AGENCY OF NATURAL RESOURCES
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DRINKING WATER AND GROUNDWATER PROTECTION DIVISION
ONE NATIONAL LIFE DRIVE – DAVIS 4
MONTPELIER, VERMONT 05620-3521

INDIRECT DISCHARGE PERMIT

Permit No.: ID-9-0339

SECTION A – "ADMINISTRATION"

In compliance with provisions of 10 V.S.A. §1263, and in accordance with the following conditions, the permittee:

Town of Montgomery
Public Safety Building
86 Mountain Rd. / VT-242
Montgomery, Vermont 05471

is authorized to discharge treated domestic sewage from the Montgomery Center Community Decentralized Wastewater Treatment and Disposal System, located in Montgomery, Vermont, to groundwater and indirectly to the Trout River via the collection, treatment and disposal system approved in this permit and described in Condition B2. **This is a New Indirect Discharge Permit.**

A1. Permit Summary:

Expiration Date	March 31, 2031
Type of Waste	Secondary-plus treated Domestic Sewage
Treatment System	Packed Bed Media Filter
Disposal System	Subsurface drip dispersal
Design Capacity	40,000 gallons per day
Drainage Basin	Trout River drainage basin
Receiving Water	Trout River
Drainage Area	24.0 square miles
Low Median Monthly Stream Flow (LMMF)	5,118,000 gallons per day
Dilution Ratio (at LMMF) Stream Flow: Design Capacity	128: 1

A2. Compliance Schedule:

The following schedule summarizes the actions and requirements necessary for compliance with the conditions of this permit. The permittee shall complete the requirements in accordance with the dates indicated. See the designated section for specific details.

Condition # & Description		Schedule Date
A3.	Apply for renewal of Indirect Discharge Permit	January 31, 2031
A4.	Submit the results of Compliance Evaluation for Renewal	January 31, 2031
D4(a).	Have a Vermont Registered Professional Engineer complete an inspection of sewage collection, treatment and disposal system	Annually in April
D4(b).	Submit Annual Inspection Report	Annually by July 1st
D4(c).	Submit notification of implementation of Engineer's recommendation	Annually by August 1st
D5.	Notify Secretary of pumping of septic tanks and septage disposal	As specified
D6.	Submit an Operation and Maintenance Plan	Within 90 days of system start up
D10.	Submit a monthly disposal report for the collection, treatment and disposal system	By the 15th of each month
D11.b.	Submit a Reserve Capacity determination	January 31, 2031
E1.	Submit Quality Assurance/Quality Control Plan	Within 180 days of Permit issuance
E2.	Collect and analyze influent samples	Quarterly
E3.	Sewage flow measurement readings	Monthly
E4.	Collect and analyze effluent samples	Quarterly
E5.	Collect and analyze groundwater samples and measure depth to groundwater in monitoring wells	Quarterly
E6 (a)	Collect and analyze receiving stream samples	Bi-annually
E7.	Submit monitoring report for all analyses	By the 15th day of the second month following sampling

A3. Expiration Date:

This permit, unless revoked, or amended, shall be valid until March 31, 2031, despite any intervening change in Water Quality Standards or the classification of receiving waters. Renewal of this Indirect Discharge Permit will be subject to all rules applicable at the time of renewal, including biological standards to determine significant alteration of aquatic biota. For the purposes of Title 3, an application for renewal of this Indirect Discharge Permit will be considered timely if complete application is received by the expiration date. However, the permittee should apply for renewal by January 31, 2031.

A4. Compliance Evaluation for Renewal

The application for renewal of this indirect discharge permit must contain the following:

(1) a completed WR-82 application form (note that the Schedule I application form is also required when changes are proposed to the indirect discharge system that result in a change of the indirect discharge);

(2) a consultant's evaluation report that shall include the following:

(a) a narrative summary of the annual inspection reports from the past five years;

(b) an analysis of all monitoring data available for the treatment facility's effluent, groundwater, and receiving stream for the previous five-year period, unless a different time period is established by the Secretary;

(c) evaluation of compliance with the Aquatic Biota Criteria, if required by this permit and;

(d) an evaluation of compliance with each permit condition and permit limitation.

