December 23, 2021

Re: **FINAL NJPDES-DGW PERMIT**
Ground Water Master General Permit - New
Category GWCF – Sanitary Discharges from Commercial Activities at Farms
NJPDES Permit No.: NJ0136263; Program Interest No.: 50577
NJPDES Master General Permit Program Interest
Trenton City, Mercer County

Dear Permittee:

Enclosed is a final New Jersey Pollutant Discharge Elimination System (NJPDES) permit action (identified above) which has been issued in accordance with N.J.A.C. 7:14A. This action authorizes the discharge of sanitary sewage to ground water from commercial activities that take place on Farms that utilize individual subsurface sewage disposal systems. The Master General Permit has an effective date of January 1, 2022, and an expiration date of December 31, 2026.

No written comments were received on the draft action during the comment period, and no provisions of the draft permit have been changed in the final permit. Therefore, the right by you, or any third party, to contest the permit conditions in an adjudicatory hearing is hereby waived pursuant to N.J.A.C. 7:14A-15.13.

Pursuant to N.J.A.C. 7:14A-6.13, persons seeking authorization under a general permit shall submit to the NJDEP a written request for authorization. This request shall be submitted for new authorizations only and is not required for renewal of existing authorizations provided that the most recent application for authorization on file with the NJDEP remains true, accurate, and complete. Upon reissuance of this general permit, existing authorizations shall be automatically renewed as allowed pursuant to N.J.A.C. 7:14A-6.13(d)9. The renewal of an authorization either requires a notice to the NJDEP that there are no changes or a new request for authorization to be submitted to update any information that is no longer true, accurate and/or complete.

Questions or comments regarding the final action should be addressed to dwq_groundwater@dep.nj.gov.

Sincerely,

**Brian K. Sage**
Brian K. Sage, Environmental Specialist 3
Ground Water Permitting and Onsite Unit
Bureau of Ground Water, Residuals, and Permit Administration (BGRPA)

Enclosures
cc: Michele Christopher
The New Jersey Department of Environmental Protection hereby grants you a NJPDES permit for the facility/activity named in this document. This permit is the regulatory mechanism used by the Department to help ensure your discharge will not harm the environment. By complying with the terms and conditions specified, you are assuming an important role in protecting New Jersey’s valuable water resources. Your acceptance of this permit is an agreement to conform with all of its provisions when constructing, installing, modifying, or operating any facility for the collection, treatment, or discharge of pollutants to waters of the state. If you have any questions about this document, please feel free to contact the Department representative listed in the permit cover letter. Your cooperation in helping us protect and safeguard our state’s environment is appreciated.

Permit Number: NJ0136263

FINAL: Ground Water Master General Permit - New

Permittee:
General Permit
Per Individual Notice of Authorization

Co-Permittee:

Property Owner:
General Permit
Per Individual Notice of Authorization

Location Of Activity:
General Permit
Per Individual Notice of Authorization

<table>
<thead>
<tr>
<th>Authorization(s) Covered Under This Approval</th>
<th>Issuance Date</th>
<th>Effective Date</th>
<th>Expiration Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>GWCF-Sanitary Wastewater Discharges from Commercial Activities on Farms</td>
<td>12/23/2021</td>
<td>01/01/2022</td>
<td>12/31/2026</td>
</tr>
</tbody>
</table>

By Authority of:
Commissioner's Office

DEP AUTHORIZATION
Michele Christopher, Chief
Bureau of Ground Water, Residuals, and Permit Administration
Division of Water Quality

(Terms, conditions and provisions attached hereto)
Table of Contents

This Permit Package Contains the Items Listed Below

1. Cover Letter
2. NJPDES Permit Authorization Page
3. Table of Contents
4. Fact Sheet
5. Part I Narrative Requirements
6. Part II General Requirements: Discharge Categories
7. Part III Limits and Monitoring Requirements
8. Part IV Specific Requirements: Narrative
9. GWCF Farm Inventory Form
FACT SHEET

This fact sheet sets forth the principal facts and the significant factual, legal, and policy considerations examined during preparation of the permit.

PERMIT ACTION: New Ground Water Master General Permit

Category: GWCF - Sanitary Wastewater Discharges from Commercial Farm Activities

Name and Address of the Applicant:

As per Individual Authorization

Name and Address of the Facility/Site:

As per Individual Authorization

Description of the Permit Action:

This action is a new master general permit (NJ0136263) for Sanitary Wastewater Discharges from Commercial Farm Activities.

Location of the Facility: Statewide

NAME AND CLASSIFICATION OF THE RECEIVING WATER:

Ground Waters of the State
Classes 1, II & III

DESCRIPTION OF ELIGIBLE FACILITIES:

This New Jersey Pollutant Discharge Elimination System - Discharge to Ground Water (NJPDES-DGW) New General Permit (NJ0136263) is issued in accordance with N.J.A.C. 7:14A-1 et seq., and authorizes the discharge of sanitary sewage to ground water from commercial activities that take place on farms that utilize individual subsurface sewage disposal systems (commonly called septic systems). Eligibility for this permit is limited to those farms where the aggregate volume of sanitary sewage on the property is greater...
than 2,000 gallons per day, and the non-residential commercial contribution to the aggregate volume of sanitary sewage is 2,000 gallons per day or less, as calculated in accordance with N.J.A.C. 7:9A-7.4. Any existing residential dwelling units on the property shall be included in the calculation for aggregate volume of sanitary sewage but shall not be included in the calculation for volume of sanitary sewage from commercial activities on the Farm.

