area, unless they meet the requirements of Policy 2J4 with Objectives 2J4a through 2J4d, and Policy 2K3 with Objectives 2K3a through 2K3e, and will maximize the protection of agricultural and environmentally sensitive resources.

Policy 7G1: For the Preservation Area, coordinate with NJDEP during Highlands permit review for any major Highlands development including the review of waivers on a case-by-case basis: 1) if determined to be necessary in order to protect public health and safety; 2) for redevelopment in certain previously developed areas as identified by the Highlands Council, or 3) in order to avoid the taking of property without just compensation.

Policy 7G2: For both the Preservation Area and the Planning Area, a waiver may be issued by the Highlands Council on a case-by-case basis from the requirements of the RMP or any amendments to a master plan, development regulations, or other regulations adopted by a local government unit specifically to conform them with the RMP: 1) if determined to be necessary in order to protect public health and safety; 2) for redevelopment in certain previously developed areas as identified by the Highlands Council, or 3) in order to avoid the taking of property without just compensation. Any waiver issued shall be conditioned upon a determination that the proposed development meets the requirements prescribed for a finding as listed in Section 36.a of the Highlands Act to the maximum extent possible.

APPENDIX F

Highlands Technical Method for WMP Build-Out Analysis

Highlands Technical Method for WMP Build-Out Analysis

The Wastewater Management Plan (WMP) build-out analysis is based on available information from the Highlands Region composite zone data, property class information, the Highlands Regional Build-Out Technical Report, and municipally available data. Residential building units and commercial building square footage are calculated by adding the following composite zone information to the available 2015 parcel information: the designated zone, BODUACRE[1], BOFAR[2], efficiency factor, and average household size (see attached table). The Highlands Council did not take into consideration the possibility of a use variance for parcels that were determined to be undevelopable (a calculated building unit of less than one because of its size and zoning designation).

Below is the list of Highlands Region composite zones that are used during the Highlands WMP build-out process. As a way to separate the residential and non-residential build-out processes, each zone is given a residential designation (res) or a non-residential designation (non-res):

- Estate Residential (Res)
- Rural Residential (Res)
- Resource Residential (Res)
- Low Density Residential (Res)
- Medium Density Residential (Res)
- Suburban Residential (Res)
- High Density Residential (Res)
- Townhouse Attached Residential (Res)
- Garden Apartments (Res)
- Mixed Use/Age Restricted Housing* (Res\Non-Res)
- Mixed Use* (Res\Non-Res)
- Senior or Age Restricted Housing (Res)
- Office/Commercial (Non-Res)
- Retail (Non-Res)
- Industrial (Non-Res)

*These zones go through both the residential and non-residential build-out process; however, they are otherwise considered only non-residential. The resulting gallons per day (GPD) per parcel calculated from the residential and non-residential processes is then added together to get a final GPD.

Assigned Sewer Service Area

To create the Assigned Sewer Service Area the Highlands Council utilized existing areas served sewer service area (EAS-SSA) shapefiles and future sewer service area sewer service area (FSSA-SSA) shapefiles from previous iterations of municipal WMPs or from available sewer shapefiles sent from the municipality. In addition, the Highlands Council reviewed New Jersey Pollutant Discharge Elimination System (NJPDES) active permits on the New Jersey Department of Environmental Protection (DEP) Data Miner website to add into the Assigned Sewer Service Area if they were not already accounted for from the provided shapefiles. This area was broken down into two zones: existing areas served or future sewer service area. For a parcel that is labeled as existing area served, the **entire** parcel is designated as Assigned Sewer Service Area. For a parcel that is labeled as the future sewer service area, only the portion of the parcel that is designated as Existing Community Zone (ECZ) or Lake Community Zone (LCZ)

[1] BODUACRE – Build-Out Dwelling Unit per Acre.
[2] BOFAR – Build-Out Floor Area Ratio

of the Highlands Council Land Use Capability Zones (LUCZ) is designated as an Assigned Sewer Service Area. If a parcel is located within the boundaries of a Highlands Designated Center or a Highlands Designated Redevelopment Area, the entire parcel is designated as an Assigned Sewer Service Area, either labeled as future sewer service area or existing area served of the Assigned Sewer Service Area. Parcels that are labeled as existing area served of the Assigned Sewer Service Area do not go through the build-out process as the existing GPD flows are provided by the applicable wastewater treatment facility or through Digital Monitoring Report (DMR) data from the DEP Data Miner website. The GPD of the proposed future flow is estimated using build-out conditions; parcels labeled as future sewer service area of the Assigned Sewer Service Area are run through the build-out process explained below.

Build-Out Process

The build-out process starts with the remaining acreage of the parcels that are within the ECZ or LCZ, have a designated property class of 1 or 3B, and are not zoned as Mixed Use. The acreage of the DEP constraints are subtracted from the remaining acreage of the parcel. The DEP Environmental Constraints layer originates from DEP and is comprised of the following environmentally sensitive areas: wetlands, natural heritage priority sites, C1 streams and their associated 300-foot buffer, and DEP Landscape program rank 3, 4, and 5 critical habitat.

Flow Formula for residential parcels

1. (Parcel ECZ/LCZ Acres - DEP Environmental Constraints) * Efficiency Factor = Developable Acres
2. Developable Acres * BODUACRE = Building Units
3. Building Units * Average Household Size = People
4. People * 75 GPD = GPD per parcel

Flow Formula for Office/Commercial/Retail parcels

1. (Parcel ECZ/LCZ Sq Ft - DEP Environmental Constraints Sq Ft) * Efficiency Factor * BOFAR = Developable Sq Ft
2. Developable Sq Ft * Public Wastewater System Generation (.10) = GPD per parcel

Flow Formula for Industrial parcels

1. (Parcel ECZ/LCZ Sq Ft - DEP Environmental Constraints Sq Ft) * Efficiency Factor * BOFAR = Developable Sq Ft
2. (Developable Sq Ft / 1,000) *1.11 = Jobs per 1,000 sq ft
3. Jobs * 25 GPD = GPD per parcel

For Mixed Use and Mixed Use/Age Restricted Housing parcels, the residential and commercial build-out derived GPD per parcel are added together to get the final GPD per parcel. Additionally, flows for vacant lands that are calculated below 110 GPD are removed from the Assigned Sewer Service Area, as the environmental constraints on the property reduced its development potential.

For the remaining property classes indicating previous development, the original acreage of the parcel is used to calculate the build-out. For property classes 4A and 4C the commercial build-out from the Highlands Build-Out Technical Report is used and for property class 4B the industrial build-out from the same technical report is used. For property class 2 an assumed 300 GPD is used and the average household size is based on the composite zoning.

Assigned Sewer Service Area - Exemptions

As a way to identify all potential future flows, the Highlands Council attempted to identify parcels that may be entitled to connect to sewer due to eligibility for Exemptions 1, 2, or 4 specified under the Highlands Act and N.J.A.C. 7:38 Highlands Water Protection and Planning Act Rules (Highlands Rules). In order for these identified parcels to be part of the sewer service area they must not only be eligible for an exemption, but also within the pre-Act sewer service area that was designated before August 10, 2004. Parcels that are eligible for an exemption in the Preservation Area, located in the DEP pre-Act Sewer Service Area, and are adjacent to existing sewer service areas are run through the build-out process described above. Parcels identified as property class 4A, 4B, 4C, 15A, 15D or 15F and eligible for Exemption 4 were only run through the build-out process after consulting with the municipality regarding known plans for redevelopment of the identified parcel(s). If no redevelopment plans are known, the parcel is no longer designated as an Exempt Assigned Sewer Service Area.

Unassigned Sewer Service Area

Based on the definition of Unassigned Sewer Service Area, provided by the N.J.A.C. 7:15 Water Quality Management Planning rules, the unassigned sewer service area is any Planning Area parcel that is not designated as an Assigned Sewer Service Area and is located within the ECZ or LCZ and is **not** in the Existing Community Zone – Environmentally Constrained Subzone (ECZ-ECSZ), in accordance with the Highlands Regional Master Plan (RMP). These identified parcels are then run through the build-out process described above. The Highlands Council gave the municipalities the choice to retain identified Unassigned Sewer Service Areas, or delete all or portions of the identified areas since these areas **only depict** areas **eligible** for sewer service, but **do not** actually make identified areas a sewer service area.

Septic Build-Out Analysis - Preservation Area

In order to estimate the number of septic systems that may be added in a municipality, build-out conditions were analyzed in the Highlands Region. For the Preservation Area, the build-out analysis started with estimating build-out utilizing the N.J.A.C. 7:38 DEP Highlands Rules. First, parcels that are at least 25 acres or more were identified. This threshold was chosen since a vacant or underdeveloped parcel in the Preservation Area cannot install a new septic on the property that will maintain water quality nitrate standards in accordance with the Highlands Rules under estimated build-out conditions if it is under 25 acres. As per the Highlands Rules, a parcel that contains forest cannot have more than one septic system for every 88 acres and a parcel that does not contain forest cannot have more than one septic system for every 25 acres (25/88 rule). The number of septic systems on a parcel that contains a combination of forest and non-forest is calculated by finding the number of septic systems allowed on the forest and non-forest acres of the parcel and then subsequently adding those septic system numbers together. Land use land cover (LULC) codes are used to determine which portions of the parcels are forest or non-forest. Parcels with septic unit totals greater than or equal to two are kept under the Preservation Area Underdeveloped Septic wastewater designation. Any parcel with less than two calculated septic systems was deleted because it is assumed that a land owner who could get only one septic system on his/her property using the 25/88 rule would prefer to build the septic system under an exemption, if eligible. These septic system numbers are taken into account in the septic exemption build-out.

Septic Exemptions

In an attempt to understand the number of additional septic systems that may be installed in a municipality under complete build-out conditions, the Highlands Council created a build-out analysis to determine how many parcels could fall under exemption eligibility. Like the exemption analysis for the Assigned Sewer Service Area, this process is developed using generalized assumptions that does not take into account environmental constrains that may affect the buildability of a parcel. Septic exemptions are any parcel in the Preservation Area not identified as an Assigned Sewer Service Area, not identified as a Preservation Area Underdeveloped Septic parcel, not identified as preserved land, has a designated property class of 1 or 3B, and was identified as one of the following composite zones:

Estate Residential	Medium Density Residential
Rural Residential	Suburban Residential
Resource Residential	High Density Residential
Low Density Residential	Townhouse Attached Residential

Building unit calculations were based on the BODUACRE from one of the zones above and the acreage of the parcel. Parcels that had a total building unit less than one were removed from the septic exemption designation.

Septic Build-Out Analysis - Planning Area

Residential Zones

Residentially zoned parcels that are in the Planning Area and not designated as existing area served in the Assigned Sewer Service Area are analyzed as part of the septic build-out analysis. The septic build-out was determined using property classes 1, 2, and 3B and parcels with condominium qualifier codes were removed. Condominiums are removed because the wastewater generated by them is too large for a septic system and it is assumed that a developed condominium complex would either be connected to a sewer service area or connected to a discharge to groundwater facility with a designated (NJPDES) permit. Using the BODUACRE from the composite zoning, building units were calculated for these parcels. For parcels with a property class of 1 or 3B a building unit of at least one had to be calculated in order to proceed with the septic build-out process. For parcels with a property class of 2 at least two building units have to be calculated to proceed with the septic build-out process. Since property class 2 implies at least one single family residential dwelling is built on the property, the parcel has to be zoned for more than one dwelling as it is assumed more single family dwellings can be constructed on the parcel under full build-out conditions. The number of acres of the Protection Zone (PZ), Conservation Zone (CZ), and ECZ are determined on each parcel. Utilizing the Highlands Council LUCZ Septic Table the number of septic systems is determined for each parcel. The number of septic systems cannot exceed the number of calculated building units, therefore if the number of calculated septic systems for a parcel is higher than the number of building units calculated for the parcel based on zoning, then the number of septic systems is decreased to match the number of building units. Using this process the number of septic units calculated is called the LUCZ yield. These are the number of septic units that can be built in the Planning Area of a municipality that will maintain water quality nitrate standards in accordance with the RMP under full build-out conditions. The Highlands Council also takes into account parcels that may have calculated building units of 2, but are only allowed one septic system on the parcel due to the LUCZ

septic constraints. Since the Highlands land use ordinance amendments only require evaluation against the RMP for the construction of three or more new residential houses, a landowner can choose to build up to two building units and an associated septic system for each unit regardless of the RMP septic yield. Under this scenario, it is assumed under build-out conditions that two septic systems would be installed as opposed to just the one septic system allotted by the LUCZ septic yield.

Non-Residential Zones

Non-residential zoned parcels that are in the Planning Area and not designated as existing area served in the Assigned Sewer Service Area are analyzed as part of the septic build-out analysis. These parcels are identified if they are property classes 1 or 3B, are not preserved lands, and zoned as non-residential. The number of acres of the PZ, CZ, and ECZ and their associated subzones, were determined for each identified parcel. The Highlands Council LUCZ Septic Table was used to determine the number of septic systems that could be installed on the parcel under RMP septic build-out conditions. Any parcel that received a septic yield of zero was removed.

Highlands Module 2 Build-Out Model Impact Factors

Highlands Zone Type	Comparison Zone/Unit Type	Source	Region	Density Dwelling unit (du)/acre *	Efficiency Factor % (1)	Average Household Size (2)	Average School Children in Household (2)	Percent Impervious (3)	Consumptive/Depletive Water Use includes Indoor demand (gpd per person) plus outdoor demand as (gpd per unit) multiplied by Consumptive/Depletive Use Coefficient (4)	Public Water System Demand (5)	Public Wastewater System Generation (6)
SF Estate Residential or (PA-5)				0.05 to 0.20 (0.17 maximum)	95			0.075* acres	(75 gpd/person + 50 gpd/unit) * Consumptive/Depletive Coefficient	100 gallons per person per day	75 gallons per person per day
	Single-family Detached 4-5 BR	Statewide NJ Demographic Multipliers (2)	Northern[1]			3.809	1.072				
	Single-family Detached 4-5 BR		Central[2]			3.780	1.094				
SF Rural Residential, Resource Residential, or (PA-4B)				0.21 to 0.5 du/acre (0.17 maximum)	95			0.075* acres	(75 gpd/person + 50 gpd/unit) * Consumptive/Depletive Coefficient	100 gallons per person per day	75 gallons per person per day
	Single-family Detached 4-5 BR	Statewide NJ Demographic Multipliers (2)	Northern[1]			3.809	1.072				
	Single-family Detached 4-5 BR		Central[2]			3.780	1.094				
SF Low Density or (PA-4)				0.51 to 1.0 du/acre (1.16 maximum)	80			0.075* acres	(75 gpd/person + 50 gpd/unit) * Consumptive/Depletive Coefficient	100 gallons per person per day	75 gallons per person per day
	Single-family Detached 4-5 BR	Statewide NJ Demographic Multipliers (2)	Northern[1]			3.809	1.072				
	Single-family Detached 4-5 BR		Central[2]			3.780	1.094				
SF Medium Density, Suburban Residential, or (PA-3)				1.01 to 3.0 du/acre (3.81 minimum)	75			26.7	(75 gpd/person + 30 gpd/unit) * Consumptive/Depletive Coefficient	100 gallons per person per day	75 gallons per person per day
	Single-Family Detached, 2-3 BR	Statewide NJ Demographic Multipliers (2)	Northern[1]			3.137	0.607				
	Single-Family Detached, 2-3 BR		Central[2]			2.578	0.367				
SF High Density or (PA-2)				3.01 to 8.0 du/acre (7.04 minimum)	75			33.7	(75 gpd/person + 5 gpd/unit) * Consumptive/Depletive Coefficient	75 gallons per person per day	75 gallons per person per day
	Single-Family Attached, 2-3 BR	Statewide NJ Demographic Multipliers (2)	Northern[1]			2.477	0.296				
	Single-Family Attached, 2-3 BR		Central[2]			2.296	0.292				
Attached/Townhouse or (PA-1)				8.01 to 16.0 du/acre (9.78 minimum)	75			45.7	(75 gpd/person + 5 gpd/unit) * Consumptive/Depletive Coefficient	75 gallons per person per day	75 gallons per person per day

Highlands Module 2 Build-Out Model Impact Factors

Highlands Zone Type	Comparison Zone/Unit Type	Source	Region	Density Dwelling unit (du)/acre *	Efficiency Factor % (1)	Average Household Size (2)	Average School Children in Household (2)	Percent Impervious (3)	Consumptive/Depletive Water Use includes Indoor demand (gpd per person) plus outdoor demand as (gpd per unit) multiplied by Consumptive/Depletive Use Coefficient (4)	Public Water System Demand (5)	Public Wastewater System Generation (6)
	Single-Family Attached, 2-3 BR	Statewide NJ Demographic Multipliers (2)	Northern[1]			2.477	0.296				
	Single-Family Attached, 2-3 BR		Central[2]			2.296	0.292				
Garden Apartment or (PA-1)				16.01+ du/acre (9.78 minimum)	70			57.1	(75 gpd/person + 5 gpd/unit) * Consumptive/Depletive Coefficient	75 gallons per person per day	75 gallons per person per day
	5+ Units (Own/Rent), 2-3 BR	Statewide NJ Demographic Multipliers (2)	Northern[1]			2.262	0.308				
	5+ Units (Own/Rent), 2-3 BR		Central[2]			2.342	0.373				
Mixed use/Age Restricted Housing (percent mix based on 40% residential and 60% non-residential as Office/Commercial)		Municipal Zoning		Apply zone density and FAR value Note: Use Retail/Commercial Impact factors for non-res %	70	Varies Based on zoning Du/Acre description	0.00	68.8	(75 gpd/person + 5 gpd/unit) * Consumptive/Depletive Coefficient	75 gallons per person per day	75 gallons per person per day
Mixed use (percent mix based on 40% residential and 60% non-residential as Office/Commercial)		Municipal Zoning		Apply zone density and FAR value Note: Use Retail/Commercial Impact factors for non-res %	70	Varies Based on zoning Du/Acre description	Varies Based on zoning Du/Acre description	42.0	(75 gpd/person + 5 gpd/unit) * Consumptive/Depletive Coefficient	75 gallons per person per day	75 gallons per person per day
Senior or Age restricted Housing		Municipal Zoning		Varies Based on zoning Du/Acre description	70	Varies Based on zoning Du/Acre description	0.00	60.3	(75 gpd/person + 5 gpd/unit) * Consumptive/Depletive Coefficient	75 gallons per person per day	75 gallons per person per day

Highlands Build-Out Residential Impact Factors – Sources

* Residential dwelling units generated by the build-out model include both market rate and affordable units.

(1) Source: Efficiencies are given as a percentage, between 0 and 100, where a 100 value means complete efficiency (no land lost to development), and a 0 value means no buildings will be estimated for that land use. For example an efficiency of 70% may be representative of developable land that has a 10% set aside for parks and 20% for roads (100% - 10% - 20% = 70%). Project determined values.

(2) Source: Who Lives in New Jersey Housing? New Jersey Demographic Multipliers, The Profile of Occupants of Residential and nonresidential Development. Listokin, D., Voicu, I., Dolphin, W., Camp, M. Center for Urban Policy Research. Rutgers University. November 2006. Northern NJ values were applied to Bergen, Morris, Passaic, Sussex and Warren County municipalities. Central NJ values were applied to Hunterdon and Somerset County municipalities.

1 Table II-C-1 North Region of New Jersey Total Persons and Persons by Age (2000) (p. 85) 2 Table II-D-1 Central Region of New Jersey Total Persons and Persons by Age (2000) (p. 99)

(3) Source: NCNBR, Rutgers University, April 27, 2006. The impervious surface area for new dwelling units large lot zoned areas (*) is based on an average 15% impervious surface value (per NJDEP LU/LC) and a project determined average homestead area of 0.50 acres. No impact value is attached to the remaining undeveloped area. The impact percentage factors for the other residential composite zones represent weighted averages of NJ Highlands Percent Impervious Surface for all residentially developed lands in that composite zone. The raw data was obtained by overlaying NJ Highlands Zoning and DEP 2002 LU/LC spatial data files, and extracting the calculated percent impervious surface area attached to each LU/LC residential developed land polygon and the acres of associated developed land in each intersecting municipal zone polygon. The impervious surface areas in each municipal zone within the composite zone were aggregated and then divided by the total developed residential land area, to produce a weighted IS average for each composite zone.

(4) Source: Center for Urban Policy Research (CUPR), September 2000. NJGS Consumptive Use Coefficients. For consumptive uses, a factor of 29% is utilized. For depletive uses, a factor of 100% is used

(5) Source: NJDEP N.J.A.C. 7:10 Safe Drinking Water Act Regulations Adopted November 4, 2004, 7:10-12.6 Water Volume Requirements and State Plan Impact Assessment

(6) Source: NJDEP N.J.A.C. 7:14A-23.3 Pollutant Discharge Elimination System: Technical Requirements For TWA Applications; Projected flow criteria

Highlands Module 2 Build-Out Model Impact Factors

Highlands Composite Zone Type	Floor Area Ratio	Efficiency Factor % (1)	Region	Jobs per 1,000 sf (2)	Percent Impervious (3)	Consumptive/Depletive Water Use multiplied by Consumptive/Depletive Use Coefficient (4)	Public Water System Demand (5)	Public Wastewater System Generation (6)
Office/Commercial	Based on zoning	80	Northeast US	2.99	78.3	0.125 gpd/sf * Consumptive/Depletive Coefficient	0.125 gallons/day/sf	0.10 gallons/day/sf
Retail	Based on zoning	80	Northeast US	1.63	72.5	0.125 gpd/sf * Consumptive/Depletive Coefficient	0.125 gallons/day/sf	0.10 gallons/day/sf
Industrial	Based on zoning	80	Northeast US	1.11	53.4	25 gpd/person * Consumptive/Depletive Coefficient	25 gallons per person per day	25 gallons per person per day

Highlands Build-Out Non-Residential Impact Factors – Sources

(1) Source: Efficiencies are given as a percentage, between 0 and 100, where a 100 value means complete efficiency (no land lost to development), and a 0 value means no buildings will be estimated for that land use. For example an efficiency of 70% may be representative of developable land that has a 10% set aside for parks and 20% for roads (100% - 10% - 20% = 70%). Project determined values.

(2) Source: Who Lives in New Jersey Housing? New Jersey Demographic Multipliers, The Profile of Occupants of Residential and nonresidential Development. Listokin, D., Voicu, I., Dolphin, W., Camp, M. Center for Urban Policy Research. Rutgers University. November 2006.

a Table II-I-3 Commercial - Office Employees per 1,000 Square Feet of Gross Floor Area (GFA) (p. 136)
(Reported Northeast mean value).

b Table II-I-4 Commercial – Retail Employees per 1,000 Square Feet of Gross Floor Area (GFA) (p. 139)
(Value derived by averaging the mean number of employees per 1,000 sq. ft. of GFA for retail (excluding mall), retail (enclosed mall), and retail (strip shopping mall) space in the Northeast).

c Table II-I-6 Industrial – Warehouses Employees per 1,000 Square Feet of Gross Floor Area (GFA) (p. 143)
(Value derived by averaging the mean number of employees per 1,000 sq. ft. of GFA for Non-Refrigerated and Refrigerated space in the Northeast).

(3) Source: NCNBR, Rutgers University, April 27, 2006. The impervious surface area for new dwelling units large lot zoned areas (*) is based on an average 15% impervious surface value (per NJDEP LU/LC) and a project determined average homestead area of 0.50 acres. No impact value is attached to the remaining undeveloped area. The impact percentage factors for the other residential composite zones represent weighted averages of NJ Highlands Percent Impervious Surface for all residentially developed lands in that composite zone. The raw data was obtained by overlaying NJ Highlands Zoning and DEP 2002 LU/LC spatial data files, and extracting the calculated percent impervious surface area attached to each LU/LC residential developed land polygon and the acres of associated developed land in each intersecting municipal zone polygon. The impervious surface areas in each municipal zone within the composite zone were aggregated and then divided by the total developed residential land area, to produce a weighted IS average for each composite zone.

(4) Source: Center for Urban Policy Research (CUPR), September 2000. NJGS Consumptive Use Coefficients. For consumptive uses, a factor of 29% is utilized. For depletive uses, a factor of 100% is used

(5) Source: NJDEP N.J.A.C. 7:10 Safe Drinking Water Act Regulations Adopted November 4, 2004, 7:10-12.6 Water Volume Requirements and State Plan Impact Assessment

(6) Source: NJDEP N.J.A.C. 7:14A-23.3 Pollutant Discharge Elimination System: Technical Requirements For TWA Applications; Projected flow criteria

APPENDIX G

Septic Inventory

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_10_1	1024	CHESTNOY-TAYLOR, VERONICA	2 FAIRMOUNT RD WEST,TEWKSBURY TWP	10	1	92064.72	2.113515	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_2	1024	PASCALE, BRYAN P & DAWN	1 GUINEA HOLLOW RD,TEWKSBURY TWP	10	2	71096.31	1.632147	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	10/16/2014	BOB RUTAN							
1024_10_3	1024	KRAWCHUK JOSEPH	50 SUTTON RD,TEWKSBURY TWP	10	3	223554.9	5.132115	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_3.01	1024	MARGENAU, ROLF & NANCY	48 SUTTON RD,TEWKSBURY TWP	10	3.01	166485.9	3.821991	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_3.02	1024	D'ARMIENTO, EDWARD J & LORI E	46 SUTTON RD,TEWKSBURY TWP	10	3.02	130680.6	3.000013	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_4	1024	HALL, ANDREW	58 SUTTON RD,TEWKSBURY TWP	10	4	1191614	27.35569	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_5	1024	MUHLHAUSER, JURGEN & ANNE MARIE	5 FARMERSVILLE RD,TEWKSBURY TWP	10	5	131019.4	3.007791	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_5.01	1024	MACK, EVELYN	76 SUTTON RD,TEWKSBURY TWP	10	5.01	131325.4	3.014817	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_5.02	1024	WADE, JUDITH/SCHUYLER JTRS	70 SUTTON RD	10	5.02	2955982	67.86	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	7/12/2018	E&LP							
1024_10_5.04	1024	O'NEILL, RICHARD & ABBY	7 FARMERSVILLE RD,TEWKSBURY TWP	10	5.04	136272.7	3.12839	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_5.05	1024	STEENKAMP, HENRI/NATASHA	34 FAIRMOUNT RD WEST,TEWKSBURY TWP	10	5.05	130739.9	3.001376	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_5.07	1024	WOOD, MARK & KATHLEEN	9 FARMERSVILLE RD,TEWKSBURY TWP	10	5.07	144187.7	3.310093	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_5.08	1024	MAKSIMOWICH, JASON C & DAWN L	1 FARMERSVILLE RD,TEWKSBURY TWP	10	5.08	130160.6	2.988076	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_5.09	1024	VANVOLKENBURGH, DANIEL S TRUST	3 FARMERSVILLE RD,TEWKSBURY TWP	10	5.09	135508.4	3.110845	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_6.01	1024	CAFARO, GERARD THOMAS & ERIN ANN	15 FARMERSVILLE RD,TEWKSBURY TWP	10	6.01	259159.7	5.949488	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_6.02	1024	CASKEY, DAVID H & KAREN A ONUFER	78 SUTTON RD,TEWKSBURY TWP	10	6.02	131965	3.0295	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_6.03	1024	BAUCH, RICHARD H & LISA C	86 SUTTON RD,TEWKSBURY TWP	10	6.03	130563.5	2.997326	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR; AL	6/4/2014; 9/28/2017	CASTLE SEPTIC; BAYER RISSE							
1024_10_6.04	1024	SAULSKY, IGOR & ELIZABETH	82 SUTTON RD,TEWKSBURY TWP	10	6.04	130410.2	2.993806	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_6.05	1024	MCDERMOTT, RICHARD J & BARBARA	80 SUTTON RD,TEWKSBURY TWP	10	6.05	130828.2	3.003403	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	8/14/2017	D & V							
1024_10_6.06	1024	LAWRENCE, JOHN / ELIZABETH	90 SUTTON RD,TEWKSBURY TWP	10	6.06	134079	3.078031	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_6.09	1024	GREENE, DEBORA	84 SUTTON RD,TEWKSBURY TWP	10	6.09	130030.9	2.985099	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_6.10	1024	SAITTA, JOSEPH & FRANCINE	88 SUTTON RD,TEWKSBURY TWP	10	6.1	129713.8	2.977819	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	4/5/2016	D&V CONSTRUCTION							
1024_10_6.11	1024	FERRAIOLI, BRIAN K & SHARON L	92 SUTTON RD,TEWKSBURY TWP	10	6.11	128296.6	2.945284	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_7.01	1024	MENZA, DANIEL & KAREN A	44 SUTTON RD,TEWKSBURY TWP	10	7.01	130046.8	2.985464	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_7.02	1024	BITTERS, CHRISTIAN J III & JANINE R	42 SUTTON RD,TEWKSBURY TWP	10	7.02	130598.4	2.998126	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_7.03	1024	JENSEN, CHRISTINE	5 GUINEA HOLLOW RD,TEWKSBURY TWP	10	7.03	137504.8	3.156676	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_10_7.04	1024	RAINES, NINA C	3 GUINEA HOLLOW RD,TEWKSBURY TWP	10	7.04	130433.1	2.994331	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_12.01	1024	FREIBERGS, DONALD E & MARIE MCNERN	26 LONG VIEW RD,TEWKSBURY TWP	11	12.01	289150.6	6.637984	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_13	1024	MARANCA, MICHAEL & ANDREA	20 LONG VIEW RD,TEWKSBURY TWP	11	13	56084.52	1.287523	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_14	1024	MARTINICO, JEANNIE	18 LONG VIEW RD,TEWKSBURY TWP	11	14	155344.6	3.566222	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	6/18/2013	CAREAGA ENGINEERING							
1024_11_16	1024	STEWART, DOUGLAS A & KIRSTEN	29 WATER ST,TEWKSBURY TWP	11	16	105309.2	2.417566	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_16.01	1024	SHANLEY, MATTHEW T & CONNIE JO W	10 LONG VIEW RD,TEWKSBURY TWP	11	16.01	438740.2	10.07209	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	9/7/2017	PERFECTION EXCAVATING							
1024_11_16.02	1024	CHENG, ATHENA	14 LONG VIEW RD,TEWKSBURY TWP	11	16.02	152561.6	3.502333	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_16.04	1024	PIERCE, HEATHER A	6 LONG VIEW RD,TEWKSBURY TWP	11	16.04	421879.8	9.685028	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	9/10/2013	DELAWARE VALLEY SEPTIC							
1024_11_16.05	1024	PASSERA, WILLIAM & PENELOPE	4 LONG VIEW RD,TEWKSBURY TWP	11	16.05	152301.9	3.496369	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_16.06	1024	LIANA, ROBERT T & MICHELE A	2-A LONG VIEW RD,TEWKSBURY TWP	11	16.06	138683.3	3.18373	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_17	1024	WINTER, BRUCE K & ELIZABETH R	25 WATER ST,TEWKSBURY TWP	11	17	41825.87	0.96019	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_18	1024	FREY, WILMA E	23 WATER ST,TEWKSBURY TWP	11	18	20316.35	0.466399	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_19	1024	KLITSCH, PAUL J & DOROTHY R	21 WATER ST,TEWKSBURY TWP	11	19	12563.2	0.288411	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_2	1024	KLUMPP, HENRY F & JOAN	1174 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	2	49920.34	1.146013	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_20	1024	WOLLMER, STEFFEN/WIETERS, SUSAN J	19 WATER ST,TEWKSBURY TWP	11	20	69767.82	1.601649	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_21	1024	REFALO, RICHARD & ALLISON	15 WATER ST,TEWKSBURY TWP	11	21	139576.5	3.204236	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_22.02	1024	LUCARIELLO, VICTOR M & JOANNE M	1008 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	22.02	81622.13	1.873786	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	6/17/2016	D & V							
1024_11_22.03	1024	KLEINER, JUDITH A	1014 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	22.03	174208.6	3.99928	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_22.05	1024	BASTONE FRANK & HARRIET R	1026 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	22.05	139515	3.202824	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	7/16/2013	FRANK APGAR & SONS							
1024_11_22.08	1024	HOFFMAN, WILLIAM / KATHLEEN	1010 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	22.08	124703	2.862786	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_22.10	1024	ARNETT III, GEORGE W & SERENA K	1024 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	22.1	132893.9	3.050824	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	7/20/2018	GLEN LIKUS							
1024_11_22.11	1024	CUTT, JOHN R & SUSAN P NEMETH	1022 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	12.11	290857.5	6.677169	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	4/27/2018	JJ& B							
1024_11_23	1024	COULTER, JEANETTE	5 WATER ST,TEWKSBURY TWP	11	23	89998.36	2.066078	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_25	1024	PIEGER, ARTHUR & APRIL DUSTIN	234 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	25	67778.49	1.55598	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_26	1024	BARNARD, DEBORA H	236 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	26	131510.3	3.019062	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_27	1024	KEYAK, GARY W & PAULA C	238 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	27	23457.23	0.538504	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_28	1024	HILLNER, JACQUELINE W	240 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	28	23357.84	0.536222	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_29	1024	ANDRADE, GASPAR M / COLLEEN S	1002 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	29	30068.53	0.690279	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_3	1024	CONLEY, VINCENT J/IGEA C TIC	1176 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	3	132951.5	3.052146	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_3.01	1024	MILLS, MATTHEW/MALVIA BAILEY	1178 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	3.01	145303.7	3.335713	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_30	1024	BUSNACK, CHARLES W	1004 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	30	11930.32	0.273883	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_31	1024	FRASER, TIMOTHY J & TERRI	1006 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	31	13271.91	0.304681	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	repair	6/24/2016	TOBY BARKMAN							
1024_11_32.01	1024	MILLER, TRISTAN DESOTO / TINA	1034 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	32.01	260798	5.987097	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_32.02	1024	MILLER, MELVILLE D JR	1028 CALIFON-COKESBURY RD	11	32.02	229561.2	5.27	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	5/7/2015	FRANK APGAR & SONS							
1024_11_34	1024	BROWN, MICHAEL J & EMILIE JENNIFER	1114 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	34	202489.6	4.648523	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_35.01	1024	SILVERSTEIN, PETER & CAROL	1120 CALIFON-COKESBURY RD	11	35.01	261360	6	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	3/28/2018	STEPHEN PARKER							
1024_11_37	1024	BEAULIEW, AIMEE & MICHAEL NEW	12 LONG VIEW ROAD,TEWKSBURY TWP	11	37	59326.2	1.361942	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_4.01	1024	CAMMALLERI, PETER	1202 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	4.01	116275.6	2.66932	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_4.02	1024	LONGUA, CHRISTOPHER / NATALIE	1180 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	4.02	123350.4	2.831736	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_40	1024	WILSON, CHRISTY J	28 LONG VIEW RD,TEWKSBURY TWP	11	40	161967.5	3.718262	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_41	1024	RYAN, MICHAEL J & LINDA A	1020 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	41	165196.3	3.792386	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_5.01	1024	SOCKOLOF, ARTHUR & ANN	7 SUTTON RD,TEWKSBURY TWP	11	5.01	110530.8	2.537438	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_5.02	1024	LEWIS, BRETT E & MELISSA M	5 SUTTON RD,TEWKSBURY TWP	11	5.02	119641.7	2.746595	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_5.03	1024	SCHIAVONI, RICHARD	3 SUTTON RD,TEWKSBURY TWP	11	5.03	126733	2.909389	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_5.04	1024	WATTS, DAVID & LINDA	1204 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	5.04	95910.89	2.201811	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_5.05	1024	GOODMAN, BARRY S. & EMILY J.	1206 CALIFON-COKESBURY RD,TEWKSBURY TWP	11	5.05	127358	2.923738	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_6	1024	MURTAZA, SYED / MADDIHA MASOOD KHAN	3-A SUTTON RD,TEWKSBURY TWP	11	6	154502.4	3.546887	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	NEW	8/14/2012	PARKER ENGINEERING							