(3) payment of the application fee.

A5. Revocation:

The Secretary may revoke this permit in accordance with 10 V.S.A.§1267.

A6. Transfer of Permit:

This permit is not transferable without written approval of the Secretary through the issuance of this permit to a new permittee. The current permittee shall notify the Secretary in writing, before any sale, lease, or other transfer of ownership of the property from which the permitted discharge originates. To obtain this permit, the proposed transferee shall make application for this permit to be reissued in their name.

A7. Indirect Discharge Permit Criteria:

This collection, treatment and disposal system qualifies for an Indirect Discharge Permit in accordance with §14-1802 of the Indirect Discharge Rules, effective April 12, 2019, for Experimental Treatment Systems.

This collection, treatment and disposal system qualifies for an Indirect Discharge Permit in accordance with §14-701(a) of the Indirect Discharge Rules, effective April 12, 2019, for New Indirect Discharges of Sewage. A demonstration of compliance with the Aquatic Permitting Criteria was performed for this new indirect discharge based upon the Site-Specific Method, as outlined in Sections 14-904 and 14-905 of the Indirect Discharge Rules.

Based on information submitted with the application for an Indirect Discharge Permit, the Secretary presumes that this collection, treatment and disposal system is in compliance with the Aquatic Permitting Criteria, the Vermont Water Quality Standards and the Groundwater Protection Rule & Strategy, as outlined in Sections §14-701 and §14-804(a) of the Indirect Discharge Rules.

A8. Right of the Agency to Inspect:

The permittee shall allow the Secretary or the Secretary's authorized representative upon the presentation of their credentials and at reasonable times:

a. To enter upon permittee's premises in which an effluent source treatment or disposal system is located or in which any records are required to be kept under the conditions of the permit;

b. To have access to and copy any records required to be kept under conditions of this permit;

c. To inspect any monitoring equipment or method required in this permit;

d. To sample any discharge of waste, groundwater or surface water; and

e. To inspect any collection, treatment, pollution management and disposal system required by this permit.

A9. Permit Availability:

A copy of this permit shall remain at the office of the permittee and, upon request, shall be made available for inspection by representatives of the Secretary.

A10. Modifications to Approved System:

Modifications of the collection, treatment and disposal system, including any increase in the approved disposal capacity specified in Condition D1, shall be approved by the Secretary before any modifications are made. Modification requests shall be reviewed and approved through a permit amendment.

Minor modifications of the collection, treatment and disposal system which do not reduce the treatment effectiveness or exceed the disposal capacity specified in Condition D1 for this system may be approved in writing by the Secretary without a permit amendment. The permittee shall submit plans to the Secretary for review and approval before any minor modifications are made.

A11. Replacement of Failed Disposal System:

In the event the disposal system fails, the permittee shall apply for an Indirect Discharge Permit amendment for a replacement disposal system that meets the requirements of the Indirect Discharge Rules. The engineering plans for the replacement system shall be reviewed and approved by the Secretary before any construction occurs.

A12. Operating Fees:

This Indirect Discharge is subject to operating fees. The permittee shall submit the operating fees in accordance with procedures provided by the Secretary.

SECTION B "INDIRECT DISCHARGE"

B1. Location of Indirect Discharge:

This New Indirect Discharge disposal system is located in the Trout River drainage basin. The indirect discharge is located at Latitude N 44°52'51.1" and Longitude W 72°36'08.8" in the Town of Montgomery, Vermont.

B2. Collection, Treatment and Disposal System:

This permit approves the construction and operation of the sewage collection, treatment and disposal system serving Montgomery Center.

The sewage collection system consists of a network of a septic tank effluent gravity (STEG) sewer system supplemented by pump stations. Septic tanks with effluent filters on each property convey effluent by gravity in common septic tank effluent gravity (STEG) sewer mains to one of two septic tank effluent pump stations. The pump stations convey effluent to the Montgomery Center Water Resource Recovery Facility (WRRF) and disposal area.