Sanitary sewage is defined at N.J.A.C. 7:14A-1.2 and means any liquid waste containing animal or vegetable matter in suspension or solution, or water carried wastes resulting from the discharge of water closets, laundry tubs, washing machines, sinks, dishwashers, or any other source of water carried wastes of human origin or containing putrescible material. This term specifically excludes industrial, hazardous, or toxic wastes and materials. Any discharge resulting from activities other than those described is prohibited. Examples of commercial activities that generate sanitary sewage include, but are not limited to, commercial food activities (restaurants, grills, wedding venues with catering, snack bars, ice cream making, bakeries, etc.), retail shops, wineries/breweries/distilleries (with and without tasting rooms), U-pick operations, day camps, festivals, special events, etc.

Facilities with existing septic systems, including septic tanks discharging to seepage pits, septic tanks discharging to disposal fields or other septic systems that were issued a local approval in accordance with the Standards for Individual Subsurface Sewage Disposal Systems, N.J.A.C. 7:9A or its regulatory precursors may qualify for this permit. It is important to note that cesspools are not systems. Thus, existing cesspools shall be replaced with a new system, when their existence is discovered. This general permit does not address, and is not an approval of, any past activity which was conducted at the site that has or may have adversely affected the ground waters of the State.

**GENERAL ELIGIBILITY CRITERIA**

This General Permit authorizes the discharge of sanitary sewage to ground water on existing farm facilities that utilize septic systems. Eligibility for this permit is limited to those Farms where the aggregate volume of sanitary sewage on the property is greater than 2,000 gallons per day, and the non-residential commercial contribution to the aggregate volume of sanitary sewage is 2,000 gallons per day or less, as calculated in accordance with N.J.A.C. 7:9A-7.4.

The group of dischargers eligible for this general permit are categorized as farms that have ancillary commercial uses (as described above) on the subject property. These types of facilities involve the same or substantially similar operations with respect to the nature of the discharge activity and the type of waste discharged. This category of facilities engages in similar disposal practices, requires the same operating conditions and standards for disposal, and requires the same monitoring and/or inspections of the system as a first defense against the threat to human health and the environment. The Department has determined that this group of dischargers is more appropriately controlled under a general permit than under separate, individual permits.
REQUEST FOR AUTHORIZATION

A complete application is considered to be the Request for Authorization (RFA). A RFA consists of a NJPDES-1 form, a site plan, a topographic map, and a Commercial Farm Activity Inventory form. A facility which has submitted a complete application for an Individual Discharge to Ground Water (DGW) permit in accordance with N.J.A.C. 7:14A-4 may, at the discretion of the Department, be authorized under this general permit. The decision to issue an authorization shall be based upon the applicability of the criteria, outlined in the paragraph above, to each individual facility. If it is determined that the facility meets the outlined criteria, the Department shall notify the permittee regarding authorization under this general permit in accordance with N.J.A.C. 7:14A-6.13.

SUMMARY OF PERMIT CONDITIONS

Facilities that qualify for this permit are farms with non-residential commercial activities that have a daily design volume of sanitary sewage of 2,000 gallons per day or less as determined pursuant to N.J.A.C. 7:9A-7.4. The calculation of aggregate volume of sanitary sewage for the property shall include all residential dwelling units to determine the requirement for a NJPDES permit. However, only the non-residential commercial activities are actively required to be monitored under this general permit.

This permit requires daily flow monitoring of the sanitary waste discharged from the non-residential commercial activities on the Farm. The monthly average of the daily flows shall be reported on Monitoring Report Forms (MRFs) and submitted to the Department. To remain eligible for authorization under this general permit, the facility cannot have non-residential commercial activities that discharge more than 2,000 gallons per day. Additionally, annual monitoring for Volatile Organics is required and shall be submitted on MRFs to the Department to ensure that non-sanitary wastes are not being discharged.

For facilities that include a commercial food service component, quarterly monitoring for the high strength waste components for Biological Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Total Suspended Solids (TSS) and Fats, Oils and Grease (FOG) is required. However, results shall be kept onsite and available for Department review upon request.

CONTACT INFORMATION

For further information regarding this renewal permit visit the Division of Water Quality website at www.state.nj.us/dep/dwq/bpr or contact Bureau of Ground Water, Residuals, and Permit Administration (BGRPA) Ground Water Unit staff at dwq_groundwater@dep.nj.gov.
ADMINISTRATIVE RECORD

The following items were used to formulate the basis of the draft permit:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>N.J.S.A. 58:10A-1 et seq., New Jersey Water Pollution Control Act.*</td>
</tr>
<tr>
<td>2</td>
<td>N.J.A.C. 7:14A-1 et seq., New Jersey Pollutant Discharge Elimination System Regulations.*</td>
</tr>
<tr>
<td>3</td>
<td>Statewide Water Quality Management Planning Rules (N.J.A.C. 7:15)*</td>
</tr>
<tr>
<td>4</td>
<td>Ground Water Quality Standards (N.J.A.C. 7:9C)*</td>
</tr>
<tr>
<td>5</td>
<td>The Standards for Individual Subsurface Sewage Disposal Systems (N.J.A.C. 7:9A-1 et sec.)*</td>
</tr>
</tbody>
</table>

*The document is part of the administrative record but is not physically included in the record.