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_11_7.01	1024	DAVIDSON, ERICA	16 PHILHOWER RD,TEWKSBURY TWP	11	7.01	160921.4	3.694246	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	7/8/2015	KURT HOFFMAN							
1024_11_7.02	1024	KHEM, THY	20 PHILHOWER RD,TEWKSBURY TWP	11	7.02	132466.9	3.041021	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_8.01	1024	MADAR, SANDRA	34 LONG VIEW RD,TEWKSBURY TWP	11	8.01	158253.2	3.632994	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_8.02	1024	KOSAKOWSKI, JOSEPH P & SUZANNE E	38 LONG VIEW RD,TEWKSBURY TWP	11	8.02	174702.8	4.010625	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_8.03	1024	MANU, NANA DENNIS & SHIRLEY B	36 LONG VIEW RD,TEWKSBURY TWP	11	8.03	169526.8	3.8918	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_8.04	1024	SNYDER, BEATRICE H TRUST	40 LONG VIEW RD,TEWKSBURY TWP	11	8.04	170105.9	3.905094	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_8.05	1024	PFEUFER, FRED J & E BARBARA	42 LONG VIEW RD,TEWKSBURY TWP	11	8.05	211476.1	4.854822	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_9.01	1024	GLENNON, PATRICK A.	22 PHILHOWER RD,TEWKSBURY TWP	11	9.01	126741.9	2.909593	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_9.02	1024	FALK, JOSEPH P & JUDY A	2 GLENNON FARM LN,TEWKSBURY TWP	11	9.02	165054.1	3.78912	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_9.03	1024	DELERY, LOUIS N & BARBARA A	4 GLENNON FARM LN,TEWKSBURY TWP	11	9.03	155490.3	3.569566	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_9.04	1024	WIRTH, MARK A & KAREN HABUCKY	6 GLENNON FARM LN,TEWKSBURY TWP	11	9.04	230283.4	5.28658	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	2/4/2013	ROBERT K. RUTAN							
1024_11_9.05	1024	MAXWELL JR, TIMOTHY J & BETH L	8 GLENNON FARM LN,TEWKSBURY TWP	11	9.05	220973.3	5.072848	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_9.06	1024	JOHNSON, EDWARD G & DEBRA B	12 GLENNON FARM LN,TEWKSBURY TWP	11	9.06	382274.2	8.775807	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	NEW	10/24/2012	STEVE PARKER							
1024_11_9.08	1024	SCHATZKI, DEBRA & NICK C/O M & K	16 GLENNON FARM LN,TEWKSBURY TWP	11	9.08	322157.7	7.395722	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_9.09	1024	RUSSO, STEVEN	18 GLENNON FARM LN,TEWKSBURY TWP	11	9.09	267880.9	6.1497	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_9.10	1024	TUPPATSCH, RAYMOND	20 GLENNON FARM LN,TEWKSBURY TWP	11	9.1	204880.3	4.703404	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_9.11	1024	YODER, RICHARD ALLEN & LEIGH ANN	17 GLENNON FARM LN,TEWKSBURY TWP	11	9.11	224055.1	5.143598	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_9.12	1024	PEDICINI, COSIMO & ELISABETTA	15 GLENNON FARM LN,TEWKSBURY TWP	11	9.12	231671.5	5.318447	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	4/17/2017	TRI COUNTY SEPTIC							
1024_11_9.13	1024	CODOYANNIS, ARISTIDES & VERONICA	13 GLENNON FARM LN,TEWKSBURY TWP	11	9.13	358264.9	8.22463	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_9.14	1024	BRENNER, JOHN	11 GLENNON FARM LN,TEWKSBURY TWP	11	9.14	402396.6	9.237754	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_9.15	1024	LIFTIN, ALAN J	9 GLENNON FARM LANE,TEWKSBURY TWP	11	9.15	243461.6	5.589109	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_11_9.16	1024	SNYDER, ARTHUR III & JACQUELYN D	7 GLENNON FARM LN,TEWKSBURY TWP	11	9.16	362959.4	8.3324	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_1.02	1024	WILL, OLIVER C & KIMBERLY BECK	25 SUTTON RD,TEWKSBURY TWP	12	1.02	265652.7	6.098546	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_1.03	1024	HAMILTON, IRYNA & DENIS G	16 GUINEA HOLLOW RD,TEWKSBURY TWP	12	1.03	122065.4	2.802236	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	RUSSELL RI	8/14/2015	REPAIR							
1024_12_1.04	1024	POTTER, RONALD & RACHEL	27 SUTTON RD,TEWKSBURY TWP	12	1.04	303295.5	6.962707	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_1.05	1024	BRODY, JUNE E TRUSTEE	29 SUTTON RD,TEWKSBURY TWP	12	1.05	276131	6.339096	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_1.06	1024	TEWKSBURY LAND TRUST C/O T KOVEN	37 SUTTON RD,TEWKSBURY TWP	12	1.06	159175.6	3.654169	TEWKSBURY TWP	HUNTERDON	Non_Residential	Preservation										
1024_12_11	1024	PRESUTTI, MATTHEW T & MEGHAN M	28 GUINEA HOLLOW RD,TEWKSBURY TWP	12	11	124765.8	2.864229	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR; RE	1/11/2012; 6/15/201	THE PUMPER, LLC; DELAWARE VALLEY SEPTIC							
1024_12_12	1024	SIEGEL, ELLEN L.	51 PHILHOWER RD,TEWKSBURY TWP	12	12	384367.3	8.823859	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_13	1024	KRAMER, NEIL & DONNA PHILLIPS	32 GUINEA HOLLOW RD,TEWKSBURY TWP	12	13	245770.2	5.642106	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_14	1024	BARBOUR, EMILY	34 GUINEA HOLLOW RD,TEWKSBURY TWP	12	14	206424.7	4.738859	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	3/6/2015	RICK BEAVERS							
1024_12_15.01	1024	BAUMANN PETER S & MARGARET H	36 GUINEA HOLLOW RD,TEWKSBURY TWP	12	15.01	291945.3	6.702142	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_16	1024	MULHOLLAND, WALTER T/KRISTEN E	40 GUINEA HOLLOW RD,TEWKSBURY TWP	12	16	130879.9	3.00459	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_17	1024	SARUBBI, MARK & CHRISTI L SHAW	44 GUINEA HOLLOW RD, TEWKSBURY TWP	12	17	339768	7.8	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	9/10/2015	KURT HOFFMAN							
1024_12_2	1024	BENTLEY, LAWRENCE F JR & M MUELLER	12 GUINEA HOLLOW RD,TEWKSBURY TWP	12	2	168914.4	3.877741	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_20	1024	KURZROCK, MICHAEL & DANA	71 PHILHOWER RD,TEWKSBURY TWP	12	20	135430.7	3.109061	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_23	1024	DEVLIN, NICHOLAS & ELIZABETH	323 MAIN ST-MOUNTAINVILLE,TEWKSBURY TWP	12	23	7729.66	0.177449	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_24	1024	ROSS, KENNETH C & KAREN R	319 MAIN ST-MOUNTAINVILLE,TEWKSBURY TWP	12	24	12728.46	0.292205	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_25	1024	DEVLIN, NICHOLAS KIRK	321 MAIN ST-MOUNTAINVILLE,TEWKSBURY TWP	12	25	56112.41	1.288164	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_27	1024	LEVIN CHARLES & AMY S	63 PHILHOWER RD,TEWKSBURY TWP	12	27	352932.4	8.102213	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_29	1024	WILSON, VANCE	59 PHILHOWER RD,TEWKSBURY TWP	12	29	581353.3	13.34604	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_29.01	1024	MAY PAUL & JUDITH S	57 PHILHOWER RD,TEWKSBURY TWP	12	29.01	283373.2	6.505354	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_29.02	1024	CONNORS, JAMES A & MARLENE A	53A PHILHOWER RD,TEWKSBURY TWP	12	29.02	256082.7	5.87885	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_3	1024	CASSA, GEORGE C & PATRICIA A	14 GUINEA HOLLOW RD,TEWKSBURY TWP	12	3	144763	3.3233	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_32.01	1024	FOX, NANCY J	41 PHILHOWER RD,TEWKSBURY TWP	12	32.01	122326.5	2.808229	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_32.02	1024	KLING, DOUGLAS F	45 PHILHOWER RD,TEWKSBURY TWP	12	32.02	123909.1	2.844562	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_32.03	1024	LLOYD, BRYAN C	47 PHILHOWER RD,TEWKSBURY TWP	12	32.03	158081.2	3.629045	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_33	1024	ROBERTOZZI, NATALIA / THOMAS H	39 PHILHOWER RD,TEWKSBURY TWP	12	33	215860.7	4.95548	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_34	1024	SHEPARD, DAVID J	9 WINTERWOOD RD,TEWKSBURY TWP	12	34	489832.2	11.245	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_35	1024	WOOD, ANDRAE E	6 WINTERWOOD RD,TEWKSBURY TWP	12	35	175920.1	4.038569	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_37	1024	MCDOWELL, DONALD J & SUSAN K	11 WINTERWOOD RD,TEWKSBURY TWP	12	37	96995.61	2.226713	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_38	1024	JANSSEN, BRUCE & ALLYSON	35A PHILHOWER RD,TEWKSBURY TWP	12	38	86274.83	1.980598	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_39	1024	YPSILANTIS, ANTONIA	35 PHILHOWER RD,TEWKSBURY TWP	12	39	182595.7	4.191821	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_4	1024	MONROE, PAUL JAMES & DRUCELLA JANAK	18 GUINEA HOLLOW RD,TEWKSBURY TWP	12	4	141401	3.246121	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR; AL	4/23/2014; 9/26/2014	BOB RUTAN; BAYER-RISSE ENGINEERING							
1024_12_40	1024	OLSEN, ANDREA M & KENNETH A	33 PHILHOWER RD,TEWKSBURY TWP	12	40	112866.8	2.591064	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_41	1024	IMBRIACO, FRANK M & JULIE A	31 PHILHOWER RD,TEWKSBURY TWP	12	41	77405.56	1.776987	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_42	1024	NAU, CLYDE DENNIS & HEIDI BETH	31A PHILHOWER,TEWKSBURY TWP	12	42	250709	5.755486	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_43	1024	NELSON, BRIAN & DIANE	29A PHILHOWER RD,TEWKSBURY TWP	12	43	163775.9	3.759778	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_44	1024	HOFFMAN, DANIEL & ELEANOR	27A PHILHOWER RD,TEWKSBURY TWP	12	44	143642.8	3.297586	TEWKSBURY TWP	HUNTERDON	Non_Residential	Preservation										
1024_12_45	1024	LARUSSO, SUZANNE G	27 PHILHOWER RD,TEWKSBURY TWP	12	45	186133	4.273025	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_45.01	1024	BOGAN, JAMES D & JUDITH L	29 PHILHOWER RD,TEWKSBURY TWP	12	45.01	145440.4	3.338852	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_46	1024	HOFFMAN, KEVIN K	25 PHILHOWER RD,TEWKSBURY TWP	12	46	161286.4	3.702626	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_49	1024	MORTON, GLENN H & ROBIN S	17 SUTTON RD,TEWKSBURY TWP	12	49	91155.84	2.09265	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	12/12/2016	STEPHEN PARKER							
1024_12_5.01	1024	NEUWEILER, DANIEL J & ANN C	7 WINTERWOOD RD,TEWKSBURY TWP	12	5.01	152874.5	3.509516	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_5.02	1024	PICKETT, WAYNE A & JEAN M	5 WINTERWOOD RD,TEWKSBURY TWP	12	5.02	136960.5	3.144181	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_5.03	1024	ANTONACCI, RICHARD A / DEBRA R	3 WINTERWOOD RD,TEWKSBURY TWP	12	5.03	163809.2	3.760543	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_5.04	1024	AMOS, JOHN C/O RICHARD COOK CPA	1 WINTERWOOD RD,TEWKSBURY TWP	12	5.04	179871.9	4.12929	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_50	1024	MEISSNER, FRANK & VIRGINIA	19 SUTTON RD,TEWKSBURY TWP	12	50	78367.4	1.799068	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_52	1024	SARUBBI, CHRISTOPHER & JENNY	49 PHILHOWER RD,TEWKSBURY TWP	12	52	202829	4.656313	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_53	1024	RUFFINE, ANTHONY & MARY	5 STRAWBERRY LN,TEWKSBURY TWP	12	53	135056.6	3.100473	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_54	1024	STILLSON, VIRGINIA	7 STRAWBERRY LN,TEWKSBURY TWP	12	54	143478	3.293802	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	12/21/2017	D & V							
1024_12_55	1024	SOLINA, ALANN & TRACY	9 STRAWBERRY LN,TEWKSBURY TWP	12	55	156979.3	3.603748	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_56	1024	LATORRA, PATRICK A	11 STRAWBERRY LN,TEWKSBURY TWP	12	56	189027.7	4.339478	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_12_57	1024	JARDINELLA, JAMES & SUSANNE	13 STRAWBERRY LN,TEWKSBURY TWP	12	57	216589.5	4.972211	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_58	1024	HACHIL, WALLY & MASSOUDA	14 STRAWBERRY LN,TEWKSBURY TWP	12	58	153556.4	3.525169	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_59	1024	DAMIANO, BENJAMIN J & ELIZABETH	8 STRAWBERRY LN,TEWKSBURY TWP	12	59	150734.2	3.460382	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_6.02	1024	CURCIO, DAVID W & LINDA A	2 WINTERWOOD RD,TEWKSBURY TWP	12	6.02	291744.2	6.697525	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_60	1024	TABEEK, SHAFIK	6 STRAWBERRY LN,TEWKSBURY TWP	12	60	146097.9	3.353946	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_61	1024	SHEA, JOSEPH & PATRICIA PATTERSON	4 STRAWBERRY LN,TEWKSBURY TWP	12	61	141452.9	3.247312	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_62	1024	CRANE, PETER C & CECELIA O'MALLEY	2 STRAWBERRY LN,TEWKSBURY TWP	12	62	135026.3	3.099778	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_12_63	1024	MEDWAY, EVAN D & CELICA R	26 GUINEA HOLLOW RD,TEWKSBURY TWP	12	63	180023.5	4.13277	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_13_12	1024	YOUNG, DENNIS C & MARIAN	47 GUINEA HOLLOW RD,TEWKSBURY TWP	13	12	97216.5	2.231784	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_13_18	1024	CESTONE, ELIZABETH	21 BOULDER HILL RD,TEWKSBURY TWP	13	18	287644.5	6.603409	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_13_2	1024	BLAINE, WILLIAM D & DEBORAH	9 GUINEA HOLLOW RD,TEWKSBURY TWP	13	2	204353.9	4.691319	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_13_2.01	1024	MANCILLA, DAVID H & LYNDSAY N	11 GUINEA HOLLOW RD,TEWKSBURY TWP	13	2.01	274351.6	6.298246	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_13_21.01	1024	VENT, BRIAN C & JOYCE DOWDALL	61 SUTTON RD,TEWKSBURY TWP	13	21.01	163951.3	3.763805	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	DOUGLAS I	8/6/2012	ALTERATION							
1024_13_23	1024	SEPEDE, JOHN / AMY GIMBEL	45 SUTTON RD,TEWKSBURY TWP	13	23	144277.1	3.312147	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_13_3	1024	ROSENDAHL JR, JOHN H	15 GUINEA HOLLOW RD,TEWKSBURY TWP	13	3	500127	11.48134	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	NEW	4/17/2014	YANNACCONE, VILLA & ALDRICH							
1024_13_4	1024	CANTINE, CHARLES E & SHELLI A OIEN-	17 GUINEA HOLLOW RD,TEWKSBURY TWP	13	4	368720.9	8.464668	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	12/7/2012	D GULICK CONSTRUCTION							
1024_13_4.01	1024	DUANE, PATRICIA A	19 GUINEA HOLLOW RD,TEWKSBURY TWP	13	4.01	130533.9	2.996646	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_13_5	1024	MORAN, MICHAEL & JACQUELINE	23 GUINEA HOLLOW RD,TEWKSBURY TWP	13	5	101206.3	2.323376	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	11/16/2015	BIGGS ENGINEERING							
1024_13_6	1024	VENT, BRIAN	27 GUINEA HOLLOW RD,TEWKSBURY TWP	13	6	526687.9	12.09109	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_13_7	1024	ERB, HILTRUD & LIVIO POMASAN	35 GUINEA HOLLOW RD,TEWKSBURY TWP	13	7	163842.5	3.761307	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_13_7.01	1024	PIEGER, ANNA	37 GUINEA HOLLOW RD,TEWKSBURY TWP	13	7.01	164910.2	3.785818	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_13_9	1024	HERNICK, STEPHEN P & GLORIA N	39 GUINEA HOLLOW RD,TEWKSBURY TWP	13	9	60091.91	1.37952	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_1.01	1024	COZZOLINO, STEPHEN M & DAWN MARIE	42 FAIRMOUNT RD WEST,TEWKSBURY TWP	14	1.01	304417.2	6.988457	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_1.02	1024	RUDGEAR, ROBIN BASKIN	52 FAIRMOUNT RD WEST,TEWKSBURY TWP	14	1.02	84741.24	1.945391	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ERICA L BU	8/24/2015	ALTERATION							
1024_14_1.03	1024	OLESIAK, JAREK & VIOLETTA	46 FAIRMOUNT RD WEST,TEWKSBURY TWP	14	1.03	207815.1	4.770779	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_10	1024	LAMBERT, ELIZABETH KEVILLE	56 FARMERSVILLE RD,TEWKSBURY TWP	14	10	145164.8	3.332526	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_10.01	1024	KEANE, CHRISTOPHER J	54 FARMERSVILLE RD,TEWKSBURY TWP	14	10.01	183851.5	4.22065	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	8/28/2017	J.K. HOFFMAN							
1024_14_11	1024	PATCH, DENNIS A	52 FARMERSVILLE RD,TEWKSBURY TWP	14	11	47981.95	1.101514	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_12.01	1024	DILLARD, HENRY H & YVONNE C STECHER	74 FARMERSVILLE RD,TEWKSBURY TWP	14	12.01	141693.6	3.252838	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_12.02	1024	BLACK, CAROLYN B	78 FARMERSVILLE RD,TEWKSBURY TWP	14	12.02	130948.3	3.00616	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_13	1024	THOMPSON, DOUGLAS E	76 FARMERSVILLE RD,TEWKSBURY TWP	14	13	128387.5	2.947371	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_15	1024	CLUCAS, SCOTT D & PATRICIA A	100 FARMERSVILLE RD, TEWKSBURY TWP	14	15	3328420	76.41	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	9/5/2012; 8/9/2016	GERALD G. GARDNER/HOUSER ENG.; JK HOFFMAN							
1024_14_16	1024	CLUCAS, SCOTT & PATRICIA	102 FARMERSVILLE RD, TEWKSBURY TWP	14	16	157687.2	3.62	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	3/9/2016	GLEN LIKUS							
1024_14_17.02	1024	SCOTT, DAVID J & LELIA O	193 OLD TURNPIKE RD,TEWKSBURY TWP	14	17.02	179794.1	4.127506	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_17.03	1024	MADDEN, THOMAS D & CHRISTINE A	195 OLD TURNPIKE RD,TEWKSBURY TWP	14	17.03	218366.1	5.012995	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_17.04	1024	MADDALONI, FRANK J & TERRIANNE	197 OLD TURNPIKE RD,TEWKSBURY TWP	14	17.04	224139.4	5.145532	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_17.05	1024	MCINTYRE, JAMES J & MARIE M	199 OLD TURNPIKE RD,TEWKSBURY TWP	14	17.05	213889.2	4.910221	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_17.06	1024	LANGE, CRAIG A & CYNTHIA B	201 OLD TURNPIKE RD,TEWKSBURY TWP	14	17.06	231361.1	5.31132	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_17.07	1024	DIFRANCESCO, ROCCO & DEBRA	6 WHITENACK RD,TEWKSBURY TWP	14	17.07	352759.8	8.098251	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_17.08	1024	SOLIMO, NICHOLAS M & ERIN ANNE	2 WHITENACK RD,TEWKSBURY TWP	14	17.08	171269.1	3.931798	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_17.09	1024	ZACK, CHRISTOPHER J & ANNA L	4 WHITENACK RD,TEWKSBURY TWP	14	17.09	132191.6	3.034701	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_17.10	1024	DELGRANDE, GARETT & PATRICE	8 WHITENACK RD,TEWKSBURY TWP	14	17.1	195569.6	4.489659	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_17.11	1024	ZAMARRA, JOHN & GANEK, ELLEN B	1 WHITENACK RD,TEWKSBURY TWP	14	17.11	215247.9	4.941411	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_17.12	1024	MILLETT, ANDREW F JR & MARY WARNER	10 WHITENACK RD,TEWKSBURY TWP	14	17.12	166255.9	3.816711	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_17.13	1024	LICATA, CHRISTOPHER D & KRISTIN	3 WHITENACK RD,TEWKSBURY TWP	14	17.13	143610.1	3.296835	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_17.14	1024	GILBERT, JOHN P & CLAUDIA H	12 WHITENACK RD,TEWKSBURY TWP	14	17.14	131658.6	3.022465	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	7/17/2018	TRI COUNTY SEPTIC							
1024_14_17.15	1024	JINDIA, ARVIND & LEENA	5 WHITENACK RD,TEWKSBURY TWP	14	17.15	145001.8	3.328783	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_17.16	1024	DEENEY, DANIEL J & ANGELA	14 WHITENACK RD,TEWKSBURY TWP	14	17.16	148857.4	3.417296	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_18	1024	HAHN, KENNETH L / MILDRED A TRUSTEE	203 OLD TURNPIKE RD,TEWKSBURY TWP	14	18	132275.9	3.036636	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_18.01	1024	FROST, RICKY A & STACIE L	2 ELLIOT FARM LN,TEWKSBURY TWP	14	18.01	257720.6	5.916451	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_18.02	1024	KNUTSEN, DAVID	205 OLD TURNPIKE RD,TEWKSBURY TWP	14	18.02	146461	3.362282	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_18.03	1024	SASSO, MICHAEL A & DENICE K	1 ELLIOT FARM LN,TEWKSBURY TWP	14	18.03	365362.1	8.38756	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_18.04	1024	DYE, LOREN B & SHEREE L	5 ELLIOT FARM LN,TEWKSBURY TWP	14	18.04	122330.7	2.808327	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_18.05	1024	SALGADO, MIRAN & YASMIN	4 ELLIOT FARM LN,TEWKSBURY TWP	14	18.05	310208.2	7.121401	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_18.06	1024	MARCHETTA, ANTHONY J & CAROLE E	3 ELLIOT FARM LN,TEWKSBURY TWP	14	18.06	401301.4	9.212612	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_19	1024	MORALE, DIANE	209 OLD TURNPIKE RD,TEWKSBURY TWP	14	19	129314.2	2.968645	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_2	1024	MALONE, DALE MICHAEL / MARSHA	4 FARMERSVILLE RD,TEWKSBURY TWP	14	2	14811.72	0.34003	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_20.01	1024	CARBERRY, GRETCHEN & HANSEL ATKINS	219 OLD TURNPIKE RD,TEWKSBURY TWP	14	20.01	115159.8	2.643706	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_20.02	1024	CANNON, LINDA A	217 OLD TURNPIKE RD,TEWKSBURY TWP	14	20.02	122518.6	2.812641	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	10/18/2016	KURT HOFFMAN							
1024_14_20.03	1024	GREENBERG, DAVID & J C SHENLOOGIAN	215 OLD TURNPIKE RD,TEWKSBURY TWP	14	20.03	127055.4	2.916791	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_20.04	1024	STALLER, GREGORY S	118 FAIRMOUNT RD WEST,TEWKSBURY TWP	14	20.04	355923.9	8.170888	TEWKSBURY TWP	HUNTERDON	Non_Residential	Preservation										
1024_14_20.06	1024	GURIN, SHIRLEY C TRUSTEE	116 FAIRMOUNT RD WEST,TEWKSBURY TWP	14	20.06	317324.9	7.284777	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_24	1024	HOFFMAN, ROBERT M JR & FRANCES	78 FAIRMOUNT WEST,TEWKSBURY TWP	14	24	42502.98	0.975734	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_26	1024	MASSEY, SCOTT & KAREN	56 FAIRMOUNT RD WEST,TEWKSBURY TWP	14	26	153629.1	3.526839	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_26.01	1024	SPENCE, JOHN / MARY	58 FAIRMOUNT RD,TEWKSBURY TWP	14	26.01	164459.3	3.775466	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_27	1024	HORNICK, LISA A & SCOTT	54 FAIRMOUNT RD WEST,TEWKSBURY TWP	14	27	59873.77	1.374513	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_28	1024	MOWBRAY, ROBERT B	40 FAIRMOUNT RD WEST,TEWKSBURY TWP	14	28	30348.22	0.696699	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_29.01	1024	RESNICK, MARIN / BARRETT, JOHN	211 OLD TURNPIKE RD,TEWKSBURY TWP	14	29.01	168157.7	3.86037	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_3	1024	CARMAN DEBORAH D	6 FARMERSVILLE RD,TEWKSBURY TWP	14	3	18366.21	0.42163	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_30.01	1024	HECKSTEDEN WILLIAM G & DEBORAH A	3 MARIGOLD LN,TEWKSBURY TWP	14	30.01	141652.4	3.251892	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_30.02	1024	NACAMULI, RICHARD & MAURICIA	5 MARIGOLD LN,TEWKSBURY TWP	14	30.02	134885.6	3.096548	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_30.03	1024	TALKO, TARAS	7 MARIGOLD LN,TEWKSBURY TWP	14	30.03	134293.2	3.082947	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_30.04	1024	KNABE, HENRY JR & ROSARIA	9 MARIGOLD LN,TEWKSBURY TWP	14	30.04	143526.3	3.294912	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_14_30.06	1024	DEC, WALTER T & ELLEN T	8 MARIGOLD LN,TEWKSBURY TWP	14	30.06	127668.8	2.930873	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_30.07	1024	DIAZ, AGUSTIN & CYNTHIA LEE	6 MARIGOLD LN,TEWKSBURY TWP	14	30.07	264281.1	6.067058	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_30.08	1024	MASTERTON, JANET M	4 MARIGOLD LN,TEWKSBURY TWP	14	30.08	127191.7	2.91992	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_31	1024	TUFARO, JAMES A & KATHYANN	1 FOX RUN RD,TEWKSBURY TWP	14	31	140751.6	3.231213	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_32	1024	BOEHM JR, EDWARD W & KIM M	3 FOX RUN RD,TEWKSBURY TWP	14	32	239211.7	5.491546	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	8/21/2018	DYKSTRA WALKER							
1024_14_33	1024	EDMUND, ROBERT / LISA	5 FOX RUN RD,TEWKSBURY TWP	14	33	151992.9	3.489276	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_34	1024	WORT, JONATHAN P & SUSAN P	7 FOX RUN RD,TEWKSBURY TWP	14	34	136274.8	3.128438	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_35	1024	GRUTTA, WILLIAM T & SUZANNE M	11 FOX RUN RD,TEWKSBURY TWP	14	35	127993.8	2.938333	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_36	1024	MARIANINO, DANIEL	13 FOX RUN RD,TEWKSBURY TWP	14	36	327611.1	7.520917	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_37	1024	SAMUELSON STUART & ELIZABETH	12 FOX RUN RD,TEWKSBURY TWP	14	37	472615.8	10.84977	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_38	1024	KENNY, BRIAN J & KELLIE R	8 FOX RUN RD,TEWKSBURY TWP	14	38	149156.9	3.424172	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_39	1024	STECK, JILL	6 FOX RUN RD,TEWKSBURY TWP	14	39	215611.4	4.949757	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	1/8/2018	BEDMINSTER EXCAVATION							
1024_14_4	1024	BURD, ROBERT D JR & VALERIE ANN	8 FARMERSVILLE RD,TEWKSBURY TWP	14	4	15392.27	0.353358	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_40	1024	RUPP, RONALD L & JOANNE G	4 FOX RUN RD,TEWKSBURY TWP	14	40	224489.8	5.153578	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_41	1024	GIELLO, ANTHONY S & RENEE R	2 FOX RUN RD,TEWKSBURY TWP	14	41	169315.5	3.88695	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_5.02	1024	BURNS, SCOTT D / PAULETTE FRANK	26 FARMERSVILLE RD,TEWKSBURY TWP	14	5.02	116271.8	2.669232	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_5.03	1024	FANIA FREDERICK C & DONNA H	28 FARMERSVILLE RD,TEWKSBURY TWP	14	5.03	129482.8	2.972516	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_5.08	1024	BEIGHLEY, NEIL / BERNADETTE	22 FARMERSVILLE RD,TEWKSBURY TWP	14	5.08	124110.6	2.849186	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_6	1024	GOLDSTAR BUYERS LLC	16 FARMERSVILLE RD,TEWKSBURY TWP	14	6	67913.06	1.559069	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	NEW	12/6/2012	CIVIL ENGINEERING							
1024_14_7	1024	VANDERHOOF, ROBERT F JR & DENISE E	32 FARMERSVILLE RD,TEWKSBURY TWP	14	7	15544.77	0.356859	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	9/6/2018	PARKER ENGINEERING							
1024_14_8	1024	SHORT, KENNETH R	34 FARMERSVILLE RD,TEWKSBURY TWP	14	8	111668.3	2.563551	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_14_9	1024	HOLTZMAN, JONATHAN B & CHERYL KING	44 FARMERSVILLE RD,TEWKSBURY TWP	14	9	382155.8	8.773089	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15.01_1	1024	IERVOLINO, RONALD / PATRICIA K	26 TIGER DR,TEWKSBURY TWP	15.01	1	78619.03	1.804844	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15.01_2	1024	VENERUS, ROBERT & JEANETTE	28 TIGER DR,TEWKSBURY TWP	15.01	2	96357.28	2.212059	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_1.01	1024	CAFFREY, ROBERT D	28 BOULDER HILL RD,TEWKSBURY TWP	15	1.01	131985.5	3.02997	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_1.02	1024	PATERNO, FRANK S & CAROL A	75 SUTTON RD,TEWKSBURY TWP	15	1.02	398592.3	9.15042	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_1.03	1024	GANDOLFINI/LIN C/O ARTISTS FINANCIA	75A SUTTON RD,TEWKSBURY TWP	15	1.03	375520.1	8.620755	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_10.01	1024	GROBERT, MATTHEW & KAREN E	51 BURRELL ROAD,TEWKSBURY TWP	15	10.01	151361	3.47477	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_11	1024	FEDEROWICZ, RICHARD S	55 BURRELL RD,TEWKSBURY TWP	15	11	135552.5	3.111857	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_11.01	1024	SJOGREN, CURT R & ANNEMARIE G	42 SAW MILL RD,TEWKSBURY TWP	15	11.01	108840.8	2.49864	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_12	1024	YARUSINSKY, JEFFREY / SHARON	44 SAW MILL RD,TEWKSBURY TWP	15	12	120638.2	2.769472	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_14	1024	SWINGLE III, FREDERICK A & DEIRDRE	60 SAW MILL RD,TEWKSBURY TWP	15	14	131182.5	3.011536	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_14.01	1024	MACMANIS,KENNETH & BARBARA	56 SAWMILL RD,TEWKSBURY TWP	15	14.01	290178.4	6.661579	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_15	1024	ZIMMERMAN V, SYLVANUS A V.	177 OLD TURNPIKE RD,TEWKSBURY TWP	15	15	42288.06	0.9708	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_16	1024	TURKUS, STEVEN J & MARY	179 OLD TURNPIKE RD,TEWKSBURY TWP	15	16	62668.84	1.438679	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_17.01	1024	OLSEN, MICHAEL O & SUSAN	183 OLD TURNPIKE RD,TEWKSBURY TWP	15	17.01	305886.2	7.022181	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_21.01	1024	LLOYD, RICHARD A & DEBORAH L	79 FARMERSVILLE RD, TEWKSBURY TWP	15	21.01	437778	10.05	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	4/20/2016	TOBY BARKMAN EXCAVATING							
1024_15_22	1024	WOLKWITZ, GARY W	71 FARMERSVILLE RD,TEWKSBURY TWP	15	22	133967.3	3.075467	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_22.01	1024	KIPE, H SPENCER JR & JOAN C	69 FARMERSVILLE RD,TEWKSBURY TWP	15	22.01	447050.1	10.26286	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	10/31/2016	PEACH BROTHERS							
1024_15_23	1024	YANNELL MICHAEL P & LILLIAN L	61 FARMERSVILLE RD,TEWKSBURY TWP	15	23	2033962	46.69335	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_24	1024	JUNTILLA LLC	41 FARMERSVILLE RD,TEWKSBURY TWP	15	24	174777.5	4.012339	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_24.01	1024	RODEMER, STEPHEN & JANE TARALLO	45 FARMERSVILLE RD, TEWKSBURY TWP	15	24.01	372438	8.55	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	6/10/2015	BEACHSTONE SEPTIC							
1024_15_24.02	1024	VON CULIN, PETER R & MARTA	51 FARMERSVILLE RD,TEWKSBURY TWP	15	24.02	127120.6	2.918288	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_24.03	1024	SAKSA, CHRISTIAN PETER / TARA A	47 FARMERSVILLE RD,TEWKSBURY TWP	15	24.03	128606.5	2.952399	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_24.04	1024	GODLESKI, VINCENT A / BARBARA V	49 FARMERSVILLE RD,TEWKSBURY TWP	15	24.04	144085.3	3.307742	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_27	1024	WITTPENN, ROBERT K & SUSAN R	33 FARMERSVILLE RD,TEWKSBURY TWP	15	27	251673.8	5.777635	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_28	1024	PETTEGROVE, GARRY G/LOIS M	81 SUTTON RD,TEWKSBURY TWP	15	28	134703.3	3.092362	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_28.01	1024	RODENHI, THOMAS M & ELAINE A	83 SUTTON RD,TEWKSBURY TWP	15	28.01	101077	2.32041	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	3/14/2016	STATEWIDE ENVIRONMENTAL							
1024_15_29	1024	WEISZ, ALIX L	79 SUTTON RD,TEWKSBURY TWP	15	29	333506.4	7.656252	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_30	1024	ELBERTY, THOMAS A & DOROTHY J	77 SUTTON RD,TEWKSBURY TWP	15	30	339030	7.783057	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_32	1024	NACCHIO, RICHARD & JEAN FLORA	13 BURRELL RD,TEWKSBURY TWP	15	32	137957.9	3.167078	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_33	1024	SHANLEY, STEPHEN T & SUSAN J	1 BURRELL RD,TEWKSBURY TWP	15	33	285905.1	6.563479	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_34	1024	LECHNER, THOMAS/MERCURI, FIORELLA	38 BOULDER HILL RD,TEWKSBURY TWP	15	34	134963.6	3.098337	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	7/29/2013	GARDEN STATE SEPTIC SERVICE							
1024_15_35	1024	FEINSOD MARCIA N	36 BOULDER HILL RD,TEWKSBURY TWP	15	35	131728.7	3.024074	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_36	1024	DACANTO ROBERT & GEORGIA	34 BOULDER HILL RD,TEWKSBURY TWP	15	36	130446.2	2.994632	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	9/1/2016	AJH CONSTRUCTION							
1024_15_37	1024	TREMARCO, ANTHONY C & CYNTHIA	69 SUTTON RD,TEWKSBURY TWP	15	37	131804.6	3.025818	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	4/2/2013; 6/26/2013	YANNACCONE; STATEWIDE ENVIRONMENTAL							
1024_15_38	1024	SAKZIY, MUHAMMAD HASSAN & ZARREN	71 SUTTON RD,TEWKSBURY TWP	15	38	130155.1	2.987949	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_39	1024	VARCADIPANE, JOSEPH L & JANE A	73 SUTTON RD,TEWKSBURY TWP	15	39	132862	3.050092	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	11/26/2012	JESS SYMONDS							
1024_15_4.01	1024	HANAK, EDWARD	22 BOULDER HILL RD,TEWKSBURY TWP	15	4.01	139112.4	3.193582	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_4.02	1024	SANSEVERINO, THEODORE M	11 BURRELL RD,TEWKSBURY TWP	15	4.02	135386.6	3.108049	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_5	1024	OBSZANSKI, DAVID & CAROL POVALSKI	15 BURRELL RD,TEWKSBURY TWP	15	5	128434.6	2.948454	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_6	1024	WOLFE, JOHN & ELLEN OSBORNE	19 BURRELL RD,TEWKSBURY TWP	15	6	199992.9	4.591206	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	9/7/2017	TRI-COUNTY							
1024_15_6.01	1024	SMITH, DAVID M & PAMELA K	17 BURRELL RD,TEWKSBURY TWP	15	6.01	213523.8	4.901833	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9	1024	BUSSEL, STEVEN / ANDREA MALETTO	3 TIGER DR,TEWKSBURY TWP	15	9	275193.6	6.317576	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9.01	1024	FODOR IV, JOHN W & LISA C	9 TIGER DR,TEWKSBURY TWP	15	9.01	90257.1	2.072018	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9.02	1024	CALLAHAN, TIMOTHY S	7 TIGER DR,TEWKSBURY TWP	15	9.02	93221.81	2.140078	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9.03	1024	SMITH, DENISE D & JOSEPH S	5 TIGER DR,TEWKSBURY TWP	15	9.03	91467.75	2.099811	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9.04	1024	GIAMMARCO, ROBERT/JACQUELINE	1 TIGER DR,TEWKSBURY TWP	15	9.04	258732.6	5.939683	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9.06	1024	LYTLE, MORGAN & PATTI	2 TIGER DR,TEWKSBURY TWP	15	9.06	109561.1	2.515176	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9.07	1024	HASSOLD, ROBERT & JANET	4 TIGER DR,TEWKSBURY TWP	15	9.07	89352.7	2.051256	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9.08	1024	RYGH, GARY & CHERIE	6 TIGER DR,TEWKSBURY TWP	15	9.08	90255.88	2.07199	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9.09	1024	SHARKEY, PHILIP H & KAREN REYNOLDS-	8 TIGER DR,TEWKSBURY TWP	15	9.09	132982.7	3.052862	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9.11	1024	KOCH, THOMAS J / TRAN H	31 TIGER DR,TEWKSBURY TWP	15	9.11	86035.13	1.975095	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_15_9.12	1024	SCHLAUCH, ERIC R & MARIAN	29 TIGER DR,TEWKSBURY TWP	15	9.12	96518.13	2.215751	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9.13	1024	FURINO, JOHN J III / LISA A ORR	27 TIGER DR,TEWKSBURY TWP	15	9.13	111770.6	2.565901	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9.14	1024	MILLET, RICHARD D / CYNTHIA M	25 TIGER DR,TEWKSBURY TWP	15	9.14	113624.8	2.608467	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9.16	1024	MORASH, TIMOTHY J & MARIA L	23 TIGER DR,TEWKSBURY TWP	15	9.16	92051.26	2.113206	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9.17	1024	RUTMAN, BABETTE	21 TIGER DR,TEWKSBURY TWP	15	9.17	81660.55	1.874668	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9.18	1024	MILLER, TODD & MILENE	19 TIGER DR,TEWKSBURY TWP	15	9.18	88463.83	2.03085	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9.19	1024	RADLMANN, FREDERICK / GLORIA	17 TIGER DR,TEWKSBURY TWP	15	9.19	87470.77	2.008053	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9.20	1024	SHAW, CRAIG J & ANA M FLORIM	15 TIGER DR,TEWKSBURY TWP	15	9.2	87782.66	2.015212	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_15_9.21	1024	CAVANAUGH, THOMAS & HEIDI	11 TIGER DR,TEWKSBURY TWP	15	9.21	275649.8	6.328049	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	5/3/2013	D GULICK CONSTRUCTION							
1024_16_11.01	1024	STORMS, DONALD R & MADELYN J	31 HOLLOW BROOK RD,TEWKSBURY TWP	16	11.01	137974.7	3.167464	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_12	1024	STEPHENSON, ANN / SOMER L	37 HOLLOW BROOK RD,TEWKSBURY TWP	16	12	125004.9	2.869718	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_12.01	1024	PELTZ, STUART W & ELLEN WELCH	33 HOLLOW BROOK RD,TEWKSBURY TWP	16	12.01	279638.6	6.419619	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_12.02	1024	BRESCHER, JOHN B & ANTOINETTE	35 HOLLOW BROOK RD,TEWKSBURY TWP	16	12.02	267178.9	6.133584	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_18	1024	JONES II, JAMES D & LAUREN A	61 HOLLOW BROOK RD,TEWKSBURY TWP	16	18	200626.9	4.605761	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	10/26/2015	RICK BEAVERS							
1024_16_19	1024	DIMARTINO, JOSEPH J	63 HOLLOW BROOK RD,TEWKSBURY TWP	16	19	219858.7	5.047262	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	12/11/2017	BEDMINSTER EXCAVATING							
1024_16_2	1024	HUNTERDON CO PROP DEVELOPMENT LLC	224 OLD TURNPIKE RD,TEWKSBURY TWP	16	2	128994.4	2.961303	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	7/6/2018	HERCULES SEPTIC							
1024_16_2.01	1024	ROSINSKI, JANUSZ / MALGORZATA	133 FAIRMOUNT ROAD EAST,TEWKSBURY TWP	16	2.01	134628.8	3.090652	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_2.03	1024	FINKEL, GERARD A & ARACELIS Q	226 OLD TURNPIKE RD,TEWKSBURY TWP	16	2.03	137257.1	3.15099	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_2.04	1024	SUDYLO, ANDREW & JULIA	212 OLD TURNPIKE RD,TEWKSBURY TWP	16	2.04	278994.1	6.404824	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	12/2/2016	TRI COUNTY SEPTIC							
1024_16_2.05	1024	D'AGOSTINO, MARY JANE	218 OLD TURNPIKE RD,TEWKSBURY TWP	16	2.05	131038.5	3.008231	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_2.06	1024	JONES, GORDON & JEAN MILLER	222 OLD TURNPIKE RD,TEWKSBURY TWP	16	2.06	131453.5	3.017756	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_2.07	1024	KOSTER, EDWARD	214 OLD TURNPIKE RD,TEWKSBURY TWP	16	2.07	260220.4	5.973838	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_2.08	1024	PINEIRO, FERNANDO / MARIA	220 OLD TURNPIKE RD,TEWKSBURY TWP	16	2.08	284234.6	6.525128	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	8/7/2018	PEACH BROTHERS							
1024_16_21	1024	HANCE, CHARLES E & NANCY R M	73 HOLLOW BROOK RD,TEWKSBURY TWP	16	21	72493.18	1.664214	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_25.01	1024	MIELACH, JOHN T & GERALDINE	83 FAIRMOUNT RD EAST,TEWKSBURY TWP	16	25.01	242793.7	5.573776	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_25.02	1024	JOHNSON, CHRISTINA	85 FAIRMOUNT RD EAST,TEWKSBURY TWP	16	25.02	219094	5.029707	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_25.03	1024	MCCARTHAN, ELIZABETH VINHAS/RODNEY	87 FAIRMOUNT RD EAST,TEWKSBURY TWP	16	25.03	226565.9	5.201238	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_26.01	1024	BACHERT, ELIZABETH	97 FAIRMOUNT RD EAST,TEWKSBURY TWP	16	26.01	220405.1	5.059805	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_26.02	1024	WOODARD, WILLIAM ROBERT & CRISTIE A	95 FAIRMOUNT RD EAST,TEWKSBURY TWP	16	26.02	221654.2	5.088481	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR; RE	1/11/2012; 7/16/2012	THE PUMPER, LLC; DIRT EXCAVATING, LLC; PEACH BROTHERS							
1024_16_26.03	1024	MAZZATTA, MARK & MICHELE MCHUGH-	91 FAIRMOUNT RD EAST,TEWKSBURY TWP	16	26.03	622365.2	14.28754	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	8/7/2014	FRANK APGAR & SONS							
1024_16_28	1024	WOODNORTH, SHIRLEY	119 FAIRMOUNT RD EAST,TEWKSBURY TWP	16	28	211905.8	4.864688	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_29	1024	GUEDEZ, CAROL A	121 FAIRMOUNT RD EAST,TEWKSBURY TWP	16	29	128606.1	2.952391	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_3	1024	KUNG, BRIAN & SOYOUNG	204 OLD TURNPIKE RD,TEWKSBURY TWP	16	3	135444.3	3.109374	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	9/23/2013	BOB RUTAN							
1024_16_3.01	1024	SHOYKHET, YEFIM & LUDMILA VLASOVA	210 OLD TURNPIKE RD,TEWKSBURY TWP	16	3.01	131391.2	3.016328	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_3.02	1024	SHALHOUB, ANDREW N & JESSICA DARRAH	208 OLD TURNPIKE RD,TEWKSBURY TWP	16	3.02	130583.5	2.997785	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_3.03	1024	PATYKULA, ANDREW / JENNIFER QUANDT	206 OLD TURNPIKE RD,TEWKSBURY TWP	16	3.03	130563.4	2.997322	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_31	1024	SALIMBENE, THOMAS J & PAMELA A	127 FAIRMOUNT RD EAST,TEWKSBURY TWP	16	31	19333.48	0.443836	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_33	1024	RONGEN, ROELOF M L & LIZA RUBIO	131 FAIRMOUNT RD EAST,TEWKSBURY TWP	16	33	133800.7	3.071642	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_33.01	1024	HOFFMAN, ROBERT M & DOROTHY M	129 FAIRMOUNT RD EAST,TEWKSBURY TWP	16	33.01	145577.6	3.342001	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_36	1024	SHECHTMAN, GEORGE & NANCY HICKS	55 HOLLOW BROOK RD,TEWKSBURY TWP	16	36	287649.9	6.603533	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_4	1024	VON HOLLEN, DOROTHY C A FREIRAU	2 APPLE LANE,TEWKSBURY TWP	16	4	130728.5	3.001114	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_4.01	1024	PARRY, JOHN C & VICKI K	4 APPLE LANE,TEWKSBURY TWP	16	4.01	134215	3.081152	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_4.02	1024	BARNES, FRANKLIN & TRACY ELIZABETH	6 APPLE LANE,TEWKSBURY TWP	16	4.02	144036.7	3.306627	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_4.03	1024	JAFFRAY, ANDREW & ALEXIS	8 APPLE LANE,TEWKSBURY TWP	16	4.03	154589	3.548874	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_4.04	1024	SHERMAN, MARIA	10 APPLE LANE,TEWKSBURY TWP	16	4.04	174138.9	3.997679	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_4.05	1024	SCHROEDER, RICHARD E / LYNNE R	12 APPLE LANE,TEWKSBURY TWP	16	4.05	136906.9	3.142951	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_4.06	1024	REGENYE, GLENN / DEBORAH	14 APPLE LANE,TEWKSBURY TWP	16	4.06	131369.2	3.015822	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_4.07	1024	JACQUES, ALLEN R / JOAN PINEDA	16 APPLE LANE,TEWKSBURY TWP	16	4.07	443090.9	10.17197	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_4.08	1024	SENGUPTA, ASHIM & SVETLANA	18 APPLE LANE,TEWKSBURY TWP	16	4.08	353398	8.112902	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_4.09	1024	RUSINKIEWICZ, JADWIGA & MAREK	17 APPLE LANE,TEWKSBURY TWP	16	4.09	232966	5.348164	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_4.10	1024	DAMICO, CHRISTINE & JOHN MAZZA	15 APPLE LANE,TEWKSBURY TWP	16	4.1	144245.4	3.311418	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	12/16/2015	RUSSELL REID							
1024_16_4.11	1024	RIEDEL, STEVEN J & KATHLEEN DISTASI	11 APPLE LANE,TEWKSBURY TWP	16	4.11	134979.8	3.098711	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_4.12	1024	PORTO, GARY & KARIN CARNRIKE	9 APPLE LANE,TEWKSBURY TWP	16	4.12	132771.2	3.048008	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_4.13	1024	BARRY, JOHN & WENDELYN	7 APPLE LANE,TEWKSBURY TWP	16	4.13	152203.1	3.494103	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_4.14	1024	LIEBLER, RICHARD / ANNA	5 APPLE LANE,TEWKSBURY TWP	16	4.14	146267.7	3.357845	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_4.15	1024	GUARDA, HELDER & THUY NGUYEN	3 APPLE LANE,TEWKSBURY TWP	16	4.15	144542.9	3.318248	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_4.16	1024	ROSA, DONATO / LINDA	1 APPLE LANE,TEWKSBURY TWP	16	4.16	310602.7	7.130458	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_5	1024	LOWE, JONATHAN J	3 FOX HILL RD,TEWKSBURY TWP	16	5	179497.3	4.12069	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_6.02	1024	PASCALE JR, JOHN J & FRANCES SUSAN	9 FOX HILL RD,TEWKSBURY TWP	16	6.02	133303.2	3.060221	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_8	1024	GOLDBERG, TED	19 HOLLOW BROOK RD,TEWKSBURY TWP	16	8	72474.94	1.663796	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_16_9	1024	UHLER, K ROBERT & KAREN H	21 HOLLOW BROOK RD,TEWKSBURY TWP	16	9	50244.85	1.153463	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	7/18/2013	DOUG FINE							
1024_17_1	1024	HOLT, JONATHAN T & ANGELA C	2 FOX HILL RD,TEWKSBURY TWP	17	1	207005.8	4.7522	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR; AL	11/8/2013; 6/10/2014	ROBERT K. RUTAN; ERICA BUSCH; CAREAGA ENGINEERING							
1024_17_2	1024	JERSEY CENTRAL POWER & LIGHT CO	8 FOX HILL RD,TEWKSBURY TWP	17	2	328949.8	7.551647	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_17_2.01	1024	KALB, GERALD & MARY SAYLER	194 OLD TURNPIKE RD,TEWKSBURY TWP	17	2.01	138254	3.173875	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_17_2.02	1024	HERNICK, STEPHEN & GLORIA MARTINEZ	196 OLD TURNPIKE RD,TEWKSBURY TWP	17	2.02	216936	4.980165	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_17_3	1024	TARTANIAN, RANDAL B & MERCEDES	1 HOLLOW BROOK RD,TEWKSBURY TWP	17	3	44590.23	1.023651	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	1/6/2017	BAYER-RISSE ENGINEERING							
1024_17_4	1024	ESKIND, MARC / ROBIN E	3 HOLLOW BROOK RD,TEWKSBURY TWP	17	4	15190.46	0.348725	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_17_5	1024	CLOSE GEOFFREY S & DEBORAH	5 HOLLOW BROOK RD,TEWKSBURY TWP	17	5	140995.3	3.236806	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_18_1	1024	SCHNUR, MARC V TRUSTEE	2 HOLLOW BROOK RD,TEWKSBURY TWP	18	1	29135.93	0.668869	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_18_10	1024	SEMEN, GEORGE JR & LAURA TRISIANO	3 WILDWOOD RD,TEWKSBURY TWP	18	10	260800.1	5.987147	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_18_11	1024	LEVY, DAVID & AMANDA BOWMAN	8 HOLLOW BROOK RD, TEWKSBURY TWP	18	11	231739.2	5.32	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	10/19/2015	PARKER ENGINEERING							
1024_18_11.02	1024	PORCELLO, FREDERICK A III	1 WILDWOOD RD,TEWKSBURY TWP	18	11.02	251319.6	5.769504	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_18_11.03	1024	PORCELLO, FREDERICK A / PATRICIA A	16 FOX HILL RD,TEWKSBURY TWP	18	11.03	129753.7	2.978735	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_18_13	1024	MOHR, SHANE A	4 HOLLOW BROOK RD,TEWKSBURY TWP	18	13	150487.3	3.454712	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_18_2	1024	DEROGATIS, GARY	180 OLD TURNPIKE RD,TEWKSBURY TWP	18	2	124709.2	2.86293	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_18_2.01	1024	HUBER DEBORAH J	188 OLD TURNPIKE RD,TEWKSBURY TWP	18	2.01	127269.2	2.921698	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_18_2.02	1024	WILMINGTON SAVINGS FUND SOCIETY	186 OLD TURNPIKE RD,TEWKSBURY TWP	18	2.02	184508.6	4.235734	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_18_2.03	1024	LEBOWITZ, JILL & CARROLL, JAMES G	184 OLD TURNPIKE RD,TEWKSBURY TWP	18	2.03	117588.8	2.699467	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	9/9/2013	FERRIERO ENGINEERING							
1024_18_2.04	1024	STURGES, STEPHEN J	182 OLD TURNPIKE RD,TEWKSBURY TWP	18	2.04	133710.8	3.069577	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_18_3	1024	KASAY, KATHLEEN	19 WILDWOOD RD,TEWKSBURY TWP	18	3	94226	2.163131	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_18_4	1024	CUMMINGS-DEC, SHARON M	17 WILDWOOD RD,TEWKSBURY TWP	18	4	51173.1	1.174773	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_18_5	1024	PIERCE, VICTORIA	15 WILDWOOD RD,TEWKSBURY TWP	18	5	55745.99	1.279752	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_18_6.01	1024	CHUNG, DANIEL Y	11 WILDWOOD RD,TEWKSBURY TWP	18	6.01	266922.3	6.127694	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_18_7	1024	PANKUCH, BRIAN J & ELLEN W	5 WILDWOOD RD,TEWKSBURY TWP	18	7	217475.4	4.992549	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	11/1/2018	BAYER-RISSE							
1024_18_9	1024	LOVE, ROBIN M	7 WILDWOOD RD,TEWKSBURY TWP	18	9	26301.25	0.603794	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_1	1024	CRONIN, DENNIS A & DEBORAH F	17 FOX HILL RD,TEWKSBURY TWP	19	1	249148.4	5.71966	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	3/3/2017	ERICA BUSCH							
1024_19_10	1024	NAPOLITAN, PAUL F & DIANE C	28 HOLLOW BROOK RD,TEWKSBURY TWP	19	10	547634.4	12.57196	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	2/5/2013	WAYNE LISA/J. A. LISA, INC.							
1024_19_10.01	1024	SOMMER, JOHN S & NANCY J	26 HOLLOW BROOK RD,TEWKSBURY TWP	19	10.01	218219.3	5.009625	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_11.02	1024	HICOK, TODD & MICHELLE	20 COLD SPRING RD,TEWKSBURY TWP	19	11.02	374032.6	8.586608	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_11.08	1024	KLAUSMANN, JAMES M & JACKLYN S	4 ALDER CREEK DRIVE, TEWKSBURY TWP	19	11.08	486565.2	11.17	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	4/18/2012; 5/9/2013	PARKER ENGINEERING & SURVEYING; YANNACCONE, VILLA & ALDRICH							
1024_19_13.02	1024	NYDICK, STEVEN I & JANICE L HERBERT	8 HOMESTEAD RD,TEWKSBURY TWP	19	13.02	287339	6.596396	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_13.04	1024	POPE, NICHOLAS M & ELIZABETH GALLO	12 HOMESTEAD RD	19	13.04	367210.8	8.43	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	9/26/2014; 4/29/2015	PARKER ENGINEERING; PARKER ENGINEERING							
1024_19_14	1024	DUET, DONALD J	6A HOMESTEAD RD,TEWKSBURY TWP	19	14	466698.7	10.71393	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_14.01	1024	CORDING, RONALD E	4 HOMESTEAD RD,TEWKSBURY TWP	19	14.01	220721.5	5.067069	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ROBERT K.	1/11/2012	REPAIR							
1024_19_14.02	1024	DAVIS, STEPHEN R & ANNE E	66 HOLLOW BROOK RD,TEWKSBURY TWP	19	14.02	218075	5.006314	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR;RE	6/1/2017; 11/16/2018	BEACHSTONESEPTIC; THE PUMPER							
1024_19_14.03	1024	LYNCH, JAMES H JR	68 HOLLOW BROOK RD,TEWKSBURY TWP	19	14.03	222199.6	5.101001	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_14.06	1024	CUPOLI, EDWARD L / TRACY	58 HOLLOW BROOK RD,TEWKSBURY TWP	19	14.06	415290.3	9.533753	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_15.04	1024	VOGEL, TRISTAN J & STACY G	30 HOMESTEAD RD,TEWKSBURY TWP	19	15.04	316652.8	7.269347	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_16	1024	RESNICK, GERALD / HELENE	36 HOMESTEAD RD, TEWKSBURY TWP	19	16	807166.8	18.53	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	7/10/2015	TOBY BARKMAN							
1024_19_17	1024	KENNEDY, LOIS H	50 HOMESTEAD RD, TEWKSBURY TWP	19	17	865972.8	19.88	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	10/18/2016	RESIDUALS MANAGEMENT SERVICES							
1024_19_17.01	1024	ROTHPLETZ, FRANCES R	40 HOMESTEAD RD,TEWKSBURY TWP	19	17.01	218185.7	5.008855	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_17.02	1024	DURDEN II, ROBERT/ELIZABETH	44 HOMESTEAD RD,TEWKSBURY TWP	19	17.02	323357.3	7.423262	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_19	1024	FAY, JAMES III & ALLENE	36 COLD SPRING RD,TEWKSBURY TWP	19	19	54924.86	1.260901	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_2	1024	HANSON, RICHARD R & BARBARA A	15 FOX HILL RD,TEWKSBURY TWP	19	2	241967.4	5.554808	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_20	1024	VAN DUSEN, KATHLEEN	34 COLD SPRING RD,TEWKSBURY TWP	19	20	181706.3	4.171403	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	1/15/2013	GERALD G. GARDNER, PE							
1024_19_21	1024	SCHEIBAL, EDWARD J / GEORGE B	32 COLD SPRING RD,TEWKSBURY TWP	19	21	173346.7	3.979492	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_22.01	1024	PEACOCK, FOULIS M & VIRGINIA C	30 COLD SPRING RD,TEWKSBURY TWP	19	22.01	227290.6	5.217875	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_25	1024	NORTH, ESTATE ALLISON C/O NORTH R	16 COLD SPRING RD,TEWKSBURY TWP	19	25	217823.1	5.00053	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	9/12/2016	STEPHEN PARKER							
1024_19_26	1024	RICCIARDI, PATRICK T & JOANNE M	12 COLD SPRING RD,TEWKSBURY TWP	19	26	125875	2.889692	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_3	1024	PARMAN, STANLEY & ELIZABETH DURRANT	10 HOLLOW BROOK RD,TEWKSBURY TWP	19	3	217853.5	5.001227	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_5	1024	HERRIG, BRENT W	14 HOLLOW BROOK RD,TEWKSBURY TWP	19	5	130165.9	2.988197	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_6	1024	BIGDELLE, ALAN R	16 HOLLOW BROOK RD,TEWKSBURY TWP	19	6	181746.8	4.172332	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_7	1024	SVARD, LENNART BILLY	18 HOLLOW BROOK RD,TEWKSBURY TWP	19	7	114010.9	2.617331	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_19_8	1024	LISA, WAYNE	20 HOLLOW BROOK RD,TEWKSBURY TWP	19	8	227347.8	5.219187	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	7/17/2018	PARKER ENGINEERING & SURVEYING							
1024_20_10	1024	KALINCHAK, STEPHEN G & SUSAN E H	3 HIGH ST,TEWKSBURY TWP	20	10	28798.97	0.661133	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_20_11	1024	MORIARTY,MICHAEL & KAREN	1 HIGH ST,TEWKSBURY TWP	20	11	14172.28	0.325351	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_20_13	1024	DEAL MARY E	7 HIGH ST,TEWKSBURY TWP	20	13	28942.69	0.664433	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_20_2	1024	MANASTER, YITZCHAK D & J L GRIFFEE	46 FAIRMOUNT RD EAST, TEWKSBURY TWP	20	2	632491.2	14.52	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	5/31/2017	PEACH BROTHERS							
1024_20_4	1024	PENNINGTON,RONALD	40 FAIRMOUNT RD EAST,TEWKSBURY TWP	20	4	39074.93	0.897037	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_20_6	1024	HORST RICHARD M & KARLA L	38 FAIRMOUNT RD EAST,TEWKSBURY TWP	20	6	16625.51	0.381669	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_20_8	1024	TOMAINO KATHLEEN	9 HIGH ST,TEWKSBURY TWP	20	8	102253.1	2.347409	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_20_9	1024	WOLSKY, THOMAS S	5 HIGH ST,TEWKSBURY TWP	20	9	14654.65	0.336425	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_21_1	1024	WOLSKY, THOMAS S	6 HIGH ST,TEWKSBURY TWP	21	1	3576.456	0.082104	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_21_2	1024	SCHMIDT, EDWARD W	4 HIGH ST,TEWKSBURY TWP	21	2	5369.664	0.123271	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_21_3	1024	PIERSON, STERLING L & JENNIFER W	2 HIGH ST,TEWKSBURY TWP	21	3	15698.42	0.360386	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_22_2	1024	BOYER, THOMAS S / JOAN S MYERS	12 BLACK RIVER RD,TEWKSBURY TWP	22	2	4290.847	0.098504	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_22_3	1024	CONNELL, KEITH & JUDE	10 BLACK RIVER RD,TEWKSBURY TWP	22	3	12823.73	0.294392	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_23_12	1024	CUMMINS, JAMES B. & CAROL R	23 FAIRMOUNT RD EAST,TEWKSBURY TWP	23	12	21540.79	0.494509	TEWKSBURY TWP	HUNTERDON	Non_Residential	Planning										
1024_23_13	1024	JAECKLE, J EDWARD III/GRETCHEN ETAL	9 FAIRMOUNT RD EAST,TEWKSBURY TWP	23	13	4053.499	0.093056	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_23_14.01	1024	VIERVEYZER, FREDERIC M & AUDREY B	21 FAIRMOUNT RD EAST,TEWKSBURY TWP	23	14.01	24263.46	0.557012	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_23_19	1024	IANNIELLO, DAVID J & PATRICIA A	5 MCCAN MILL RD,TEWKSBURY TWP	23	19	9700.397	0.22269	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_23_2.02	1024	JOHNSON, SCARLETT G S	7 FLINT HILL RD,TEWKSBURY TWP	23	2.02	272050.4	6.245418	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_23_23.01	1024	JOHNSON,JENNI U TRUSTC/O HEROLD LAW	62 VLIETTOWN RD, TEWKSBURY TWP	23	23.01	784080	18	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	12/11/2012	APGAR ASSO.							
1024_23_25	1024	PARKER, JOHN F & MARIA E PAUMGARTEN	40 VLIETTOWN RD,TEWKSBURY TWP	23	25	240389.5	5.518584	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_23_28.02	1024	INCANTALUPO, DOMINICK	109 HOMESTEAD RD, TEWKSBURY TWP	23	28.02	324957.6	7.46	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	5/26/2016	THE PUMPER							
1024_23_29.01	1024	MVB EQUINE VETERINARIAN PA	101 HOMESTEAD RD,TEWKSBURY TWP	23	29.01	85059.96	1.952708	TEWKSBURY TWP	HUNTERDON	Non_Residential	Planning										
1024_23_31	1024	CLUCAS, SCOTT & PATRICIA	93 HOMESTEAD RD,TEWKSBURY TWP	23	31	147087.7	3.376668	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_23_4	1024	JLJ PARTNERSHIP,LP C/O JOHNSON OFF	25 HOMESTEAD RD,TEWKSBURY TWP	23	4.02	3514.769	0.080688	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_23_4.01	1024	MAC QUEEN LAWRENCE R & MILDRED L	21 HOMESTEAD RD,TEWKSBURY TWP	23	4.01	233373.4	5.357515	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_23_42.01	1024	MELICK, JOHN V / STACY	20 CHURCH ST,TEWKSBURY TWP	23	42.01	41011.95	0.941505	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_23_44.01	1024	JOHNSON, JENNIFERGRETCHEN W TRUSTEE	54 VLIETTOWN RD,TEWKSBURY TWP	23	44.01	1021934	23.46037	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_23_5	1024	19 HOMESTEAD ROAD LLC	19 HOMESTEAD RD,TEWKSBURY TWP	23	5	47163.21	1.082718	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_23_6	1024	MACQUEEN, ROSEMARY	17 HOMESTEAD RD,TEWKSBURY TWP	23	6	94500.57	2.169435	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	5/19/2016	KURT HOFFMAN							
1024_23_7	1024	SMITH, RICHARD C & CHRISTINE G	7 HOMESTEAD RD,TEWKSBURY TWP	23	7	78716.08	1.807073	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_24_10	1024	METZLER JAMES VERNON	26 MCCAN MILL RD,TEWKSBURY TWP	24	10	14467.56	0.33213	TEWKSBURY TWP	HUNTERDON	Non_Residential	Planning										
1024_24_12	1024	STARK, JACOB P JR & KIMBERLY OAKS	3 RINEHART LN,TEWKSBURY TWP	24	12	42144.08	0.967495	TEWKSBURY TWP	HUNTERDON	Residential	Planning										