The Pump Station No. 1 effluent force main discharges into the Flow Equalization (EQ) Unit (2 tanks) at the Montgomery Center WRRF. The EQ wetwell pumps discharge effluent to the secondary-plus packed-bed media filter, which discharges filtrate to the drip dispersal wetwell. The drip dispersal pump system draws filtrate from the drip dispersal wetwell and discharges to the Route 242 Site drip dispersal area.
The disposal area consists of four ~10,000 gpd zones that are dosed in rotation. The disposal fields are subsurface drip dispersal zones, each with an effective leaching area of 5,575 square feet utilizing an application rate of 1.8 gpd per square foot. A maximum wastewater loading rate of 2.7 gallons per day per square foot with 150% redundancy is designed, resulting in design flow of 40,000 gallons per day. The treated effluent discharges to groundwater and indirectly to the Trout River.

SECTION C "SYSTEM CONSTRUCTION"

C1. Previous Approvals:

There are no previous approvals for this collection, treatment and disposal system.

C2. Construction of New Indirect Discharge System:

The permittee shall construct the new Montgomery Center Community Decentralized Wastewater Treatment and Disposal System in accordance with the following plans and specifications approved by the Secretary:

- Plans titled “Center Community Decentralized Wastewater Treatment and Disposal System” dated September 2025, and stamped by John Reilly, PE, of Hoyle, Tanner, & Associates, Inc. of Burlington, VT and as amended by Comment Responses and Addendum 1, below.

- Contract Documents and Specifications titled “Final Design Specifications and Contract Documents for Bidding for the Center Community Decentralized Wastewater Treatment and Disposal System” dated September 2025 and stamped by John Reilly, PE, of Hoyle, Tanner, & Associates, Inc. of Burlington, VT and as amended by Comment Responses and Addendum 1, below.

- Comment Responses Dated 5/24/2026 By Jon Olin, PE of Hoyle Tanner & Associates of Burlington, Vermont

- Addendum 1 dated June 30, 2026, by Jason Booth, PE, of Aldrich + Elliott, PC of Essex Junction, VT.

C3. Granted Variances

a. A variance was granted from the requirements of Section §14-1401 (a)(1)(B) of the Indirect Discharge Rules, effective April 12, 2019, which states that all disposal system designs shall provide for 100% dual alternating fields. The approved design provides six alternating drip dispersal zones dosed in rotation to deliver 150% of the design flow daily. This variance is based on the more even distribution of effluent provided by drip dispersal systems, as well as recommendations from the system manufacturers that drip dispersal systems be operated without prolonged rest periods and with sequential flow to individual drip zones.

b. The following variances were granted from the requirements of Section §14-1401 (a)(1)(C) of the Indirect Discharge Rules, effective April 12, 2019, which states that all disposal systems shall meet specified isolation distances:

- Septic tanks minimum horizontal isolation distance to various items.

- Sewer lines and Force main minimum horizontal isolation distance to various items.

C4. Construction Inspection and Certification:

Before the start of any construction of the approved Montgomery Center Community Decentralized Wastewater Treatment and Disposal System, the permittee shall retain a Vermont Registered Professional Engineer to provide inspection of the construction, including, at a minimum, the following applicable components:

a. The engineer or designated representative, or a licensed surveyor, shall stake out the location of new pump stations, sewer lines, manholes, tanks and disposal fields in accordance with the approved plans.

b. The engineer or designated representative shall provide a general inspection of the work at reasonable intervals to ensure that construction is completed in accordance with the approved plans.

c. The engineer or designated representative shall be present for the installation of all major system components.

d. The engineer or designated representative shall be present for all required leakage and pressure testing, and shall verify the proper operation of all alarms, floats, valves, pumps, controls and any other component of the collection, treatment and disposal system.

e. The engineer or designated representative shall inspect the preparation of the in-ground drip system's infiltrative surface of the disposal fields before the subsurface drip lines are installed.

f. The engineer or designated representative shall, prior to backfilling the distribution piping in each disposal field, witness the testing of each distribution network with clean water to assure that there is complete and even distribution throughout the drip dispersal system. The engineer or designated representative shall verify that the hydraulic design should achieve discharge rates and volumes that vary no more than +10% between all the emitters within a zone during a complete dosing event.

g. The engineer or designated representative shall maintain written reports of all inspections performed including dates, items inspected and comments. Copies of all inspection reports shall be submitted to the Secretary upon request.

h. Within 60 days following completion of construction, the inspecting Professional Engineer shall certify in writing to the Secretary that the collection, treatment and disposal system was constructed in accordance with the approved plans and specifications. As-Built plans of the collection, treatment and disposal system shall be submitted to the Secretary with the certification.