The discharge described above is a regulated activity under the New Jersey Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq., and its implementing regulations, the New Jersey Pollutant Discharge Elimination System (NJPDES) N.J.A.C. 7:14A-1 et seq. The permit has been developed pursuant to these regulations and is based on the administrative record, which contains any permit application submitted, correspondence concerning the permit, the Fact Sheet and documents cited therein, the results of any past monitoring, the draft permit, and any past permits issued to the facility under these regulations.
PART I
GENERAL REQUIREMENTS:
NJPDES

A. General Requirements of all NJPDES Permits

1. Requirements Incorporated by Reference
   a. The permittee shall comply with all conditions set forth in this permit and with all the applicable
      requirements incorporated into this permit by reference. The permittee is required to comply with
      the regulations, including those cited in paragraphs b. through e. following, which are in effect as
      of the effective date of the final permit.

   b. General Conditions
      - Penalties for Violations
      - Incorporation by Reference
      - Toxic Pollutants
      - Duty to Comply
      - Duty to Mitigate
      - Inspection and Entry
      - Enforcement Action
      - Duty to Reapply
      - Signatory Requirements for Applications and Reports
      - Effect of Permit/Other Laws
      - Severability
      - Administrative Continuation of Permits
      - Permit Actions
      - Reopener Clause
      - Permit Duration and Renewal
      - Consolidation of Permit Process
      - Confidentiality
      - Fee Schedule
      - Treatment Works Approval

   c. Operation And Maintenance
      - Need to Halt or Reduce not a Defense
      - Proper Operation and Maintenance

   d. Monitoring And Records
      - Monitoring
      - Recordkeeping
      - Signatory Requirements for Monitoring Reports

   e. Reporting Requirements
      - Planned Changes
      - Reporting of Monitoring Results
      - Noncompliance Reporting
      - Hotline/Two Hour & Twenty-four Hour Reporting
      - Written Reporting
      - Duty to Provide Information
      - Schedules of Compliance
      - Transfer
PART II

GENERAL REQUIREMENTS:
DISCHARGE CATEGORIES

A. The Permittee shall comply with their existing NJPDES Permit
   1. Geographic Area
      a. The General Permit applies to all areas of the State of New Jersey.
   2. Eligibility for Authorization
      a. Eligibility for this permit is limited to farms where the aggregate volume of sanitary sewage on the
         property is greater than 2,000 gallons per day, and the non-residential commercial contribution to
         the aggregate volume of sanitary sewage is 2,000 gallons per day or less, as calculated in
         accordance with N.J.A.C. 7:9A-7.4.
      b. Facilities which are not eligible for authorization under this permit should contact the Bureau of
         Ground Water, Residuals, and Permit Administration at (609) 984-4428 to discuss other permitting
         options.
   3. Request for Authorization
      a. A Request for Authorization (RFA) under this general permit shall include the following documents:
         i. NJPDES-1 form;
         ii. Plot Plan;
         iii. Topographic Map.
         iv. GWCF Inventory Form;
         v. Additional information may be required by the Department to be included as part of the RFA if
            the Department determines that such additional information (including other data, reports,
            specifications, plans, permits, or other information) is reasonably necessary to determine whether
            to authorize the discharge under this permit.
      b. Authorizations under this permit shall become effective upon notification from the Department, as
         allowed pursuant to N.J.A.C. 7:14A-6.13(d)5.iii. Authorization under this permit will be issued
         after the Department has reviewed the application and determined eligibility.
      c. For all facilities authorized under this general permit, the authorization expiration date is the same
         as the master general permit's expiration date. The effective date on each facility's authorization
         page is the date the authorization was individually issued to that facility.
      d. Facilities with existing individual NJPDES-DGW permits that meet the eligibility requirements for
         this general permit and submit a RFA as described in 1.a. above, will have their individual
         NJPDES-DGW permit revoked only after a valid authorization under this general permit is issued.
4. Submission of a Request for Authorization
   a. A RFA shall be electronically submitted to the NJDEP via the Department’s designated Electronic Submission Service.
      i. Completed RFAs shall be submitted electronically to: dwq_pas@dep.nj.gov.
   b. After review of the RFA, the Department will either:
      i. Issue authorization under this permit. The authorization is effective on the date the Department issues the Authorization to Discharge; or.
      ii. Deny authorization and require submittal of an application for an individual groundwater permit; or.
      iii. Deny authorization and require submittal of an RFA for another general permit.

5. Automatic Renewal
   a. Authorization under this permit will be automatically renewed when this permit is reissued as provided by N.J.A.C. 7:14A-6.13(d)9 as long as the discharge authorized under this permit continues to be eligible. The Department shall issue a notice of renewed authorization to the facility.
   b. If the facility is aware of any information in the most recently submitted RFA that is no longer true, accurate, and/or complete, the facility shall provide the correct information to the Department within ninety (90) days of the effective renewal authorization notice.