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_24_13	1024	FEIGLEY, DAVID A	7 RINEHART LN,TEWKSBURY TWP	24	13	52144.01	1.197062	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_24_14	1024	ANTHONY, WARD H JR & ALLISON K	9 RINEHART LANE,TEWKSBURY TWP	24	14	58618.79	1.345702	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_24_2	1024	FRANCIS, MARY LOUISE	10 MCCAN MILL RD,TEWKSBURY TWP	24	2	38283.56	0.87887	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_24_22	1024	OEHLKE, DONALD C	34 MCCAN MILL RD,TEWKSBURY TWP	24	22	73035.34	1.676661	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_24_5	1024	16 MCCANN MILL LLC	16 MCCAN MILL RD,TEWKSBURY TWP	24	5	26199.18	0.60145	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_24_6	1024	RYAN, JOHN	18 MCCAN MILL RD,TEWKSBURY TWP	24	6	23269.7	0.534199	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_24_7	1024	SULLIVAN, TIERNEY ANNE	20 MCCAN MILL RD,TEWKSBURY TWP	24	7	30101.31	0.691031	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_24_9	1024	BELL, PAUL W / BRENDA C PARKINSON	2 RINEHART LN,TEWKSBURY TWP	24	9	10003.14	0.229641	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_26_10.01	1024	HEYDT, CHRISTOPHER & SAMANTHA	28 SAW MILL RD, TEWSBURY TWP	26	10.01	326700	7.5	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	8/13/2015	STEPHEN PARKER							
1024_26_10.02	1024	GORDON, WADE E	30 SAW MILL RD,TEWKSBURY TWP	26	10.02	211911	4.864808	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_11.02	1024	DONOGHUE, MICHAEL B & ROSELLEN	36 SAW MILL RD,TEWKSBURY TWP	26	11.02	131143.8	3.010647	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	8/2/2017	KURT HOFFMAN							
1024_26_11.03	1024	HOVLIARAS, PAMELA A & A GUARNIERI	26 BURRELL RD,TEWKSBURY TWP	26	11.03	312297.3	7.16936	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_11.04	1024	GILMAN, CLIFFORD J	24 BURRELL RD, TEWKSBURY TWP	26	11.04	358063.2	8.22	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	10/16/2014	BOB RUTAN							
1024_26_11.05	1024	JACKSON, CLAUDE A & CHRISTINE	30 BURRELL RD,TEWKSBURY TWP	26	11.05	154831.9	3.554451	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_11.06	1024	CASHMAN, CYNTHIA / GEORGE TRUSTEES	34 SAW MILL RD,TEWKSBURY TWP	26	11.06	130774.6	3.002172	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_11.07	1024	BARTELS, LAURA A / GREGORY J	32 SAW MILL RD,TEWKSBURY TWP	26	11.07	130696.9	3.000388	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_12	1024	SCHMIDLING, JANET	36 BURRELL RD,TEWKSBURY TWP	26	12	280589.4	6.441446	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_14	1024	RUSSOMAGNO, GERARD	40 BURRELL RD,TEWKSBURY TWP	26	14	106716.6	2.449876	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_19	1024	CHATFIELD, ALEXANDER/NICHOLAS/ETAL	8 BOULDER HILL RD,TEWKSBURY TWP	26	19	412392.6	9.467231	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_2.01	1024	SLUSHER, RICHART E & SHIRLEY M	81 GUINEA HOLLOW RD,TEWKSBURY TWP	26	2.01	128897.7	2.959085	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_2.02	1024	SLUSHER RICHART E & SHIRLEY M	79 GUINEA HOLLOW RD,TEWKSBURY TWP	26	2.02	163291	3.748646	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_2.03	1024	GORDON, MICHAEL R	77 GUINEA HOLLOW RD,TEWKSBURY TWP	26	2.03	137618.2	3.159279	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_2.05	1024	FRAGNER, RONALD & SANDRA	71 GUINEA HOLLOW RD,TEWKSBURY TWP	26	2.05	143047.7	3.283923	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_4	1024	GALE, NANCY LYNN	83 GUINEA HOLLOW RD,TEWKSBURY TWP	26	4	130233.8	2.989758	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_5	1024	JACKSON, RYAN	2 SAW MILL RD,TEWKSBURY TWP	26	5	89262.74	2.049191	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_7	1024	BOHANAN, DAVID J & JUDITH PETROCCI	10 SAW MILL RD,TEWKSBURY TWP	26	7	259071.6	5.947466	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_8	1024	ERSTIKAITIS, RAY & LAVINIA GLASS	4 STONEY RIDGE LN,TEWKSBURY TWP	26	8	158796.2	3.64546	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_9.01	1024	MARTIN, JOHN C & TINA M	14 SAW MILL RD,TEWKSBURY TWP	26	9.01	135511.1	3.110907	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_9.03	1024	SABRIO, MICHAEL & CAROL WEISMANN	24 SAW MILL RD,TEWKSBURY TWP	26	9.03	137403.4	3.154347	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_9.04	1024	PERRY JEFF R & PATTI ANN	22 SAW MILL RD,TEWKSBURY TWP	26	9.04	130895.3	3.004943	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_9.05	1024	VILLAMARIA, EDWARD N & WEI JUN	1 STONEY RIDGE LN,TEWKSBURY TWP	26	9.05	170744.9	3.919764	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_26_9.06	1024	BIALKIN, EDWARD P & THERESE M	2 STONEY RIDGE LN,TEWKSBURY TWP	26	9.06	170808.5	3.921223	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_100	1024	DOYLE, MARGARET C	1 DINNER POT RD, TEWKSBURY TWP	27	100	273556.8	6.28	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	11/28/2012	G. S. LIKUS, LLC							
1024_27_103.02	1024	MERCER, ARNOLD G & ALEXIS G	46 HILL & DALE RD,TEWKSBURY TWP	27	103.02	132849	3.049794	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_103.03	1024	COCOZIELLO, PETER J	10 FIELDVIEW LN, TEWKSBURYH TWP	27	103.3	642510	14.75	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	8/14/2017	BOB RUTAN							
1024_27_103.04	1024	CLARK, WILLIAM G & SARAH	7 FIELD VIEW LN,TEWKSBURY TWP	27	103.04	916518.3	21.04036	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_105	1024	PEREZ, MATTHEW & LISA	25 PARSONAGE LOT RD,TEWKSBURY TWP	27	105	221346.3	5.081411	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	7/9/2015	THE PUMPER LLC							
1024_27_115.01	1024	PEIXOTO, CARLOS / CHRISTINE	1 PARSONAGE LOT RD,TEWKSBURY TWP	27	115.01	227616.6	5.225358	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_145.02	1024	LINK KENNETH A / PATRICIA NARDONE	52 HILL & DALE RD,TEWKSBURY TWP	27	15.02	157394.8	3.613288	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_145.03	1024	SHERLOCK JOHN R & ANNE MARIE	50 HILL & DALE RD,TEWKSBURY TWP	27	145.03	192308.5	4.414795	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_145.04	1024	CLOVER, JAMES R & CYNTHIA MULLANEY	48 HILL & DALE RD,TEWKSBURY TWP	27	145.04	165303.4	3.794843	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	8/16/2018	BOB RUTAN							
1024_27_145.05	1024	MERLO, CARLOS R / MARIA I	38 HILL & DALE RD,TEWKSBURY TWP	27	145.05	219407.4	5.0369	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_145.09	1024	JENKINS, WILLIAM K & BONNIE B	28 HILL & DALE RD,TEWKSBURY TWP	27	145.09	214730.8	4.929541	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_146	1024	BORGHESE, ILARIA F	36 HILL & DALE RD,TEWKSBURY TWP	27	146	268832.6	6.171548	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_147.02	1024	PINZUR,BARBARA/LAURENCE QPR TRUST	22 HILL & DALE RD, TEWKSBURY TWP	27	147.02	461300.4	10.59	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	10/20/2017	BEDMINSTER EXCAVATION							
1024_27_147.03	1024			27	147.03			TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	8/16/2018	BEDMINSTER EXCAVATING							
1024_27_147.04	1024	FILIPPONE, ANNE	18 HILL & DALE RD,TEWKSBURY TWP	27	147.04	259016	5.946189	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_147.05	1024	CAPITAL ONE NA	16 HILL & DALE RD,TEWKSBURY TWP	27	147.05	280425.1	6.437674	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_150	1024	SINGH, BISHAM	12 HILL & DALE RD,TEWKSBURY TWP	27	150	217420.2	4.991282	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_16	1024	LAMPARIELLO, MARK & MARGAUX	11 PARSONAGE LOT RD,TEWKSBURY TWP	27	16	130829.9	3.003442	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR; RE	7/15/2015; 8/5/2015	GARDEN STATE SEPTIC							
1024_27_17	1024	WOODRUFF, MICHAEL C & GEORGIA	15 PARSONAGE LOT RD,TEWKSBURY TWP	27	17	130867.3	3.004301	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_18	1024	FAZZINI, EUGENE P & MARY THOMAS	17 PARSONAGE LOT RD,TEWKSBURY TWP	27	18	130288.5	2.991012	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_19	1024	ROBSON, KRISTINA M	19 PARSONAGE LOT RD,TEWKSBURY TWP	27	19	130682.6	3.000061	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	NEW; REPA	3/13/2012; 9/29/2014	YANNACCONE, VILLA & ALDRICH; TIM TERRY EXCAVATING							
1024_27_20	1024	HANNON, JAMES E & NANCY L	21 PARSONAGE LOT RD,TEWKSBURY TWP	27	20	134783.2	3.094196	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_21	1024	HIGGINS, LAWRENCE & PAULINE	23 PARSONAGE LOT RD,TEWKSBURY TWP	27	21	130736.5	3.001298	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_23	1024	THOMAS, PHILIP C JR & PATRICIA G	27 PARSONAGE LOT RD,TEWKSBURY TWP	27	23	132836.2	3.0495	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_24	1024	CHRISTIE, CONSTANTINE/ P J FLACHS	29 PARSONAGE LOT RD,TEWKSBURY TWP	27	24	148072.5	3.399276	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	5/29/2018	KURT HOFFMAN							
1024_27_25	1024	JESKULSKI, KURT / LAURA	31 PARSONAGE LOT RD,TEWKSBURY TWP	27	25	137339.6	3.152884	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_26	1024	JOSHI, ELIZABETH M & SANJAY	33 PARSONAGE LOT RD,TEWKSBURY TWP	27	26	132738.3	3.047252	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_27	1024	SHARP, LAURA	35 PARSONAGE LOT RD,TEWKSBURY TWP	27	27	131254.7	3.013194	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	7/11/2018	KURT HOFFMAN							
1024_27_28	1024	TAFT, DOUGLAS WILLIAM & HONOR DEBYE	39 PARSONAGE LOT RD,TEWKSBURY TWP	27	28	130244.3	2.989997	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	6/16/2015	AARON EXCAVATING							
1024_27_29	1024	KLACIK, RAYMOND R JR & CAROL A	41 PARSONAGE LOT RD,TEWKSBURY TWP	27	29	130881.1	3.004616	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_30	1024	SHERMAN, BRETT	43 PARSONAGE LOT RD,TEWKSBURY TWP	27	30	135069.9	3.100778	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	6/8/2016	BEACHSTONE							
1024_27_31	1024	VALLEY, ASHLEY & NICHOLAS	45 PARSONAGE LOT RD,TEWKSBURY TWP	27	31	132533.4	3.042548	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_32	1024	WALTERS RICHARD S & ALICE F	47 PARSONAGE LOT RD,TEWKSBURY TWP	27	32	130698.8	3.000432	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_33	1024	JANSSEN, DAVID SWIFT / JEANNINE F	49 PARSONAGE LOT RD,TEWKSBURY TWP	27	33	130719.5	3.000908	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	PARKER EN	3/29/2012	ALTERATION							
1024_27_34	1024	TIESI, JAMES & BARBARA	51 PARSONAGE LOT RD,TEWKSBURY TWP	27	34	131401.3	3.01656	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_35	1024	KIVETT, CHARLES H & GERTRUDE M	53 PARSONAGE LOT RD,TEWKSBURY TWP	27	35	130115	2.987029	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_36	1024	CAVANAUGH, RICHARD & JOANN	46 PARSONAGE LOT RD,TEWKSBURY TWP	27	36	197056.8	4.523802	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_37	1024	SYMON, MARTHA R & BRUCE T	4 BARTLES RD,TEWKSBURY TWP	27	37	140533.5	3.226205	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_38	1024	FIORI, PETER & KAREN SARNELLI	6 BARTLES RD,TEWKSBURY TWP	27	38	132893.1	3.050807	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_39	1024	BLAUVELT, KRISTEN J	8 BARTLES RD,TEWKSBURY TWP	27	39	132180.9	3.034457	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_40	1024	NORCIA, VINCENT & LISA	10 BARTLES RD,TEWKSBURY TWP	27	40	130892.6	3.00488	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR; AL	5/21/2012; 8/11/2017	TRI COUNTY SEPTIC; KURT HOFFMAN							