SECTION D "SYSTEM OPERATION"

D1. General Operating Requirements:

a. The Wastewater Treatment Facility shall be operated by a chief Wastewater Treatment Facility Operator having a current wastewater treatment plant operator's certificate for the correct grade based on the complexity of the system. The operator's certification grade shall be Grade I based on the Vermont Water Pollution Abatement Facility Operator Rule, as amended.

b. The sewage collection, treatment and disposal system shall be operated at all times in a manner that will (1) not permit the discharge of sewage onto the surface of the ground; (2) not result in the surfacing of sewage; (3) not result in the direct discharge of sewage into the waters of the State; (4) not result in a violation of the Groundwater Protection Rule & Strategy; (5) not result in a violation of Water Quality Standards; and (6) not exceed a disposal rate of 40,000 gallons per day.

D2. Specific Operating Requirements:

There are no specific operating requirements for this system.

D3. Effluent Limits:

The Secondary-plus treated effluent to be discharged to the subsurface disposal system shall comply with the following limits at all times:

	Daily Maximum	Monthly Average
Flow	40,000 gpd	N/A
Biochemical Oxygen Demand (5-day)	N/A	15 mg/L
Total Suspended Solids	N/A	15 mg/L
Total Dissolved Phosphorus	Monitor only	Monitor only
Total Kjeldahl Nitrogen	Monitor only	Monitor only
Ammonia (as N)	Monitor only	Monitor only
Nitrate Nitrogen	Monitor only	Monitor only

D4. Annual Inspection, Report and Implementation:

a. Annual Inspection:

Annually, during the month of April, the permittee shall retain a Vermont Registered Professional Engineer to make a thorough inspection, evaluation and report of the complete sewage collection, treatment and disposal system. The engineer's inspection shall include, at a minimum, the following:

1. measuring the accumulation of solids and scum in all septic tanks and determining if the septic tanks should be pumped out that year;

2. verifying the proper operation of all system components including but not limited to pump station pumps, alarms, controls, meters and switching valves;

3. walking the disposal fields, noting the general condition of the ground surface and checking for any signs of surfacing effluent;

4. verifying the proper operation of the secondary-plus treatment system, drip dispersal system and all associated components. In accordance with recommended inspection intervals, the secondary-plus treatment units and the drip dispersal system shall be inspected by approved service providers on a quarterly basis for the first two years of operation, and then every six months thereafter. Inspection reports shall be submitted with the annual inspection report.

5. evaluating the depth to ground water beneath the system as evidenced by the depth to groundwater in the monitoring wells;

6. noting any necessary repairs or maintenance that needs to be performed on the sewage collection, treatment and disposal system.

b. Annual Inspection Report:

By July 1st each year, the permittee shall have a Professional Engineer submit an annual report including the following items:

1. a complete list of the items inspected and the results of the inspection;
2. measurements of accumulation of sludge and scum in all septic tanks;
3. measurements of groundwater depth in each of the groundwater monitoring wells;
4. verification that the drip dispersal zones are properly rotating;
5. observations from quarterly or bi-annual WWTF and drip dispersal inspections, and;
6. a discussion of the recommended repairs and maintenance required.

c. Implementation:

By August 1st each year, the permittee shall notify the Secretary in writing stating how the Engineer's recommendations were or are to be implemented, including submittal of a schedule for the required repair and maintenance items which have not yet been completed.

D5. Septage Disposal:

During the collection, treatment and disposal system's annual inspection, the depth of sludge and scum shall be measured in all septic tanks. The septic tanks shall be pumped if: 1) the sludge is closer than twelve (12) inches to the outlet baffle or; 2) the scum layer is closer than three (3) inches to the septic tank outlet baffle or; 3) otherwise recommended by the inspecting engineer. The permittee shall notify the Secretary in writing of the name and address of the pumper and the municipal sewage treatment facility or other facility approved by the Secretary where the septage is or will be disposed.