6. Permit Transfer - Change of Owner or Operating Entity
   a. Authorization under this permit may be automatically transferred to a new owner pursuant to N.J.A.C. 7:14A-16.2(d) if the permittee provides written notice to the Department at least thirty (30) days prior to the proposed transfer date.
      i. Permittees requesting a transfer of permit authorization should submit the Department’s Application for Transfer of a NJPDES Permit form.
   b. A Contact Information Update form shall be submitted for simple changes to a permit including: (1) name changes for a facility, property owner, operating entity or person who is the contact for each and (2) mailing address changes for the facility, property owner or operating entity.
      i. Permittees requesting a Contact Information Update should submit the Department’s Contact Information Update Form.
   d. The completed above-mentioned forms shall be electronically submitted to the Permit Administration Section via email at dwq_pas@dep.nj.gov.

7. Enforcement of Permit Conditions
   a. The Department’s Regional Bureaus of Water Compliance and Enforcement routinely inspect facilities authorized under this permit. If violations of permit conditions occur, a facility may receive a Notice of Violation (NOV) and may be subject to penalties, pursuant to the New Jersey Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq).

8. Requirements Incorporated by Reference
a. For new construction, expansion or major repairs of regulated discharge units subject to N.J.A.C. 7:14A-22 and 23, the permittee shall obtain a Treatment Works Approval. For new construction, the permittee shall obtain the necessary Treatment Works Approval(s) to design, construct and operate a discharge unit capable of meeting any limits set forth in this permit.

9. Operator Notification

a. Pursuant to N.J.A.C. 7:10A-1.1 et seq. every wastewater system not exempt pursuant to N.J.A.C. 7:10A-1.1(b) requires a licensed operator. The operator of a system shall meet the Department's requirements pursuant to N.J.A.C. 7:10-1.1 and any amendments. The name of the proposed operator, where required, shall be submitted to the Department at the address below, in order that his/her qualifications may be determined prior to initiating operation of the treatment works

General Conditions.

i. Notifications shall be submitted to:
   NJDEP
   Bureau of Licensing and Registration
   Mail Code 401-04E
   P.O. Box 420
   Trenton, New Jersey 08625-0420
   (609) 984-6507.

b. The permittee shall notify the Department of any changes in licensed operator within two weeks of the change.

c. Facilities utilizing advanced wastewater technologies may provide/maintain a service and maintenance contract from a service provider authorized by the manufacturer in lieu of a licensed operator.

10. Abandonment Requirements

a. The permittee shall, within three (3) months of Authorization under this General Permit, abandon any existing wastewater treatment units and disposal system(s) which will not be utilized. To properly abandon the disposal system(s), the permittee shall:

i. Adequately seal the influent and effluent lines.

ii. Properly dispose of all physical facilities including the treatment units (septic tanks), outfall lines, and all mechanical and electrical equipment and piping.

iii. Eliminate any piping where there may be a cross-connection (receiving both sanitary and any other discharge).
iv. Contact the appropriate Department Enforcement Bureau as outlined below:

Bureau of Water Compliance & Enforcement-Northern (Jurisdiction: Counties of Bergen, Essex, Hudson, Hunterdon, Morris, Passaic, Somerset, Sussex, and Warren)
7 Ridgedale Avenue
Cedar Knolls, NJ 07927
973-656-4099

Bureau of Water Compliance & Enforcement-Central (Jurisdiction: Counties of Mercer, Middlesex, Monmouth, Ocean, and Union)
Mail Code 44-03
401 East State Street
PO Box 420
Trenton, NJ 08625-0420
609-292-3010

Bureau of Water Compliance & Enforcement-Southern (Jurisdiction: Counties of Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, and Salem)
2 Riverside Drive
Suite 201
Camden, NJ 08103
856-614-3655.

11. Operation Requirements

a. The permittee shall notify the applicable Bureau of Water Compliance and Enforcement office and the Bureau of Ground Water, Residuals, and Permit Administration, prior to initiating discharges from newly constructed discharge facilities.

i. Contact information regarding the applicable Bureau of Water Compliance and Enforcement is listed above in 10.a.iv.

ii. Contact information for the Bureau of Ground Water, Residuals, and Permit Administration can be found at https://www.state.nj.us/dep/dwq/bpr.htm.

12. Contingency Requirements

a. When any regulated unit must be removed from service for reasons other than routine maintenance and/or scheduled rotation; or creates an unpermitted discharge; or fails hydraulically, the permittee shall:

i. Immediately cease any unpermitted discharge and implement the appropriate section of the facility's Operation and Maintenance (O & M) Plan as required in Part IV.F.1.

ii. Immediately contact the Department's Emergency Hotline at 1-877-927-6337 (or https://www.nj.gov/dep/warndep.htm) and contact the appropriate regional Bureau of Water Compliance and Enforcement as listed above in 10.a.iv. For details on reporting time frames, please refer to N.J.A.C. 7:14A-6.2 and 6.10.

iii. If a regulated unit needs to be replaced or altered, the permittee must first obtain approval from the Bureau of Ground Water, Residuals, and Permit Administration. The permittee shall demonstrate that the replacement or altered system will adequately correct the malfunction.
iv. The Bureau of Ground Water, Residuals, and Permit Administration can be reached at (609) 984-4428. Further information regarding the Bureau of Ground Water, Residuals, and Permit Administration can be found at https://www.state.nj.us/dep/dwq/bpr.htm.