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_27_41	1024	MARINI, PAMELA E & JOSEPH O	12 BARTLES RD,TEWKSBURY TWP	27	41	130658.1	2.999497	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_42	1024	BOULBOL, ANTHONY J & JULIA	3 HONEYMAN RD,TEWKSBURY TWP	27	42	131953.8	3.029242	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_43	1024	O'CONNOR LAWRENCE V III & LORETTA S	22 RIDGE RD,TEWKSBURY TWP	27	43	132400.2	3.03949	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_44	1024	DECHELLIS, JAIME	20 RIDGE RD,TEWKSBURY TWP	27	44	141715.1	3.253332	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_45	1024	PETRELIS, ARLENE L	18 RIDGE RD,TEWKSBURY TWP	27	45	189383.4	4.347644	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_46	1024	MIKKELSEN, JANET G	16 RIDGE RD,TEWKSBURY TWP	27	46	150252.2	3.449317	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_47	1024	LAFEMINA, GAETANO & LAURA	14 RIDGE RD,TEWKSBURY TWP	27	47	149995.8	3.44343	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_48	1024	MURPHY, LAWRENCE J	12 RIDGE RD,TEWKSBURY TWP	27	48	263033.5	6.038418	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_48.01	1024	FORTUNATO, SEBASTIAN B JR & DAWN M	10 RIDGE RD,TEWKSBURY TWP	27	48.01	131448	3.01763	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_50	1024	BRODY, REVALEE	100 0LD DRIFTWAY LN,TEWKSBURY TWP	27	50	182968.3	4.200375	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_50.01	1024	CENTORINO, MARIANNE	102 OLD DRIFTWAY LN,TEWKSBURY TWP	27	50.01	251374.5	5.770763	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_51	1024	CORNELIUS, ANNE M.	181-C RIDGE RD,TEWKSBURY TWP	27	51	128790.1	2.956615	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	8/30/2018	STEVE PARKER							
1024_27_53	1024	STEPHENSON, ROBERT A JR & KAREN	15 MOUNTAIN RD,TEWKSBURY TWP	27	53	130183.8	2.98861	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_54	1024	MOREIRA, CARLOS B & ALICE	13 MOUNTAIN RD,TEWKSBURY TWP	27	54	203947.7	4.681995	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_55	1024	FROHLICH, NORA T	11 MOUNTAIN RD,TEWKSBURY TWP	27	55	186211.7	4.274833	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	10/17/2017	KURT HOFFMAN							
1024_27_56	1024	SUTCH, JEFFREY & TRACEY D'AMORE	9 MOUNTAIN RD,TEWKSBURY TWP	27	56	125462.1	2.880214	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_57	1024	DAVIS, PAUL SCOTT	7 MOUNTAIN RD,TEWKSBURY TWP	27	57	175004.2	4.017543	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_58	1024	BAYTOFF, MICHAEL	3 MOUNTAIN RD,TEWKSBURY TWP	27	58	251404.1	5.771445	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_58.01	1024	SIMA,JOSEPH M. & DOROTHY A.	5 MOUNTAIN RD,TEWKSBURY TWP	27	58.01	393277.7	9.028413	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_59	1024	GAULT, JOHN & JOYCE SHEEHAN	1 MOUNTAIN RD,TEWKSBURY TWP	27	59	90233.75	2.071482	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_60	1024	HARTTEN, RICHARD & ROSEMARY	41 SAW MILL RD,TEWKSBURY TWP	27	60	83584.51	1.918836	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_61	1024	BANACH, STEPHEN & MARJORIE	43 SAW MILL RD,TEWKSBURY TWP	27	61	51332.03	1.178421	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_62	1024	KAPPUS, NOEL & THERESA	45 SAW MILL RD,TEWKSBURY TWP	27	62	73436.08	1.68586	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_65	1024	ZHENG YUAN INTERNATL FLAGSHIP SCHOO	51 SAW MILL RD,TEWKSBURY TWP	27	65	300887.9	6.907436	TEWKSBURY TWP	HUNTERDON	Non_Residential	Preservation										
1024_27_67	1024	PODZUBON, JURAJ / DANA	55 SAWMILL RD,TEWKSBURY TWP	27	67	224689.3	5.158157	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_68	1024	ROSE, WILLIAM D & JULIETTE L	61 SAWMILL RD,TEWKSBURY TWP	27	68	131035.1	3.008153	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_69	1024	BRAUSE, PAMELA L/GARRETT, CHARLES	63 SAWMILL RD,TEWKSBURY TWP	27	59	6751.519	0.154994	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_70	1024	GREEN, MALCOLM E	1 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	70	187189.3	4.297276	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.01	1024	TOWLE, BRIAN / DAWN R	4 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.01	89499.02	2.054615	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.02	1024	CIABURRI, DEBRA	6 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.02	90369.16	2.074591	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.03	1024	VAN EPPS, JAMES B & CONSTANCE W	8 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.03	89526.29	2.055241	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.04	1024	MIELE, ANTHONY M & ANNA MARIA	10 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.04	91116.12	2.091738	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.05	1024	WAHNISH, HUGO	1 HILLVIEW DR,TEWKSBURY TWP	27	71.05	96080.56	2.205706	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.06	1024	PATEL, ZARINE	3 HILLVIEW DR,TEWKSBURY TWP	27	71.06	137836.3	3.164287	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.07	1024	MALLIN, GIOVANNA V	5 HILLVIEW DR,TEWKSBURY TWP	27	71.07	120089.9	2.756885	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.08	1024	SHERMAN, BRETT & KATHLEEN	7 HILLVIEW DR,TEWKSBURY TWP	27	71.08	112887.6	2.591544	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.09	1024	SHERMAN, BRETT & KATHLEEN	9 HILLVIEW DR,TEWKSBURY TWP	27	71.08	110380.9	2.533996	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.10	1024	SCALA, GENEROSO A	11 HILLVIEW DR,TEWKSBURY TWP	27	71.1	93748.93	2.152179	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.11	1024	ROSS, JUDITH	13 HILLVIEW DR,TEWKSBURY TWP	27	71.11	106130.8	2.436429	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	12/15/2015	D GULICK						
1024_27_71.12	1024	SANACORE, JOHN / LINDA	10 HILLVIEW DR,TEWKSBURY TWP	27	71.12	118680.1	2.724521	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.13	1024	SOT, EDWARD J & CAROLYN	8 HILLVIEW DR,TEWKSBURY TWP	27	71.13	98241.31	2.25531	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.14	1024	IOLA, ROBERT L JR & KATHLEEN M	6 HILLVIEW DR,TEWKSBURY TWP	27	71.14	88089.84	2.022264	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.15	1024	HAMEDANI, PARVIZ H & NAHEED	4 HILLVIEW DR,TEWKSBURY TWP	27	71.15	87345.59	2.005179	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.16	1024	SHANGOLD, YVETTE A	14 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.16	87160.47	2.000929	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.17	1024	DONALDSON, FRANCIS T & JOAN M	16 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.17	87461.5	2.00784	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.18	1024	THOMSON, ROBERT S & CAROL A	18 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.18	87662.49	2.012454	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.19	1024	PETROGNANI, MARC & JESSICA	20 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.19	87581.71	2.0106	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.20	1024	QIU, LING & ROY SUN	22 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.2	98288.61	2.256396	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.21	1024	PATEL, FARROKH R & GOOL F	24 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.21	100424.9	2.305438	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.22	1024	GUPTA, SHINU	26 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.22	113151.3	2.597596	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	8/12/2014	KURT HOFFMAN						
1024_27_71.23	1024	LARACY, GREGORY R & SARA M	28 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.23	144809.6	3.324371	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.24	1024	MORRIELLO, RONALD A	30 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.24	162175.2	3.723031	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.25	1024	LU, JIAN JASON & ZHU, LAN	21 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.25	121537.3	2.790113	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.26	1024	FISHBEIN, ROBERT	19 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.26	112111.3	2.573722	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.27	1024	EYET, MATTHEW & ALINA	17 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.27	103110.8	2.367099	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR; AL	8/15/2012; 2/24/2017	APGAR ASSOCIATES						
1024_27_71.28	1024	FLEISCHER, STEVEN H & JUDITH L	15 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.28	89197.31	2.047688	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.29	1024	HALL, ANDREW E	13 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.29	91764.7	2.106628	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_71.30	1024	MESSINA, JAMES D / MEGAN M	11 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	71.3	113691.9	2.610007	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_72	1024	KELLEY, GEORGE W & JEAN H TRUST	7 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	72	394534.5	9.057266	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_73	1024	GERMINO, F JOSEPH & ANNE M	9 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	73	219092.7	5.029676	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_75	1024	SINFELT, MURIEL J	25 LAUREL MOUNTAIN WAY,TEWKSBURY TWP	27	75	499306	11.46249	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_78	1024	HAHN, MARGARET A	118 OLD DRIFTWAY LN,TEWKSBURY TWP	27	78	653629	15.00526	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_78.01	1024	ALLEN, BRIAN & AMY	116 OLD DRIFTWAY LN,TEWKSBURY TWP	27	78.01	194369.2	4.462103	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	12/22/2014	HERCULES SEPTIC & SEWER						
1024_27_79	1024	CARRINO, JOHN & JILLIAN	114 OLD DRIFTWAY LN,TEWKSBURY TWP	27	79	452111.1	10.37904	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_80	1024	SMITH, TIMOTHY M / JUDITH R KRAMER-	112 OLD DRIFTWAY LANE,TEWKSBURY TWP	27	80	468463.7	10.75445	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_82	1024	DRAPER, W CHRISTOPHER & LOIS FITTON	108 OLD DRIFTWAY LN,TEWKSBURY TWP	27	82	227629.3	5.22565	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_83	1024	VOGEL, ROBERT & CHRISTINA H	106 OLD DRIFTWAY LANE,TEWKSBURY TWP	27	83	254046.9	5.832115	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	5/15/2018	TIM TERRY EXCAVATING						
1024_27_84	1024	CRAMER, JEFFREY T & AMY	104 OLD DRIFTWAY LN,TEWKSBURY TWP	27	84	217308.9	4.988726	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	11/28/2018	E & LP						
1024_27_88	1024	RIELY, JAMES A & DOREEN D	105 OLD DRIFTWAY LN,TEWKSBURY TWP	27	88	218184.5	5.008828	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_89	1024	O'GRADY, MARY	107 OLD DRIFTWAY LN,TEWKSBURY TWP	27	89	205802.2	4.724569	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_90	1024	IMPERANTE, JOHN / SANDRA K	109 OLD DRIFTWAY LN,TEWKSBURY TWP	27	90	290111.4	6.660042	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_91	1024	MESNARD WILLIAM & ANN LUCAS	13 DINNER POT RD,TEWKSBURY TWP	27	81	538544.4	12.36328	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_91.01	1024	PERRY, DIANE	18 DINNER POT RD,TEWKSBURY TWP	27	91.01	177942	4.084986	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_27_93	1024	TSCHIRRET-GUTH,RICHARD A/LIZA C	113 OLD DRIFTWAY LN,TEWKSBURY TWP	27	93	178807.3	4.10485	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_94	1024	CHEN, CHUNGUANG	182 OLD DRIFTWAY LN,TEWKSBURY TWP	27	94	223121.5	5.122164	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_27_98	1024	WELSH,GREGORY & BARBARA	3 DINNER POT RD,TEWKSBURY TWP	27	98	301628.6	6.92444	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_28_1	1024	FRIEBER, ROBERT A	4 WILDWOOD RD,TEWKSBURY TWP	28	1	57453.96	1.318961	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_28_13	1024	SPACEK, LANCE J	124 OLD TURNPIKE RD, TEWKSBURY	28	13	954399.6	21.91	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	7/1/2016	PARKER							
1024_28_15.01	1024	GALLAGHER, JOHN & ISOBEL	114 OLD TURNPIKE RD,TEWKSBURY TWP	28	15.01	209632.7	4.812506	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_28_15.02	1024	GRIFFIN, SCOTT & BETHLYN KRAKAUER	112 OLD TURNPIKE RD,TEWKSBURY TWP	28	15.02	211374.3	4.852487	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_28_16	1024	LEGACY TREATMENT SERVICES INC	110 OLD TURNPIKE RD,TEWKSBURY TWP	28	16	228127.2	5.23708	TEWKSBURY TWP	HUNTERDON	Non_Residential	Preservation	ALTERATIC	3/6/2015	KURT HOFFMAN ENGINEERING							
1024_28_19	1024	KING JR, WAYNE	68 FOX HILL, TEWKSBURY TWP	28	19	547549.2	12.57	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REDESIGN	10/1/2013	YANNACCONE, VILLA & ALDRICH							
1024_28_2	1024	JOHNSON, PATRICIA G & SHELBY GASEK	12 WILDWOOD RD,TEWKSBURY TWP	28	2	68445.19	1.571285	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	3/26/2015	APGAR ASSOCIATES							
1024_28_21	1024			28	21			TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	7/11/2018	PARKER ENGINEERING & SURVEYING							
1024_28_22	1024	TU, KUN-YII & JULIE	54 FOX HILL RD,TEWKSBURY TWP	28	22	238422.4	5.473425	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_28_23	1024	PARDILLA, OSVALDO J & ARIA DAVISSON	52 FOX HILL RD,TEWKSBURY TWP	28	23	201877.3	4.634465	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	1/11/2013	PEACH BROTHERS							
1024_28_24	1024	ELLSWORTH,WILLIAM EST/PATRICIA W	48 FOX HILL RD,TEWKSBURY TWP	28	24	206024.1	4.729662	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_28_25	1024	BAUDE, CHRISTIAN & AUDREY	50 FOX HILL RD,TEWKSBURY TWP	28	25	111887.7	2.568588	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_28_26	1024	MURRAY, ANDREW & ANN	38 FOX HILL RD,TEWKSBURY TWP	28	26	114941.1	2.638685	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_28_30.03	1024	ATWATER, SUSAN F	34 FOX HILL RD,TEWKSBURY TWP	28	30.03	253239.9	5.813588	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_28_30.07	1024	CUNHA, JOHN C & JOSE C	162 OLD TURNPIKE RD,TEWKSBURY TWP	28	30.07	212599	4.880602	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_28_30.08	1024	HOLLANDER, LESLIE B & RONNIE L	160 OLD TURNPIKE RD, TEWKSBURY TWP	28	30.08	470012.4	10.79	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	1/21/2016								
1024_28_32	1024	BOLLMANN, SCOTT D & JANICE	6 WILDWOOD RD,TEWKSBURY TWP	28	32	119281.3	2.738322	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_28_5	1024	BAYTOFF, MICHAEL	174 OLD TURNPIKE RD,TEWKSBURY TWP	28	5	229967.3	5.279324	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_28_6	1024	ROSENBERG, JOHN & GAIL	172 OLD TURNPIKE RD,TEWKSBURY TWP	28	6	121751.1	2.795021	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_28_7	1024	BERTHIAUME, MARK L	170 OLD TURNPIKE RD,TEWKSBURY TWP	28	7	388987.5	8.929924	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	1/31/2018	THE PUMPER, LLC							
1024_28_8	1024	CARVER JR, WILLIAM Z / CATHY J	168 OLD TURNPIKE RD,TEWKSBURY TWP	28	8	183748.3	4.218281	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_28_9.03	1024	KLIPSTEIN, KENNETH H II	144 OLD TURNPIKE RD,TEWKSBURY TWP	28	9.03	216864.2	4.978517	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_28_9.05	1024	QUENAULT EDWARD J & ANNA P	152 OLD TURNPIKE RD, TEWKSBURY TWP	28	9.05	218235.6	5.01	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	12/22/2014	HOFFMAN EXCAVATING							
1024_28_9.06	1024	150 CALIFON LLC	150 OLD TURNPIKE RD, TEWSBURY TWP	28	9.06	425581.2	9.77	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	3/12/2014	YANNACCONE,VILLA & ALDRICH							
1024_29_1	1024	BETHKE, JOHN R & THELMA	1 SCARLET OAK RD,TEWKSBURY TWP	29	1	217710.4	4.997943	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_10.01	1024	KELLY, BRANDON & ROSHAN PATEL-	11 PALATINE RD,TEWKSBURY TWP	29	10.01	231982	5.325574	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	11/20/2013	J J & B SERVICES							
1024_29_10.03	1024	GREENFIELD, HOPE/KENNETH OLSHANSKY	15 PALATINE RD,TEWKSBURY TWP	29	10.03	218127.8	5.007524	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_11	1024	DEWEY, SUZETTE GRAFF	39 COLD SPRING RD,TEWKSBURY TWP	29	11	74952.3	1.720668	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_12	1024	RANKE, SANDRA	35 COLD SPRING RD,TEWKSBURY TWP	29	12	74379.52	1.707519	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_13	1024	FAY, JAMES III & ALLENE	33 COLD SPRING RD,TEWKSBURY TWP	29	13	66327.16	1.522662	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_14	1024	VAN DUSEN, KATHLEEN	31 COLD SPRING RD,TEWKSBURY TWP	29	14	83446.33	1.915664	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_15	1024	SNOWBALL, SUSAN A/UPPERCO, DANIEL	29 COLD SPRING RD,TEWKSBURY TWP	29	15	23151.35	0.531482	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_19	1024	SCHEUERER, SOPHIE	9 COLD SPRING RD,TEWKSBURY TWP	29	19	135787	3.117241	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_2	1024	FUSCO, CARMINE P & RENEE G	3 SCARLET OAK RD,TEWKSBURY TWP	29	2	218426	5.014371	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_20.01	1024	HERMS, RUDOLPH W / DIERDRE	7 COLD SPRING RD,TEWKSBURY TWP	29	20.01	252511	5.796854	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_23	1024	DUNN, DENNIS M / MADELYN R	29 FOX HILL RD,TEWKSBURY TWP	29	23	135965.2	3.121332	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_24	1024	FORSTER, ALBERT & MARILYN	31 FOX HILL RD,TEWKSBURY TWP	29	24	137402.7	3.154332	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_25	1024	SOULES, SCOTT W & SIGNE M	1 COLD SPRING RD,TEWKSBURY TWP	29	25	217805.5	5.000127	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_3	1024	MTGLQ INVESTORS LP RUSHMORE MGNT	5 SCARLET OAK RD,TEWKSBURY TWP	29	3	249331.1	5.723855	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_4	1024	DONOVAN, WILLIAM & ELIZABETH	7 SCARLET OAK RD,TEWKSBURY TWP	29	4	219157.4	5.031162	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	8/22/2018	G.S. LIKUS							
1024_29_5	1024	SCHEIER, MARIANN	6 SCARLET OAK RD,TEWKSBURY TWP	29	5	216844.6	4.978067	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_6	1024	FONSECA, JOSE / MARTHA	4 SCARLET OAK RD,TEWKSBURY TWP	29	6	218152.2	5.008085	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_7	1024	GENSCH, JAMES & NANCY	25 FOX HILL RD,TEWKSBURY TWP	29	7	205781.6	4.724095	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_8	1024	PATERNITI, NAN	19 COLD SPRING RD,TEWKSBURY TWP	29	8	218808.2	5.023146	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_8.01	1024	MARTALUS, ROBERT J & BARARA M	15 COLD SPRING RD,TEWKSBURY TWP	29	8.01	217755.8	4.998986	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_8.03	1024	DELIA, MICHAEL T & MAGGIE	21 COLD SPRING RD,TEWKSBURY TWP	29	8.03	276581.5	6.349438	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_8.04	1024	WAHRENBERGER, JUDITH/LOUIS RUPRECHT	17 COLD SPRING RD,TEWKSBURY TWP	29	8.04	217828.9	5.000663	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_9.01	1024	VILLA, GEORGE S	35 FOX HILL RD,TEWKSBURY TWP	29	9.01	309967.1	7.115866	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_29_9.02	1024	CALDERONE, RUSSELL D & BONNIE L	33 FOX HILL RD,TEWKSBURY TWP	29	9.02	228833.1	5.253286	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	8/21/2014	CHARLES NEARY							
1024_29_9.03	1024	FLOOD, IRA & JENNIFER	37 FOX HILL RD,TEWKSBURY TWP	29	9.03	215507.2	4.947365	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_10	1024	HOOVER, WILLARD	15 VERNOY RD,TEWKSBURY TWP	3	10	13689.64	0.314271	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_11	1024	HOOVER, MARGARET A	17 VERNOY RD,TEWKSBURY TWP	3	11	18886.52	0.433575	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_12	1024	GILPIN, JAMES M	21 VERNOY RD,TEWKSBURY TWP	3	12	17505.1	0.401862	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_13	1024	REIS, KENNETH D & KATHLEEN H	23 VERNOY RD,TEWKSBURY TWP	3	13	43714.72	1.003552	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_14	1024	EPPRECHT, BARBARA	31 VERNOY RD,TEWKSBURY TWP	3	14	163076.4	3.743719	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_15	1024	BEAM, WAYNE J	19 VERNOY RD,TEWKSBURY TWP	3	15	50231.52	1.153157	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_16	1024	MERRILL, LOUIS S & MARGARET L	25 VERNOY RD,TEWKSBURY TWP	3	16	580709.9	13.33127	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_17	1024	BRENNAN, HELEN	27 VERNOY RD,TEWKSBURY TWP	3	17	13529.07	0.310585	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_18	1024	GAMBERT, RICHARD LEE	29 VERNOY RD,TEWKSBURY TWP	3	18	69936.72	1.605526	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_2	1024	GARRISON, HELEN M EST	63 VERNOY RD,TEWKSBURY TWP	3	2	24014.48	0.551297	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	8/9/2018	STEVE PARKER							
1024_3_20	1024	SHERNCE, CORY J	35 VERNOY RD,TEWKSBURY TWP	3	20	22293.03	0.511778	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	3/28/2012	J.K. HOFFMAN & SON							
1024_3_21	1024	GOLDEN, RAYMOND & ELIZABETH	37 VERNOY RD,TEWKSBURY TWP	3	21	39726.66	0.911999	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_22	1024	BECK, STEVEN & RANDI	41 VERNOY RD,TEWKSBURY TWP	3	22	84201.21	1.932994	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_23	1024	ARMSTRONG, GEORGE EDWARD	39 VERNOY RD,TEWKSBURY TWP	3	23	463554.3	10.64174	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_24	1024	MIDDAUGH, HARRY JAMES	43 VERNOY RD,TEWKSBURY TWP	3	24	23202.06	0.532646	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_25	1024	ADER, MARK & SHONA ROBINSON	45 VERNOY RD,TEWKSBURY TWP	3	25	26747.31	0.614034	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_26	1024	KAPLAN, KAREN A	49 VERNOY RD,TEWKSBURY TWP	3	26	204105.3	4.685612	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_27	1024	RUDOLPH, KEVIN M & KATHRYN E SPANN	47 VERNOY RD,TEWKSBURY TWP	3	27	56977.32	1.308019	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_28	1024	YAPLE, KENNETH M JR	53 VERNOY RD,TEWKSBURY TWP	3	28	22621.33	0.519314	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_29	1024	SCHLEICHER, WILLIAM A	55 VERNOY RD,TEWKSBURY TWP	3	29	19590.52	0.449736	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_3_30	1024	GOLDEN, WAYNE R & DELIA	59 VERNOY RD,TEWKSBURY TWP	3	30	52377.65	1.202425	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_35	1024	ARMSTRONG, GEORGE H & JOANNE	33 VERNOY RD,TEWKSBURY TWP	3	35	203086.3	4.662221	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_4.04	1024	DEACON, THOMAS /MEZZACAPPA, MERRILL	2 INDIAN LN,TEWKSBURY TWP	3	4.04	131601.9	3.021165	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_4.05	1024	US BANK NATL ASSOC % WELLS FARGO	3 INDIAN LN,TEWKSBURY TWP	3	4.05	135662.4	3.114381	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_4.06	1024	GARDER EJENDOMSIVEST APS	4 INDIAN LN,TEWKSBURY TWP	3	4.06	135221.1	3.10425	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	6/8/2017	TRI COUNTY						
1024_3_4.07	1024	MILLER, ROBERT A & LORI K	5 INDIAN LN,TEWKSBURY TWP	3	4.07	131091.5	3.009446	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_5	1024	ROSSITER, LAURA	32 FROG HOLLOW RD,TEWKSBURY TWP	3	5	89715.94	2.059595	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_6	1024	CRIMI, JOHN C	33 BEAVERS RD,TEWKSBURY TWP	3	6	80468.28	1.847298	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_3_9	1024	WYDNER, MARK	13 VERNOY RD,TEWKSBURY TWP	3	9	13890.56	0.318883	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_30_2	1024	KATNACK, FREDRIC L & MARION P	41 FOX HILL RD,TEWKSBURY TWP	30	2	306126.4	7.027695	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_30_3.01	1024	ROLL, E BELINDA	20 PALATINE RD,TEWKSBURY TWP	30	3.01	218921.2	5.02574	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_30_4	1024	LIKUS, GLENN S	53 FOX HILL RD,TEWKSBURY TWP	30	4	348483.1	8.000071	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR; AL	6/13/2014; 5/21/2015	LIKUS EXCAVATING; PARKER ENGINEERING							
1024_30_7	1024	SUNDMAN, PETER E ETALS	64 HOMESTEAD RD,TEWKSBURY TWP	30	7	49174.47	1.128891	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_30_8	1024	LAMPORT, ROBERT H & MARTHA M	26 PALATINE RD,TEWKSBURY TWP	30	8	118048.9	2.710029	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_1	1024	STONE, LAUREL H	35 LONG VIEW RD,TEWKSBURY TWP	31	1	173249.9	3.97727	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_1.01	1024	CAFORA, DEAN T. & SHIRLEY R.	26 PHILHOWER RD,TEWKSBURY TWP	31	1.01	165353.9	3.796004	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_11	1024	BLASIO, MARIA GRAZIA	60 PHILHOWER RD,TEWKSBURY TWP	31	11	342804.2	7.869702	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_12	1024	BIEDRON, GRETCHEN JOHNSON	47 WATER ST, TEWKSBURY TWP	31	12	1454904	33.4	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	11/13/2013	JH KEARNEY						
1024_31_13	1024	JEFFREY, WENDELL T & ALEC D KARROS	317 MAIN ST-MOUNTAINVILLE,TEWKSBURY TWP	31	13	115686.5	2.655798	TEWKSBURY TWP	HUNTERDON	Non_Residential	Preservation	REPAIR	8/12/2015	FRANK F APGAR AND SONS						
1024_31_14	1024	MURE, MICHAEL A/LINDA S	315 MAIN ST-MOUNTAINVILLE,TEWKSBURY TWP	31	14	24366.02	0.559367	TEWKSBURY TWP	HUNTERDON	Non_Residential	Preservation										
1024_31_15	1024	STEIN, GLENN L & ANDREA G	309 MAIN ST-MOUNTAINVILLE,TEWKSBURY TWP	31	15	20454.11	0.469562	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_15.01	1024	HEURICH, CHARLES & CHRISTIANE OWREN	311 MAIN ST-MOUNTAINVILLE,TEWKSBURY TWP	31	15.01	33094.31	0.759741	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_15.02	1024	CIOLETTI, PAUL	307 MAIN ST-MOUNTAINVILLE,TEWKSBURY TWP	31	15.02	17102.78	0.392626	TEWKSBURY TWP	HUNTERDON	Non_Residential	Preservation	REPAIR; AL	12/22/2015; 7/21/201	A.A FRANKENFIELD CONTRACTING; ENGINEERING AND LAND PLANNING						
1024_31_16	1024	GALBRAITH, MARK S & TERRY A	305 MAIN ST-MOUNTAINVILLE,TEWKSBURY TWP	31	16	12314.35	0.282699	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_17	1024	SANSOM, PETER M & KATE	303 MAIN ST-MOUNTAINVILLE,TEWKSBURY TWP	31	17	75036.14	1.722593	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	7/17/2017	KURT HOFFMAN						
1024_31_18	1024	KNAGENHJELM, NILS & LINDA WELLBROOK	301 MAIN ST-MOUNTAINVILLE,TEWKSBURY TWP	31	18	54423.89	1.249401	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_2	1024	CIRILLO, GERALD A	28 PHILHOWER RD,TEWKSBURY TWP	31	2	40588.12	0.931775	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_21	1024	KYBERD, ANTHONY & MARION	49 WATER ST,TEWKSBURY TWP	31	21	71387.92	1.638841	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	6/13/2013	HERCULES						
1024_31_22.01	1024	HANSON, VIVIAN L	45 WATER ST,TEWKSBURY TWP	31	22.01	76076.24	1.74647	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_24	1024	RISSE, AXEL & SYLVIA	4 POTTER LN, TEWKSBURY TWP	31	24	268765.2	6.17	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	9/15/2015	BAYER-RISSE ENGINEERING						
1024_31_24.02	1024	BEVERIDGE, THOR J & CYNTHIA A	3 POTTER LN,TEWKSBURY TWP	31	24.02	137159	3.148737	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	7/10/2017; 11/27/201	KURT HOFFMAN; E & LP						
1024_31_24.05	1024	LISKA, STEPHEN TRUSTEE	6 POTTER LN,TEWKSBURY TWP	31	24.05	310179.7	7.120746	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_24.08	1024	AGOPIAN, SIROUN & PETER NGUYEN	5 POTTER LN,TEWKSBURY TWP	31	24.08	137735.3	3.161968	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_25	1024	LAUEZZARI, MARGIT	31 WATER ST,TEWKSBURY TWP	31	25	83926.73	1.926693	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	NEW	4/23/2012	RONALD KENNEDY						
1024_31_26	1024	3 LONGVIEW ROAD LLC C/O J GARCES	3 LONG VIEW RD,TEWKSBURY TWP	31	26	33013.8	0.757892	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	7/9/2015	BAYER-RISSE ENGINEERING						
1024_31_27	1024	VRABEL STEVE & ROSE	7 LONG VIEW RD,TEWKSBURY TWP	31	27	40063.18	0.919724	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_28	1024	POWERS, DAVID & GWENDOLYN	15 LONG VIEW RD,TEWKSBURY TWP	31	28	283843.9	6.51616	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_29	1024	MARTINICO, JEANNIE	17 LONG VIEW RD,TEWKSBURY TWP	31	29	24049.64	0.552104	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_3	1024	ROSSITER, LAURA MISCHE	30 PHILHOWER RD,TEWKSBURY TWP	31	3	184498.9	4.235512	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_31	1024	KOESTER, ANTHONY E / LORI S	27 LONG VIEW RD,TEWKSBURY TWP	31	31	134060.3	3.0776	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	10/18/2016	RICK BEAVERS EXCAVATING						
1024_31_31.01	1024	DEFABRIZIO, MICHAEL	25 LONG VIEW RD,TEWKSBURY TWP	31	31.01	121411.3	2.787219	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_32	1024	DELLY, FRANCIS V	29 LONG VIEW RD,TEWKSBURY TWP	31	32	131366.4	3.015758	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	5/28/2015	RBZ ENTERPRISES						
1024_31_33	1024	GLENNON, ROSEMARY &DANIEL MUSACCHIO	33 LONG VIEW RD,TEWKSBURY TWP	31	33	184034.4	4.224849	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	7/31/2017	HOCK EXCAVATING						
1024_31_33.01	1024	ZACKIN, RICHARD S & PATRICIA M SHEA	31 LONG VIEW RD,TEWKSBURY TWP	31	33.01	127769.9	2.933193	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_34	1024	JARVIS, MARTHA A	11 LONG VIEW RD,TEWKSBURY TWP	31	34	20050.69	0.460301	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	11/10/2015	KURT HOFFMAN						
1024_31_4	1024	WIDTH, NICOLE / BLAKE C	32 PHILHOWER RD,TEWKSBURY TWP	31	4	227769.7	5.228872	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_5	1024	MURRAY, ANTHONY & CHRISTINE	36 PHILHOWER RD,TEWKSBURY TWP	31	5	147897.9	3.395268	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_6	1024	GULBRANDSEN, PEDER L	38 PHILHOWER RD,TEWKSBURY TWP	31	6	333188.3	7.648951	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_7	1024	SALVATO, PHYLLIS	46 PHILHOWER RD,TEWKSBURY TWP	31	7	224861.1	5.1621	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_7.02	1024	KLUESENER, DENNIS & SHIRLEY	40 PHILHOWER RD,TEWKSBURY TWP	31	7.02	282756.9	6.491205	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_7.03	1024	BECKER, STEVEN & SUSAN	48 PHILHOWER RD,TEWKSBURY TWP	31	7.03	159949.7	3.671941	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_7.05	1024	CHIARELLA, LUCIA & MICHELE	42 PHILHOWER RD,TEWKSBURY TWP	31	7.05	152604.3	3.503314	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_8	1024	CZAJKOWSKI SHIRLEY A	54 PHILHOWER RD,TEWKSBURY TWP	31	8	278887	6.402366	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_31_9	1024	SUMMERFIELD, GRAHAM & FRANCINE	56 PHILHOWER RD,TEWKSBURY TWP	31	9	195974.3	4.498951	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	9/3/2014	STEPHEN PARKER						
1024_32.01_1	1024	MUSCATIELLO, MICHAEL / SUSAN	5 OLD MINE RD,TEWKSBURY TWP	32.01	1	144749.9	3.322999	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	5/25/2016	CLARK KUHAR						
1024_32.01_2	1024	MCCAULEY, RONALD J & SHIRLEY T	7 OLD MINE RD,TEWKSBURY TWP	32.01	2	128909.7	2.959359	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32.01_3	1024	HANNON, EDWARD/NOEL	9 OLD MINE RD,TEWKSBURY TWP	32.01	3	127436.1	2.925531	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32.01_4	1024	MILAM, MARK S & CHRISTINE	11 OLD MINE RD,TEWKSBURY TWP	32.01	4	126210.8	2.897402	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32.01_5	1024	HANNON, LARRY / LAUREL	15 OLD MINE RD,TEWKSBURY TWP	32.01	5	122646.5	2.815576	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32.01_6	1024	DEPAOLA, THOMAS A & THERESA A	17 OLD MINE RD,TEWKSBURY TWP	32.01	6	145477.9	3.339714	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	3/6/2015	KURT HOFFMAN						
1024_32.01_7	1024	SAUDER, DONALD W / EDITH D	19 OLD MINE RD,TEWKSBURY TWP	32.01	7	137291.4	3.151777	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_1	1024	COKESBURY UNITED METHODIST CHURCH	230 COKESBURY RD,TEWKSBURY TWP	32	1	99910.54	2.29363	TEWKSBURY TWP	HUNTERDON	Non_Residential	Preservation										
1024_32_11	1024	ANDERSON, GEORGE B JR & MEGHAN A	139 ROCKAWAY RD, TEWSBURY TWP	32	11	352836	8.1	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	11/13/2018	EARTHCARE						
1024_32_12.01	1024	SICK, MICHAEL J & MOLLY BARRETT	149 ROCKAWAY RD,TEWKSBURY TWP	32	12.01	268540.4	6.16484	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_12.02	1024	BREEN, EDWARD & CAREN SIEBERT	141 ROCKAWAY RD,TEWKSBURY TWP	32	12.02	130313.2	2.991579	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_12.03	1024	SMITH, SYLVIA A	143 ROCKAWAY RD,TEWKSBURY TWP	32	12.03	110256.2	2.531135	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	10/21/2013	KURT HOFFMAN ENGINEERING, LLC						
1024_32_12.04	1024	GAMBALE, ANTHONY J & MARYANN	145 ROCKAWAY RD,TEWKSBURY TWP	32	12.04	154515.5	3.547188	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR; RE	7/5/2016; 10/13/201	BEDMINSTER; A.S.MIKKOWSKI & SONS						
1024_32_12.05	1024	THOMAS, KAREN H	147 ROCKAWAY RD,TEWKSBURY TWP	32	12.05	140681.3	3.229598	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_13	1024	ANDERSON, GEORGE SR & GRETA	153 ROCKAWAY RD,TEWKSBURY TWP	32	13	33992.6	0.780363	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_14	1024	MURRAY, SHANNON J	304 MAIN ST-MOUNTAINVILLE,TEWKSBURY TWP	32	14	20512.69	0.470907	TEWKSBURY TWP	HUNTERDON	Non_Residential	Preservation										
1024_32_16	1024	YANNOTTI, STEPHEN & ROSE	300 MAIN ST-MOUNTAINVILLE,TEWKSBURY TWP	32	16	13471.84	0.309271	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_17	1024	LOUGHLIN, JOHN P & ANNE S	68 WATER ST,TEWKSBURY TWP	32	17	109092.3	2.504415	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_18	1024	SMITH SHARON K	4 MAIN ST-MOUNTAINVILLE,TEWKSBURY TWP	32	18	108257.5	2.485249	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_32_18.01	1024	DUJACK, RAYMOND L & LINDA TRUSTEES	1 SCHOOLHOUSE LN,TEWKSBURY TWP	32	18.01	47770.78	1.096666	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	8/11/2016	BRINKERHOFF ENTERPRISES							
1024_32_18.02	1024	RICHARDSON WILLIAM M JR	3 SCHOOLHOUSE LN,TEWKSBURY TWP	32	18.02	84135.32	1.931481	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_21	1024	REITTER, GEORGE & CAROLYN	58 WATER ST,TEWKSBURY TWP	32	21	127093.8	2.917672	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	7/17/2017	PARKER ENGINEERING							
1024_32_21.01	1024	FIORILLO, MICHAEL & ELIZABETH	8 SCHOOLHOUSE LN,TEWKSBURY TWP	32	21.01	174733.6	4.011331	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_21.02	1024	CUTLER, BRUCE & INGRID HUSTVEDT	10 SCHOOLHOUSE LN,TEWKSBURY TWP	32	21.02	142178.2	3.263962	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_21.04	1024	MESSINA, CATHERINE	56 WATER ST,TEWKSBURY TWP	32	21.04	123762.3	2.841192	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_21.06	1024	MAYER, WALTER P & SELMA A	6 SCHOOLHOUSE LN,TEWKSBURY TWP	32	21.06	165098.4	3.790137	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_22.02	1024	VEST, NANCY J	5 SCHOOLHOUSE LN,TEWKSBURY TWP	32	22.02	218525.5	5.016656	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_22.03	1024	TEVEBAUGH, JOHN & ANNE PALASZEWSKI	7 SCHOOLHOUSE LN,TEWKSBURY TWP	32	22.03	218790	5.022727	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_24	1024			32	24			TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	4/22/2016	PARKER ENGINEERING							
1024_32_25.03	1024	ANTHONAVAGE, MICHAEL & ZARELA	52 WATER ST,TEWKSBURY TWP	32	25.03	189688.7	4.354654	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_26	1024	POVALSKI HENRY S & CATHERINE/ETALS	46 WATER ST,TEWKSBURY TWP	32	26	20033.28	0.459901	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_27	1024	MACARTHUR CRAIG & JUDITH LYNN	44-A WATER ST,TEWKSBURY TWP	32	27	61379.16	1.409072	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_28	1024	DELEN ASSOCIATES LLC	44 WATER ST,TEWKSBURY TWP	32	28	25131.19	0.576933	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	7/16/2013	JOHN KEARNEY							
1024_32_29	1024	CARUSO, EDMUND M & RITA	38 WATER ST,TEWKSBURY TWP	32	29	344868	7.91708	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_29.01	1024	JAMES, GREGORY G & HOPE A KAUFMAN	42 WATER ST,TEWKSBURY TWP	32	29.01	248060.6	5.694687	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	PARKER EN	3/8/2012	ALTERATION							
1024_32_29.02	1024	CURRY, DANIEL	40 WATER ST,TEWKSBURY TWP	32	29.02	286418.1	6.575255	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_29.03	1024	WOLSKI, KENNETH P MD & JOHANNA Y	40-A WATER ST,TEWKSBURY TWP	32	29.03	515507	11.83441	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_3	1024	LEUNG, MARILYN C & EDWARD S	216 COKESBURY RD,TEWKSBURY TWP	32	3	125854.5	2.889222	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_3.01	1024	SHANNEY, JAMES M / DEBORAH LUMIA	102 BISSELL RD,TEWKSBURY TWP	32	3.01	133361.7	3.061564	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_3.02	1024	WENTWORTH, ERIC & SUSAN	100 BISSELL RD,TEWKSBURY TWP	32	3.02	143755.9	3.300181	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_3.03	1024	LEIDNER, ANTON	98 BISSELL RD,TEWKSBURY TWP	32	3.03	137979.9	3.167582	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_3.04	1024	KALLSTROM, MARY	202 COKESBURY RD,TEWKSBURY TWP	32	3.04	221201.7	5.078091	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_3.05	1024	TRAVERS, MARY & KAREN C MURPHEY	204 COKESBURY RD,TEWKSBURY TWP	32	3.05	173638.6	3.986194	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	6/22/2017	KURT HOFFMAN							
1024_32_3.06	1024	WESTER, PETER H	206 COKESBURY ROAD,TEWKSBURY TWP	32	3.06	164796.7	3.783212	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_3.07	1024	SCHMIDT DAYNA & DALE	208 COKESBURY RD,TEWKSBURY TWP	32	3.07	146902	3.372406	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_3.08	1024	COLLAZO, LUIS A & MARGARET	210 COKESBURY RD,TEWKSBURY TWP	32	3.08	130361.7	2.992694	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_3.09	1024	ROJEWSKI, ROBERT / BETH	212 COKESBURY RD,TEWKSBURY TWP	32	3.09	147238.4	3.380128	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_3.10	1024	KIRCHIN, GEORGE & JOYCE	214 COKESBURY RD,TEWKSBURY TWP	32	3.1	139027.6	3.191635	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_30	1024	THEOPHILOS HARRY & MICHAEL	36 WATER ST,TEWKSBURY TWP	32	30	322195.6	7.396593	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	8/16/2016	KURT HOFFMAN							
1024_32_31	1024	HILL, JONATHAN A & MEGUMI K	34 WATER ST,TEWKSBURY TWP	32	31	159764.4	3.667686	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	1/4/2016	STEPHEN PARKER							
1024_32_32	1024	GARRETT, CHARLES III/PAMELA BRAUSE	32 WATER ST,TEWKSBURY TWP	32	32	144091.6	3.307889	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_32.01	1024	MAHALICK, DAVID M & ISABEL A LERMAN	30 WATER ST,TEWKSBURY TWP	32	32.01	256963.6	5.899072	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_33	1024	WOLLMER, STEFFEN/WIETERS, SUSAN J	20 WATER ST,TEWKSBURY TWP	32	33	34784.25	0.798536	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_34	1024	WINTER, BRUCE K & ELIZABETH R	24-A WATER ST,TEWKSBURY TWP	32	34	7893.449	0.181209	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.01	1024	DISCOUNT, SCOTT COLE	222 COKESBURY RD,TEWKSBURY TWP	32	37.01	137467.7	3.155823	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.02	1024	THORSTEN, NEAL H. & LIANA M.	232 COKESBURY RD,TEWKSBURY TWP	32	37.02	75920.07	1.742885	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.03	1024	CARTER, EVELYN L	2 WATER STREET,TEWKSBURY TWP	32	37.03	75722.43	1.738348	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.04	1024	CATANESE, ANTHONY J & BETTY S	16 WATER ST,TEWKSBURY TWP	32	37.04	135803.9	3.117629	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	7/13/2018	TRI COUNTY							
1024_32_37.05	1024	RYERSON, JANET G/JENNIFER L SHEARER	18 WATER ST,TEWKSBURY TWP	32	37.05	85405.59	1.960642	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.06	1024	PETERS, JOHN R	14 WATER ST,TEWKSBURY TWP	32	37.06	122659.3	2.81587	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.07	1024	LYONS, MARK J & DONNA C	12 WATER ST,TEWKSBURY TWP	32	37.07	137006.7	3.145242	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.08	1024	ACKERMAN, JONATHAN P / LESLIE S	10 WATER ST,TEWKSBURY TWP	32	37.08	144034.2	3.306569	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.09	1024	CHRISTIAN, BRYAN & ALLISON	4 WATER ST,TEWKSBURY TWP	32	37.09	276981.8	6.358627	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	9/5/2014	TOBY BARKMAN EXCAVATING							
1024_32_37.10	1024	POMPEO, DAWN M/MAUREEN PHAIR	8 WATER ST,TEWKSBURY TWP	32	37.1	142006.1	3.26001	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.11	1024	THOMPSON, ARTHUR J & PAMELA A	6 WATER ST,TEWKSBURY TWP	32	37.11	258525.5	5.934929	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.12	1024	SCUDERI, RICHARD & JOHN J LEAHY	22 WATER ST,TEWKSBURY TWP	32	37.12	199739.8	4.585396	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.13	1024	CEDERROTH, CHARLES E & SANDRA F	24 WATER ST,TEWKSBURY TWP	32	37.13	254026.2	5.831638	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.14	1024	LIBRO, DANIEL & LISA	224 COKESBURY RD,TEWKSBURY TWP	32	37.14	136531.6	3.134335	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.15	1024	SAMSON, GENEVIEVE	226 COKESBURY RD,TEWKSBURY TWP	32	37.15	140507.8	3.225616	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.16	1024	CAILLES, JANISSE M	1 OLD MINE RD,TEWKSBURY TWP	32	37.16	139886.2	3.211345	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.17	1024	FALLONE GROUP LLC	2 OLD MINE RD,TEWKSBURY TWP	32	37.17	124486.6	2.857818	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.18	1024	BULCHA, BISRAT & CECILIE	4 OLD MINE RD,TEWKSBURY TWP	32	37.18	116613.2	2.677071	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.19	1024	KARNAUGH, RONALD / ANDREEA	6 OLD MINE RD,TEWKSBURY TWP	32	37.19	120420.9	2.764483	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	10/17/2014	FRANK F. APGAR & SONS							
1024_32_37.20	1024	FEULNER, ROBERT E & FRANCESCA	8 OLD MINE RD,TEWKSBURY TWP	32	37.2	121616.9	2.791939	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.21	1024	SHAHANI, PRAKASH W / SHOBHA P	10 OLD MINE RD,TEWKSBURY TWP	32	37.21	124510.9	2.858377	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.22	1024	TESTA, DOUGLAS & ROSEMARY	12 OLD MINE RD,TEWKSBURY TWP	32	37.22	146052.9	3.352913	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.23	1024	O'NEIL, MICHAEL & JULIE	14 OLD MINE RD,TEWKSBURY TWP	32	37.23	159568.1	3.663179	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.24	1024	FISCHER, JOHN F & KATHLEEN O	16 OLD MINE RD,TEWKSBURY TWP	32	37.24	198710.8	4.561773	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.25	1024	REDDINGTON, THOMAS	18 OLD MINE RD,TEWKSBURY TWP	32	37.25	235086.7	5.396847	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.26	1024	SMITH, PAUL G & KAREN V	20 OLD MINE RD,TEWKSBURY TWP	32	37.26	164041.4	3.765872	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.27	1024	DIEHL, GLEN M & ELLEN R	22 OLD MINE RD,TEWKSBURY TWP	32	37.27	122206.4	2.805473	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.28	1024	DELUCCIA, JAMES M JR & DEBORAH J	24 OLD MINE RD,TEWKSBURY TWP	32	37.28	124609.7	2.860646	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.29	1024	SEBASTIANO, JOHN M & LAURIE L	26 OLD MINE RD,TEWKSBURY TWP	32	37.29	127042.5	2.916495	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.30	1024	MUNOZ, SAMUEL A/SULEYKA E	28 OLD MINE RD,TEWKSBURY TWP	32	37.3	129847.6	2.980891	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.31	1024	APREA, RAECHEL & DENNIS C	30 OLD MINE RD,TEWKSBURY TWP	32	37.31	210803	4.839372	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.32	1024	EDELSON, JOSHUA M & LAURA M	32 OLD MINE RD,TEWKSBURY TWP	32	37.32	128079.9	2.940311	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.33	1024	WIROSTKO, BARBARA	34 OLD MINE RD,TEWKSBURY TWP	32	37.33	121804.5	2.796246	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	4/26/2016	ROBERT LAFERRARA							
1024_32_37.34	1024	VERHOEST, GERALD B & LINDA	36 OLD MINE RD,TEWKSBURY TWP	32	37.34	118661	2.724081	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_37.35	1024	COLEMAN, DOUGLAS J & LINDA A	38 OLD MINE RD,TEWKSBURY TWP	32	37.35	130005.1	2.984506	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_39	1024	MADDEN, THOMAS & DOROTHY D	4 WOODEDGE RD,TEWKSBURY TWP	32	39	144330.2	3.313366	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_4	1024	WAIS, EDITH F TRUSTEE	96 BISSELL RD,TEWKSBURY TWP	32	4	111726	2.564876	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	NEW	10/9/2018	BAYER-RISSE							
1024_32_40	1024	LYNCH, THOMAS JR & PAMELA ELIZABETH	4 APGAR WAY,TEWKSBURY TWP	32	40	119391.2	2.740844	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	3/31/2017	COPPOLA SERVICES							