D6. System Operation and Maintenance:

The sewage collection, treatment and disposal system shall be operated and maintained at all times in compliance with this permit and in a manner that will not pose a risk to public health and safety, or cause contamination of drinking water supplies, groundwater and/or surface water. The permittee shall provide an Operation and Maintenance Plan to the Secretary within 90 days of the system's start up.

D7. Reporting of Failures:

The permittee shall immediately report any failure of the sewage collection, treatment or disposal system to the Secretary, first by telephone within 24 hours of the failure and then in writing within 5 days of the failure. A failed system is a system that is functioning in a manner (1) that allows wastewater to be exposed to the open air after being discharged, pool on the surface of the ground, discharge directly to surface water, or back up into a building or structure; (2) that results in a potable water supply being contaminated and rendered not potable; or (3) that presents a threat to human health. The written notice shall include a discussion of the actions taken or to be taken to correct the failure.

D8. Non-Compliance Notification:

a. The Permittee shall give advance notice to the Secretary of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

b. In the event the Permittee is unable to comply with any of the conditions of this permit due, among other reasons, to:

1. Breakdown or maintenance of waste treatment equipment (biological and physical-chemical systems including all pipes, transfer pumps, compressors, collection ponds or tanks for the segregation of treated or untreated wastes, ion exchange columns, or carbon absorption units);

2. Accidents caused by human error or negligence;

3. Any unanticipated bypass or upset which exceeds any effluent limitation in the permit;

4. Violation of a maximum day discharge limitation for any of the pollutants listed by the Secretary in this permit; or

5. Other causes such as acts of nature, the Permittee shall provide notice as specified in subdivisions (c) and (d) of this subsection.

c. Pursuant to 10 V.S.A. § 1295, notice for “untreated discharges,” as defined.

1. Public notice: For “untreated discharges” an operator of a Wastewater Treatment Facility (WWTF) or the operator’s delegate shall as soon as possible, but no longer than one hour from discovery of an untreated discharge from the WWTF, post on a publicly accessible electronic network, mobile application, or other electronic media designated by the Secretary an alert informing the public of the untreated discharge and its location, except that if the operator or his or her delegate does not have telephone or Internet

service at the location where he or she is working to control or stop the untreated discharge, the operator or his or her delegate may delay posting the alert until the time that the untreated discharge is controlled or stopped, provided that the alert shall be posted no later than four hours from discovery of the untreated discharge.

2. Secretary notification: For "untreated discharges" an operator of a WWTF shall within 12 hours from discovery of an untreated discharge from the WWTF notify the Secretary and the local health officer of the municipality where the facility is located of the untreated discharge. The operator shall notify the Secretary through use of the Department of Environmental Conservation's online event reporting system. If, for any reason, the online event reporting system is not operable, the operator shall notify the Secretary via telephone or e-mail. The notification shall include:

   i. The specific location of each untreated discharge, including the body of water affected. For combined sewer overflows, the specific location of each untreated discharge means each outfall that has discharges during the wet weather storm event.

   ii. Except for discharges from a WWTF to a separate storm sewer system, the date and approximate time the untreated discharge began.

   iii. The date and approximate time the untreated discharge ended. If the untreated discharge is still ongoing at the time of reporting, the entity reporting the untreated discharge shall amend the report with the date and approximate time the untreated discharge ended within three business days of the untreated discharge ending.

   iv. Except for discharges from a WWTF to a separate storm sewer system, the approximate total volume of sewage and, if applicable, stormwater that was released. If the approximate total volume is unknown at the time of reporting, the entity reporting the untreated discharge shall amend the report with the approximate total volume within three business days.

   v. The cause of the untreated discharge and a brief description of the noncompliance, including the type of event and the type of sewer structure involved.

   vi. The person reporting the untreated discharge.

d. For any non-compliance not covered under Condition D8.c of this permit, including failure of the collection, treatment, and disposal system, an operator of a WWTF or the operator's delegate shall notify the Secretary within 24 hours of becoming aware of such condition and shall provide the Secretary with the following information, in writing, within five days:

1. Cause of non-compliance;

2. A description of the non-complying discharge including its impact upon the receiving water;
3. Anticipated time the condition of non-compliance is expected to continue or, if such condition has been corrected, the duration of the period of non-compliance;

4. Steps taken by the Permittee to reduce and eliminate the non-complying discharge; and

5. Steps to be taken by the Permittee to prevent recurrence of the condition of non-compliance.

D9. Discharge Restrictions:

The permittee shall not allow any person to discharge or cause to be discharged anything other than sewage to this collection, treatment and disposal system.