v. Upon approval from the Bureau of Ground Water, Residuals, and Permit Administration, the permittee shall notify the Bureau of Environmental, Engineering, and Permitting to determine if a Treatment Works Approval is required for the replacement or altered system.

vi. The Bureau of Environmental, Engineering, and Permitting can be reached at (609) 984-4429. Further information regarding the Bureau of Environmental, Engineering, and Permitting can be found at https://www.state.nj.us/dep/dwq/beep_hm.htm.

vii. For units which rely on infiltration where the probable cause of hydraulic failure is unintentional overloading of the disposal area due to unequal distribution of the discharge or heavy rain, snow melt, etc., the permittee shall continue to implement the measures outlined in the facility's O & M Manual until the failing disposal area drains and returns to operational status. If the failing disposal area is determined to be under-sized for the given flow or physically clogged, Department approved measures must be taken to rectify the situation.
PART III
LIMITS AND MONITORING REQUIREMENTS

MONITORED LOCATION:
T01T Discharge Monitoring Pt.

ROCK FORMATION:

DISCHARGE CATEGORY(IES):
GWCF - Sanitary Wastewater
Discharges from Commercial Activities on Farms

Location Description

Sample point at a location prior to discharge to the disposal mechanism (bed, field, seepage pit, etc.)

Contributing Waste Types
Sanitary

GW Discharge WCR - Annual Reporting Requirements:
Submit an Annual WCR: within twenty-five days after the end of every 12 month monitoring period beginning from the effective date of the permit (EDP).

Table III - A - 1: GW Discharge WCR - Annual Limits and Monitoring Requirements

<table>
<thead>
<tr>
<th>PHASE: Final</th>
<th>PHASE Start Date:</th>
<th>PHASE End Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Sample Point</th>
<th>Compliance Quantity</th>
<th>Units</th>
<th>Sample Type</th>
<th>Monitoring Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organics-Volatile</td>
<td>Effluent Gross Value</td>
<td>REPORT</td>
<td>UG/L</td>
<td>Grab</td>
<td>January thru December</td>
</tr>
<tr>
<td>Tot</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
GW Discharge WCR - Monthly Reporting Requirements:
Submit a Monthly WCR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

Table III - A - 2: GW Discharge WCR - Monthly Limits and Monitoring Requirements

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Sample Point</th>
<th>Compliance Quantity</th>
<th>Units</th>
<th>Sample Type</th>
<th>Monitoring Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Rate</td>
<td>Effluent Gross Value</td>
<td>REPORT</td>
<td>GPD</td>
<td>Continuous</td>
<td>January thru December</td>
</tr>
</tbody>
</table>
PART IV

SPECIFIC REQUIREMENTS: NARRATIVE

Notes and Definitions

A. Footnotes

1. Conditions Associated with Both Discharge Monitoring and Ground Water Monitoring
   a. All completed Monitoring Report Forms (MRF) should be submitted via NJDEP's Electronic MRF Submissions Service. Information regarding registration for NJDEP's Electronic MRF Submissions Service can be found at https://www.state.nj.us/dep/dwq/mrf.htm.
   b. If it is not possible to submit MRF via NJDEP’s Electronic MRF Submissions Service, permittees are able to submit MRF to the following address:
      i. Division of Water Quality
         Bureau of Ground Water, Residuals, and Permit Administration
         Mail Code 401-02B
         P.O. Box 420
         Trenton, New Jersey 08625-0420
         dwq_pas@dep.nj.gov.
   c. 40 CFR Part 136-Method 624 shall be used to identify and monitor for the volatile organic compounds at N.J.A.C. 7:14A-4, Appendix A. The analyses shall include the identification of 15 unknown peaks. For tentatively identified compounds, a forward library search must be performed. If the spectra do not meet the criteria of identification of the Library, the compound shall be reported as “unknown”. If possible, an additional classification of the unknown compound shall be presented (e.g. unknown aromatic, unknown hydrocarbon, etc.).

B. Definitions

1. Conditions Associated Discharge Monitoring
   a. “Advanced wastewater pretreatment device” means a National Sanitation Foundation (NSF) International Standard 40 or Standard 245 certified technology which may be incorporated as a part of an onsite wastewater treatment system, which bears the NSF mark and is designed, installed, operated, monitored and maintained in accordance with that certification and this chapter. This definition also includes those technologies that are authorized for use in the Pinelands Area through the Pinelands Advanced Wastewater Treatment Systems Pilot Program at N.J.A.C 7:50-10.23.
   b. "Aliquot" means a sample of specified volume used to make up a total composite sample.
   c. "Annual" ("year") means monitoring conducted at a minimum of once every twelve calendar months.
d. “Authorized service provider” means an individual who maintains an advanced wastewater pretreatment device and/or drip dispersal system in accordance with N.J.A.C. 7:9A-12.3, who monitors the system remotely and who responds appropriately to alarm conditions. This individual must either hold an S2 or greater license pursuant to N.J.A.C. 7:10A; or have completed all training required by a manufacturer of an advanced wastewater pretreatment device that is listed by the Department in accordance with N.J.A.C. 7:9A-8.3; and/or be a listed system integrator of a drip dispersal system in accordance with N.J.A.C. 7:9A-10.8.