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_32_41	1024	ZHONG, ZHONG / XIN FAN	6 APGAR WAY,TEWKSBURY TWP	32	41	146187.8	3.356009	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_42	1024	HAHN, EDUARD J & MARIBEL V BARTON	8 APGAR WAY,TEWKSBURY TWP	32	42	125117.9	2.872312	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_43	1024	HAMILTON, GLENN / SHANNON	10 APGAR WAY,TEWKSBURY TWP	32	43	137083.3	3.146999	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_44	1024	STANDLEY, JOHN G & ANNE L	12 APGAR WAY,TEWKSBURY TWP	32	44	140319.7	3.221296	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_45	1024	KEEGAN, JOHN J & ANNE E	7 APGAR WAY,TEWKSBURY TWP	32	45	185920.1	4.268139	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_46	1024	LUCHA, JAN WYATT- TRUSTEE	5 APGAR WAY,TEWKSBURY TWP	32	46	128669.5	2.953846	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_47	1024	BONAVENTURA, DR LISA M	3 APGAR WAY,TEWKSBURY TWP	32	47	135549.9	3.111797	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_48	1024	HARP, MICHAEL J & DARCIA C	6 WOODEDGE RD,TEWKSBURY TWP	32	48	137550.5	3.157724	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_49	1024	CARRONE, ANTHONY / MICHELE	8 WOODEDGE RD,TEWKSBURY TWP	32	49	140547.6	3.226528	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REDESIGN	7/24/2018	KURT HOFFMAN							
1024_32_50	1024	MORTENSEN, MARK A & IRENE G	7 WOODEDGE RD,TEWKSBURY TWP	32	50	165086.4	3.789862	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	12/9/2015	HERCULES SEPTIC							
1024_32_51	1024	HAHN, ROBERT & KAREN TRUST	5 WOODEDGE RD,TEWKSBURY TWP	32	51	134133.7	3.079286	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_52	1024	HELD, NANCY L	3 WOODEDGE RD,TEWKSBURY TWP	32	52	127939.4	2.937085	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	10/17/2012	ERICA BUSCH							
1024_32_53	1024	LORD, DAVID R & KATHLEEN A	1 WOODEDGE RD,TEWKSBURY TWP	32	53	128932.4	2.959882	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_54	1024	GILMARTIN, ANDREW P & JOCELYN H	2 WOODEDGE RD,TEWKSBURY TWP	32	54	137129.1	3.148052	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	11/15/2012	FRANK APGAR & SONS							
1024_32_7.01	1024	SHAHZAD, AMRIT	46 STILL HOLLOW RD,TEWKSBURY TWP	32	7.01	211743.8	4.860968	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_7.02	1024	WALSH, BRIDGET H	76 BISSELL RD,TEWKSBURY TWP	32	7.02	157201.5	3.60885	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_7.03	1024	LIEBLER, ERIC & NICOLE	36 STILL HOLLOW RD,TEWKSBURY TWP	32	7.03	130876	3.0045	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_7.04	1024	MCGRATH, THOMAS & NICOLE	80 BISSELL RD,TEWKSBURY TWP	32	7.04	166213.4	3.815735	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REDESIGN	10/18/2012	CIVIL ENGINEERING							
1024_32_7.05	1024	TETTAMBEL, JOHATHAN E & KIMBERLY	78 BISSELL RD,TEWKSBURY TWP	32	7.05	164691.6	3.780799	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REDESIGN	7/22/2013	CIVIL ENGINEERING							
1024_32_7.06	1024	PORTALATIN, MARIA V & DEREK EVANS	44 STILL HOLLOW RD,TEWKSBURY TWP	32	7.06	173853.1	3.991117	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_7.07	1024	DICKISON, DOUGLAS D / ROSEMARIE P	42 STILL HOLLOW RD,TEWKSBURY TWP	32	7.07	143822.9	3.301719	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	11/7/2018	BAYER-RISSE							
1024_32_7.08	1024	PURI, NAVNETT & REEMA	40 STILL HOLLOW RD,TEWKSBURY TWP	32	7.08	279114.1	6.407579	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REDESIGN	1/2/2013	CIVIL ENGINEERING, INC.							
1024_32_7.09	1024	DEO, MICHAEL & SYLVIA	38 STILL HOLLOW RD,TEWKSBURY TWP	32	7.09	236358.7	5.426049	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	NEW	2/19/2014	CIVIL ENGINEERING							
1024_32_7.10	1024	O'SULLIVAN, TIMOTHY F / SUSAN R	3 HALSEY FARM RD,TEWKSBURY TWP	32	7.1	133296	3.060056	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_7.11	1024	BARISH, ROBERT & LAURIEL TRUSTEES	5 HALSEY FARM RD,TEWKSBURY TWP	32	7.11	130697.3	3.000397	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_7.12	1024	DUNPHY, STACEY P & JOHN E	7 HALSEY FARM RD,TEWKSBURY TWP	32	7.12	130628.7	2.998823	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_7.13	1024	WEISS, LEON / ANGELA	9 HALSEY FARM RD,TEWKSBURY TWP	32	7.13	165943.8	3.809545	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_7.14	1024	VERNICK, JONATHAN R & LORI A	10 HALSEY FARM RD,TEWKSBURY TWP	32	7.14	198596.8	4.559155	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_7.15	1024	KNOWLES, WESTON & CYNTHIA	8 HALSEY FARM RD,TEWKSBURY TWP	32	7.15	190110.8	4.364344	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_7.16	1024	FALLONE, JOHN P & DANIELLE	6 HALSEY FARM RD,TEWKSBURY TWP	32	7.16	130683.4	3.000079	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REDESIGN	11/7/2013	JAMES J. MANTZ							
1024_32_7.17	1024	PAINI, SUSAN R	4 HALSEY FARM RD,TEWKSBURY TWP	32	7.17	130681.1	3.000026	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_7.18	1024	BRATHWAITE, LEE / LAURA	2 HALSEY FARM RD,TEWKSBURY TWP	32	7.18	130756.6	3.001759	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_8	1024	OBERCIAN, SUSAN R INTERVIVOS TRUST	26 STILL HOLLOW RD,TEWKSBURY TWP	32	8	230953	5.301952	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_8.01	1024	CASO ANDREA	28 STILL HOLLOW RD,TEWKSBURY TWP	32	8.01	276094.8	6.338265	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_32_8.02	1024	SZOT, KAROL J. & JANIE	30 STILL HOLLOW RD,TEWKSBURY TWP	32	8.02	143147.6	3.286217	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_1	1024	READING, DAVID R	97 BISSELL RD,TEWKSBURY TWP	33	1	40201.85	0.922907	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_11	1024	HOFMANN, MICHELLE	101 DEER HILL RD,TEWKSBURY TWP	33	11	187089.4	4.294982	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_11.01	1024	JAVORSKY, GARY M	99 DEER HILL RD,TEWKSBURY TWP	33	11.01	124588.5	2.860159	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	8/13/2013	TRI COUNTY SEPTIC							
1024_33_13	1024	BERGMAN, ELI / ANDREA S	93 DEER HILL RD,TEWKSBURY TWP	33	13	44295.78	1.016891	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_14	1024	CORNELISON, CRAIG N & JOAN S	91 DEER HILL RD,TEWKSBURY TWP	33	14	47001.73	1.079011	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_15	1024	WEIBERTH, OTTO & HOY, SANDRA	87 DEER HILL RD,TEWKSBURY TWP	33	15	43845.07	1.006544	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	4/9/2013	KURT HOFFMAN							
1024_33_16	1024	MOORE, IRIS D.	85 DEER HILL RD,TEWKSBURY TWP	33	16	46707.74	1.072262	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	10/18/2017	BAYER RISSE							
1024_33_2	1024	LUCIANO, ROBERT A & LORRAINE C	95 BISSELL RD,TEWKSBURY TWP	33	2	225828.7	5.184313	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_21	1024	WORK, NANCY LEE	19 STILLERY RD,TEWKSBURY TWP	33	21	475057.3	10.90582	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_24	1024	DUNCAN, MARK & STACEY	186 COKESBURY RD,TEWKSBURY TWP	33	24	187948.6	4.314707	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_25	1024	BELT, LAVANE C / JOAN A RAVASY	188 COKESBURY RD,TEWKSBURY TWP	33	25	174949.4	4.016285	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_26	1024	DEUTSCH, ANNAMARIE	190 COKESBURY RD,TEWKSBURY TWP	33	26	69764.9	1.601582	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_27	1024	MCDOWELL,DORIS	192 COKESBURY RD,TEWKSBURY TWP	33	27	83522.27	1.917408	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_28	1024	HORN, DANIEL	83 BISSELL RD,TEWKSBURY TWP	33	28	167889.6	3.854215	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_3	1024	LANGMAN, COLIN K	93 BISSELL RD,TEWKSBURY TWP	33	3	452390.4	10.38545	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_3.01	1024	WHITTY, THOMAS A	93-A BISSELL RD,TEWKSBURY TWP	33	3.01	176818.2	4.059187	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_4	1024	NATALE, SALVATORE M & ROBERTA M	91 BISSELL RD,TEWKSBURY TWP	33	4	46429.38	1.065872	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_5	1024	SAVAGE, ROBERT J / ROBIN Y	89 BISSELL RD,TEWKSBURY TWP	33	5	199680	4.584022	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.01	1024	KUDLICH, JOHN K & ETAL	61 BISSELL RD,TEWKSBURY TWP	33	7.01	124490.7	2.857914	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.02	1024	PAGE, NAOMI R	63 BISSELL RD,TEWKSBURY TWP	33	7.02	133611.8	3.067306	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.03	1024	OLESEN, MORTON & VIBEKE TRUSTEES	1 JEFFREY CT,TEWKSBURY TWP	33	7.03	132908.8	3.051166	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.04	1024	CARRAR, LEON / ANGELA	3 JEFFREY CT,TEWKSBURY TWP	33	7.04	133352.3	3.061348	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.05	1024	MCGREGOR, NANCY	6 JEFFREY CT,TEWKSBURY TWP	33	7.05	141495	3.248279	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.06	1024	CAMPAGNA, JOHN & MARIANNE	4 JEFFREY COURT,TEWKSBURY TWP	33	7.06	135132	3.102203	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.07	1024	SUMMERFIELD, GRAHAM H & FRANCINE A	67 BISSELL RD,TEWKSBURY TWP	33	7.07	135143.9	3.102478	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.08	1024	BISHOP, FLOYD T JR EST	69 BISSELL RD,TEWKSBURY TWP	33	7.08	131122	3.010148	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.09	1024	ZARRA, DAVID & CHERYL	73 BISSELL RD,TEWKSBURY TWP	33	7.09	130013.4	2.984698	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.10	1024	ROTHMAN, JOHN M & PATRICIA J	77 BISSELL RD,TEWKSBURY TWP	33	7.1	132341.5	3.038144	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.11	1024	TAYLOR, CHARLES H & LAURIENE	79 BISSELL RD,TEWKSBURY TWP	33	7.11	135527.1	3.111274	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.14	1024	VAN VOLKENBURGH, MARIANNE	1 STILLERY RD,TEWKSBURY TWP	33	7.14	140921.4	3.235111	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.15	1024	JULIANO-VILLANI, ROBERT & MICHELE	3 STILLERY RD,TEWKSBURY TWP	33	7.15	130935.6	3.005867	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.16	1024	FUERST, DAVID M & JILL S	5 STILLERY RD,TEWKSBURY TWP	33	7.16	148133	3.400666	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.17	1024	HOLLOWAY, GARY / COIRO, MICHAEL	7 STILLERY RD,TEWKSBURY TWP	33	7.17	130947.4	3.006138	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.18	1024	SHEFT, STANLEY A	9 STILLERY RD,TEWKSBURY TWP	33	7.18	132054.8	3.031561	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.19	1024	RODDY, JOHN & LISA	11 STILLERY RD,TEWKSBURY TWP	33	7.19	130976.9	3.006815	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.20	1024	VISCO, HENRY & PATRICIA	15 STILLERY RD,TEWKSBURY TWP	33	7.2	133560.7	3.066131	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.21	1024	BRODY, MARK & ALANNA	17 STILLERY RD,TEWKSBURY TWP	33	7.21	271932.3	6.242706	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.22	1024	ALTHOFF,JAMES TODD / LAUREN B	14 STILLERY RD,TEWKSBURY TWP	33	7.22	152436.6	3.499463	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_33_7.23	1024	O'HARA, STEVEN J & DEBRA M	12 STILLERY RD,TEWKSBURY TWP	33	7.23	131152.4	3.010845	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.24	1024	GALLAGHER, MARYANN S TRUST	10 STILLERY RD,TEWKSBURY TWP	33	7.24	465528.1	10.68706	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.25	1024	DEVINE, DANIEL F & MARIA A	6 STILLERY RD,TEWKSBURY TWP	33	7.25	217564	4.994582	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_7.26	1024	BIROTTE, PATRICK FAMILY TRUST	71 BISSELL RD,TEWKSBURY TWP	33	7.26	130780.5	3.002306	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_8	1024	SIPOS, TIBOR & ELIZABETH J	75 BISSELL RD,TEWKSBURY TWP	33	8	90934.69	2.087573	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_9	1024	STAZZONE, MICHAEL J & NANCY J	59-A BISSELL RD,TEWKSBURY TWP	33	9	124293.3	2.853382	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_33_9.01	1024	PAGE, GRACE F G & JEFFREY S	59 BISSELL RD,TEWKSBURY TWP	33	9.01	129896.3	2.982009	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_1	1024	HYDE, SANDRA	33 STILL HOLLOW RD	34	10	261360	6	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	NEW	1/27/2012	CIVIL ENGINEERING							
1024_34_11	1024	NEW JERSEY WATER SUPPLY AUTHORITY	99 ROCKAWAY RD,TEWKSBURY TWP	34	11	15381.11	0.353102	TEWKSBURY TWP	HUNTERDON	Non_Residential	Preservation										
1024_34_13	1024	LENSBORN, SEAN E/VALERIE S	34 BISSELL RD,TEWKSBURY TWP	34	13	410955.3	9.434236	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_13.01	1024	NEWELL, JOHN TIMOTHY	20 MEADOW LN,TEWKSBURY TWP	34	13.01	141615.8	3.25105	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_13.02	1024	REITER, RICHARD T & JILL A	42 BISSELL RD,TEWKSBURY TWP	34	13.02	145758.7	3.34616	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_13.03	1024	CUDZYNOWSKI, JOSEPH L & BARBARA A	40 BISSELL RD,TEWKSBURY TWP	34	13.03	140370.9	3.222473	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	9/26/2018	J.K. HOFFMAN & SON							
1024_34_13.04	1024	SHAPIRO, BRUCE L & ELIZABETH C	38 BISSELL RD,TEWKSBURY TWP	34	13.04	178855.9	4.105966	TEWKSBURY TWP	HUNTERDON	Non_Residential	Preservation										
1024_34_13.06	1024	ROBERTS, LISA H	24 MEADOW LN,TEWKSBURY TWP	34	13.06	217865	5.001493	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_13.07	1024	GUPKO, MICHAEL B & DIANE H	22 MEADOW LN,TEWKSBURY TWP	34	13.07	208446.1	4.785264	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	1/7/2016	ROBERT SALVATORI							
1024_34_13.08	1024	LOCASCIO, SEBASTIAN & DIANE	36 BISSELL RD,TEWKSBURY TWP	34	13.08	296305.3	6.802234	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_14	1024	SHULMAN, JASON & ARLENE	28 MEADOW LN,TEWKSBURY TWP	34	14	120295.8	2.761611	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_14.01	1024	KURYLAK VICTOR K / CYNTHIA A	26 MEADOW LN,TEWKSBURY TWP	34	14.01	197349.9	4.53053	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_15	1024	GREENE, MARK A/TERESA J	28 BISSELL RD,TEWKSBURY TWP	34	15	140812.1	3.232601	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	8/28/2015	FERRIERO ENGINEERING							
1024_34_15.01	1024	RAK, RONALD C	26 BISSELL RD,TEWKSBURY TWP	34	15.01	130327.4	2.991906	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_15.02	1024	SCHOOL SOLUTIONS LLC	30 MEADOW LN,TEWKSBURY TWP	34	15.02	131146.6	3.010712	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	6/6/2014	ERICA BUSCH							
1024_34_16	1024	MELFI, JAMES E & YVONNE	22 BISSELL RD,TEWKSBURY TWP	34	16	93259.76	2.140949	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_17	1024	SELVIG, ROBERT W	24 BISSELL RD,TEWKSBURY TWP	34	17	46436.96	1.066046	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_18	1024	NOE, SCOTT S & BARBARA A	30 BISSELL RD,TEWKSBURY TWP	34	18	35110.99	0.806037	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_19.02	1024	LFT HOLDINGS LLC	1 ALPAUGH FARM RD,TEWKSBURY TWP	34	19.02	163391.8	3.75096	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_19.03	1024	ANTONOPOULOUS, JOHN A & EVELYN H	3 ALPAUGH FARM RD,TEWKSBURY TWP	34	19.03	203281.1	4.666692	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_19.07	1024	WADE, MICHAEL / MARIE A STINSON	4 ALPAUGH FARM RD,TEWKSBURY TWP	34	19.07	166741.2	3.827851	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_19.11	1024	SIKORA, FREDERICK J & VERA	7 HEDGE ROW CROSSING,TEWKSBURY TWP	34	19.11	201747.9	4.631494	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_19.12	1024	GUARIGLIA, BARRY & LUCY	11 HEDGE ROW CROSSING,TEWKSBURY TWP	34	19.12	395949.1	9.089741	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_19.13	1024	POMERANTZ, GARY & COLLEEN INGARRA	10 HEDGE ROW CROSSING,TEWKSBURY TWP	34	19.13	230996.9	5.302958	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_19.14	1024	HAMMERMUELLER, KARL & CAROL	8 HEDGE ROW CROSSING,TEWKSBURY TWP	34	19.14	162355	3.727157	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_20	1024	CAFFREY & CAFFREY I LLC	60 BISSELL RD,TEWKSBURY TWP	34	20	139994	3.21382	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_20.01	1024	PAFTINOS, JANE	58 BISSELL RD,TEWKSBURY TWP	34	20.01	162453	3.729408	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_21	1024	URBAN, CHARLES M	64 BISSELL RD,TEWKSBURY TWP	34	21	197280.5	4.528936	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_22	1024	BONAPACE, LOUIS P, TRUSTEE	68 BISSELL RD,TEWKSBURY TWP	34	22	211683.2	4.859577	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_23	1024	GREENBERG, JORDAN / LARSON, TRUDY	70 BISSELL RD,TEWKSBURY TWP	34	23	136750.7	3.139364	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_23.01	1024	FOLEY, ROBERT W JR & MARIE C	43 STILL HOLLOW RD,TEWKSBURY TWP	34	23.01	152195.2	3.493921	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_23.02	1024	DICELLIS, THOMAS / KATHRYN	45 STILL HOLLOW RD,TEWKSBURY TWP	34	23.02	121121.2	2.78056	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_23.03	1024	MUNLEY, DEAN & CHERYL ALLEN	72 BISSELL RD,TEWKSBURY TWP	34	23.03	211992.1	4.866668	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_26	1024	HAGGERTY, BLAKE T	62 BISSELL RD,TEWKSBURY TWP	34	26	185983.7	4.269599	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_27	1024	CALLANDER, ROBERT J & MARILYN B	27 STILL HOLLOW RD,TEWKSBURY TWP	34	27	260207.3	5.973538	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_5	1024	WURST, JONATHAN S & MARY ANN	115 ROCKAWAY RD,TEWKSBURY TWP	34	5	21361.24	0.490387	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_34_7	1024	SHOEMAKER, STEPHEN M & APRIL L	111 ROCKAWAY RD,TEWKSBURY TWP	34	7	239135.8	5.489801	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_1	1024	GARSON, NONA M	57 BISSELL RD,TEWKSBURY TWP	35	1	353907.3	8.124593	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_1.01	1024	KEANE, ELOISE	96 DEER HILL RD,TEWKSBURY TWP	35	1.01	109187.9	2.50661	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_1.02	1024	VAN DOREN, JANE	98 DEER HILL RD,TEWKSBURY TWP	35	1.02	134598.6	3.089958	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_10.01	1024	MEYER, ELIZABETH N	86 DEER HILL RD,TEWKSBURY TWP	35	10.01	146039.9	3.352615	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_10.03	1024	ROONEY, PATRICK J & RUTH	82 DEER HILL RD,TEWKSBURY TWP	35	10.03	133181.3	3.057423	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_10.04	1024	MCCARTHY, KAREN	80 DEER HILL RD,TEWKSBURY TWP	35	10.04	115371.9	2.648575	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_10.05	1024	SCHNEIDER, JOHN G & HANNELORE	5 CEDAR RIDGE RD,TEWKSBURY TWP	35	10.05	172777.9	3.966434	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_10.06	1024	HELDMANN, ANTON & ELFRIEDE	7 CEDAR RIDGE RD,TEWKSBURY TWP	35	10.06	249994.3	5.739079	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_10.07	1024	UMHOLTZ, WARREN W & JOAN M	8 CEDAR RIDGE RD,TEWKSBURY TWP	35	10.07	299031.9	6.864829	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_10.08	1024	BOCHNER, STUART & ADRIANE BERG	6 CEDAR RIDGE RD,TEWKSBURY TWP	35	10.08	160385.4	3.681941	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_10.09	1024	JENSEN, NOUHAD TRUSTEE	23 WELSH RD,TEWKSBURY TWP	35	10.09	132448.5	3.040598	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_10.10	1024	SHERMAN, STEPHEN & DEBRA	25 WELSH RD,TEWKSBURY TWP	35	10.1	127646.7	2.930365	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_10.11	1024	RAHENKAMP, LYNDA	27 WELSH RD,TEWKSBURY TWP	35	10.11	140818.8	3.232755	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_10.12	1024	PRESTON, CHARLES W & IRENE J	21 WELSH RD,TEWKSBURY TWP	35	10.12	158943.7	3.648846	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_10.18	1024	BARBATO, LUIGI M / ROSEANN	35 WELSH RD,TEWKSBURY TWP	35	10.18	147034	3.375437	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_10.19	1024	HELLAUER, ROBERT & SANDRA COSIMANO	39 WELSH RD,TEWKSBURY TWP	35	10.19	164450.7	3.775268	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_10.20	1024	LANTWICKI, EUGENE J & LINDA J	41 WELSH RD, TEWKSBURY TWP	35	10.2	250034.4	5.74	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	10/29/2018	BEACHSTONE SEPTIC							
1024_35_11	1024	WELSH, HARLAN & ETHEL	88 DEER HILL RD,TEWKSBURY TWP	35	11	287866.1	6.608497	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	11/8/2018	D&V CONSTR							
1024_35_12	1024	DISTEFANO, JOSEPH	90 DEER HILL RD,TEWKSBURY TWP	35	12	193176.8	4.43473	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_13	1024	DIETRICH, CHARLES W & LESLIE S	92 DEER HILL RD,TEWKSBURY TWP	35	13	107835.2	2.475555	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_14	1024	BLAIR, ALEXANDER F & SANDRA M	94 DEER HILL RD,TEWKSBURY TWP	35	14	67567.26	1.551131	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	8/21/2017	PARKER							
1024_35_2	1024	COLITTI, MARIO C & KRISTIN FEDERICI	55 BISSELL RD,TEWKSBURY TWP	35	2	245501.2	5.635931	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_3	1024	VAN DOREN, TRENT T & LISA CAMPION	3 CEDAR RIDGE RD,TEWKSBURY TWP	35	3	180277.8	4.138609	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	5/24/2012	KURT HOFFMAN ENGINEERING, LLC.							
1024_35_4	1024	BOHM, JASON M & TARA J	4 CEDAR RIDGE RD,TEWKSBURY TWP	35	4	171680.9	3.94125	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	5/19/2015	G S LIKUS							
1024_35_4.01	1024	STINER, THOMAS & JEFFREY KROL	53 BISSELL RD,TEWKSBURY TWP	35	4.01	189999.3	4.361784	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_5	1024	51 BISSELL ROAD LLC	51 BISSELL RD,TEWKSBURY TWP	35	5	117935.4	2.707424	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_7	1024	HEYL, JAMES E	43 BISSELL RD,TEWKSBURY TWP	35	7	60962.08	1.399497	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_8.01	1024	HAGAN, STEVEN & CATHRYN FOSTER	61 WELSH RD,TEWKSBURY TWP	35	8.01	253641.7	5.822812	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_8.02	1024	ROTUNNO, DONALD/ANN	31 BISSELL RD,TEWKSBURY TWP	35	8.02	129981.2	2.983957	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_35_8.03	1024	STUDER, PETER C & SANDRA E	33 BISSELL RD,TEWKSBURY TWP	35	8.03	126930.6	2.913925	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_8.04	1024	PARSELS, DAVID J & MARIKA P	35 BISSELL RD,TEWKSBURY TWP	35	8.04	137418.4	3.154693	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_8.05	1024	ALDANA, RICARDO & MARYANN TRUSTEES	63 WELSH RD,TEWKSBURY TWP	35	8.05	141318.9	3.244236	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_8.08	1024	MASSARO, SUSAN & KARL	53 WELSH RD,TEWKSBURY TWP	35	8.08	302651.2	6.947916	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_8.09	1024	MCDONALD, WILLIAM J JR & JENNIFER C	51 WELSH RD,TEWKSBURY TWP	35	8.09	176997	4.063292	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_8.10	1024	LEE, THAI HI	57 WELSH RD,TEWKSBURY TWP	35	8.1	390713.8	8.969554	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_8.11	1024	HAUSMANN, DAVID R/KEENA M	41 BISSELL RD,TEWKSBURY TWP	35	8.11	197334.9	4.530187	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_8.12	1024	ZAMBELLI, MARCO & LINDA B	39 BISSELL RD,TEWKSBURY TWP	35	8.12	199320	4.575758	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_8.13	1024	CAFFREY, SUE ANN & ROBERT	37 BISSELL RD,TEWKSBURY TWP	35	8.13	134394.7	3.085277	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_35_9	1024	VONKAUFMANN, AMY & PETER C NIRCHIO	65 WELSH RD,TEWKSBURY TWP	35	9	89032.26	2.0439	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_36_3.01	1024	GUNNING, JAMES F & SANDRA M	10 BISSELL RD,TEWKSBURY TWP	36	3.01	140118.6	3.216681	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.02	1024	BUTERBAUGH, GENE C & JULIEANN R	14 BISSELL RD,TEWKSBURY TWP	36	3.02	118979.7	2.731398	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.03	1024	VATALARO, ANTHONY	16 BISSELL RD,TEWKSBURY TWP	36	3.03	132547	3.04286	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.05	1024	PACIFICO, BARTOLOMEO & FRANK	12 BISSELL RD,TEWKSBURY TWP	36	3.05	121898.4	2.798403	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.06	1024	KALADAS, JEFFREY JAMES & ROSANN	1 SNUFFY'S LN,TEWKSBURY TWP	36	3.06	165910.4	3.808779	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.07	1024	THOMAS, RICHARD L & SUSAN C	3 SNUFFY'S LN,TEWKSBURY TWP	36	3.07	161035.4	3.696863	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.08	1024	D'ANGOLA, RALPH & DEBORAH K	5 SNUFFY'S LN,TEWKSBURY TWP	36	3.08	312461	7.173118	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.09	1024	WADE, ROLIN L & GWYNNE	8 SNUFFY'S LN,TEWKSBURY TWP	36	3.09	180506.2	4.143851	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.10	1024	KERWIN, EDWARD L JR, MARCIA	1 ORCHARD LN,TEWKSBURY TWP	36	3.1	168063.5	3.858208	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.11	1024	RODRIGUEZ, GEORGE & ELIZABETH	3 ORCHARD LN,TEWKSBURY TWP	36	3.11	138614.2	3.182144	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.12	1024	MITNICK, JANE WOLFF & STEVEN J	5 ORCHARD LN,TEWKSBURY TWP	36	3.12	455533.5	10.45761	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.13	1024	KOOCK, CRISTINE	7 ORCHARD LN,TEWKSBURY TWP	36	3.13	131363.4	3.015688	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.14	1024	CHENG, XU & ZIYAN TIC	9 ORCHARD LN,TEWKSBURY TWP	36	3.14	400924.2	9.203952	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.15	1024	LANE, GREGORY J & CLARE E	11 ORCHARD LN,TEWKSBURY TWP	36	3.15	446685.5	10.25449	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.16	1024	HAGEL, ROBERT & GIULIANA	12 ORCHARD LN,TEWKSBURY TWP	36	3.16	485777	11.15191	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.17	1024	SLUYTER, KENT D & MELISSA K	10 ORCHARD LN,TEWKSBURY TWP	36	3.17	136194.1	3.126586	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.18	1024	DEFELICE, ANTHONY & CELIA F	8 ORCHARD LN,TEWKSBURY TWP	36	3.18	285158.5	6.546339	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.19	1024	PRICE, THOMAS P & LYNN A	6 ORCHARD LN,TEWKSBURY TWP	36	3.19	267923.2	6.150671	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	6/25/2018	JEREMY HANN						
1024_36_3.20	1024	BARLOW, ROBERT S & GAILA	4 ORCHARD LN,TEWKSBURY TWP	36	3.2	248844	5.712672	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.21	1024	GERLEIT, LINDA R	2 ORCHARD LN,TEWKSBURY TWP	36	3.21	203079.6	4.662066	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.22	1024	RUFFINI, ALLAN & KAREN	2 SNUFFY'S LN,TEWKSBURY TWP	36	3.22	248167.2	5.697135	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_3.25	1024	DOYON, DANIEL J & PAULA A	8 BISSELL RD,TEWKSBURY TWP	36	3.25	129775.2	2.979229	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_4	1024	WYGERA, WALTER J & CONSTANCE D	27 MEADOW LN,TEWKSBURY TWP	36	4	143767.8	3.300455	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_5.02	1024	REGAN, JUDITH	13 MEADOW LANE,TEWKSBURY TWP	36	5.02	146116.7	3.354379	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_36_6	1024	THOMAS, ANTHONY E & CHERRI IMELDA	29 MEADOW LN,TEWKSBURY TWP	36	6	136808.6	3.140693	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	6/13/2016	ALLSTATE						
1024_36_7	1024	OWEN, JAMES E	18 BISSELL RD,TEWKSBURY TWP	36	7	175589.2	4.030974	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37.03_13	1024	HEINZELMAN, EDWARD JR & VIOLET A	88 POTTERSTOWN RD,TEWKSBURY TWP	37.03	13	137964.7	3.167234	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	2/8/2018	TRI COUNTY SEPTIC						
1024_37.03_4	1024	LAMPA PRIMO & NATY	90 POTTERSTOWN RD,TEWKSBURY TWP	37.03	4	59549.21	1.367062	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37.03_5.01	1024	DELOUISA, FRANK & TERRI F	2 UPTOM PINE RD,TEWKSBURY TWP	37.03	5.01	134762.6	3.093724	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37.03_5.02	1024	KONSIG, ROBERT & SUSAN	4 UPTOM PINE RD,TEWKSBURY TWP	37.03	5.02	99477.26	2.283684	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37.03_5.03	1024	ZAREMBA, STEFAN & KATARZYNA	6 UPTOM PINE RD,TEWKSBURY TWP	37.03	5.03	86615.11	1.988409	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37.03_5.04	1024	SETTEMBRINI, LARRY A & ERICA L	8 UPTOM PINE RD,TEWKSBURY TWP	37.03	5.04	89316.97	2.050435	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	10/31/2018	CASTLE SEPTIC						
1024_37.03_5.05	1024	PAINE, FREDERICK C & ALISON C	10 UPTOM PINE RD,TEWKSBURY TWP	37.03	5.05	86487.95	1.98549	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37.03_5.06	1024	MEEKINGS, WILLIAM & DANIELLE	12 UPTOM PINE RD,TEWKSBURY TWP	37.03	5.06	87656.08	2.012307	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37.03_5.07	1024	CAIROLI, JOSEPH & LISA	14 UPTOM PINE RD,TEWKSBURY TWP	37.03	5.07	86200.82	1.978898	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37.03_5.09	1024	SHEEHAN, DANIEL & VANESSA GILES	18 UPTOM PINE RD,TEWKSBURY TWP	37.03	5.09	93990.81	2.157732	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	5/13/2015	TRI COUNTY SEPTIC						
1024_37.03_5.10	1024	RUBINO, BENEDICT & LINDA ROBSON	16 UPTOM PINE RD,TEWKSBURY TWP	37.03	5.1	87069.01	1.998829	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	7/13/2017							
1024_37_1	1024	GENSCH, JAMES P & CAROLYN	27 BISSELL RD,TEWKSBURY TWP	37	1	46487.04	1.067196	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_10	1024	SEMANCHIK, MICHAEL & BARBARA J	82 POTTERSTOWN RD,TEWKSBURY TWP	37	10	127235.2	2.920918	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_11	1024	LAMENDOLA, RAYMOND & EDNA	84 POTTERSTOWN RD,TEWKSBURY TWP	37	11	128356.1	2.946651	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_12	1024	CULLINANE THOMAS J & CYNTHIA A	86 POTTERSTOWN RD,TEWKSBURY TWP	37	12	128359.3	2.946724	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_2	1024	COSTINE, WILLIAM & BARBARA	11 BISSELL RD,TEWKSBURY TWP	37	2	30686.58	0.704467	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_3.02	1024	GRIECO, BERNARD J & ROSEMARIE	9 BISSELL RD,TEWKSBURY TWP	37	3.02	126805	2.911041	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_3.03	1024	NORTH, STEPHEN C & LINDA S	7 BISSELL RD,TEWKSBURY TWP	37	3.03	121600.1	2.791554	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	12/8/2014	HERCULES SEPTIC						
1024_37_3.04	1024	EMMITT, RICHARD B	66 POTTERSTOWN RD,TEWKSBURY TWP	37	3.04	1248287	28.65673	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_3.06	1024	BENNETT, GENNIFER & KEVIN R PUPPE	64 POTTERSTOWN RD,TEWKSBURY TWP	37	3.06	185448.3	4.257307	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_3.07	1024	MILLER, GORDON I & CHRISTINE H	62 POTTERSTOWN RD, TEWKSBURY TWP	37	3.07	142005.6	3.26	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	8/17/2018	PARKER						
1024_37_3.09	1024	LEHMANN LIVING TRUST	23 BISSELL RD, TEWKSBURY TWP	37	3.09	290109.6	6.66	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	12/7/2017	STEVE PARKER						
1024_37_3.12	1024	JACOBY, CAROLYN B	1 VIEWPOINT TER,TEWKSBURY TWP	37	3.12	132358	3.038523	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_3.13	1024	ALOISE, DAVID A & DARIA PLACITELLA	3 VIEWPOINT TER,TEWKSBURY TWP	37	3.13	131078	3.009137	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_3.14	1024	LATTANZIO, GREGORY/ALICE YASHINSKY	5 VIEWPOINT TER,TEWKSBURY TWP	37	3.14	181185	4.159435	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_3.16	1024	LAUGHLAND, DAVID A & CAROL S	8 VIEWPOINT TER,TEWKSBURY TWP	37	3.16	135883.4	3.119453	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_3.17	1024	UHLER, RICHARD N & IRMA T ZAMBRANA	6 VIEWPOINT TER,TEWKSBURY TWP	37	3.17	151607.7	3.480435	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	9/14/2012	ROBERT K. RUTAN						
1024_37_3.18	1024	KISER, WILLIAM F / MARGARET A	2 VIEWPOINT TER,TEWKSBURY TWP	37	3.18	127719.6	2.932039	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_3.19	1024	HOROWITZ, CINDY	4 VIEWPOINT TER,TEWKSBURY TWP	37	3.19	142286.7	3.266454	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_3.20	1024	STOLZ, JOE & GINNY	17 BISSELL RD,TEWKSBURY TWP	37	3.2	158127.3	3.630102	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_5.11	1024	MARKLEY, DANIEL J & KATHERINE M FOX	21 UPTOM PINE RD,TEWKSBURY TWP	37	5.11	79195.36	1.818075	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_5.12	1024	HEFFERNAN ROBERT F & ELIZABETH A	19 UPTOM PINE RD,TEWKSBURY TWP	37	5.12	113171.8	2.598067	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_5.13	1024	SOLEY, JOHN T & MARIA F	17 UPTOM PINE RD,TEWKSBURY TWP	37	5.13	182998.6	4.20107	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_5.17	1024	KAHN, RICHARD W & KIMBERLY A	13 UPTOM PINE RD,TEWKSBURY TWP	37	5.17	165162.5	3.79161	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_5.18	1024	MAURIELLO, GLEN M & PATRICIA A	11 UPTOM PINE RD,TEWKSBURY TWP	37	5.18	88080.82	2.022057	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_5.19	1024	SARGENTI, DANA D	9 UPTOM PINE RD,TEWKSBURY TWP	37	5.19	92321.36	2.119407	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_5.20	1024	MONTANO, ALFREDO C & LISA	7 UPTOM PINE RD,TEWKSBURY TWP	37	5.2	109602.1	2.516118	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	8/29/2017	BEACHSTONE SEPTIC						