D10. Monthly Report:

On a monthly basis, the permittee shall submit a disposal report to the Secretary summarizing all information for the collection, treatment and disposal system required for the previous month. The report shall be submitted to the Secretary by the 15th of each month for all activities for the previous month. The report shall be signed by the permittee, under the following statement:

"*I certify under penalty of law that I have personally examined, and am familiar with, the information submitted herein. Based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment*."

D11. Reserve Connection Capacity:

a. Reserve capacity for additional construction shall be determined by subtracting the highest monthly average flow during a minimum of four years from the 365-day connected capacity. New connections shall be authorized using the design flows in the Wastewater System and Potable Water Supply Rules, as amended.

b. Reserve capacity shall be reported at the time of each permit renewal (every five years) and include a summary of all the flow data from the previous 5-year permit period.

SECTION E "MONITORING"

E1. Quality Assurance/Quality Control Plan:

The permittee shall perform compliance monitoring in accordance with an approved Quality Assurance/Quality Control Plan (QA/QC Plan) and the conditions of this Indirect Discharge Permit. The QA/QC plan shall be submitted within 180 days of the Indirect Discharge Permit issuance and address all operational testing, effluent monitoring, and ground and surface water monitoring. The QA/QC plan shall include information about the number and location of groundwater monitoring wells.

E2. Influent Monitoring:

Once the system is in operation, the influent shall be sampled at EQ tank just prior to the packed bed media filter system. The influent shall be sampled and analyzed as follows:

Parameter	Units	Sample Type	Sample Frequency
Flow		Reading	Daily
Biochemical Oxygen Demand (5-Day)	mg/L	Grab	Quarterly
Total Suspended Solids	mg/L	Grab	Quarterly
Total Dissolved Phosphorus	mg/L	Grab	Quarterly
Nitrate Nitrogen	mg/L	Grab	Quarterly
Chloride	mg/L	Grab	Quarterly
pH	S.U.	Grab	Quarterly

E3. Sewage Volume Measurement:

Flow measurement readings shall be recorded daily as noted in conditions E2 and E4, and calculations of daily average sewage flows shall be submitted monthly to the Secretary by the 15th of the second month following the recording period.

E4. Effluent Monitoring:

Once the system is in operation, the effluent shall be sampled and analyzed at the drip dispersal wetwell that discharges to the drip dispersal fields as follows:

Parameter	Units	Sample Type	Sample Frequency
Flow		Reading	Daily
Biochemical Oxygen Demand (5-Day)	mg/L	Grab	Quarterly
Total Suspended Solids	mg/L	Grab	Quarterly
Total Dissolved Phosphorus	mg/L	Grab	Quarterly
Nitrate Nitrogen	mg/L	Grab	Quarterly
Chloride	mg/L	Grab	Quarterly
pH	S.U.	Grab	Quarterly

The results of the effluent analyses shall be submitted to the Secretary by the 15th day of the second month after sampling takes place. The Secretary reserves the right to require increased monitoring of the system should operation of the system fail to meet the requirements of Sections D (1) and D (3).

E5. Groundwater Monitoring:

a. Chemical:

The groundwater in the monitoring wells shall be sampled in accordance with the QA/QC plan required by condition E1, and analyzed as follows:

Parameter	Units	Sample Type	Sample Frequency
Total Dissolved Phosphorus	mg/L	Grab	Quarterly
Nitrate Nitrogen	mg/L	Grab	Quarterly
Chloride	mg/L	Grab	Quarterly
pH	S.U.	Grab	Quarterly
Depth to Groundwater	Feet	Measure	When sampling

Quarterly sampling shall be performed during the months of February, May, September, and November each year. The results of the effluent analyses shall be submitted to the Secretary by the 15th day of the second month after sampling takes place. The Secretary reserves the right to require increased monitoring of the system should operation of the system fail to meet the requirements of Sections D(1) and D(3).

b. Groundwater Levels:

The depth to groundwater (below ground surface) in all monitoring wells installed around the disposal fields shall be measured and recorded quarterly. The results of these measurements shall be submitted to the Secretary quarterly.