e. “Commercial Food Service” means those activities associated with the handling, preparing or serving of food and/or drinks for sale to any individual or group that does not work at the facility that will result in the generation of wastewater. These activities are typically characterized by the use of heating, cooling, cooking or cleaning equipment including walk-in refrigeration units, stoves, fryers, ovens, warmers, steamers, dishwashers and sinks typically used for food or dish washing.

f. “Commercial Use Activities” means those activities that are related to the buying or selling of goods or services, and commonly occur at facilities such as offices, wholesale or retail stores, industrial buildings, factories, and shopping centers and multi-unit apartment complexes. This shall include congregate living facilities.

g. “Congregate Living” means those activities at structures such as dormitories, motels, nursing/rest homes, group homes, assisted living facilities, boarding houses. These structures typically have one or more amenities and/or activities that service the establishment and not typically an individual unit, such as common bathrooms, kitchens, dining areas and/or laundry facilities.

h. "Daily" ("day") means monitoring conducted every calendar day, including weekends and holidays.

i. "Grab sample" means an individual sample collected over a period not exceeding 15 minutes.

j. "Month(ly)" means monitoring conducted at a minimum of once every calendar month.

k. “Property” means:
   1. A single lot as defined by municipal lot and block or right of way (unless paragraph 2 below applies); or
   2. The combined area contained within the legal boundaries of two or more contiguous lots where, for any part of each of those lots, there is a shared pecuniary, possessory or other substantial common interest by one or more persons (such as common ownership and/or operation or a common plan of development or sale).

l. "Quarter(ly)” means monitoring conducted at a minimum frequency of once every three calendar months.

m. “Regulated Unit” means any part of a wastewater disposal system, including but not limited to all toilets, piping, drains, sewers, septic tanks, grease traps, distribution boxes, dosing tanks, disposal tanks, disposal fields, etc. that is monitored under the requirements of this permit.

n. “Single residential occupancy activities” means those activities that are associated with an individual private residence, such as, but not limited to, a single family home, apartment, condominium, townhouse and/or a duplex home. A multi-unit apartment complex would not constitute a single residential occupancy activity.
Sanitary Wastewater Discharges from Commercial Activities on Farms

A. Monitoring Requirements

1. Conditions Associated with Discharge Monitoring
   
a. Discharge Monitoring Sample(s) shall be taken prior to discharge to the disposal area(s).

b. All discharge monitoring shall be conducted as specified in Part III.

c. For existing discharges, sampling shall begin within 60 days of authorization.

d. For existing discharges, all discharge limitations shall become effective and enforceable 60 days after the effective date of authorization.

e. For new discharges, sampling shall begin with the commencement of discharge.

f. For new discharges, all discharge limitations will become effective and enforceable 60 days after commencement of discharge.

g. All discharge sampling shall be conducted in accordance with the Department's current Field Sampling Procedures Manual.

h. Chlorine shall not be incorporated into the treatment process

i. The permittee shall maintain, or supply, an adequate disposal area as required by N.J.A.C. 7:9A.

j. Parameters with a "Report" requirement have no limit established by this permit. The permittee is still required to analyze the discharge sample for the parameter and report its value. Failure to sample and report the value is a permit violation.

k. The discharge of non-sanitary waste is a violation of this permit

B. Reporting Requirements

1. Conditions Associated with Discharge Monitoring
   
a. The permittee shall submit discharge monitoring data on Wastewater Characterization Report (WCR) forms in accordance with Part III of this permit.

b. Failure to submit sampling data on WCR's is a permit violation and may place the permittee subject to civil and administrative penalties pursuant to N.J.S.A. 58:10A-10 et seq.

c. WCRs shall be postmarked no later than the 25th day of the month following the completed monitoring period and should be received by the Department no later than the 1st day of the next month.
Sanitary Wastewater Discharges from Commercial Activities on Farms

d. If any Volatile Organic Compound (VOC) is detected above the MDL during the required annual VOC monitoring, the permittee must provide written notification, by certified mail to the Chief, Bureau of Ground Water, Residuals, and Permit Administration at P.O. Box 420, Trenton, New Jersey 08625. Notification shall be made within seven (7) days of receiving the analytical results and is in addition to reporting this analytical result on a DMR. After reviewing the analytical results for any priority pollutant required to be monitored, the Department may require the permittee to: increase the monitoring frequency for the substance in question; impose ground water quality monitoring for that substance; locate and remove the source of the substance from the waste stream; develop and implement measures to ensure that contamination of the system will not occur. The permittee shall comply with any deadline or requirement imposed by the Department regarding additional monitoring or removal of the substance(s) from the system.

C. Recordkeeping Requirements

1. Conditions Associated with Discharge Monitoring Requirements in Part III

a. The permittee shall retain records of all monitoring information including all calibration and maintenance records, all original strip chart recordings for continuous monitoring instrumentation, copies of all reports, and all data used to complete the application for this permit.

b. Records of monitoring information shall include the date, locations and time of the sampling or measurements, the individual who performed the sampling or measurements, the date the samples were collected, the date the samples were analyzed, the individual who performed the analysis, the analytical method used, and the results.

c. The permittee shall retain copies of all reports required by a NJPDES permit and records of all data used to complete the application for a NJPDES permit for a period of at least 5 years unless otherwise required by 40 CFR Part 503.

d. The permittee shall allow an authorized representative of the Department, upon the presentation of credentials, to enter a persons premises for the purpose of inspection and to access/copy any records that must be kept under the conditions of this permit.