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_37_5.21	1024	SLOMKA, DOUGLAS L/LORI M	5 UPTOM PINE RD,TEWKSBURY TWP	37	5.21	111472.7	2.55906	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_5.22	1024	LAMPRON, LAURA J	3 UPTOM PINE RD,TEWKSBURY TWP	37	5.22	119176.7	2.735921	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_5.23	1024	HARAZIM, JOSEPH M & CAROLE M	1 UPTOM PINE ROAD,TEWKSBURY TWP	37	5.23	122728.2	2.817451	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	12/19/2013	TOBY BARKMAN EXCAVATING, INC							
1024_37_6.03	1024	GAMARELLO, NICHOLAS & MARY	24 WELSH RD, TEWKSBURY TWP	37	6.03	106722	2.45	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	4/5/2017	STEPHEN PARKER							
1024_37_6.04	1024	CSELOVSZKY, LASZLO S & DONNA A	22 WELSH RD,TEWKSBURY TWP	37	6.04	30137.79	0.691868	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_7	1024	TAYLOR, MICHAEL / SUSAN	1 HILDEBRANT RD,TEWKSBURY TWP	37	7	219880.7	5.047766	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_7.04	1024	BORSETTI, PAUL JR & CYNTHIA T	48 WELSH RD,TEWKSBURY TWP	37	7.04	283189.2	6.501129	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_7.05	1024	MILLER, RANDALL R & DAWN M	50 WELSH RD,TEWKSBURY TWP	37	7.05	224627.8	5.156745	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_7.06	1024	BURT, JONATHAN E & CARLAHLEE C	44 WELSH RD,TEWKSBURY TWP	37	7.06	124568.4	2.859697	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_7.07	1024	MODDE, JEAN PAUL / JACQUELINE	3 HILDEBRANT RD,TEWKSBURY TWP	37	7.07	137879.9	3.165288	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_7.08	1024	KINDZIERSKI, MICHAEL A / EVA NAGY	5 HILDEBRANT RD,TEWKSBURY TWP	37	7.08	130713.1	3.000759	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_7.09	1024	TURNER, DAVID J & KIMBERLY E	7 HILDEBRANT RD,TEWKSBURY TWP	37	7.09	130896.9	3.004979	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_7.10	1024	GUY, HENRY L JR & SUSAN M	8 HILDEBRANT RD,TEWKSBURY TWP	37	7.1	159353.6	3.658256	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_7.11	1024	ZOUMAS, KONSTADINE G / DAVID M IZZI	6 HILDEBRANT RD,TEWKSBURY TWP	37	7.11	132491.5	3.041586	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_7.12	1024	MCLEAN, WILLIAM J & SHEILA M	4 HILDEBRANT RD,TEWKSBURY TWP	37	7.12	132303.8	3.037276	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_7.13	1024	DAVIDSON, MICHAEL & MONA	2 HILDEBRANT RD,TEWKSBURY TWP	37	7.13	130723.1	3.00099	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_37_8	1024	SHOEMAKER KATHLEEN	72 WELSH RD,TEWKSBURY TWP	37	8	59270.91	1.360673	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38.01_1	1024	MORE, SUSAN M	1 ASBURY LANE,TEWKSBURY TWP	38.01	1	141766.2	3.254503	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38.01_16	1024	CONNOR, MAUD H. P.	52 POTTERSTOWN RD,TEWKSBURY TWP	38.01	16	280652.8	6.442901	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38.01_16.08	1024	SEPULVEDA, JOSE & MICHELLE	2 ROUNDTOP RD,TEWKSBURY TWP	38.01	16.08	87281.37	2.003704	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	10/3/2014	ROBERT RUTAN							
1024_38.01_16.09	1024	CAPOCCI, PAOLO M & SANDRA BABEY	4 ROUNDTOP RD,TEWKSBURY TWP	38.01	16.09	87092.72	1.999374	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38.01_16.10	1024	SACKS, TODD & DONNA	6 ROUNDTOP RD,TEWKSBURY TWP	38.01	16.1	87055.83	1.998527	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_13	1024	HOCHENBERGER, ROBERT A & NANCY	20 KING ST,TEWKSBURY TWP	38	13	39541.93	0.907758	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_14	1024	TODD, BARBARA D	30 KING ST, TEWKSBURY TWP	38	14	4519350	103.75	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	8/20/2013; 10/2/2017	KURT HOFFMAN; KURT HOFFMAN							
1024_38_15	1024	CURLEY MARTIN T / DAVID L KEMP	32 POTTERSTOWN RD,TEWKSBURY TWP	38	15	218116.1	5.007257	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	8/27/2015	TRIPLE K							
1024_38_15.01	1024	SCHAEFER, CHRISTOPHER M / MILENA	34 POTTERSTOWN RD,TEWKSBURY TWP	38	15.01	218577.2	5.017842	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_15.02	1024	WARMUS, TRACEY L	36 POTTERSTOWN RD,TEWKSBURY TWP	38	15.02	218858.8	5.024307	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_15.03	1024	RUSSO, THOMAS J & JANE	38 POTTERSTOWN RD,TEWKSBURY TWP	38	15.03	218220.3	5.00965	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_16.02	1024	RATKOVITS, BELA / BINTER, NANCY	42 POTTERSTOWN RD,TEWKSBURY TWP	38	16.02	262267.9	6.020842	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_16.04	1024	SPERDUTO, MICHAEL A & RACHEL B	1 ROUNDTOP ROAD,TEWKSBURY TWP	38	16.04	147691.4	3.390528	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	3/4/2013	ROBERT K. RUTAN							
1024_38_16.05	1024	HOWARD, ELIZABETH	3 ROUNDTOP RD,TEWKSBURY TWP	38	16.05	87258.31	2.003175	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_16.06	1024	SMITH, SCOTT A	5 ROUNDTOP RD,TEWKSBURY TWP	38	16.06	87933.17	2.018668	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	2/22/2018	GS LIKUS							
1024_38_16.07	1024	BOYTON, THOMAS E & LOUISE C	7 ROUNDTOP RD,TEWKSBURY TWP	38	16.07	89170.29	2.047068	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_16.11	1024	FORMICA FAMILY REVOCABLE TRUST	1 OLD FARM LN,TEWKSBURY TWP	38	16.11	89871.82	2.063173	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_16.12	1024	MACKIE, BRUCE E & MARTHA E	3 OLD FARM LN,TEWKSBURY TWP	38	16.12	89405.64	2.052471	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_16.13	1024	GRAUSSO, SALVADOR & MARIA	5 OLD FARM LN,TEWKSBURY TWP	38	16.13	149414.4	3.430082	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	9/4/2013	KURT HOFFMAN							
1024_38_16.15	1024	WHITE, CARL T & KANDY F	4 OLD FARM LN,TEWKSBURY TWP	38	16.15	92198.67	2.11659	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	6/10/2015	G S LIKUS							
1024_38_16.16	1024	SCHAIBLE, LAURA A	2 OLD FARM LN,TEWKSBURY TWP	38	16.16	88563.58	2.03314	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_16.17	1024	MARRAN, NADINE	9 ROUNDTOP RD,TEWKSBURY TWP	38	16.17	86488.49	1.985502	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_16.18	1024	CRUCS, MARILYN LINDA	11 ROUNDTOP RD,TEWKSBURY TWP	38	16.18	89039.92	2.044075	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_16.19	1024	JENNINGS, ROBERT M / LINDA K	13 ROUNDTOP RD,TEWKSBURY TWP	38	16.19	111968.1	2.570434	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	10/28/2014	ALL STATE SEPTIC SYSTEMS							
1024_38_16.20	1024	MAROULIS, JOHN & MICHELLE	15 ROUNDTOP RD,TEWKSBURY TWP	38	16.2	93306.19	2.142015	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_16.21	1024	SPAETH, KARL JR & VICTORIA	17 ROUNDTOP RD,TEWKSBURY TWP	38	16.21	87366.7	2.005664	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	7/17/2017	BEDMINSTER EXCAVATION							
1024_38_16.22	1024	BAIRD, DANIEL / HEATHER	19 ROUNDTOP RD,TEWKSBURY TWP	38	16.22	102461.6	2.352194	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_16.23	1024	RINTOUL, JAMES L & MARIA C	21 ROUNDTOP RD,TEWKSBURY TWP	38	16.23	98712.01	2.266116	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_16.24	1024	KREYER, CAROLYN	23 ROUNDTOP RD,TEWKSBURY TWP	38	16.24	105200	2.415059	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	8/7/2014	JERRY SMITH							
1024_38_16.25	1024	SCHIAVONE, CORA	25 ROUNDTOP RD,TEWKSBURY TWP	38	16.25	200431.7	4.601279	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	7/12/2012	RUSSELL REID							
1024_38_16.26	1024	SHORT, HARRY A & CHERYL WOTASEK	26 ROUNDTOP RD,TEWKSBURY TWP	38	16.26	242324.7	5.563009	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_16.27	1024	SCHNEIDER, CHARLES M	24 ROUNDTOP RD,TEWKSBURY TWP	38	16.27	103079.4	2.366377	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_16.28	1024	MCGOVERN, BRIAN & LACEY STRONG	22 ROUNDTOP RD,TEWKSBURY TWP	38	16.28	116642.3	2.677739	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_16.29	1024	SANDER, JOHN L & GRACE TAI	20 ROUNDTOP RD,TEWKSBURY TWP	38	16.29	111609.5	2.562201	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	10/11/2018	TOBY BARKMAN EXCAVATING							
1024_38_16.30	1024	OGLE, KATHLEEN & ROBERT STACK	16 ROUNDTOP RD,TEWKSBURY TWP	38	16.3	95058.84	2.182251	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	10/23/2013	HERCULES SEPTIC							
1024_38_16.31	1024	DEO, SCOTT L & DARRAH C	4 ASBURY LANE,TEWKSBURY TWP	38	16.31	87518.21	2.009142	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_16.32	1024	MENNEN, WILLIAM G IV & LYNN A	2 ASBURY LANE,TEWKSBURY TWP	38	16.32	87209.65	2.002058	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_16.33	1024	JAEGER, LOWELL E & JOANNE E	60 POTTERSTOWN RD,TEWKSBURY TWP	38	16.33	1312766	30.13696	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_17.01	1024	KLUGE, KATHLEEN M	88 ROCKAWAY RD,TEWKSBURY TWP	38	17.01	131735.3	3.024226	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_2.01	1024	SENATORE, CHARLES J	39 HILL & DALE RD,TEWKSBURY TWP	38	2.01	171704	3.941782	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_3.01	1024	NASH, RICHARD & JAMES BRANDEBERRY	37 HILL & DALE RD,TEWKSBURY TWP	38	3.01	257813.5	5.918584	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_3.02	1024	AMMEEN, JEFFREY A	35 HILL & DALE RD,TEWKSBURY TWP	38	3.02	219735	5.044422	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	9/17/2014	FAMILY CREST PMG, LLC							
1024_38_3.03	1024	SCHONZEIT, GABRIEL & MIRIAM GITLITZ	33 HILL & DALE RD,TEWKSBURY TWP	38	3.03	226002.7	5.188308	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_3.04	1024	SARGENT, LOUISA B	31 HILL & DALE RD,TEWKSBURY TWP	38	3.04	217729.9	4.99839	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	10/16/2012	PEACH BROTHERS							
1024_38_4.03	1024	INGRAO, MATTEO	9 WINTERMUTE LN,TEWKSBURY TWP	38	4.03	94120.74	2.160715	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_4.04	1024	SHAHINIAN, TOROS / CATHERINE	11 WINTERMUTE LN,TEWKSBURY TWP	38	4.04	119527.4	2.743971	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_4.05	1024	D'UVA, ROBERT G & JOAN M	10 WINTERMUTE LN,TEWKSBURY TWP	38	4.05	165934.9	3.80934	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_4.06	1024	KASPERZIK, JENS & WENDY GOODRICH	8 WINTERMUTE LN,TEWKSBURY TWP	38	4.06	118091.1	2.710999	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_38_6	1024			38	6			TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	12/2/2016	RUSSELL REID							
1024_38_7.01	1024	SOMERSET HILLS HANDICAPPED RIDERS	OLD TURNPIKE RD,TEWKSBURY TWP	38	7.01	237688.5	5.456576	TEWKSBURY TWP	HUNTERDON	Non_Residential	Planning										
1024_38_7.02	1024	SOMERSET HILLS HANDICAPPED RIDERS	89 OLD TURNPIKE RD,TEWKSBURY TWP	38	7.02	288487.7	6.622767	TEWKSBURY TWP	HUNTERDON	Non_Residential	Planning										
1024_39_23	1024	UNITED TELEPHONE CO.OF NJ INC TAXES	8 JAMES ST,TEWKSBURY TWP	39	23	12294.19	0.282236	TEWKSBURY TWP	HUNTERDON	Non_Residential	Planning										
1024_4_10.02	1024	BOUGHNER, RUSS & CHRISTINA FERGUSON	4 LOGAN DR,TEWKSBURY TWP	4	10.02	133278.7	3.059658	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR; RE	6/16/2015; 5/22/2017	BOB RUTAN; ROBERT RUTAN							
1024_4_10.03	1024	CHU, CHEE FENG & WINNA	6 LOGAN DR,TEWKSBURY TWP	4	10.03	130710.9	3.000709	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_10.04	1024	BROGAN, BRIAN & HEIDI	8 LOGAN DR,TEWKSBURY TWP	4	10.04	130882.6	3.004651	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_10.06	1024	GITHENS, PAUL M & SUZANNE S	9 LOGAN DR,TEWKSBURY TWP	4	10.06	135453.3	3.109581	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_4_10.07	1024	SANDHU, ARMEET S & RUPA BHULLAR	7 LOGAN DRIVE,TEWKSBURY TWP	4	10.07	130726.4	3.001064	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_10.08	1024	URBANSKI, CHRISTOPHER F & ELIZABETH	5 LOGAN DR,TEWKSBURY TWP	4	10.08	130767.7	3.002014	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_10.09	1024	BERGAMOTTO, RONALD M & MELODY A	3 LOGAN DR,TEWKSBURY TWP	4	10.09	130859.8	3.004127	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_10.10	1024	MILLS, JON S & HELEN	1 LOGAN DR,TEWKSBURY TWP	4	10.1	131818.5	3.026137	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_11	1024	NANN, WILLIAM	291 WEST VALLEY BROOK RD,TEWKSBURY TWP	4	11	354863.2	8.146538	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_12	1024	THOW, RONALD	74 FROG HOLLOW RD,TEWKSBURY TWP	4	12	136007	3.122291	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_6.01	1024	HAMMER, CHARLES & LISA SUTHERLAND	1 BRIDGE HOLLOW RD,TEWKSBURY TWP	4	6.01	212222	4.871948	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_6.02	1024	REMMERS, VINCENT P & LISA M	2 BRIDGE HOLLOW RD,TEWKSBURY TWP	4	6.02	252115.5	5.787776	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	4/24/2015	PEACH BROTHERS							
1024_4_6.03	1024	MATCHABA, ZANDILE & PATRICE T	3 BRIDGE HOLLOW RD,TEWKSBURY TWP	4	6.03	293488.2	6.737561	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_6.04	1024	VAIL INVESTMENTS LLC/STONEBRIDGEINC	4 BRIDGE HOLLOW RD,TEWKSBURY TWP	4	6.04	152690.1	3.505283	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_6.05	1024	MEDINA, ROBERT/CAMPOS, PATRICIA JTR	5 BRIDGE HOLLOW RD,TEWKSBURY TWP	4	6.05	155990.5	3.581048	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_6.06	1024	RICHARDS, DAVID & JAN	6 BRIDGE HOLLOW RD,TEWKSBURY TWP	4	6.06	174335.7	4.002198	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_6.08	1024	D'ZIO, WILLIAM H & PEGGY ANN	8 BRIDGE HOLLOW RD,TEWKSBURY TWP	4	6.08	155829.3	3.577348	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	8/10/2017	JK HOFFMAN							
1024_4_6.09	1024	HEFFERAN, GEORGE B & BLYTHE	9 BRIDGE HOLLOW RD,TEWKSBURY TWP	4	6.09	154787.4	3.553429	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_6.10	1024	OLSEN, WILLIAM M & PATRICIA O'BRIEN	10 BRIDGE HOLLOW RD,TEWKSBURY TWP	4	6.1	160143	3.676378	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_6.11	1024	MOREIRA, JOSE & ISABEL	11 BRIDGE HOLLOW RD,TEWKSBURY TWP	4	6.11	265841.1	6.102872	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_6.12	1024	ALBERT, DANIEL J & MARY M	12 BRIDGE HOLLOW RD,TEWKSBURY TWP	4	6.12	131115.5	3.009998	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_6.13	1024	ROTHFELD, LEE S & CATHY C	13 BRIDGE HOLLOW,TEWKSBURY TWP	4	6.13	131041.1	3.008291	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_6.14	1024	DEAN, GARY W & GAIL A SAWCZUK	14 BRIDGE HOLLOW RD,TEWKSBURY TWP	4	6.14	132540.2	3.042704	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_6.15	1024	SALVATORE, CHIARINA & JANE SCALESE	15 BRIDGE HOLLOW RD,TEWKSBURY TWP	4	6.15	130897.1	3.004983	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_6.16	1024	MEYER, WOLFGANG & INGE	16 BRIDGE HOLLOW RD,TEWKSBURY TWP	4	6.16	133026.8	3.053875	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_6.17	1024	FOX, JANE	17 BRIDGE HOLLOW,TEWKSBURY TWP	4	6.17	131168.2	3.011207	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_6.18	1024	MURRAY, MICHAEL & CHRISTINE BABIUK	18 BRIDGE HOLLOW RD,TEWKSBURY TWP	4	6.18	131904.9	3.028121	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_6.19	1024	LUONGO, AMEDEO & ELIZABETH C	19 BRIDGE HOLLOW RD,TEWKSBURY TWP	4	6.19	169089.9	3.88177	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_7	1024	COOPER, JASON G & MOLLY	293 WEST VALLEY BROOK,TEWKSBURY TWP	4	7	232373.3	5.334556	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_4_9	1024	STEPHAN, RUSSELL & FERNANDA	289 WEST VALLEY BROOK RD,TEWKSBURY TWP	4	9	312137.8	7.165698	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_40_2	1024	TEWKSBURY HISTORICAL SOCIETY	5 JAMES ST,TEWKSBURY TWP	40	2	2492.087	0.05721	TEWKSBURY TWP	HUNTERDON	Non_Residential	Planning										
1024_42_27	1024	SKALSKI, STACY ANDRIS & PHILIP	183 LAMINGTON RD, TEWKSBURY TWP	42	27	2280366	52.35	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	3/28/2013; 6/10/2015	GLADSTONE DESIGN; GLADSTONE DESIGN							
1024_42_7	1024	LYNCH CAROLYN ANN	191 LAMINGTON RD,TEWKSBURY TWP	42	7	325269.4	7.467158	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_43_1	1024	DILLON, PATRICIA H	37 VLIETTOWN RD,TEWKSBURY TWP	43	1	201693.9	4.630255	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_43_2.03	1024	CHENG, CHAO-TARNG/SHIOW-JANE TRUSTE	43 VLIETTOWN RD,TEWKSBURY TWP	43	2.03	286246.8	6.571322	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_43_3	1024	45HNSON,JENNI U TRUSTC/O HEROLD LAW	17 VLIETTOWN RD, TEWKSBURY TWP	43	3	3233023	74.22	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	6/23/2016	GLADSTONE DESIGN							
1024_44_25	1024	APGAR, GEORGE M & JOANN P	27 KING ST,TEWKSBURY TWP	44	25	80419.62	1.84618	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_44_3	1024	FERGUSON, LOIS	53-A OLD TURNPIKE RD,TEWKSBURY TWP	44	3	9838.796	0.225868	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_11	1024	ANDERSON JEFFREY & JANE	32 FELMLEY RD,TEWKSBURY TWP	45	11	38638.69	0.887022	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_13	1024	BEKO, ANDREW / JEANNY CHAN JTRS	30 FELMLEY RD,TEWKSBURY TWP	45	13	120385.5	2.763671	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	6/8/2012	KURT HOFFMAN ENGINEERING							
1024_45_14	1024	CATULLO, SEAN D & NICOLE J	26 FELMLEY RD,TEWKSBURY TWP	45	14	38481.54	0.883415	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	10/21/2013	KURT HOFFMAN							
1024_45_15	1024	STORMS, MARCEL & HERMAN TRUSTEES	24 FELMLEY RD,TEWKSBURY TWP	45	15	37962.14	0.871491	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_16	1024	RANDOLPH, PAUL J & NANCY L	22 FELMLEY RD,TEWKSBURY TWP	45	16	38642.1	0.887101	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_17	1024	ACOCELLA, PAUL & CHRISTINE	18 FELMLEY RD,TEWKSBURY TWP	45	17	64542.79	1.481699	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	4/21/2016	BAYER RISSE							
1024_45_17.02	1024	PIPELING, AURORA R	20 FELMLEY RD,TEWKSBURY TWP	45	17.02	65123.95	1.49504	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_18	1024	PONZO, CAROL GRIECO	14 FELMLEY RD,TEWKSBURY TWP	45	18	96069.03	2.205442	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_20	1024	KOVACS EDWARD S / KAREN KUPYAK	12 FELMLEY RD,TEWKSBURY TWP	45	20	47302.46	1.085915	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_21	1024	REED BARRY E & CATHERINE L	10 FELMLEY RD,TEWKSBURY TWP	45	21	46182.22	1.060198	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_22	1024	BLAIR, JOSEPH W & CAROLYN J EST	8 FELMLEY RD,TEWKSBURY TWP	45	22	44915.37	1.031115	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	8/16/2016	CAREAGA							
1024_45_23	1024	AHN, MARILYN A & CHRISTOPHER	6 FELMLEY RD,TEWKSBURY TWP	45	23	44198.6	1.01466	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_25	1024	KAMINSKY, GERALD A & DARLA	28 FELMLEY RD,TEWKSBURY TWP	45	25	215503.1	4.947269	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_26	1024	SBLENDORIO TEWKSBURY HOLDINGS LLC	148-A OLDWICK RD,TEWKSBURY TWP	45	26	250393.2	5.748236	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_27	1024	MCDONALD, KENNETH & LINDSAY	140 OLDWICK RD,TEWKSBURY TWP	45	27	289008.2	6.634716	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_28	1024	MARMALADE ENTERPRISES C/O HOSPITAL	130 OLDWICK RD,TEWKSBURY TWP	45	28	44718.31	1.026591	TEWKSBURY TWP	HUNTERDON	Non_Residential	Planning										
1024_45_29	1024	MCSWEENEY, RITA	134 OLDWICK RD,TEWKSBURY TWP	45	29	27626.2	0.63421	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_3	1024	GARCES, WILLIAM J AND ELAINE	186 LAMINGTON RD	45	3	355449.6	8.16	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	5/19/2015	RICK BEAVERS EXCAVATING							
1024_45_30	1024	LEVY, ROBERT J & MARGARET B	136 OLDWICK RD,TEWKSBURY TWP	45	30	27796.69	0.638124	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_31	1024	KEIS HEDY	138 OLDWICK RD,TEWKSBURY TWP	45	31	34992.09	0.803308	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_36	1024	D3 REALTY LLC	142 OLDWICK RD,TEWKSBURY TWP	45	36	37517.33	0.861279	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_37	1024	COONEY, DANIEL R & ROBIN A	144 OLDWICK RD,TEWKSBURY TWP	45	37	37482.47	0.860479	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_38	1024	BARRY, HARVEY A & ROKIAH	146 OLDWICK RD,TEWKSBURY TWP	45	38	37449.62	0.859725	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_39	1024	SBLENDORIO TEWKSBURY HOLDINGS LLC	148 OLDWICK RD,TEWKSBURY TWP	45	39	37473.01	0.860262	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	1/7/2015	STEPHEN PARKER							
1024_45_4	1024	NICHOLSON, BRANDON & JOCELYN	194 LAMINGTON RD,TEWKSBURY TWP	45	4	453420.1	10.40909	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	10/3/2012	PARKER ENGINEERING & SURVEYING							
1024_45_40	1024	ELFANTE, HECTOR V & NENITA A	150 OLDWICK RD,TEWKSBURY TWP	45	40	49071.78	1.126533	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_41	1024	SBLENDORIO TEWKSBURY HOLDINGS LLC	152 OLDWICK RD,TEWKSBURY TWP	45	41	206366.8	4.73753	TEWKSBURY TWP	HUNTERDON	Non_Residential	Planning										
1024_45_45	1024	KAVANAUGH, DUANE T & BETH ANN	132 OLDWICK RD,TEWKSBURY TWP	45	45	24785.36	0.568994	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_6.01	1024	ANNIS, CRAIG A & KATE WHITMAN-	62 FELMLEY RD,TEWKSBURY TWP	45	6.01	216471.9	4.969511	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_45_6.02	1024	TOURVILLE, JOHN P / DANA M	58 FELMLEY RD, TEWKSBURY TWP	45	6.02	622908	14.3	TEWKSBURY TWP	HUNTERDON	Residential	Planning	NEW	11/19/2018	GLADSTONE DESIGN							
1024_45_7	1024	FITZPATRICK, IRENE T	44 FELMLEY RD,TEWKSBURY TWP	45	7	226511.5	5.199989	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	6/22/2017	TED BAYER							
1024_45_8	1024	COUGHLAN, PETER V S & KATHRYN M	40 FELMLEY RD,TEWKSBURY TWP	45	8	310176.2	7.120665	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	12/7/2016	DOUG FINE							
1024_46.01_10	1024	KORYSZEWSKI, GRZEGORZ & ISABEL	105 OLDWICK RD,TEWKSBURY TWP	46.01	10	77093.54	1.769824	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_46.01_12	1024	WAGNER, DAVID BRUCE ETALS	101 OLDWICK RD,TEWKSBURY TWP	46.01	12	83011.3	1.905677	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_46.01_13	1024	DENISON HARVEY R	107 OLDWICK RD,TEWKSBURY TWP	46.01	13	247339.8	5.678139	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_46_3	1024	PICONE, CARMINE & JOAN	135 OLDWICK RD,TEWKSBURY TWP	46	3	120983.6	2.777401	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_46_4	1024	PRISTINE PROPERTIES INC	131 OLDWICK RD,TEWKSBURY TWP	46	4	103123.4	2.367388	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47.01_38	1024	MANGUIAT, MARIS & RYAN	13 MATHESON RD,TEWKSBURY TWP	47.01	38	93377	2.143641	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47.01_39	1024	SICA, FRANK JR & ALEXIS	11 MATHESON RD,TEWKSBURY TWP	47.01	39	103229.2	2.369817	TEWKSBURY TWP	HUNTERDON	Residential	Planning										