E6. Receiving Stream Monitoring:

a. Chemical:

The receiving stream shall be sampled upstream and downstream of the Indirect Discharge and analyzed as follows:

Parameter	Units	Sample Type	Sample Frequency
Total Phosphorus[1]	mg/L	Grab	Bi-annually
Total Dissolved Phosphorus[1]	mg/L	Grab	Bi-annually
Nitrate Nitrogen	mg/L	Grab	Bi-annually
Chloride	mg/L	Grab	Bi-annually
pH	S.U	Grab	Bi-annually

Notes:

(1) Two independent samples shall be taken and analyzed on each sampling date in May and September, every year. The results of the groundwater analyses shall be submitted to the Secretary by the 15th day of the second month after sampling takes place.
(2) The permittee shall not sample the receiving stream within 24 hours of any storm event affecting the stream's watershed.

b. Biological:

Upon written request from the Secretary, the permittee shall conduct biological sampling in the receiving stream upstream and downstream of the indirect discharge in accordance with procedures approved by the Secretary.

E7. Submittal of Monitoring Results:

The results of all sampling required by this permit shall be submitted to the Secretary by the 15th day of the second month following the date of sampling.

E8. Sampling and Testing Procedures:

All wastewater, groundwater and surface water sampling, preservation, handling and test procedures used to comply with the monitoring requirements herein shall conform to procedures specified in the most current edition of Standard Methods for the Examination of Water and Wastewater APHA - AWWA - WPCF, and the Vermont Water

Quality Standards unless written approval of an alternate method is received from the Agency.

The laboratory utilized for analyzing the samples shall demonstrate successful participation in third party proficiency testing recognized by ISO or NELAP for all parameters and shall analyze any check sample provided by the Secretary. Failure to obtain an acceptable result for either the Secretary's check sample or successful third-party proficiency testing may be a basis for requiring an alternate analytical laboratory.

E9. Miscellaneous:

If the permittee monitors any required parameter set forth in this permit for this treatment and disposal system more frequently or at additional locations outside the treatment facility than required by this permit, the results of such monitoring shall be submitted to the Secretary.

All records and information resulting from the monitoring activities required by this permit including all records of analyses performed and calibration and maintenance of instrumentation and recordings from continuous monitoring instrumentation shall be retained for a minimum of three (3) years, or longer if requested by the Secretary. Records shall include laboratory bench sheets showing exact location, time, and composites of sample as well as analytical procedures used, interim results obtained and all calculations supporting the reported test results.

E10. Additional Monitoring Requirements:

The Secretary reserves the right to require additional monitoring of the collection, treatment and disposal system should operation of the system fail to meet the requirements of Conditions D1 and D6.

SECTION F "COMPLIANCE REVIEW"

If the results of any inspection or monitoring indicate that an exceedance of the disposal limits identified in Condition D1, or a violation of the Vermont Water Quality Standards is occurring, or is likely to occur, the Secretary may require the permittee to take appropriate corrective actions to eliminate a violation or reduce the possibility of a violation.

The issuance of this permit, ID-9-0339, relies upon the data, designs, judgement and other information supplied by the applicant, the applicant's consultants and other experts who have participated in the preparation of the application. The Secretary makes no assurance that this system will meet the performance objectives of the applicant, and no warranties or guarantees are given or implied.

SECTION G "EFFECTIVE DATE"

This permit, ID-9-0339, is effective on the date of signature.

SECTION H "APPEAL RIGHTS"

This permit may be appealed to the Environmental Division of the Vermont Superior Court within 30 days of the date of this permit.

Julia S. Moore, Secretary
Vermont Agency of Natural Resources

By: ____  Date: _____September 29, 2026

Nathan Kie, Indirect Discharge and Underground Injection Control Programs Supervisor