D. Submission Requirements

1. Plot Plan

a. A revised Plot Plan shall be submitted when site conditions change. The Plot Plan shall include, at a minimum:

   i. Property boundaries;

   ii. The location of all regulated units. The regulated unit includes any part of a wastewater disposal system, including but not limited to all toilets, piping, drains, sewers, septic tanks, grease traps, distribution boxes, dosing tanks, disposal fields, seepage pits, cesspools, etc. that are monitored under the requirements of this permit. Each regulated unit shall be identified as Unit #1, Unit #2, etc.;

   iii. The location of each discharge monitoring point. Each discharge monitoring point shall be identified as T01T for Unit #1, T02T for Unit #2, etc.;

   iv. The location of all existing and proposed wells (water supply, monitoring, piezometer, irrigation, etc.); and
v. The location of all structures located on the site and their associated regulated units, if applicable. Structures include, but are not limited to, residential homes, barns, commercial buildings, farm stands, sheds, garages, etc.

E. Conditions Relating to Ground Water Discharge Units


a. Failure to operate and maintain treatment works and facilities, which are installed or used by the permittee to achieve compliance with the terms and conditions of the permit, is a violation of this permit.

b. The permittee shall notify the Department in writing whenever there is a change in operation which could potentially affect the characteristics of a regulated discharge.

c. When a regulated unit poses a potential health risk or hazard, measures must be taken to restrict unauthorized access to the site or unit and to minimize the potential for contact with the pollutants.

d. If the discharge from a regulated unit exceeds the design criteria provided in Part IV.G.2, or causes contravention of the GWQS, the permittee is required to implement corrective measures in accordance with the requirements outlined in Part IV.G.2 of this permit.

e. When any regulated unit must be removed from service for reasons other than routine maintenance and/or scheduled rotation; or creates an unpermitted discharge; or fails hydraulically, the permittee is required to implement the contingency requirements as outlined in Part II.E.5.

2. Requirements for Underground Injection Control (UIC) discharges

a. The immediate and surrounding area of the regulated unit(s) shall be inspected on, at least, a monthly basis for evidence of malfunctioning. Said evidence shall include, but not be limited to, breakout, ponding, wet areas, odors and an overabundance or loss of vegetative cover. The permittee shall keep detailed records of these inspections which shall be made available to the Department upon request.

b. The permittee shall comply with the applicable provisions of the Additional Requirements for Underground Injection Control (UIC) Program, N.J.A.C. 7:14A-8.

F. Conditions Relating to Operation and Maintenance

1. Operation and Maintenance Plan

a. The permittee shall develop and implement an Operation and Maintenance (O&M) Plan that ensures the proper continued functioning of the regulated unit(s). The O&M Plan shall be kept onsite and available for review upon request by the Department. At a minimum, the O&M Plan shall include the following information:

i. A schedule of the maintenance and inspections of the regulated unit(s) at a frequency of 1/month as established in Part IV.E.2;

ii. A schedule of the recommended inspections and calibrations for all flow monitoring devices at the frequency prescribed by the specific device manufacturer;
iii. Assessment of emergency situations which may affect the discharge activities as outlined in N.J.A.C. 7:14A-6.12(d)3. Emergency procedures in the O&M Plan shall not create an unpermitted discharge or contravene any rules or regulations. If the discharge flows to the regulated units without the aid of pumps, the emergency plan only needs to address equipment and emergency procedures.

iv. Procedures for correcting emergency situations.

v. Procedures for notifying the appropriate agencies.

vi. Location of any onsite temporary or permanent pollutant storage areas.

b. After an emergency situation has been corrected, the permittee shall review the emergency procedures in place and, if necessary, update the O&M Plan.

G. Custom Requirements

1. Flow Monitoring and Reporting for Commercial Activities
   a. Maximum daily aggregate flow from all commercial discharges on the property shall not exceed 2,000 gallons per day.
   b. The daily flow from each discrete commercial discharge(s) on the regulated property shall be monitored and recorded.
      i. Each regulated discharge unit shall be equipped with a continuous flow monitoring device that records the daily discharge from the regulated unit. Alternatively, other methods, such as counting pump cycles or monitoring water use for each regulated unit, may be used instead of a continuous flow monitoring device.
   c. If multiple regulated units exist, the flow rate shall be calculated by adding the monitored daily discharges from all regulated units on the property and shall be reported as a single number.
   d. If the reported monthly average for flow rate exceeds the discharge limit established in Part III for a period of 3 consecutive reporting cycles, the Department may revoke the authorization under this general permit and regulate the facility under a more appropriate permit document, such as an individual NJPDES permit or authorization under another general permit, pursuant to N.J.A.C. 7:14A-6.13 and 16.4.