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_47.01_40	1024	DIAZ-PIEDRA, GEORGE	9 MATHESON RD.,TEWKSBURY TWP	47.01	40	107498.1	2.467817	TEWKSBURY TWP	HUNTERDON	Residential	Planning	PARKER EN	1/4/2012	ALTERATION							
1024_47.01_41	1024	MCAULIFFE, WILLIAM G & MARILN	7 MATHESON RD,TEWKSBURY TWP	47.01	41	88136.86	2.023344	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47.01_42	1024	BURKE, DOROTHY M	5 MATHESON RD,TEWKSBURY TWP	47.01	42	72172.13	1.656844	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	11/8/2018	PARKER ENGINEERING							
1024_47.01_43	1024	MARAVEL GEORGE N & DIANE	3 MATHESON RD,TEWKSBURY TWP	47.01	43	53334.14	1.224383	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47.01_45	1024	OLDWICK PROPERTIES LLPC/O HUSTON	1 FELMLEY RD,TEWKSBURY TWP	47.01	45	429563	9.861411	TEWKSBURY TWP	HUNTERDON	Non_Residential	Planning										
1024_47.01_45.01	1024	DAVIES MARGARET A	7 FELMLEY RD,TEWKSBURY TWP	47.01	45.01	72001.34	1.652923	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	8/24/2018	E & LP							
1024_47.01_46	1024	WEICHERT JAMES M	126 OLDWICK RD,TEWKSBURY TWP	47.01	46	44302.57	1.017047	TEWKSBURY TWP	HUNTERDON	Non_Residential	Planning										
1024_47.02_1	1024	ASHTON, CHRISTOPHER / VERONICA	6 GULICK RD,TEWKSBURY TWP	47.02	1	161289.2	3.702689	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47.02_10	1024	EVERS, ERIC P & KELLY L DOWLING	8 MATHESON RD,TEWKSBURY TWP	47.02	10	218631.6	5.01909	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47.02_11	1024	MIKRUT, JEFFREY & SALLY	10 MATHESON RD,TEWKSBURY TWP	47.02	11	217179.8	4.985763	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	12/13/2017	BAYER RISSE							
1024_47.02_12	1024	FREEMAN, HOWARD J & BONNIE	12 MATHESON RD,TEWKSBURY TWP	47.02	12	130633.9	2.998942	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47.02_3	1024	ZALEWSKI, FRANK & THERESA	4 GULICK RD,TEWKSBURY TWP	47.02	3	85876.17	1.971446	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47.02_4	1024	GOYER, PETER A & PATRICIA M	19 FELMLEY RD,TEWKSBURY TWP	47.02	4	93172.23	2.13894	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47.02_5	1024	COSTELLO, BRIAN & CAROLYN DARLING	17 FELMLEY RD,TEWKSBURY TWP	47.02	5	74515.91	1.71065	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47.02_7	1024	GABINELLI, DONNA M	2 MATHESON ROAD,TEWKSBURY TWP	47.02	7	39633.62	0.909863	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47.02_8	1024	ADAM, JOYCE	4 MATHESON RD,TEWKSBURY TWP	47.02	8	72113.12	1.65549	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47.02_9	1024	MACCHIONE, JOHN B JR & VERONICA M C	6 MATHESON RD,TEWKSBURY TWP	47.02	9	149804.4	3.439036	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47_15	1024	BARTLEY, CHRISTOPHER & AURORA	14 MATHESON RD,TEWKSBURY TWP	47	15	110679.5	2.540852	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47_16	1024	WALSH, LOIS ELIZABETH JOTZ	16 MATHESON RD,TEWKSBURY TWP	47	16	116063.3	2.664447	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47_18	1024	KOTARSKI, WALTER & MARGARET	20 MATHESON RD,TEWKSBURY TWP	47	18	97777.87	2.244671	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47_19	1024	SCHIFANO, FRANCES	22 MATHESON RD,TEWKSBURY TWP	47	19	84213.97	1.933287	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47_20	1024	CORADINI, CHRISTOPHER M & BRIANNE S	24 MATHESON RD,TEWKSBURY TWP	47	20	94837.86	2.177178	TEWKSBURY TWP	HUNTERDON	Residential	Planning	REPAIR	6/8/2015	BEDMINSTER EXCAVATION							
1024_47_21	1024	KIRALY, VILMOS / DELIA MARIA	26 MATHESON RD,TEWKSBURY TWP	47	21	97412.49	2.236283	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	6/30/2016	JOHN KEARNEY							
1024_47_22	1024	SEMANCHIK RICHARD J & JENNINE	28 MATHESON RD,TEWKSBURY TWP	47	22	107675.9	2.471898	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47_23	1024	KENNEDY,JOHN	30 MATHESON RD,TEWKSBURY TWP	47	23	89874.31	2.06323	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47_25	1024	MERGHART, RENE B & DEBRA A	32 MATHESON RD, TEWKSBURY TWP	47	25	392040	9	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	9/9/2013	BAYER-RISSE ENGINEERING							
1024_47_28	1024	GALKA, FRANK & MARGARET	31 MATHESON RD,TEWKSBURY TWP	47	28	85214.41	1.956254	TEWKSBURY TWP	HUNTERDON	Non_Residential	Planning										
1024_47_29	1024	FORMICA, ANTHONY J & CAROLINE M	29 MATHESON RD,TEWKSBURY TWP	47	29	92744.35	2.129117	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47_30	1024	VERNIERI, DAVID & MINDY	27 MATHESON RD,TEWKSBURY TWP	47	30	106692.3	2.449319	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47_31	1024	ECHEVARRIA, CYNTHIA TRUSTEE	25 MATHESON RD,TEWKSBURY TWP	47	31	115050.6	2.641198	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47_32	1024	KOUMARIANOS, NICKOLAS & CHRISTINA	23 MATHESON RD,TEWKSBURY TWP	47	32	129851.9	2.98099	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47_33	1024	MCRAE, EION G & JEAN E	21 MATHESON RD,TEWKSBURY TWP	47	33	152088.6	3.491474	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47_34	1024	ANTUNES, ALEXANDER & JODI	19 MATHESON RD,TEWKSBURY TWP	47	34	142105.3	3.262289	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	10/15/2015	KURT HOFFMAN							
1024_47_35	1024	JAMIESON, SCOTT & GINA	15 MATHESON RD,TEWKSBURY TWP	47	35	129350.1	2.96947	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47_48.03	1024	FAZIO, NICHOLAS & MAGGIE M BARONE	6 NEW BROMLEY RD.,TEWKSBURY TWP	47	48.03	45197.26	1.037586	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_47_54	1024	GAGLANI, JOANNE & AJAY	14 NEW BROMLEY RD,TEWKSBURY TWP	47	54	192411.9	4.417169	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_48_1	1024	BOYD, CALEP ALLAN III	21 FELMLEY RD,TEWKSBURY TWP	48	1	174299.8	4.001373	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_48_1.01	1024	FRANCO, LESLEY M	3 GULICK RD,TEWKSBURY TWP	48	1.01	64062.44	1.470671	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_48_2	1024	GULICK, KENNETH & MABEL	23 FELMLEY RD,TEWKSBURY TWP	48	2	53307.61	1.223774	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_48_3.04	1024	RENIERIS, NIKOLAOS L & MARGARETTE Z	33 FELMLEY ROAD, TEWKSBURY TWP	48	3.04	951786	21.85	TEWKSBURY TWP	HUNTERDON	Residential	Planning	ALTERATIC	4/14/2014; 6/13/2016	STEPHEN PARKER; GULICK							
1024_49_12	1024	NOWELL, MARK / LISA M	110 OLDWICK RD,TEWKSBURY TWP	49	12	88002.61	2.020262	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_49_13	1024	ANDERSON, ANNE MARIE & IVAN W	7 NEW BROMLEY RD,TEWKSBURY TWP	49	13	186447.1	4.280236	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_49_3	1024	SOUZA, SUZANNE F & JOHN PIERRE	5 NEW BROMLEY RD,TEWKSBURY TWP	49	3	46981.26	1.078541	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_49_5	1024	AMARI, GLORIA	11 NEW BROMLEY RD,TEWKSBURY TWP	49	5	277020.6	6.359518	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_49_5.01	1024	GLYNOS, KONSTANTINOS T & ARGIRO G	102 OLDWICK RD,TEWKSBURY TWP	49	5.01	127290.7	2.922191	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_49_5.03	1024	JUNGBLUT, CHRISTINE M	9 NEW BROMLEY RD,TEWKSBURY TWP	49	5.03	144488.3	3.316994	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_49_6	1024	SPATT, MICHAEL JR	15 NEW BROMLEY RD,TEWKSBURY TWP	49	6	52294.3	1.200512	TEWKSBURY TWP	HUNTERDON	Residential	Planning										
1024_5_1.01	1024	DORNBUSCH, JAMES PAUL & SUSANNE KAY	21 BEAVERS RD,TEWKSBURY TWP	5	1.01	133601.9	3.067078	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	5/3/2013	THE PUMPER LLC							
1024_5_1.02	1024	STIMSON, DANIEL R / JO ANNE M	23 BEAVERS RD,TEWKSBURY TWP	5	1.02	135383.4	3.107976	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_1.03	1024	KLAUSER, EILEEN L	10 WHITE OAK DR,TEWKSBURY TWP	5	1.03	135171.6	3.103113	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_1.04	1024	BROWN, WILLARD JR& NICOLE EDWARDS	1 ANDREA WAY,TEWKSBURY TWP	5	1.04	130294.6	2.991152	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_1.05	1024	CONBOY, CAROLINE J	3 ANDREA WAY,TEWKSBURY TWP	5	1.05	130733.5	3.001228	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_1.06	1024	YOUNG, BRETT & MICHELLE	5 ANDREA WAY,TEWKSBURY TWP	5	1.06	146335.7	3.359405	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_1.07	1024	O'CONNOR, TIMOTHY & CORRINE	7 ANDREA WAY,TEWKSBURY TWP	5	1.07	158254.1	3.633013	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_1.08	1024	KELEMAN, JOHN & SUSAN	8 ANDREA WAY,TEWKSBURY TWP	5	1.08	139714.2	3.207396	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_1.09	1024	YEATS, BRIAN & SUSAN	6 ANDREA WAY,TEWKSBURY TWP	5	1.09	131490.9	3.018615	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_1.10	1024	SMITH MD, JAMES R	2 DOGWOOD LN,TEWKSBURY TWP	5	1.1	136284.7	3.128667	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_1.11	1024	IOSOVICH, ZINOVY MARK & RIMMA	13 WHITE OAK DR,TEWKSBURY TWP	5	1.11	132930.1	3.051655	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_1.12	1024	DARMSTADT, ROBERT W & LIZA	27 BEAVERS RD,TEWKSBURY TWP	5	1.12	129315	2.968664	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_1.13	1024	HIRSHBERG, CRAIG D	10 ANDREA WAY,TEWKSBURY TWP	5	1.13	130981.4	3.006919	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	7/19/2018	HICKS SEPTIC							
1024_5_1.14	1024	HAYMAKER, DOUGLAS J & STEPHANIE E	3 DOGWOOD LN,TEWKSBURY TWP	5	1.14	130830.4	3.003452	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_1.15	1024	SALOMON, MATTHEW & ANDREA NORBERG	2 WHITE OAK DR,TEWKSBURY TWP	5	1.15	144721.9	3.322358	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_1.16	1024	LANCE, DONNA L	1 WHITE OAK DR,TEWKSBURY TWP	5	1.16	130549.5	2.997005	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_1.17	1024	ZANELLI, CYNTHIA D	3 WHITE OAK DR,TEWKSBURY TWP	5	1.17	131494.6	3.018701	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_1.18	1024	PETAK, RUSSELL S / STEPHANIE	5 WHITE OAK DR,TEWKSBURY TWP	5	1.18	135086.3	3.101154	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_1.19	1024	TREBES, JOSEPH A	7 WHITE OAK DR,TEWKSBURY TWP	5	1.19	134363.9	3.08457	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	12/10/2013	JUSTIN HOFFMAN ESCAVATING							
1024_5_1.20	1024	DELIA, ROBERT A	9 WHITE OAK DR,TEWKSBURY TWP	5	1.2	135626	3.113545	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_1.21	1024	BAIRD, MARY ELIZABETH	11 WHITE OAK DR,TEWKSBURY TWP	5	1.21	140054.7	3.215214	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_10.01	1024	MCGERTY, STEPHEN / XAI	27 FAIRMOUNT RD WEST,TEWKSBURY TWP	5	10.01	47523.94	1.090999	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_11.01	1024	17 FAIRMOUNT LLC C/O C LANGMAN	17 FAIRMOUNT RD WEST,TEWKSBURY TWP	5	11.01	135540.9	3.11159	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	8/27/2014; 4/14/2015	KURT HOFFMAN							
1024_5_12	1024	MCAULIFFE, JAMES J & DONNA M	1 FAIRMOUNT RD WEST, TEWKSBURY TWP	5	12	2879316	66.1	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	2/21/2013	THE PUMPER, LLC							
1024_5_13	1024	ATULOMAH, UGO & DEBORAH	4 TOAD HILL RD,TEWKSBURY TWP	5	13	344133.7	7.900224	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_13.01	1024	LAVOIE, THOMAS/KAPLOW JUNE TIC	3 TOAD HILL RD,TEWKSBURY TWP	5	13.01	377307.1	8.66178	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_5_13.02	1024	QUINN, KEVIN / LISA	2 TOAD HILL RD,TEWKSBURY TWP	5	13.02	200974.5	4.613739	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_13.03	1024	HOSSAIN, AKHTAR / ALICJA	1 TOAD HILL RD,TEWKSBURY TWP	5	13.03	231187.3	5.30733	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_16	1024	WARNER, MARK	15 FROG HOLLOW RD,TEWKSBURY TWP	5	16	523831.4	12.02551	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_2.03	1024	HUNTER, THOMAS M & ELISE	35 FAIRMOUNT RD W,TEWKSBURY TWP	5	2.03	131581.5	3.020695	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_2.05	1024	WYANT, JAMES / ALYSSA	17 BEAVERS RD,TEWKSBURY TWP	5	2.05	129461	2.972015	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_2.06	1024	GULLO, ROBERT R	15 BEAVERS RD,TEWKSBURY TWP	5	2.06	272063.9	6.245728	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_2.07	1024	MARANO, JANICE	13 BEAVERS RD,TEWKSBURY TWP	5	2.07	131233.5	3.012707	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_2.08	1024	NICOL, DOUGLAS & CYNTHIA	11 BEAVERS RD,TEWKSBURY TWP	5	2.08	282409.5	6.48323	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_2.10	1024	PANRECK, HERMANN B & LISA S	51 FAIRMOUNT RD WEST,TEWKSBURY TWP	5	2.1	130996	3.007255	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_2.11	1024	MAIONE, JOHN A & KAREN	47 FAIRMOUNT RD WEST,TEWKSBURY TWP	5	2.11	132276.9	3.036659	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_2.12	1024	GIBSON, DALE C & BETSY P	45 FAIRMOUNT RD WEST,TEWKSBURY TWP	5	2.12	130706	3.000598	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_2.13	1024	SCHADT, RANDALL JAMES / RACHEL ROSE	43 FAIRMOUNT RD WEST,TEWKSBURY TWP	5	2.13	194961.3	4.475696	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR; AL	1/22/2013; 10/14/201	FAR HILLS EXCAVATION; APGAR ASSOCIATES							
1024_5_2.14	1024	ECKERT, WILLIAM J IV & LEILA L	41 WEST FAIRMOUNT WEST,TEWKSBURY TWP	5	2.14	133799.1	3.071605	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_3	1024	CONTRINO, GEORGE & KELLY	9 BEAVERS RD,TEWKSBURY TWP	5	3	156822.6	3.600151	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_4	1024	LYNCH, BEATRICE	7 BEAVERS ROAD,TEWKSBURY TWP	5	4	112582	2.584528	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_5	1024	DESERIO, KATHY	5 BEAVERS RD,TEWKSBURY TWP	5	5	83841.71	1.924741	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_6	1024	SPRATFORD, MARK & DONNA	3 BEAVERS RD,TEWKSBURY TWP	5	6	75774.77	1.739549	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_7	1024	TENERELLI, MICHELE	1 BEAVERS RD,TEWKSBURY TWP	5	7	57451.59	1.318907	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_8	1024	WASITOWSKI, OIHA	39 FAIRMOUNT RD WEST,TEWKSBURY TWP	5	8	200386.9	4.600251	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_5_9	1024	HEIMOWITZ, JO ANNE	37 FAIRMOUNT RD WEST,TEWKSBURY TWP	5	9	39172.16	0.899269	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_10	1024	ELLIOTT, ROBERT /DEAN, AMY	23 SAW MILL RD,TEWKSBURY TWP	51	10	138493.1	3.179363	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_100	1024	THANJAN, KOCHU K & SANTHA K	146 ROCKAWAY RD,TEWKSBURY TWP	51	100	135368.8	3.10764	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_101	1024	EBER, MICHAEL	148 ROCKAWAY RD,TEWKSBURY TWP	51	101	163042.5	3.74294	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_102	1024	BLACKFORD, ALFRED F & JOYCE A	6A ROCKY GLEN WAY,TEWKSBURY TWP	51	102	254098.7	5.833304	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_103	1024	FLEGG, BRIAN	6 ROCKY GLEN WAY,TEWKSBURY TWP	51	103	149193.6	3.425013	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_103.01	1024	ISOLDE, RICHARD J/KEPENIS, ALLISON	4 ROCKY GLEN WAY,TEWKSBURY TWP	51	103.01	143108.9	3.285329	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_103.02	1024	HICKEY, STEPHANIE	8 ROCKY GLEN WAY,TEWKSBURY TWP	51	103.02	132945.5	3.052009	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_104	1024	SPERTUS, SILVANA H	154 ROCKAWAY RD,TEWKSBURY TWP	51	104	140391	3.222933	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_105	1024	156 ROCKAWAY RD LLC	156 ROCKAWAY RD,TEWKSBURY TWP	51	105	137862.2	3.16488	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_106	1024	ZYLA, KURT & CHRISTINE ENDRIS	306 MAIN ST-MOUNTAINVILLE,TEWKSBURY TWP	51	106	127177.4	2.919592	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_106.01	1024	OGARA, ROBERT D & DEBORAH BLOORE	3 ROCKY GLEN WAY,TEWKSBURY TWP	51	106.01	131013.4	3.007655	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_106.02	1024	FLOWERS, ROBERT D & JENNY LOU	5 ROCKY GLEN WAY,TEWKSBURY TWP	51	106.02	137392.6	3.154101	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_106.03	1024	PAE, KOOK & CHAN	7 ROCKY GLEN WAY,TEWKSBURY TWP	51	106.03	132824.6	3.049234	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	10/24/2016	KURT HOFFMAN						
1024_51_106.04	1024	WEYRAUCH, WILLIAM W & VERONICA	12 ROCKY GLEN WAY,TEWKSBURY TWP	51	106.04	236134.3	5.420898	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_106.05	1024	LEPARI, STEVEN J & GLORIA	10 ROCKY GLENN WAY,TEWKSBURY TWP	51	106.05	131968.1	3.02957	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_110	1024	IANNIELLO, ANTHONY	34 RIDGE RD,TEWKSBURY TWP	51	110	307067.5	7.0493	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_12	1024	ZOLLA, DONNA/M LUSTBADER/S LEVY	14 MOUNTAIN RD,TEWKSBURY TWP	51	12	235091.1	5.396948	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_124	1024	DEVLIN, NICHOLAS & ELIZABETH	312 MAIN ST-MOUNTAINVILLE,TEWKSBURY TWP	51	124	21532.1	0.494309	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_13	1024	DAINOSKI, WILLIAM F	27 SAW MILL RD,TEWKSBURY TWP	51	13	18986.68	0.435874	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_15	1024	LANZA, SUSAN E	29 SAW MILL RD,TEWKSBURY TWP	51	15	13341.83	0.306286	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_16	1024	MELCHIORRE, RUTH E	31 SAW MILL RD,TEWKSBURY TWP	51	16	39435.44	0.905313	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_17	1024	ERCOLANO, NEAL A & JENNIFER A	33 SAW MILL RD,TEWKSBURY TWP	51	17	21232.56	0.487432	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_18	1024	DONAHUE, DENNIS J/JUDITH G	8 MOUNTAIN RD,TEWKSBURY TWP	51	18	129912	2.982369	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_22	1024	DIFAZIO, ROBERT & RITA	4 MOUNTAIN RD,TEWKSBURY TWP	51	22	140022.2	3.214468	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_23	1024	GILSON, DARCY	6 MOUNTAIN RD,TEWKSBURY TWP	51	23	200299.6	4.598246	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_24	1024	WARKENTIN DONALD L & MARYELLEN	31-A SAW MILL RD,TEWKSBURY TWP	51	24	163637.4	3.756597	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_24.01	1024	LAGOLA, JOHN & JOANNE	12 MOUNTAIN RD,TEWKSBURY TWP	51	24.01	143157.6	3.286446	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_24.02	1024	CLAYTON, GEORGE /KERESTY, GEORGIA	10 MOUNTAIN RD,TEWKSBURY TWP	51	24.02	172351.6	3.956649	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_25	1024	ROWAN, ROBERT & ALEXANDRA	1 RIDGE RD,TEWKSBURY TWP	51	25	142744	3.27695	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_26	1024	BECKER, PETER / MAXIM SANDRA	3 RIDGE RD,TEWKSBURY TWP	51	26	162591.7	3.732591	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_27	1024	FRANTZ, MICHAEL C & IRENE A TRUSTEE	5 RIDGE RD,TEWKSBURY TWP	51	27	135015.8	3.099536	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	6/1/2015	STEPHEN PARKER							
1024_51_28	1024	ULICH,JEFFREY/JEFFREY,DIANA M	9 RIDGE RD,TEWKSBURY TWP	51	28	137990.7	3.167831	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_29	1024	TOBASE, SHUICHI / CAROLINE	11 RIDGE RD,TEWKSBURY TWP	51	29	158898.7	3.647812	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_3	1024	MATHEWS DANIEL A & ROBERTA M	11 SAW MILL RD,TEWKSBURY TWP	51	3	139677.1	3.206544	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_30	1024	KOLODZIEJ, ROBERT P & REGINA M	13 RIDGE RD,TEWKSBURY TWP	51	30	168331.8	3.864367	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_31	1024	SUGG, MICHAEL D / NADINE D	15 RIDGE RD,TEWKSBURY TWP	51	31	167211.4	3.838646	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_32	1024	CANADAY LESLIE A	17 RIDGE RD,TEWKSBURY TWP	51	32	138674.7	3.183534	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	1/11/2018	KURT HOFFMAN						
1024_51_33	1024	O'NEILL, VIRGINIA F	19 RIDGE RD,TEWKSBURY TWP	51	33	141217.8	3.241915	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	10/18/2017	BAYER RISSE						
1024_51_34	1024	NACAMULI, ROBERT J & PATRICIA	21 RIDGE RD,TEWKSBURY TWP	51	34	138713.5	3.184425	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_35	1024	KANE PHILIP A III & MARIANNE A	23 RIDGE RD,TEWKSBURY TWP	51	35	178132.5	4.08936	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	11/14/2017	HERCULES SEPTIC						
1024_51_36	1024	MARTIN, LAWRENCE W	27 RIDGE RD,TEWKSBURY TWP	51	36	25000.01	0.573921	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_39	1024	STRANSKY, JOSEPH C & BARBARA	25 RIDGE RD,TEWKSBURY TWP	51	39	52550.37	1.206391	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_40	1024	PETROGNANI, RENE M / LUCY	31 RIDGE RD,TEWKSBURY TWP	51	40	213050.4	4.890963	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_41	1024	STAINNER, JAMES & ALICE	33 RIDGE RD,TEWKSBURY TWP	51	41	195293	4.483311	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_42	1024	SWENSON, EDITH P & SANDRA S SHERBUK	35 RIDGE RD,TEWKSBURY TWP	51	42	185423.3	4.256734	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_43	1024	WHITE, PATRICK M & MAUREEN O'GRADY	37 RIDGE RD,TEWKSBURY TWP	51	43	183055.5	4.202375	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_44	1024	WORDEN, LOUIS R & LINDA E HOFFMAN	39 RIDGE RD,TEWKSBURY TWP	51	44	134948.7	3.097995	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	7/15/2015	RBZ ENTERPRISES							
1024_51_45	1024	MURRAY, KEVIN D & WENDY H	41 RIDGE RD,TEWKSBURY TWP	51	45	141000.1	3.236916	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_45.01	1024	O'NEILL, JOSEPH A & MARY J VAN HORN	43 RIDGE RD,TEWKSBURY TWP	51	45.01	240208.4	5.514427	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_46	1024	LEE, PEARL	45 RIDGE RD,TEWKSBURY TWP	51	46	234235.6	5.377309	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_46.01	1024	GORTON, JOHN & SCARLET	38 RIDGE RD,TEWKSBURY TWP	51	46.01	281213.8	6.45578	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_50	1024	READEE DEVELOPERS INC	32 RIDGE RD,TEWKSBURY TWP	51	50	166220.7	3.815903	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_51	1024	CHASE, JOHN & DIANE	30 RIDGE RD,TEWKSBURY TWP	51	51	198769	4.563109	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_51_52	1024	JOHNSEN, RICHARD P & JUDITH ANN	26 RIDGE RD,TEWKSBURY TWP	51	52	131357.8	3.015559	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_52.01	1024	BONAVENTURA, ELLEN M	24 RIDGE RD,TEWKSBURY TWP	51	52.01	134838.5	3.095466	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_52.02	1024	MAHONEY, MICHAEL A & TRISHA S	28 RIDGE RD,TEWKSBURY TWP	51	52.02	132294.2	3.037056	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_53	1024	CHAN, KEVIN & OI HAR LEUNG	6 HONEYMAN RD,TEWKSBURY TWP	51	53	130691.8	3.00027	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_54	1024	STEEG, ROBERT H & JEAN A	8 HONEYMAN RD,TEWKSBURY TWP	51	54	130709.2	3.00067	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_55	1024	RONGA, VINCENT & LOUISE MONTAGNA	10 HONEYMAN RD,TEWKSBURY TWP	51	55	130820.1	3.003216	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_56	1024	KIMMEL, STEVEN / JANE P	12 HONEYMAN RD,TEWKSBURY TWP	51	56	130508.5	2.996064	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_57	1024	OSMUN, DAVID / SUSAN LUSQUINOS	14 HONEYMAN RD,TEWKSBURY TWP	51	57	134279.6	3.082636	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_58	1024	FLOYD, RANDOLPH S	13 HONEYMAN RD,TEWKSBURY TWP	51	58	205506.3	4.717776	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_59	1024	FRITZ, BRIAN & LYSA	11 HONEYMAN RD,TEWKSBURY TWP	51	59	132546.9	3.042858	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_60	1024	FERRARI, JON R & ROSALIE J	9 HONEYMAN RD,TEWKSBURY TWP	51	60	130656.1	2.999451	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_61	1024	KOVACS, EVELYN D	7 HONEYMAN RD,TEWKSBURY TWP	51	61	130695	3.000344	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	9/20/2017	EFM BUILDERS							
1024_51_62	1024	FOX, JAMES & JULIANNE	5 HONEYMAN RD,TEWKSBURY TWP	51	62	130677.1	2.999933	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	10/17/2013	DELAWARE VALLEY SEPTIC							
1024_51_63	1024	SAWCZUK, ANITA TRUSTEE	7 BARTLES RD,TEWKSBURY TWP	51	63	130652.4	2.999366	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	9/18/2017	TRI-COUNTY SEPTIC							
1024_51_64	1024	SIMON, WILLIAM K	4 PRUNER FARM RD,TEWKSBURY TWP	51	64	130702.2	3.000511	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	10/16/2012	ROBERT K RUTAN							
1024_51_65	1024	DORR, JEFFREY J H & TUYET T	6 PRUNER FARM RD,TEWKSBURY TWP	51	65	130740.1	3.001379	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR; RE	6/18/2015; 7/13/2015	TOBY BARKMAN EXCAVATING; TOBY BARKMAN EXCAVATING, INC							
1024_51_66	1024	HOYVALD, NEILS & LOUISE	8 PRUNER FARM RD,TEWKSBURY TWP	51	66	130693.6	3.000312	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	KURT HOFI	4/4/2012	ALTERATION							
1024_51_67	1024	WINNICKY, CHARLES J & LORETTA	10 PRUNER FARM RD,TEWKSBURY TWP	51	67	146879.4	3.371886	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_68	1024	CHARLESTON, BRETT F & BETH E DINCUF	12 PRUNER FARM RD,TEWKSBURY TWP	51	68	189539.9	4.351237	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_69	1024	SCOTT, JOHN & JILL	14 PRUNER FARM RD,TEWKSBURY TWP	51	59	170187.5	3.906966	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_70	1024	PICKERING, LARRY G & SUSANNE E	16 PRUNER FARM RD,TEWKSBURY TWP	51	70	130673.7	2.999854	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_71.01	1024	PAULUS, WILLIAM W & MARIJO	18 PRUNER FARM RD,TEWKSBURY TWP	51	71.01	132483.6	3.041405	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_71.02	1024	METHFESSEL, KATHLEEN S	20 PRUNER FARM RD,TEWKSBURY TWP	51	71.02	140355.1	3.222109	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	2/13/2018	HICKS SEPTIC							
1024_51_71.03	1024	WYDNER, DANIEL L & DAWN L	22 PRUNER FARM RD,TEWKSBURY TWP	51	71.03	157332.9	3.611866	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	10/28/2015	PEACH BROTHERS							
1024_51_71.04	1024	SHERIDAN, MARK D & JENNIFER V	24 PRUNER FARM RD,TEWKSBURY TWP	51	71.04	130233.5	2.98975	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_71.05	1024	O'SHAUGHNESSY, LAWRENCE J & JOAN	26 PRUNER FARM RD,TEWKSBURY TWP	51	71.05	136195.2	3.126611	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_71.06	1024	MAGALIO, ALBERT & CAMILLE	17 PRUNER FARM RD,TEWKSBURY TWP	51	71.06	130569.7	2.997467	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_71.07	1024	QUICK, RICHARD / SANDRA	15 PRUNER FARM RD,TEWKSBURY TWP	51	71.07	130798.4	3.002719	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_72	1024	DAAL, SCOTT V /CRUISE, TRACY L	13 PRUNER FARM RD,TEWKSBURY TWP	51	72	138616.5	3.182196	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_73	1024	HESSE, BRUCE & ROSEMARY J	11 PRUNER FARM RD,TEWKSBURY TWP	51	73	130663.6	2.999623	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_74	1024	REEP, SCOTT & HELEN	2 MARTENS RD,TEWKSBURY TWP	51	74	140947.1	3.2357	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_75	1024	SCANCELLA, VINCENT J & BEVERLY W	4 MARTENS RD,TEWKSBURY TWP	51	75	188069.2	4.317475	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_76	1024	BUEHLER, WILLIAM & AMY	6 MARTENS RD,TEWKSBURY TWP	51	76	130686	3.000137	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_77	1024	FABIANO, PAUL T & JOANNE COLABELLA	36 PARSONAGE LOT RD,TEWKSBURY TWP	51	77	130893.3	3.004896	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_78	1024	BLACKFORD DONALD S	34 PARSONAGE LOT RD,TEWKSBURY TWP	51	78	130680.1	3.000002	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_79	1024	PRINCE, MONTE J & VALERIE T	32 PARSONAGE LOT RD,TEWKSBURY TWP	51	79	130267.5	2.990531	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_79.01	1024	FARRANT, JOHN M & HELEN MARIE	30 PARSONAGE LOT RD,TEWKSBURY TWP	51	79.01	130952.2	3.006249	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_79.02	1024	HOLAHAN, CHRISTOPHER J / JENNIFER D	28 PARSONAGE LOT RD,TEWKSBURY TWP	51	79.02	130606	2.998302	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_79.03	1024	VARNEY, STEPHEN H	26 PARSONAGE LOT RD,TEWKSBURY TWP	51	79.03	130746.1	3.001517	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_8	1024	SLAWSON, STEVEN E & KATHRYN AICHER	19 SAW MILL RD,TEWKSBURY TWP	51	8	222012.3	5.096701	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_80.01	1024	PU, RUCHUN & YING HUA LANG	22 PARSONAGE LOT RD,TEWKSBURY TWP	51	80.01	131199.7	3.011931	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	8/16/2017	CHARLES MATARAZZO							
1024_51_80.02	1024	SMITH, BRIAN & BARBARA	20 PARSONAGE LOT RD,TEWKSBURY TWP	51	80.02	130776.1	3.002207	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_80.03	1024	KOLLER, MARK & LAURA	18 PARSONAGE LOT RD,TEWKSBURY TWP	51	80.03	129823.8	2.980344	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	6/30/2016	TP TREZZA							
1024_51_80.08	1024	BLIGH, MARTIN JAMES	78 HILL & DALE RD, TEWKSBURY TWP	51	80.08	548856	12.6	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	NEW	9/27/2013	FERRIERO ENGINEERING							
1024_51_81	1024	FAHEY JR, BRIAN W	76 HILL & DALE RD,TEWKSBURY TWP	51	81	226828.6	5.207269	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_83	1024	REGA, JOSEPH A & YASMIN A	104 ROCKAWAY RD,TEWKSBURY TWP	51	83	112767.7	2.588789	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_84	1024	FRAZE, R LAWRENCE & CAROL H	106 ROCKAWAY RD,TEWKSBURY TWP	51	84	116420.9	2.672656	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_85	1024	D'ANNUNZIO, WILLIAM D & GLORIA C	112 ROCKAWAY RD,TEWKSBURY TWP	51	85	237166.3	5.444589	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_85.01	1024	ZITO, ROBERT T & DORIS S	114 ROCKAWAY RD,TEWKSBURY TWP	51	85.01	345067.8	7.921667	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_86	1024	MORELAND, SEAN R & MARGIE B	116 ROCKAWAY RD,TEWKSBURY TWP	51	86	60460.86	1.38799	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_87	1024	SCOTT, JOSEPH B & MERIDITH L	118 ROCKAWAY RD,TEWKSBURY TWP	51	87	63095.64	1.448477	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_88	1024	WURST, JONATHAN S & MARY ANN	120 ROCKAWAY RD,TEWKSBURY TWP	51	88	39377.04	0.903972	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_89	1024	PATRICK, BRIAN R /HALSTEAD, MICHELE	122 ROCKAWAY RD,TEWKSBURY TWP	51	89	281759.2	6.4683	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_9	1024	CUCCARO, LINDA	21 SAW MILL RD,TEWKSBURY TWP	51	9	296173.7	6.799213	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_90	1024	KOHLHEPP, BENJAMIN	124 ROCKAWAY RD,TEWKSBURY TWP	51	90	130832.7	3.003506	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_92	1024	GARDNER, ROBERT E & ANN M	124-A ROCKAWAY RD,TEWKSBURY TWP	51	92	239744	5.503765	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	5/17/2016	STEPHEN PARKER							
1024_51_93	1024	DE BALD, WILLIAM	126 ROCKAWAY RD,TEWKSBURY TWP	51	93	144044.4	3.306804	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_94	1024	BRENNAN, ANNEMARIE	128 ROCKAWAY RD,TEWKSBURY TWP	51	94	86827.68	1.993289	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_95	1024			51	95			TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	10/13/2016	BAYER- RISSE							
1024_51_96	1024	YOUNG, THOMAS F & NANCY B	138 ROCKAWAY RD,TEWKSBURY TWP	51	96	76679.87	1.760328	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_51_97	1024	BECHT, EDWARD & EILEEN	140 ROCKAWAY RD,TEWKSBURY TWP	51	97	129070.3	2.963047	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	4/9/2015	GARDEN STATE SEPTIC							
1024_52_1	1024	STEELE, JUSTIN R & JENNA S	3 PRUNER FARM RD,TEWKSBURY TWP	52	1	139796.4	3.209284	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	12/16/2013	CAREAGA ENGINEERING							
1024_52_10	1024	BRAKEWOOD, HAROLD E & KELLY S M	5 PRUNER FARM RD,TEWKSBURY TWP	52	10	130687.1	3.000163	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_52_2	1024	JOHNSTONE, PHYLLIS N	5 BARTLES RD,TEWKSBURY TWP	52	2	130725.5	3.001044	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_52_3	1024	NOVICK, JOANNE C	3 BARTLES RD,TEWKSBURY TWP	52	3	131310.4	3.014471	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_52_4	1024	MAYER, WILLARD A	1 BARTLES RD,TEWKSBURY TWP	52	4	130693.9	3.000318	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_52_5	1024	HELLWIG ARTHUR T & SHARON D.	42 PARSONAGE LOT RD,TEWKSBURY TWP	52	5	130693.1	3.0003	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_52_6	1024	DISANZA, JOHN & JODYLYNN	40 PARSONAGE LOT RD,TEWKSBURY TWP	52	6	131312.3	3.014515	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_52_7	1024	GABRIELE, JOHN	38 PARSONAGE LOT RD,TEWKSBURY TWP	52	7	130714.7	3.000797	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_52_8	1024	DIEGNAN,NORMAN F/ANITA P TIC	3 MARTENS RD,TEWKSBURY TWP	52	8	138915.9	3.189071	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_52_9	1024	BREE, DERMOT & ANNE MARIE	1 MARTENS RD,TEWKSBURY TWP	52	9	147684.4	3.390367	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.01_24.03	1024	POHNDORF, MICHAEL D & AMY K	4 CROSS BROOK DR,TEWKSBURY TWP	6.01	24.03	60573.7	1.390581	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.01_24.04	1024	MERKEL, LOIS B	6 CROSS BROOK DR,TEWKSBURY TWP	6.01	24.04	69372.38	1.592571	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_6.01_24.05	1024	CONTRINO, GEORGE J & SUSAN M	8 CROSS BROOK DRIVE,TEWKSBURY TWP	6.01	24.05	68517.94	1.572956	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.01_24.06	1024	GEARITY, JOHN A / DEBORAH A	10 CROSS BROOK DR,TEWKSBURY TWP	6.01	24.06	66340.14	1.52296	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.01_24.07	1024	FRISCO, LEONARD H	11 TAMARACK FARM LN,TEWKSBURY TWP	6.01	24.07	69496.76	1.595426	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.01_24.08	1024	BOGUT,ARTHUR	15 TAMARACK FARM LN,TEWKSBURY TWP	6.01	24.08	68194.38	1.565527	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.01_24.09	1024	SARACINO, ROBERT P & KAREN	19 BIG SPRING RD,TEWKSBURY TWP	6.01	24.09	66770.93	1.53285	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.01_24.10	1024	WIDTH, RICHARD R & VICTORIA P	21 BIG SPRING RD,TEWKSBURY TWP	6.01	24.1	63754.06	1.463592	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.01_24.11	1024	CARHART JEAN B	17 BIG SPRING RD,TEWKSBURY TWP	6.01	24.11	66093.4	1.517296	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	9/5/2018	KURT HOFFMAN ENGINEERING							
1024_6.01_24.12	1024	ZUJKOWSKI, THOMAS / CATHY M TIC	15 BIG SPRING RD,TEWKSBURY TWP	6.01	24.12	67543.51	1.550586	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.01_24.13	1024	FIELDER, DAVID J & MARILYN C	13 BIG SPRING RD,TEWKSBURY TWP	6.01	24.13	63815.11	1.464993	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.01_24.14	1024	NEWARSKI/OPPEDISANO, LAURA/BRIDGETT	11 BIG SPRING RD,TEWKSBURY TWP	6.01	24.14	66893.81	1.535671	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.01_24.15	1024	CHARNIGA, JAMES T & LAUREN D	9 BIG SPRING RD,TEWKSBURY TWP	6.01	24.15	63291.04	1.452962	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.02_24.01	1024	ESPOSITO MICHAEL R & DEBRA	1 BIG SPRING RD,TEWKSBURY TWP	6.02	24.01	70091.48	1.609079	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.02_24.02	1024	PEREYRA, BARBARA F	65 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.02	24.02	66253.23	1.520965	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	43399	PARKER ENGINEERING							
1024_6.02_24.03	1024	LORENTZ, ROBERT F & SANDRA G	67 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.02	24.03	66826.04	1.534115	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.02_24.04	1024	ALLEN, STEPHEN L / CYNTHIA	69 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.02	24.04	67972.27	1.560429	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.02_24.05	1024	FEDEROWICZ, RICHARD S	71 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.02	24.05	69929.28	1.605355	TEWKSBURY TWP	HUNTERDON	Non_Residential	Preservation										
1024_6.02_24.06	1024	KONOPADA, ROBERT J & GAIL A	73 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.02	24.06	70450.86	1.617329	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.02_24.07	1024	DAVIDSON, GREGORY / ALEXANDRA DILLY	75 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.02	24.07	69362.4	1.592341	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.02_24.08	1024	MORRIS, VINCENT	1 TAMARACK FARM LN,TEWKSBURY TWP	6.02	24.08	75580.72	1.735095	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	11/26/2018	THE PUMPER							
1024_6.02_24.09	1024	RAPP, JUDY LYNN & JUDITH ANN	3 TAMARACK FARM LN,TEWKSBURY TWP	6.02	24.09	83191.96	1.909825	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	11/17/2015	AARON EXCAVATING							
1024_6.02_24.10	1024	BROWN, DOUGLAS R & HEATHER D H	5 TAMARACK FARM LN,TEWKSBURY TWP	6.02	24.1	72417.09	1.662468	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.02_24.11	1024	GUGLIELMO, SEBASTIAN & LAURA S	7 TAMARACK FARM LN,TEWKSBURY TWP	6.02	24.11	59723.89	1.371072	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.02_24.12	1024	HODULIK, MATTHEW & GINGER	9 CROSS BROOK DR,TEWKSBURY TWP	6.02	24.12	66933.67	1.536586	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.02_24.13	1024	AUNGER, GEOFFREY E & JANENE A	7 CROSS BROOK DR,TEWKSBURY TWP	6.02	24.13	74451.48	1.709171	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.02_24.14	1024	MULROONY, KEVIN J & LORI	5 CROSS BROOK DRIVE,TEWKSBURY TWP	6.02	24.14	68805.17	1.579549	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.02_24.15	1024	SCHERTL, PAUL & SUSAN	3 CROSS BROOK DR,TEWKSBURY TWP	6.02	24.15	68818.29	1.57985	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.02_24.17	1024	CERRATO, JOSEPH R & DIANE	3 BIG SPRING RD,TEWKSBURY TWP	6.02	24.17	66005.24	1.515272	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	8/31/2017	KURT HOFFMAN							
1024_6.03_1	1024	FRANCISCONE, JOSEPH M	6 SALTERS FARM RD,TEWKSBURY TWP	6.03	1	48043.14	1.102919	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.03_2	1024	PROTINSKY, HENRY S & JOANNE M	14 SALTER'S FARM RD,TEWKSBURY TWP	6.03	2	57961.68	1.330617	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.03_3	1024	PENTZ, NICHOLAS A / JENNIFER A	12 SALTER'S FARM RD,TEWKSBURY TWP	6.03	3	44893.32	1.030609	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.03_4	1024	BURRELL ROAD LLC	10 SALTER'S FARM RD,TEWKSBURY TWP	6.03	4	50542.17	1.160289	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.03_5	1024	RICHARDS, SHERI L	8 SALTERS FARM RD,TEWKSBURY TWP	6.03	5	49501.24	1.136392	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1	1024	STENVALL WARREN R & DEBRA F	31 BIG SPRING RD,TEWKSBURY TWP	6.04	1	98708.63	2.266038	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	8/9/2018	DOUGLAS E. FINE, P.E.							
1024_6.04_1.02	1024	CAWS, ROY GREGORY & MICHELE ZEBERT	9 BEACON LIGHT RD,TEWKSBURY TWP	6.04	1.02	120385.7	2.763676	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.03	1024	CARDILLO, RALPH C JR & DIANE F	11 BEACON LIGHT RD,TEWKSBURY TWP	6.04	1.03	95245.59	2.186538	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.04	1024	WEIPPERT, DAVID A & JEAN L	15 BEACON LIGHT RD,TEWKSBURY TWP	6.04	1.04	97408.76	2.236197	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.05	1024	KAHN, GREGG S & DAWN KELLNER	17 BEACON LIGHT RD,TEWKSBURY TWP	6.04	1.05	98321.06	2.257141	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.06	1024	MEMOLI, JERRY & JULIE	5 DEGE FARM RD,TEWKSBURY TWP	6.04	1.06	221085.2	5.075418	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.07	1024	RODRIGUES, RUI / MONICA ESTEVEZ-	7 DEGE FARM RD,TEWKSBURY TWP	6.04	1.07	93742.24	2.152026	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.08	1024	RAPOSO, DAVID L & CAROL A	9 DEGE FARM RD,TEWKSBURY TWP	6.04	1.08	86293.34	1.981022	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.09	1024	LESTRANGE, JAMES P & NANCY J	11 DEGE FARM RD,TEWKSBURY TWP	6.04	1.09	92312.73	2.119209	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.10	1024	SCALERA, MARK D & VICTORIA A	15 DEGE FARM RD,TEWKSBURY TWP	6.04	1.1	95856.49	2.200562	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.11	1024	GRAF, SCOTT & SUSAN	17 DEGE FARM RD,TEWKSBURY TWP	6.04	1.11	99194.81	2.277199	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	8/7/2013	HERCULES SEPTIC							
1024_6.04_1.12	1024	SOLEWSKI, ROBERT A & CHRISTINE	19 DEGE FARM RD,TEWKSBURY TWP	6.04	1.12	90390.77	2.075086	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.13	1024	OWEN, GEORGE P & GEORGE DONZELLA	22 TERRILL DR,TEWKSBURY TWP	6.04	1.13	91476.23	2.100005	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.14	1024	KIM, PHILIP /LEE, JISU	20 TERRILL DR,TEWKSBURY TWP	6.04	1.14	103818.9	2.383353	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.15	1024	HEINTJES, CHARLOTTE	18 TERRILL DR,TEWKSBURY TWP	6.04	1.15	88137.81	2.023366	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.16	1024	RICHARDS, ROBERT J & CYNTHIA M	16 TERRILL DR,TEWKSBURY TWP	6.04	1.16	89865.16	2.06302	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.17	1024	HODUM JR, ANTHONY H / SHORENA	14 TERRILL DR,TEWKSBURY TWP	6.04	1.17	91682.87	2.104749	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.18	1024	OLIU, RAMON JR & LESLEE ROBINSON	12 TERRILL DR,TEWKSBURY TWP	6.04	1.18	88235.36	2.025605	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.19	1024	BISCHOFF, BRADFORD J & TANYA M	10 TERRILL DR,TEWKSBURY TWP	6.04	1.19	89326.13	2.050646	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.20	1024	BONAVITO, ROBERT A & COLLEEN	3 CODDINGTON LN,TEWKSBURY TWP	6.04	1.2	94468.19	2.168691	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.21	1024	STURMAN, PAUL L & KELLY	5 CODDINGTON LN,TEWKSBURY TWP	6.04	1.21	89373.63	2.051736	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.22	1024	RENNA, EMILIO & ANNA	7 CODDINGTON LN,TEWKSBURY TWP	6.04	1.22	89225.44	2.048334	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_1.23	1024	KOEPPE, ADAM C & KRISTINE A	9 CODDINGTON LN,TEWKSBURY TWP	6.04	1.23	88216.63	2.025175	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_11	1024	SMITH, RICHARD M/DAWN C EASTABROOKS	143 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.04	11	164432.4	3.774849	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_11.01	1024	SPILMAN, LARRY D & MARY ANN	145 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.04	11.01	163982.8	3.764527	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_13	1024	WOJCIK,BENJAMIN	137 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.04	13	61543.31	1.41284	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_14	1024	SHAFFER,JAY EST	135 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.04	14	40294.31	0.92503	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_15	1024	CAMERON JAMES & SHERRY	133 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.04	15	39182.82	0.899514	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_16	1024	ABBONDANZO, RICHARD L	117 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.04	16	61551.42	1.413026	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_17	1024	HOLMES THOMAS A III & BARBARA A	113 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.04	17	39764.03	0.912857	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_18	1024	RUSSO, EUGENE J & DEBORAH L	111 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.04	18	39421.63	0.904996	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_19	1024	KIANI, DOMINIKA	109 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.04	19	42472.91	0.975044	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_2	1024	MALAQUIAS, SCOTT & MELANIE T	33 BIG SPRING RD,TEWKSBURY TWP	6.04	2	104913.1	2.408472	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_2.01	1024	GRISEWOOD, NORMAN C & SHIRLEY R	251 OLD TURNPIKE RD,TEWKSBURY TWP	6.04	2.01	238746.9	5.480874	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_21	1024	BURKE, BRANDY K/HECTOR R MILIAN	105 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.04	21	82311.57	1.889614	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	8/18/2017	CHARLIE MATARAZZO							
1024_6.04_22	1024	RUSSONIELLO, GERARD & MARY	103 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.04	22	105838	2.429707	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.03	1024	ZUZIK, THOMAS & ELAINE	97 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.04	23.03	128749.7	2.955686	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.05	1024	VOYCE, WILLIAM J & JANICE A	101 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.04	23.05	186514.1	4.281774	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.06	1024	ESPOSITO, THOMAS / ANN	83 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.04	23.06	117459.4	2.696496	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.07	1024	SCHOBEL, TODD & DIANA M	1 PACE FARM RD,TEWKSBURY TWP	6.04	23.07	99713.49	2.289107	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.08	1024	ZUZEK, BOJAN & ALBINA	3 PACE FARM RD,TEWKSBURY TWP	6.04	23.08	89756.71	2.060531	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_6.04_23.09	1024	NANDAL, CHANDER B & KRISHNA	5 PACE FARM RD,TEWKSBURY TWP	6.04	23.09	93577.89	2.148253	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.10	1024	MATHEWS, WILLIAM T & CYNTHIA S	7 PACE FARM RD,TEWKSBURY TWP	6.04	23.1	100241.5	2.301229	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.11	1024	MARTURANA, ADAM & PATRICE	9 PACE FARM RD,TEWKSBURY TWP	6.04	23.11	99868.23	2.292659	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.12	1024	MURRAY, V PAUL JR & JULIE L	12 PACE FARM RD,TEWKSBURY TWP	6.04	23.12	85923.74	1.972538	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.13	1024	SPADA, JOHN & KELLY ANN	10 PACE FARM RD,TEWKSBURY TWP	6.04	23.13	99871.08	2.292725	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.14	1024	GARISON, ROBERT R & KIMBERLY A	2 FLEMING RD,TEWKSBURY TWP	6.04	23.14	79262.13	1.819608	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.15	1024	CARDAMONE, ROBERT E & DONNA M	1 FLEMING RD,TEWKSBURY TWP	6.04	23.15	117163.4	2.689702	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.16	1024	ANTONELLI, PAUL & BARBARA ETALS	8 PACE FARM RD,TEWKSBURY TWP	6.04	23.16	94908.84	2.178807	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.17	1024	WEINMAN, ROBERT & LESLIE	6 PACE FARM RD,TEWKSBURY TWP	6.04	23.17	84525.34	1.940435	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.18	1024	ANNUNZIATA, FRANK & SUSAN	4 PACE FARM RD,TEWKSBURY TWP	6.04	23.18	80859.7	1.856283	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.19	1024	SIGALL, MARSHALL & JANET K	2 PACE FARM RD,TEWKSBURY TWP	6.04	23.19	81218.87	1.864529	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.21	1024	ZUZIK, PAUL & PHYLLIS	99 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.04	23.21	136960.9	3.144191	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.22	1024	GONZALEZ, JOSE & DOLORES MARINELLI	5 BARLOW DRIVE,TEWKSBURY TWP	6.04	23.22	226701.5	5.204349	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.23	1024	MANNING, AMY L / BRIAN S	7 BARLOW DRIVE,TEWKSBURY TWP	6.04	23.23	130827.1	3.003376	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.24	1024	BROWN, GREGORY A & MARY ELLEN	9 BARLOW DRIVE,TEWKSBURY TWP	6.04	23.24	145980.1	3.351242	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.25	1024	HARKINS, BRENDAN P / BRANDI MARKS-	8 BARLOW DRIVE,TEWKSBURY TWP	6.04	23.25	256483.2	5.888044	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_23.26	1024	CAIKOSKI, CHARLES J & MELISSA	10 BARLOW DRIVE,TEWKSBURY TWP	6.04	23.26	130273.4	2.990665	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_24.02	1024	VIDAL, EPHRAIM	10 TAMARACK FARM LN,TEWKSBURY TWP	6.04	24.02	101580.6	2.33197	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_24.03	1024	KOUZIS, KIRK C & AMANDA	8 TAMARACK FARM LN,TEWKSBURY TWP	6.04	24.03	79494.27	1.824937	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	9/9/2014	CAREAGA ENGINEERING							
1024_6.04_24.04	1024	KLIPSTEIN, DAVID C & TARA O	6 TAMARACK FARM LN,TEWKSBURY TWP	6.04	24.04	61503.18	1.411919	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	5/22/2017	KURT HOFFMAN							
1024_6.04_24.05	1024	CORRADI, MARK & YVETTE	4 TAMARACK FARM LN,TEWKSBURY TWP	6.04	24.05	63614.71	1.460393	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_24.06	1024	MEZZACAPPA, JOANN E	2 TAMARACK FARM LN,TEWKSBURY TWP	6.04	24.06	62172.62	1.427287	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_24.07	1024	KENT, SHIRLEY S	81 FAIRMOUNT RD WEST,TEWKSBURY TWP	6.04	24.07	67928.92	1.559433	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_24.08	1024	STINER, FRANCIS J & MARGARET A	16 TAMARACK FARM LN,TEWKSBURY TWP	6.04	24.08	120363.7	2.763171	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_24.09	1024	COHEN, GREGORY J & KATHLEEN M	18 TAMARACK FARM LN,TEWKSBURY TWP	6.04	24.09	92709.91	2.128327	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_24.10	1024	OLESEN, HENNING H L & BIRTE L	23 BIG SPRING RD,TEWKSBURY TWP	6.04	24.1	67900.96	1.558792	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	9/30/2015	BAYER-RISSE ENGINEERING							
1024_6.04_24.11	1024	KAGAN MITCHELL A & KATHY L	25 BIG SPRING RD,TEWKSBURY TWP	6.04	24.11	78305.15	1.797639	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_3	1024	FORSTNER, GERALD C & WHITNEY A	1 BARLOW DRIVE,TEWKSBURY TWP	6.04	3	185966.4	4.2692	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_37.02	1024	FISHER, ALAN H & JUNE A SUTHERLAND	95 FROG HOLLOW RD,TEWKSBURY TWP	6.04	37.02	132184.4	3.034536	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_37.03	1024	VANDYKE, JOSEPH & SANDRA	91 FROG HOLLOW RD,TEWKSBURY TWP	6.04	37.03	233458.9	5.359479	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_37.04	1024	JAKOVCIC, BRYAN	93 FROG HOLLOW RD	6.04	37.04	136778.4	3.14	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	10/7/2016	STEPHEN PARKER							
1024_6.04_39.01	1024	BENENSON, EUGENE & ANNA	3 OAK LN,TEWKSBURY TWP	6.04	39.01	207865.8	4.771942	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_39.02	1024	TEEN, TIMOTHY N & DAWN M	4 OAK LN,TEWKSBURY TWP	6.04	39.02	205543.1	4.718621	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_39.03	1024	MINDAS, CHRISTOPHER R/JILL A	5 OAK LN,TEWKSBURY TWP	6.04	39.03	181698.3	4.171219	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_4	1024	HOWARD, NOEL M / PAMELA B TIC	3 BARLOW DRIVE,TEWKSBURY TWP	6.04	4	151079.6	3.468311	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	6/15/2016	BEDMINSTER							
1024_6.04_40	1024	KMIEC, EDWARD & MARYELLEN	18 CODDINGTON LN,TEWKSBURY TWP	6.04	40	115209.9	2.644855	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	10/25/2017	TBD							
1024_6.04_41.01	1024	PUCCIARELLO, MARION	35 BIG SPRING RD,TEWKSBURY TWP	6.04	41.01	100455.7	2.306146	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	6/21/2017	KURT HOFFMAN							
1024_6.04_41.02	1024	GORDON, JEFFREY & CATHERINE HARTLEY	37 BIG SPRING RD,TEWKSBURY TWP	6.04	41.02	190034.9	4.362601	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_41.04	1024	NAZZARO, FRANK & DINA	45 BIG SPRING RD,TEWKSBURY TWP	6.04	41.04	182901.3	4.198836	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_41.05	1024	WOODS, R J /RYAN, MARILYN JTRS	43 BIG SPRING RD,TEWKSBURY TWP	6.04	41.05	112226.8	2.576372	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_41.06	1024	CLARKE, VIRGINIA N.	41 BIG SPRING RD,TEWKSBURY TWP	6.04	41.06	112275.4	2.577489	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_41.08	1024	DOROCKI, JOHN P & MARIANNE T	2 OAK LN,TEWKSBURY TWP	6.04	41.08	185646.1	4.261848	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_41.09	1024	GOLOWSKI, ANTHONY & MARIA MARCHETTI	1 OAK LN,TEWKSBURY TWP	6.04	41.09	137589.3	3.158615	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_41.10	1024	ULRICH HERBERT R & AVIS C	55 BIG SPRING RD,TEWKSBURY TWP	6.04	41.1	82893.36	1.90297	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_41.11	1024	GAVORNIK, PATRICIA H	57 BIG SPRING RD,TEWKSBURY TWP	6.04	41.11	92703.55	2.128181	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_41.12	1024	GRAYBEAL, JOHN M & LAURA J SENATOR	2 SUMMER LN,TEWKSBURY TWP	6.04	41.12	69381.2	1.592773	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_41.13	1024	POIANI, GEORGE J	4 SUMMER LN,TEWKSBURY TWP	6.04	41.13	115739.2	2.657007	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_41.15	1024	ATHERTON THOMAS H & BARBARA A	8 SUMMER LN,TEWKSBURY TWP	6.04	41.15	95068.96	2.182483	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_41.16	1024	ACERRA MICHELE & ELENA	10 SUMMER LN,TEWKSBURY TWP	6.04	41.16	118386.6	2.717781	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_41.18	1024	MANNION, WILLIAM E & ANGELA	2 BARLOW DRIVE,TEWKSBURY TWP	6.04	41.18	91107.63	2.091543	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	6/7/2017	HICKS SEPTIC							
1024_6.04_41.19	1024	GAGEN, PAUL F & CATHERINE H	4 BARLOW DRIVE,TEWKSBURY TWP	6.04	41.19	96173.77	2.207846	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_41.20	1024	DIMARE, LOUIS A JR & LOREN SPIOTTA	6 BARLOW DRIVE,TEWKSBURY TWP	6.04	41.2	178790.5	4.104464	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_7.01	1024	FIELDSTEPS FARM INC	237 OLD TURNPIKE RD,TEWKSBURY TWP	6.04	7.01	104490.6	2.398775	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_7.03	1024	QUENAULT, LEE ANN	241 OLD TURNPIKE RD,TEWKSBURY TWP	6.04	7.03	141101.5	3.239245	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_7.04	1024	SALVETTI, GABRIEL & MARILYN	245 OLD TURNPIKE RD, TEWKSBURY TWP	6.04	7.04	488307.6	11.21	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	2/26/2013	D GULICK CONSTRUCTION							
1024_6.04_7.05	1024	MYERS TERRY L & CAROL L	5 SALTERS FARM RD,TEWKSBURY TWP	6.04	7.05	42323.69	0.971618	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_7.06	1024	FREDA ARNALDO & LINDA	7 SALTERS FARM RD,TEWKSBURY TWP	6.04	7.06	43889.8	1.007571	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_7.07	1024	EGAN, ROBERT G & MARY	9 SALTERS FARM RD,TEWKSBURY TWP	6.04	7.07	41838.7	0.960484	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_7.08	1024	MAGOS JAMES L & SUSAN R	11 SALTERS FARM RD,TEWKSBURY TWP	6.04	7.08	137456.4	3.155564	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_7.09	1024	POPE, STEPHEN B & KATHRYN S	13 SALTERS FARM RD,TEWKSBURY TWP	6.04	7.09	196717.7	4.516017	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_7.10	1024	BRYAN, KERRY L TREMAYNE	15 SALTERS FARM RD,TEWKSBURY TWP	6.04	7.1	118934	2.73035	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_7.11	1024	CRAMER, AMY	17 SALTERS FARM RD,TEWKSBURY TWP	6.04	7.11	56306.64	1.292623	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	6/28/2012	CAREAGA ENGINEERING							
1024_6.04_7.12	1024	PUPPO, CARLO & AMY	19 SALTERS FARM RD,TEWKSBURY TWP	6.04	7.12	46999.16	1.078952	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_7.13	1024	BOURNE, WILLIAM W & DAWN S	21 SALTER'S FARM RD,TEWKSBURY TWP	6.04	7.13	46343.67	1.063904	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_7.14	1024	SEMBRAT, KEVIN A / HEATHER E	23 SALTERS FARM RD,TEWKSBURY TWP	6.04	7.14	50497.47	1.159262	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	11/29/2018	DELAWARE VALLEY SEPTIC							
1024_6.04_7.15	1024	MOORE JAMES C & MARJORIE S	25 SALTERS FARM RD,TEWKSBURY TWP	6.04	7.15	64884.71	1.489548	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_7.16	1024	DECOU, MICHAEL & SAMANTHA	27 SALTERS FARM RD,TEWKSBURY TWP	6.04	7.16	51513.85	1.182595	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_7.17	1024	FAAS, ROBERT J & MICHELE L	29 SALTERS FARM RD,TEWKSBURY TWP	6.04	7.17	61526.06	1.412444	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_7.18	1024	MUELLER, ROBERT & CARLA	31 SALTERS FARM RD,TEWKSBURY TWP	6.04	7.18	86688.8	1.990101	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_7.19	1024	PARTRIDGE, LILY C & RANDALL D	33 SALTERS FARM RD,TEWKSBURY TWP	6.04	7.19	66540.85	1.527568	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.04_8	1024	UZZO, THOMAS K	229 OLD TURNPIKE RD,TEWKSBURY TWP	6.04	8	140125.7	3.216843	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	NEW; REP/	11/12/2014; 12/5/201	WHITESTONE ASSOCIATES; DELAWARE VALLEY SEPTIC							
1024_6.04_8.01	1024	MORRIS GEORGE G & CAROL E	227 OLD TURNPIKE RD,TEWKSBURY TWP	6.04	8.01	143807.3	3.301362	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.05_1	1024	RUANE, KEVIN	40 BIG SPRING RD,TEWKSBURY TWP	6.05	1	117856.9	2.705623	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_6.05_10	1024	HOFFART, JOHN M. & VIRGINIA	58 BIG SPRING RD,TEWKSBURY TWP	6.05	10	71663.39	1.645165	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.05_11	1024	CRAM, BILL & KATHLEEN M.	60 BIG SPRING RD,TEWKSBURY TWP	6.05	11	76116.15	1.747386	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.05_12	1024	COIRO, JOSEPH W & MICHELE R	62 BIG SPRING RD,TEWKSBURY TWP	6.05	12	68335.95	1.568778	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.05_13	1024	KUNZMAN, STEVEN A & JANE D	64 BIG SPRING RD,TEWKSBURY TWP	6.05	13	87016.12	1.997615	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.05_2	1024	KALIN GERALD J & SUSAN S	42 BIG SPRING RD,TEWKSBURY TWP	6.05	2	108760.4	2.496795	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.05_3	1024	FEINSOD ETHAN & CONSTANCE A	44 BIG SPRING RD,TEWKSBURY TWP	6.05	3	103482.1	2.375622	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.05_4	1024	BOHM, MICHAEL A & DIANA M	46 BIG SPRING RD,TEWKSBURY TWP	6.05	4	93697.51	2.150999	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR; RE	8/14/2012; 3/11/2015	SEPTIC MANAGEMENT GROUP; TRI COUNTY SEPTIC							
1024_6.05_5	1024	SMITH, MICHAEL F	48 BIG SPRING RD,TEWKSBURY TWP	6.05	5	76593.06	1.758335	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.05_6	1024	GYENGE ROBERT S/MARIANNE L WILBERT	50 BIG SPRING RD,TEWKSBURY TWP	6.05	6	71272.9	1.636201	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.05_7	1024	MARAGNI KENNETH M & JANET A	52 BIG SPRING RD,TEWKSBURY TWP	6.05	7	80917.47	1.85761	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.05_8	1024	GRECO, PAUL & NOREEN	54 BIG SPRING RD,TEWKSBURY TWP	6.05	8	72411.8	1.662346	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.05_9	1024	KAUFMAN, DEBRA	56 BIG SPRING RD,TEWKSBURY TWP	6.05	9	61734.62	1.417232	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR; RE	5/28/2013; 11/9/2017	COPPOLA SERVICES, INC.; TRI COIUNTY							
1024_6.06_10	1024	JACOB, BRIAN & BRENDA JOYCE	67 BIG SPRING RD,TEWKSBURY TWP	6.06	10	79417.49	1.823175	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.06_11	1024	JAYNE, PAULINE	69 BIG SPRING RD,TEWKSBURY TWP	6.06	11	100429.2	2.305538	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	10/29/2018	THE PUMPER							
1024_6.06_12	1024	BATES, RICHMOND & LILLIAN	71 BIG SPRING RD,TEWKSBURY TWP	6.06	12	108611.7	2.493383	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	6/17/2016	BOB RUTAN							
1024_6.06_3	1024	DUGGAN, THOMAS & JENNIFER	7 SUMMER LN,TEWKSBURY TWP	6.06	3	137293.9	3.151834	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.06_4	1024	MILLER, MATTHEW K & JENNIFER MORTON	5 SUMMER LN,TEWKSBURY TWP	6.06	4	89082.01	2.045042	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.06_5	1024	MCCONNELL, MICHAEL & LISA	3 SUMMER LN,TEWKSBURY TWP	6.06	5	172179.6	3.952699	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.06_6	1024	ZAYANSKOSKY,J/MCCORMACK, M JTRS	1 SUMMER LN,TEWKSBURY TWP	6.06	6	77184.88	1.771921	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	6/27/2018	THE PUMPER, LLC							
1024_6.06_7	1024	MATUKAITIS, PAUL D & JANET M	61 BIG SPRING RD,TEWKSBURY TWP	6.06	7	67287.96	1.544719	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.06_8	1024	BANK OF AMERICA NATL ASSOC	63 BIG SPRING RD,TEWKSBURY TWP	6.06	8	66475.73	1.526073	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	7/13/2017	TRI COUNTY							
1024_6.06_9	1024	SCHRIFTGIESSER DAVID / B J MURPHY	65 BIG SPRING RD,TEWKSBURY TWP	6.06	9	78310.46	1.797761	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.07_1	1024	URSITTI, MICHAEL A & LISA A COSCIA	14 CODDINGTON LN,TEWKSBURY TWP	6.07	1	149083	3.422476	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.07_10	1024	HAGLUND, BENJAMIN E & GEORGIA C	2 TERRILL DR,TEWKSBURY TWP	6.07	10	110151	2.528719	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.07_2	1024	KRISTOF, DAVID	12 CODDINGTON LN,TEWKSBURY TWP	6.07	2	113588.3	2.607628	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.07_3	1024	CONBOY, JANICE A	10 CODDINGTON LANE,TEWKSBURY TWP	6.07	3	127477.8	2.926488	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.07_4	1024	BRENNAN-BROOKS, GERALD C & ROBERTA	8 CODDINGTON LN,TEWKSBURY TWP	6.07	4	159969.1	3.672384	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	1/27/2017	STEVEN RISSE							
1024_6.07_5	1024	READ, THOMAS M & DEBORAH J	6 CODDINGTON LN,TEWKSBURY TWP	6.07	5	193073.9	4.432367	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.07_6	1024	PAVLIK, THOMAS S & ANESSA	4 CODDINGTON LN,TEWKSBURY TWP	6.07	6	90365.13	2.074498	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.07_7	1024	SANTORO, JOHN J & LISA MCCREERY	8 TERRILL DR,TEWKSBURY TWP	6.07	7	90853.95	2.08572	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.07_8	1024	BARTKUS, ROBERT E & MARY E	6 TERRILL DR,TEWKSBURY TWP	6.07	8	99055.64	2.274005	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.07_9	1024	AGRESTI, ANTHONY & CHRISTINE	4 TERRILL DR,TEWKSBURY TWP	6.07	9	90616.54	2.080269	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.08_1	1024	SCHAAF, LISA M	2 DEGE FARM RD,TEWKSBURY TWP	6.08	1	96829.47	2.222899	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.08_10	1024	WHALEY, MICHAEL J & NORMA R	5 TERRILL DR,TEWKSBURY TWP	6.08	10	88623.23	2.034509	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.08_2	1024	GUNDUC, HANNA M	4 DEGE FARM RD,TEWKSBURY TWP	6.08	2	88598.6	2.033944	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.08_3	1024	ROBINSON, STEVEN D & JENNIFER A	6 DEGE FARM RD,TEWKSBURY TWP	6.08	3	90839.85	2.085396	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.08_4	1024	KENNEDY, DANIEL / ANDREA	8 DEGE FARM RD,TEWKSBURY TWP	6.08	4	91310.47	2.0962	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.08_5	1024	RICCIARDULLI, MICHAEL / TRACY	10 DEGE FARM RD,TEWKSBURY TWP	6.08	5	88919.58	2.041313	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.08_6	1024	SERNAS, THOMAS & DEBORAH	12 DEGE FARM RD,TEWKSBURY TWP	6.08	6	90283.62	2.072627	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.08_7	1024	ISAACSON, STEPHEN R & LOIS E	14 DEGE FARM RD,TEWKSBURY TWP	6.08	7	89285.76	2.049719	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.08_8	1024	DEADY, MARK A & KATHLEEN M	9 TERRILL DR,TEWKSBURY TWP	6.08	8	88887.5	2.040576	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6.08_9	1024	YORK, JOHN C & M JILL GREGORY	7 TERRILL DR,TEWKSBURY TWP	6.08	9	89047.48	2.044249	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_24.13	1024	SHEDOSKY, KENNETH M & BERNADETTE J	38 BIG SPRING RD,TEWKSBURY TWP	6	24.13	115386.1	2.6489	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_24.14	1024	KOHLER, KERRY S	36 BIG SPRING RD,TEWKSBURY TWP	6	24.14	67392.33	1.547115	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_24.16	1024	BEAGLE, KATHRYN L	32 BIG SPRING RD,TEWKSBURY TWP	6	24.16	166378.6	3.819526	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR; AL	3/31/2017; 6/6/2017	AJH CONSTRUCTION; CAREAGA ENGINEERING							
1024_6_24.17	1024	TARPINIAN, ANTRANIG P & JANE	30 BIG SPRING RD,TEWKSBURY TWP	6	24.17	123873.4	2.843741	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_24.18	1024	PAGLIUCA, MICHAEL A & CATHERINE K	26 BIG SPRING RD,TEWKSBURY TWP	6	24.18	148492.9	3.408927	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	11/30/2017	THE PUMPER							
1024_6_24.19	1024	FERNICOLA, ROBERT J & ANNE M	24 BIG SPRING RD,TEWKSBURY TWP	6	24.19	107758.5	2.473795	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_24.20	1024	FENTON, JEFFREY & LISA	22 BIG SPRING RD,TEWKSBURY TWP	6	24.2	69347.02	1.591988	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	11/15/2012	THE PUMPER LLC							
1024_6_24.21	1024	MCCOLLUM, W BRUCE	20 BIG SPRING RD,TEWKSBURY TWP	6	24.21	72857.6	1.67258	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_24.22	1024	COYLE, DONNA M	18 BIG SPRING RD,TEWKSBURY TWP	6	24.22	77123.12	1.770503	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_24.23	1024	THORP, THOMAS J & SONIA E	16 BIG SPRING RD,TEWKSBURY TWP	6	24.23	82183.99	1.886685	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_24.24	1024	BAKER, GUY I & ANDREA K	14 BIG SPRING RD,TEWKSBURY TWP	6	24.24	75485.26	1.732903	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	10/22/2018	KURT HOFFMAN							
1024_6_24.25	1024	SOWUL, CAROL A	12 BIG SPRING RD,TEWKSBURY TWP	6	24.25	93995.74	2.157845	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_24.26	1024	DE VERSTERRE BARRY/ JANICE E HOFF	10 BIG SPRING RD,TEWKSBURY TWP	6	24.26	83046.33	1.906481	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_24.27	1024	POWELSON, DANIEL T & BARBARAJEAN	8 BIG SPRING RD,TEWKSBURY TWP	6	24.27	94558.94	2.170774	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_24.28	1024	JANIEC-DOMINO, DENISE A.	6 BIG SPRING RD,TEWKSBURY TWP	6	24.28	69884.49	1.604327	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_24.29	1024	ALEXANDER, CRAIG C & AMY N	4 BIG SPRING RD,TEWKSBURY TWP	6	24.29	72220.1	1.657945	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	10/23/2014	TOBY BARKMAN							
1024_6_24.30	1024	ROMANO, CHARLES & NANCY	59 FAIRMOUNT RD WEST,TEWKSBURY TWP	6	24.3	79946.77	1.835325	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_24.31	1024	LIPARI ANN / JAMES BUONO	2 BIG SPRING RD,TEWKSBURY TWP	6	24.31	73974.76	1.698227	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_25.01	1024	CATALANO, DAVID J & MARGARET F	53 BEAVERS RD,TEWKSBURY TWP	6	25.01	88313.3	2.027394	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_25.02	1024	YETKA, RICHARD L & LAURA A	55 FAIRMOUNT RD WEST,TEWKSBURY TWP	6	25.02	91935.94	2.110559	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_25.03	1024	RYAN, ANN F & NATHANIEL J	57 FAIRMOUNT RD WEST,TEWKSBURY TWP	6	25.03	77337.83	1.775432	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_26	1024	BECKER, ROBERT / DEIDRE QUINN	2 BEAVERS RD,TEWKSBURY TWP	6	26	280627.1	6.442312	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_26.01	1024	SCORDAMAGLIA, AIMEE	4 BEAVERS RD,TEWKSBURY TWP	6	26.01	343909.1	7.895065	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_26.02	1024	PARNHAM, STEPHEN R & KAREN L	6 BEAVERS RD,TEWKSBURY TWP	6	26.02	143679.7	3.298433	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_26.04	1024	ROSEN, ELLIOT A	10 BEAVERS RD,TEWKSBURY TWP	6	26.04	131001.2	3.007373	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_27.01	1024	HUGHES, ANDREW S & CAROL CARPENTER	20 BEAVERS RD,TEWKSBURY TWP	6	27.01	143238.4	3.288301	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_27.03	1024	VAN DEN HEUVEL, CARLA JEAN	16 BEAVERS RD,TEWKSBURY TWP	6	27.03	137812.8	3.163747	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_27.05	1024	STAFFORD, PHILIP & PAMELA	45 FROG HOLLOW RD,TEWKSBURY TWP	6	27.05	127628.4	2.929944	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_27.06	1024	SCHWARTZ, ALAN	47 FROG HOLLOW RD,TEWKSBURY TWP	6	27.06	133418.3	3.062862	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_27.07	1024	KAWASH,HAROLD	49 FROG HOLLOW RD,TEWKSBURY TWP	6	27.07	123824.2	2.842613	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_27.08	1024	MAHON, ESTELLE G	14 BEAVERS RD,TEWKSBURY TWP	6	27.08	111019.6	2.54866	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	6/20/2012	FAR HILLS EXCAVATION							