2. High Strength Waste Requirements for Commercial Activities
   a. High strength wastewater pretreatment shall be provided for all commercial activities with a food service component.
   b. A septic system designer shall certify that the High strength wastewater pretreatment provided actively treats and reduces fats, oils and grease (FOG), total suspended solids (TSS) and biological (BOD) and chemical (COD) oxygen demand.
   c. The wastewater pretreatment treatment components shall be designed to meet the following effluent criteria:
      i. Total Suspended Solids (TSS): ≤ 155mg/l;
      ii. Five-Day Biological Oxygen Demand (BOD5): ≤ 155mg/l;
ii. Chemical Oxygen Demand (COD): \( \leq 500\text{mg/l} \); and

iv. Fats, Oils and Grease (FOG): \( \leq 70\text{mg/l} \).

d. The septic system designer certification of the high strength wastewater pretreatment components must specify how the grease removal components are to be installed and maintained to achieve the identified effluent design criteria referenced above.

e. Grease removal components must be equipped with audio and visual alarms to identify when the storage capacity of the system has reached 75 percent. When the storage capacity reaches 75 percent, the operator of the system shall take immediate steps to maintain effluent criteria by ensuring that grease is removed from the system. Disposal of grease must be done in compliance with all applicable Federal, State and local requirements.

f. Any grease removal components must be operated and maintained in accordance with the manufacturer specifications or they will be considered non-compliant.

g. The high strength wastewater pretreatment effluent criteria, from each discrete regulated unit on the subject property, shall be monitored on a quarterly basis.

h. For purposes of this permit, the sampling of the high strength wastewater effluent criteria shall be performed for each regulated unit with a food service component as follows:

i. At least one grab sample from each regulated unit associated with a food service component shall be collected and analyzed during each calendar quarter. All sampling results shall be kept onsite and made available to the Department upon request.

i. If the sampling results for any regulated unit exceed any of the high strength wastewater pretreatment effluent criteria listed above for a period of 3 consecutive calendar quarters the permittee shall notify the Bureau of Ground Water, Residuals, and Permit Administration, in writing, within 14 days of receipt of sampling results.

j. Within 90 days of identification of the regulated unit(s) causing the exceedance, the permittee shall evaluate the system and determine the cause of the exceedance and provide a plan to the Bureau of Ground Water, Residuals, and Permit Administration to address the issue. Such plan may require additional treatment and shall include the following:

i. the corrective measures to be implemented, including the additional treatment, if applicable, to meet the high strength wastewater pretreatment effluent criteria for each regulated unit that was causing an exceedance.

k. Additional treatment shall be defined as sanitary sewage pretreatment device designed to actively remove fats, oils and grease, as well as reduce total suspended solids, biochemical and chemical oxygen demand, and is incorporated into septic system design by a septic system designer and takes into consideration the existing or anticipated sanitary wastewater strength.

l. The permittee shall implement the plan within six (6) months of submission to the Bureau of Ground Water, Residuals, and Permit Administration.

m. If the facility continues to exceed the high strength wastewater pretreatment effluent criteria after corrective measures have been implemented, the Department may revoke the authorization under this general permit and regulate the facility under a more appropriate permit document, such as an individual NJPDES permit or authorization under another general permit, pursuant to N.J.A.C. 7:14A-6.13 and 16.4.
n. All the above-mentioned materials shall be submitted, as applicable, to the following address:
   Mail Code – 401-02B
   Division of Water Quality
   Bureau of Ground Water, Residuals, and Permit Administration
   P.O. Box 420
   401 E. State Street
   Trenton, NJ 08625-0420

3. **Total Volatile Organics Reporting Requirements for Commercial Activities**
   a. For purposes of this permit, the sampling of the total volatile organics shall be performed as follows:
      i. Facilities with one (1) regulated unit, with only one sampling event annually: a single grab sample shall be collected and reported as the Daily Maximum Value.
      ii. Facilities with multiple regulated units, with only one sampling event annually: an equal aliquot from each regulated unit shall be collected and composited as a single sample during the sampling event. The resultant value shall be reported as the Daily Maximum Value.
**Commercial Activities Inventory Form**

**Facility Information:**

Facility Name: ____________________________________________________

Address: __________________________________________________________

Contact Person: ____________________________________________________

Phone: ___________________________ Email: ___________________________

Facility Location:

Lot(s): ___________________________ Block(s): _______________________

Municipality: ________________ County: ____________________________

1. Sewage Generating Activities - Residential

   Total Number of Residential Dwellings: ___________________________

   Please provide the following information for each dwelling unit on the Farm Property

<table>
<thead>
<tr>
<th>Dwelling</th>
<th>Total Number of Bedrooms</th>
<th>Garbage Disposal (Y/N):</th>
<th>Ejector/Grinder Pump (Y/N):</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(attach additional sheets if necessary)
2) Sewage Generating Activities – Non-Residential (Commercial):

List all non-residential (commercial) activities which occur on the Farm Property that could contribute to the total daily volume of sanitary sewage generated on the maximum day of operation:

<table>
<thead>
<tr>
<th>Venue Name/Activity:</th>
<th>Square Footage of Venue</th>
<th>Maximum Seats in Venue</th>
<th>Maximum Staff</th>
<th>Onsite Food Preparation (Y/N):</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(attach additional sheets if necessary)

The types of activities that should be identified above include, but are not limited to: restaurants, catering halls, wedding venues, food preparation areas, winery/brewery or distillery tasting rooms, cider mills, bakeries, ice cream making, day camps, special events & festivals, Pick your Own operations, Hayrides, Overnight lodging facilities, etc.