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_6_27.09	1024	COUKOS, ANDREW JR & ELAINE	1 LENORE RD,TEWKSBURY TWP	6	27.09	134736.4	3.093122	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_27.10	1024	NATALE, CARMEN & KATHARINE S	3 LENORE RD,TEWKSBURY TWP	6	27.1	117657.9	2.701054	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	8/21/2012	DON SULLIVAN						
1024_6_27.11	1024	SMITH, JEFFREY M & HEIND BANNAN	5 LENORE RD,TEWKSBURY TWP	6	27.11	140206.9	3.218707	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	9/20/2018	TOBY BARKMAN						
1024_6_27.12	1024	SOUZA, MARCIO S / JOELI M MANSIM	7 LENORE RD,TEWKSBURY TWP	6	27.12	135702.3	3.115297	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	6/22/2012							
1024_6_27.13	1024	GORDON, KELLY	9 LENORE RD,TEWKSBURY TWP	6	27.13	189382.5	4.347623	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	5/4/2017	CLARK KALEN						
1024_6_28	1024	SHAPACK, A R & NANCY R TRUSTEES	22 BEAVERS RD,TEWKSBURY TWP	6	28	138476.4	3.17898	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_28.01	1024	WEINBERG, FAMILY TRUST, THE	26 BEAVERS RD,TEWKSBURY TWP	6	28.01	243815.7	5.597239	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_29	1024	RICHART, SUSAN S	53 FROG HOLLOW RD,TEWKSBURY TWP	6	29	170725.8	3.919326	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_29.01	1024	BAUMGARTEN, ERIC JAY & DENISE	57 FROG HOLLOW RD,TEWKSBURY TWP	6	29.01	127984.3	2.938114	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_29.02	1024	COMO, FRANCES Y	59 FROG HOLLOW RD,TEWKSBURY TWP	6	29.02	140744.4	3.231048	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_29.03	1024	ROLSTON, KATHRYN	61 FROG HOLLOW RD,TEWKSBURY TWP	6	29.03	138214.7	3.172973	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_29.04	1024	SOMMER, WILLIAM T & JOVANNA TREJO	55 FROG HOLLOW RD,TEWKSBURY TWP	6	29.04	146664.8	3.36696	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_31.01	1024	BROWER, ALAN L & SUSAN K O'CONNOR	11 LENORE RD,TEWKSBURY TWP	6	31.01	158819.7	3.645999	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_31.02	1024	RICHARDSON, DAVID I/KARAN L TIC	13 LENORE RD,TEWKSBURY TWP	6	31.02	158146.4	3.630541	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_31.03	1024	KOCIS, STEPHEN J	15 LENORE RD,TEWKSBURY TWP	6	31.03	156055.4	3.582538	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_31.04	1024	SHARIATDOUST, REZA & MARIA	17 LENORE ROAD,TEWKSBURY TWP	6	31.04	150710	3.459826	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_31.05	1024	MC ANDREW, JAMES P. & ELAINE	19 LENORE RD,TEWKSBURY TWP	6	31.05	141227.1	3.242129	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_31.06	1024	FERRARO, FRED F & MARYLYNN	18 LENORE RD,TEWKSBURY TWP	6	31.06	148411.8	3.407066	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_31.07	1024	KHAN, ABDUL & HUMAIRA	16 LENORE RD,TEWKSBURY TWP	6	31.07	158587	3.640658	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_31.08	1024	SHIDELER DAVID L & PATRICIA	14 LENORE RD,TEWKSBURY TWP	6	31.08	133426.7	3.063055	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_31.09	1024	DEVITO DANIEL A & JANICE L	12 LENORE RD,TEWKSBURY TWP	6	31.09	210860.7	4.840695	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_31.10	1024	FLUKE, RONNIE & DIANA MORGAN	10 LENORE RD,TEWKSBURY TWP	6	31.1	110709.6	2.541543	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_31.11	1024	PETERMAN, ROBERT S	8 LENORE RD,TEWKSBURY TWP	6	31.11	136897.2	3.142727	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_31.12	1024	MILLER, HAROLD M III	6 LENORE RD,TEWKSBURY TWP	6	31.12	138366.1	3.176448	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_32	1024	FARRELL, WILLIAM D & MARY ANN	65 FROG HOLLOW RD,TEWKSBURY TWP	6	32	242108.8	5.558054	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_33	1024	WITTE, RICHARD BRINLEY & SHARON A C	69 FROG HOLLOW RD,TEWKSBURY TWP	6	33	300693.2	6.902967	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_34.01	1024	RUGGIERO, CATHERINE	67 FROG HOLLOW RD,TEWKSBURY TWP	6	34.01	160290.9	3.679772	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_34.02	1024	MATURA, JOSEPH N & LINDSAY L	71 FROG HOLLOW RD,TEWKSBURY TWP	6	34.02	150791.3	3.461691	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_34.03	1024	GLAZ, JOSEPH / JILL	73 FROG HOLLOW RD,TEWKSBURY TWP	6	34.03	170013.9	3.902983	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	5/24/2012	LITTLE PINE						
1024_6_35	1024	CHEN, KIM	28 BIG SPRING RD,TEWKSBURY TWP	6	35	408557	9.379177	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_35.01	1024	TWILL, GEORGE & SUSAN	6 COUNTRY LANE,TEWKSBURY TWP	6	35.01	319989.4	7.345945	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_36	1024	TESKA, CAROLA A	81 FROG HOLLOW RD,TEWKSBURY TWP	6	36	342172.8	7.855207	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_36.01	1024	O'BRIEN, KEVIN G & ALISA MARIE	2 COUNTRY LANE,TEWKSBURY TWP	6	36.01	172131.4	3.951594	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR; AL	10/28/2013; 6/17/201	TIBO SIPOS, JR.; YANNACCONE VILLA & ALDRICH						
1024_6_36.02	1024	FLORES, OSCAR R & INES	5 COUNTRY LANE,TEWKSBURY TWP	6	36.02	249331.4	5.723862	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_36.03	1024	MAZZARINO, JOHN & SHELLEY	3 COUNTRY LANE,TEWKSBURY TWP	6	36.03	117949.5	2.707749	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_6_36.04	1024	ZACHARIAS, MARY E & THOMAS R DAVIS	4 COUNTRY LANE,TEWKSBURY TWP	6	36.04	94824.22	2.176865	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	9/15/2015	AARON EXCAVATING						
1024_6_42	1024	ABRAHAM, CHARLES P & IDA CAMBRIA	2 LENORE RD,TEWKSBURY TWP	6	42	82958.03	1.904454	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	7/21/2016	MILKOWSKI						
1024_7.01_3	1024	COPE, BARRY	68 FAIRMOUNT RD EAST,TEWKSBURY TWP	7.01	3	350585.5	8.048337	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	APGAR ASS	8/15/2012	ALTERATION						
1024_7_11	1024	PASCALE, JOHN J JR & FRANCES SUSAN	120 FAIRMOUNT RD EAST,TEWKSBURY TWP	7	11	504235.5	11.57565	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_12	1024	TESS ENTERPRISES LLC C/O E EDWARDS	118 FAIRMOUNT RD EAST,TEWKSBURY TWP	7	12	303759.6	6.97336	TEWKSBURY TWP	HUNTERDON	Non_Residential	Preservation										
1024_7_12.01	1024	ROBINSON, ROSEMARY	116-A FAIRMOUNT RD EAST,TEWKSBURY TWP	7	12.01	20371.13	0.467657	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_13.01	1024	EPSTEIN, MITCHELL S & MEAGAN K COY	90 FAIRMOUNT RD EAST,TEWKSBURY TWP	7	13.01	134445.3	3.08644	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_13.02	1024	TRENT, MICHAEL & KATICA	92 FAIRMOUNT RD EAST,TEWKSBURY TWP	7	13.02	151233.2	3.471837	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_14	1024	MAZURA, WALTER & CYNTHIA	114 FAIRMOUNT RD EAST,TEWKSBURY TWP	7	14	121642.7	2.792531	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_15	1024	BULOSAN, DON F M P & DEBBIE	112 FAIRMOUNT ROAD EAST,TEWKSBURY TWP	7	15	119745.6	2.74898	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	9/8/2015	KURT HOFFMAN						
1024_7_16	1024	BLOINK, HANS R & ELIZABETH	110 FAIRMOUNT RD EAST,TEWKSBURY TWP	7	16	22962.57	0.527148	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_18	1024	ALLISON, WENDY P	106 FAIRMOUNT RD EAST,TEWKSBURY TWP	7	18	89995.06	2.066002	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_19	1024	MIKRUK, JOHN P & LISA SORENSEN	104 FAIRMOUNT RD EAST,TEWKSBURY TWP	7	19	74522.59	1.710803	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_20	1024	POWELL, EVELYN	102 FAIRMOUNT RD EAST,TEWKSBURY TWP	7	20	57229.84	1.313816	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_21	1024	EHMANN, TODD C / JORDAN	86 FAIRMOUNT RD EAST,TEWKSBURY TWP	7	21	219890.7	5.047997	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_21.01	1024	GAMBELLA, AMERICO & ROSE	1 FIELDSTONE RD,TEWKSBURY TWP	7	21.01	149164.1	3.424338	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	1/26/2016	TRI-COUNTY SEPTIC						
1024_7_21.02	1024	BALANI, AROON P & KATHLEEN J STILES	84 FAIRMOUNT RD EAST,TEWKSBURY TWP	7	21.02	218766.7	5.022192	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_22.01	1024	ENTWISTLE, CYNTHIA E	6 FIELD LN,TEWKSBURY TWP	7	22.01	130995.2	3.007237	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_22.02	1024	LIVOTI, LOUIS D & ELIZABETH	5 FIELD LANE,TEWKSBURY TWP	7	22.02	130416.9	2.99396	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_22.03	1024	VENITO, DOMINICK & DARCIE	4 FIELD LN,TEWKSBURY TWP	7	22.03	130531.9	2.996599	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_24	1024	WRIGHT, PAMELA R & RONALD C STICKLE	100 FAIRMOUNT RD EAST,TEWKSBURY TWP	7	24	47103.33	1.081344	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_25	1024	KREWSON, THOMAS & STEPHEN MCGRANE	3 FIELD STONE RD,TEWKSBURY TWP	7	25	229393.9	5.266159	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_26	1024	ELDER, HOWARD A	5 FIELD STONE RD,TEWKSBURY TWP	7	26	203093.6	4.662389	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_27	1024	CELIANO, HOLLY	7 FIELDSTONE RD,TEWKSBURY TWP	7	27	221028.7	5.074121	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_28	1024	RICCIO, ROBERT V & WENDY J	9 FIELDSTONE RD,TEWKSBURY TWP	7	28	206160.6	4.732797	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_29	1024	GMYREK, ELIZABETH	11 FIELDSTONE RD,TEWKSBURY TWP	7	29	171047.1	3.926701	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_30	1024	SOLLACCIO, ANNABELLE	13 FIELDSTONE RD,TEWKSBURY TWP	7	30	154491.4	3.546635	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	9/8/2015	TOBY BARKMAN						
1024_7_31	1024	MALDONADO, BENJAMIN & LAUREN	15 FIELDSTONE RD,TEWKSBURY TWP	7	31	281760.3	6.468328	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_32	1024	HOLLANDER, KENNETH S TRUSTEE	16 FIELDSTONE RD,TEWKSBURY TWP	7	32	136567.9	3.135168	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	8/3/2016	BEDMINSTER EXCAVATION						
1024_7_33	1024	RENZ, ALLAN H & MARY C GLASS	14 FIELDSTONE RD,TEWKSBURY TWP	7	33	167383.2	3.84259	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_34	1024	KNOWLES, LUDY G/ELIZABETH	12 FIELDSTONE RD,TEWKSBURY TWP	7	34	176526.5	4.052492	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	11/28/2012	CLARK KUHAR						
1024_7_35	1024	SILBERMAN,CAROLYN EST C/O SEIFERT	10 FIELDSTONE RD,TEWKSBURY TWP	7	35	212105.3	4.869267	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	9/26/2017	BEACHSTONE						
1024_7_36	1024	DABROWSKI, MARION & KATHLEEN	1 FIELD LN,TEWKSBURY TWP	7	36	134584.5	3.089635	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_36.01	1024	KELLEY, REGINA K & DAVID COKEN	2 FIELD LN,TEWKSBURY TWP	7	36.01	138394.4	3.177098	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_36.02	1024	MALLIN, ROBERT J	3 FIELD LN,TEWKSBURY TWP	7	36.02	133201	3.057874	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_37	1024	MILLS, GREGG R & KIMBERLY A	6 FIELDSTONE RD,TEWKSBURY TWP	7	37	160989.5	3.695811	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_38	1024	JARSULIC, NICHOLAS P / PATRICIA A	4 FIELD STONE RD,TEWKSBURY TWP	7	38	133183	3.057461	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_39	1024	BALLENTINE, SANDRA M	82 FAIRMOUNT RD EAST, TEWKSBURY TWP	7	39	238708.8	5.48	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	11/18/2013	ROBERT RUTAN						

PAMS_PIN	SSN	Owner	Address	Block	Lot	SQ_FT	Acres	Municipality	County	Residential/ Non Residential	Planning Area/Preservation Area	Type of ISSDS	Year Insalled/Repaired/ Alterations	Names of Repairer	Date of Last Inspection or Pump Out	System Failures	Cesspool (Y/N)	Name of Inspector	Name of Pump-out Provider	Date of Last Notification Sent from Health Department	Comments
1024_7_4	1024	NEEDLEMAN, MARTHA P TRUSTEE	238-A OLD TURNPIKE RD,TEWKSBURY TWP	7	4	354565.1	8.139695	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_4.02	1024	DIONNE, DENNIS R & LINDA A	246 OLD TURNPIKE RD,TEWKSBURY TWP	7	4.02	132393.5	3.039335	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_4.03	1024	CARVALHO, ARTUR M / CHARITTE C	244 OLD TURNPIKE RD,TEWKSBURY TWP	7	4.03	296191.9	6.799631	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_4.07	1024	SMITH, JOHN JOSEPH & MAY	242 OLD TURNPIKE RD,TEWKSBURY TWP	7	4.07	145546.4	3.341287	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_4.08	1024	SCHLOTTERBECK, ARMIN G & ELISSA A	240 OLD TURNPIKE RD,TEWKSBURY TWP	7	4.08	174258.5	4.000424	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	6/25/2018	BIGGS ENGINEERING ASSOCIATES							
1024_7_4.09	1024	MAGALETTA, SAMUEL A	238 OLD TURNPIKE RD,TEWKSBURY TWP	7	4.09	135788.1	3.117266	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_5	1024	VILLACIS, MARIO F & ELIZABETH	236 OLD TURNPIKE RD,TEWKSBURY TWP	7	5	98136.79	2.252911	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_7	1024	ODELL,JAMES & CAROLINE C/O SWIDOR	140 FAIRMOUNT RD EAST,TEWKSBURY TWP	7	7	22747.64	0.522214	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_7_9	1024	ZBOREZNY JOHN & BRENDA	124 FAIRMOUNT RD EAST,TEWKSBURY TWP	7	9	57775.37	1.32634	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_8_1	1024	BERNARD, KENNETH	2 SUTTON RD,TEWKSBURY TWP	8	1	53919.49	1.237821	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_8_2.03	1024	OELKERS, JAMES M / JANE M	10 PHILHOWER RD,TEWKSBURY TWP	8	2.03	135166.9	3.103004	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_9_1	1024	BAMBALAN, NOEL & GREGORIA	1244 CALIFON-COKESBURY RD,TEWKSBURY TWP	9	1	59321.69	1.361839	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_9_2.01	1024	SALVIA, EDA ANNA	7 PHILHOWER RD,TEWKSBURY TWP	9	2.01	128460.8	2.949055	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_9_2.02	1024	SYMANSKI, ERNEST & CHERYL	11 PHILHOWER RD,TEWKSBURY TWP	9	2.02	135936.1	3.120663	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_9_2.03	1024	MORRISSEY ROBERT F & MELINDA A	9 PHILHOWER RD,TEWKSBURY TWP	9	2.03	311732.7	7.156398	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_9_3	1024	BERARDO, PASQUALE & JEANETTE	13 PHILHOWER RD,TEWKSBURY TWP	9	3	95645.94	2.195729	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_9_3.01	1024	DUNN, ALAN K & LORI I	14 SUTTON RD,TEWKSBURY TWP	9	3.01	133345.3	3.061187	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	REPAIR	4/23/2018	HERCULES SEPTIC							
1024_9_4	1024	WROTH THOMAS & ELIZABETH	16 SUTTON RD,TEWKSBURY TWP	9	4	104482.9	2.398598	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_9_5	1024	LOMBARDI, MARION	18 SUTTON RD,TEWKSBURY TWP	9	5	139753.2	3.208292	TEWKSBURY TWP	HUNTERDON	Residential	Preservation										
1024_9_7	1024	HISCOX, SEAN & KRISTA	1242 CALIFON COKESBURY RD,TEWKSBURY TWP	9	7	15887.49	0.364727	TEWKSBURY TWP	HUNTERDON	Residential	Preservation	ALTERATIC	5/16/2016	KURT HOFFMAN							

WMP Technical Method for Septic Inventory Parcel Identification

The septic inventory was populated utilizing the available information from the Highlands composite zone data, property class information, and municipally available data. These are the composite zones taken into account during the Highlands WMP build-out process and for identifying whether remaining parcels not identified in any of the build outs contain an existing septic unit. After each zone a residential designation (res) or a non-residential designation (non-res) was applied to each composite zone as a way to distinguish between residential and non-residential septic systems:

Developed Residential Septic Systems

Existing residential septic units were identified by selecting parcels that were not identified as an existing area served of the assigned sewer service area and are classified as property class 2 or 3A. These parcels receive 1 septic unit as one septic system was assumed for each developed single family home. These parcels are depicted on Map 3b as Existing Septic Areas – Residential and these parcels and their associated parcel information populate the septic inventory. This process does not account for homes that may have a second system or a cesspool that has not been previously identified by any entity. Any parcel that did not have property class information was not identified as a parcel containing an existing septic system.

Developed Non-Residential Septic Systems

Existing non-residential septic units were identified by selecting parcels that were not identified as an existing area served of the assigned sewer service area and are classified as property class 4A, 4B, 15A, 15D, or 15F. These parcels receive one septic unit as one septic unit was assumed for each developed commercial or industrial property. These parcels are depicted on Map 3b as Existing Septic Areas – Non Residential and these parcels and their associated parcel information also populate the septic inventory. Any parcel that did not have property class information was not identified as a parcel containing an existing septic system.

APPENDIX H

Septic Maintenance Program

SEPTIC MAINTAINANCE PROGRAM
(Septic Management Plan Component)
WASTEWATER MANAGEMENT PLANS (WMP)

Hunterdon County Municipality of: Tewksbury Township Date: July 2019

I. Current ISSDS (septic system) Inventory:

Provide Data Report (narrative & property/ISSDS data) on ISSDSs for which records are currently maintained, i.e., begin inventory with all existing-to-date records for newly constructed, modified or repaired ISSDSs that required a permit from the Hunterdon County Health Department. The following fields should also be included if the information is available:

- Name & address of person responsible for the ISSDS maintenance;
- Street address/location of ISSDS
- Date ISSDS installed or approximate age of system;
- Type of ISSDS;
- Date/description of last known permitted activity via Health Department (installation, alteration, repair);
- Date of last inspection or pump-out.

Other fields such as name of inspector, name of pump-out provider, date of last notification sent from Hunterdon County Health Dept. or Municipality (as applicable), are examples of other optional fields that may prove useful if available.

- Appendix G of the Wastewater Management Plan contains a spreadsheet all of the parcels within the municipality identified as having an existing septic system. Hunterdon County Health Department has septic design approval information by municipality from 2012- 2018 on their website (http://www.co.hunterdon.nj.us/health/septic1.html) consistent with the requirements at N.J.A.C. 7:9A-3.15. Information was gathered from the website and used to populate the septic inventory spreadsheet.

II. Current Septic Management Practices:

Provide narrative of the current activity underway in your municipality that helps to support the proper functioning of ISSDSs—both including AND separate from the triennial requirements of N.J.A.C. 7:9A-3.14. The narrative will include a discussion of how each municipality implements septic system maintenance/management, with a specific focus on the activities outlined below:
(Note: All activities outlined below may not be applicable to the current practices in each municipality.)

1. Identify areas (as applicable) that have a history of failing ISSDSs or exhibit other indications that the area is prone to failing ISSDSs that are "aging out" and showing signs of failure or improper maintenance (e.g., complaints to Health Department or from residents speaking out at town meetings);

- The Highlands Council will work with the municipality on identifying areas that are prone to failing septic systems.

2. Narrative for Permitting Process for ISSDSs—provide general summary and (as applicable) other relevant information, such as if there are options for alternative systems that utilize "Green" technologies or are

those prohibited and why?

- The procedures outlined in N.J.A.C. 7:9A for the permitting of new and altered system design approvals are adhered to as follows:
    1. Soil testing is scheduled and application fees are submitted by applicant.
    2. Soil testing conducted by applicant's professionals and witnesses by municipal representatives.
    3. Application and design for conventional or advanced systems submitted to the Administrative Authority for review.
    4. Permit to construct issued by the Administrative Authority.
    5. Construction is inspected by a representative by the Administrative Authority.
    6. Final construction approval granted upon receipt of as- built plan, certifications, and certificate of compliance prepared by the applicant's professionals.

3. Maintenance requirements for ISSDS owners/users, pursuant to N.J.A.C. 7:9A-3.14 (i.e., what is sent out (include copies of letter/pamphlet, etc.) and when (each triennial schedule))

- The maintenance requirements for systems incorporating advanced pretreatment per N.J.A.C. 7:9A are adhered to. "Well and Septic Care in Hunterdon County a Homeowner's Guide" pamphlet (http://www.co.hunterdon.nj.us/pdf/health/Well_and_Septic.pdf) is distributed to homeowners.

4. Any additional municipal maintenance requirements, as applicable, (e.g., any existing ordinances, for example, for inspections required every "x" years? Or a pump-out required every "x" years? Other septic management measures?)

- None

5. Education/Outreach on Proper Maintenance (in addition to 7:9A-3.14)

- Guidance materials are available from the County Department of Health upon request.

6. Record Creation and Maintenance (in addition to 7:9A-3.15), such as an already existing inventory of ISSDS owners/users and if/when any municipal notifications are sent to them)

- Hunterdon County Health Department keeps a record of septic design approvals by municipality from 2012-2018 on their website at http://www.co.hunterdon.nj.us/health/septic1.html.

7. Response Actions to Complaints—provide general summary

- The Hunterdon County Health Department responds to complaints received by the Administrative Authority within one (1) business day. The Administrative Authority implements the procedures outlined under N.J.A.C. 7:4-3.4(d), (e), and (f) upon identification of a non-compliant system.

8. Remedial Actions Required for Failing ISSDSs—provide general summary

- The Administrative Authority implements the procedures outlined under N.J.A.C. 7:9A-3.4(d), (e), and (f) upon identification of a non-compliant system.

9. Reporting to DEP—provide general summary

- Annual numeric data is provided to the NJDEP via the NJ Local Health Reporting System in Hippocrates.

III. Proposed Improvements to Current Septic Management Practices and Plan to Complete Inventory:

Provide a description of activities that will be evaluated and/or implemented over the next 10-year WMP planning period, that will improve the current municipal practices listed above associated with septic management. Examples of the types of activities being sought include:

1. How will existing but yet unaccounted-for ISSDSs be added to the initial/partial inventory—for example, those noted during past realty transfers, CO Inspections, tax records for non-sewer areas, etc.

2. In what other ways may this inventory be augmented and/or completed, i.e., need a plan or suite of approaches that propose how to augment and complete the inventory over the 10-year WMP planning period.

3. Improving Tracking and Notification process to further encourage regular pump-outs, system augmentation, and regular maintenance practices;

4. Additional educational opportunities to share information with system owners on septic maintenance (e.g., classroom presentations or to civic groups such as Lions Club, Women's Clubs, or partnering with Environmental Commissions/ Advisory Councils/Watershed Ambassadors, etc.).

5. Include an estimated timeframe and/or system of "Milestones" to chart progress, e.g., estimate total number of ISSDSs per municipality (provided to Health Depts. pursuant to N.J.A.C. 7:9A-3.15) and commit to populating the Inventory for a certain percentage of them over a pre-determined time-period, or dividing non-sewer areas into geographical "sections" to be completed on a pre-determined timeframe, etc.

- The septic inventory is complete to the greatest extent possible. The Township will work with the Highlands Council through Plan Conformance on incorporating existing, but unaccounted for ISSDSs into the septic inventory. A tracking and notification process to further encourage regular maintenance practices will be implemented. Additional educational opportunities to inform septic system owners on septic maintenance will be developed.

APPENDIX I

Resolution for Authorization for Submission of the Tewksbury Township Chapter of the Hunterdon County Wastewater Management Plan to the New Jersey Department of Environmental Protection

TEWKSBURY TOWNSHIP
NEW JERSEY

Resolution No: 59-2019
Adoption Date: April 23, 2019

A RESOLUTION FOR AUTHORIZATION FOR SUBMISSION OF THE TEWKSBURY TOWNSHIP CHAPTER OF THE HUNTERDON COUNTY WASTEWATER MANAGEMENT PLAN TO THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION PURSUANT TO N.J.A.C. 7:15-3.4(G)4

WHEREAS, the Highlands Water Protection and Planning Council ("Highlands Council") has prepared a Wastewater Management Plan (WMP) for Tewksbury Township that complies with the 2016 Water Quality Management Plan (WQMP) rules pursuant to N.J.A.C. 7:15, Subchapter 4;

WHEREAS, Tewksbury Township is located in the Highlands Region with land lying in both the Planning and Preservation Area;

WHEREAS, each county and municipality in the State of New Jersey shall be subject to a Wastewater Management Plan (WMP) adopted by the New Jersey Department of Environmental Protection;

WHEREAS, the 2019 WMP is consistent with the Plan Conformance approved by the Highlands Council as well as the Regional Master Plan;

WHEREAS, the Hunterdon County Board of Chosen Freeholders has become the County Wastewater Management Planning Agency;

WHEREAS, the Governing Body of Tewksbury Township, Hunterdon County, State of New Jersey has reviewed the draft WMP.

NOW, THEREFORE BE IT RESOLVED that the Governing Body consents to the submission of the Tewksbury Township Chapter of the Hunterdon County WMP to the New Jersey Department of Environmental Protection for review and adoption as required by the 2016 Water Quality Management Plan rules.

RECORD OF COMMITTEE VOTE

COMMITTEE	MOTION	SECOND	YES	NO	ABSTAIN	ABSENT
Voyce			✓			
Melick	✓		✓			
Desiderio		✓	✓			
Becker			✓			
DiMare						✓

THIS IS TO CERTIFY that the above is a true copy of a resolution adopted by the Township Committee of the Township of Tewksbury at a meeting of said Township Committee on April 23, 2019.

Jennifer L Ader

Jennifer Ader, Acting Municipal Clerk