Stormwater Pollution Prevention Plan

for:

Windham Transfer and Recycling Station
2 Ledge Road, Unit 1
Windham, NH, 03087
(603) 426-5102

SWPPP Contact(s):

General Services Director
Dennis Senibaldi
2 Ledge Road, Unit 1
Windham, NH, 03087
(603) 426-5102
(603) 965-1049/DSenibadli@WindhamNH.gov

Town Administrator
David Sullivan
3 N. Lowell Road
Windham, NH, 03087
(603) 432-7732
(603) 965-1233/TownAdmin@WindhamNH.gov

SWPPP Preparation Date:

Latest Revision: May 2021

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SECTION 1: FACILITY DESCRIPTION AND CONTACT INFORMATION

1.1 Facility Information.

Facility Information

Facility Name: Windham Transfer and Recycling

Street/Location: 2 Ledge Road, Unit 1

City: Windham State: NH ZIP Code: 03087

County or Similar Government Subdivision: Rockingham

NPDES ID (i.e., permit tracking number): NHR05S809 (if covered under a previous permit)

Primary Industrial Activity SIC code, and Sector and Subsector (2021 MSGP, Appendix D and Part 8):
SIC code 5093 Sector N2

Co-located Industrial Activity(s) SIC code(s), Sector(s) and Subsector(s) (2021 MSGP, Appendix D):

Is your facility presently inactive and unstaffed and are there no industrial materials or activities exposed to stormwater? ☐ Yes ☒ No

Latitude/Longitude

Latitude: 42 . 8030 º N (decimal degrees)

Longitude: -71. 3150 º W (decimal degrees)

Method for determining latitude/longitude (check one):

☐Maps (If USGS topographic map used, specify scale:_____) ☐GPS

☒Other (please specify): latlong.net

Horizontal Reference Datum (check one):

☐NAD 27 ☐NAD 83 ☒WGS 84

Is the facility located in Indian country? ☐ Yes ☒ No

If yes, provide the name of the Indian tribe associated with the area of Indian country (including name of Indian reservation, if applicable).

Are you considered a "federal operator" of the facility?

Federal Operator – an entity that meets the definition of "operator" in [the 2021 MSGP] and is either any department, agency or instrumentality of the executive, legislative, and judicial branches of the Federal government of the United States, or another entity, such as a private contractor, operating for any such department, agency, or instrumentality. ☐ Yes ☒ No

Estimated area of industrial activity at your facility exposed to stormwater: <0.25 acres
(to the nearest quarter acre)

Discharge Information

Does this facility discharge stormwater into a municipal separate storm sewer system (MS4)?
☐ Yes ☒ No

If yes, name of MS4 operator: _____

Name(s) of surface water(s) that receive stormwater from your facility: Tributary of Golden Brook, Golden Brook, Cobbetts Pond.

Does this facility discharge industrial stormwater directly into any segment of an "impaired water" (see definition in 2021 MSGP, Appendix A)? ☐ Yes ☒ No

If Yes, identify name of the impaired water(s) (and segment(s), if applicable):

Identify the pollutant(s) causing the impairment(s):

Which of the identified pollutants may be present in industrial stormwater discharges from this facility?

None are expected to be present.

Has a Total Maximum Daily Load (TMDL) been completed for any of the identified pollutants? If yes, please list the TMDL pollutants:

No.

Does this facility discharge industrial stormwater into a receiving water designated as a Tier 2, Tier 2.5 or Tier 3 water (see definitions in 2021 MSGP, Appendix A)? ☐ Yes ☒ No

Are any of your stormwater discharges subject to effluent limitation guidelines (ELGs) (2021 MSGP Table 1-1)? ☐ Yes ☒ No
If Yes, which guidelines apply?

1.2 Contact Information/Responsible Parties.

Facility Operator(s):

Name: Town of Windham
Address: 2 Ledge Road, Unit 1
City, State, Zip Code: Windham, NH, 03087
Telephone Number: (603) 426-5102
Email address: DSenibaldi@WindhamNH.gov
Fax number: (603) 965-1049

(repeat for multiple operators by copying and pasting the above rows)

Facility Owner(s):

Name: Town of Windham
Address: PO Box 120, 4 N. Lowell Road
City, State, Zip Code: Windham, NH, 03087
Telephone Number: (603) 432-7732
Email address: TownAdmin@WindhamNH.gov
Fax number: (603) 965-1233

(repeat for multiple operators by copying and pasting the above rows)

SWPPP Contact(s):

SWPPP Contact Name (Primary): Dennis Senibaldi
Telephone number: (603) 426-5102
Email address: DSEnibaldi@WindhamNH.gov
Fax number: (603) 965-1049

SWPPP Contact Name (Backup): David Sullivan
Telephone number: (603) 432-7732
Email address: TownAdmin@WindhamNH.gov
Fax number: (603) 965-1233

1.3 Stormwater Pollution Prevention Team.

Staff Names	Individual Responsibilities
Dennis Senibaldi	General Services Director
David Sullivan	Town Administrator
Rex Norman	Community Development Director
Eric DeLong	IT/GIS Director
Vacant/TBD	Planner

1.4 Site Description.

The facility receives solid waste material and recyclables from Town of Windham residents. Materials are received by residents and commercial carriers. Materials are hauled off site by Town employees for disposal, recycling or reuse as appropriate.

1.5 General Location Map.

The general location map for this facility can be found in Attachment A.

1.6 Site Map.

The site map showing the following information is included as Attachment B.

- Boundaries of the property and the size of the property in acres;
- Location and extent of significant structures and impervious surfaces;
- Directions of stormwater flow (use arrows), including flows with a significant potential to cause soil erosion;
- Locations of all stormwater control measures;
- Locations of all receiving waters, including wetlands, in the immediate vicinity of your facility, indicating which waterbodies are listed as impaired and which are identified by your state, tribe or EPA as Tier 2, Tier 2.5, or Tier 3 waters;
- Locations of all stormwater conveyances including ditches, pipes, and swales;
- Locations of potential pollutant sources identified under Part 6.2.3;
- Locations where significant spills or leaks identified under Part 6.2.3.3 have occurred;
- Locations of all stormwater monitoring points;
- Locations of stormwater inlets and discharge points, with a unique identification code for each discharge point (e.g., 001, 002), indicating if you are treating one or more discharge points as "substantially identical" under Parts 3.2.4.5, 6.2.5.3, and 4.1.1, and an approximate outline of the areas draining to each discharge point;
- If applicable, MS4s and where your stormwater discharges to them;
- Areas of Endangered Species Act-designated critical habitat for endangered or threatened species, if applicable; and
- Locations of the following activities where such activities are exposed to precipitation:
  - fueling stations;
  - vehicle and equipment maintenance and/or cleaning areas;
  - loading/unloading areas;
  - locations used for the treatment, storage, or disposal of wastes;
  - liquid storage tanks;
  - processing and storage areas;
  - immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility;
  - transfer areas for substances in bulk;
  - machinery; and
  - locations and sources of run-on to your site from adjacent property that contains significant quantities of pollutants.

SECTION 2: POTENTIAL POLLUTANT SOURCES

Section 2 will describe all areas at your facility where industrial materials or activities are exposed to stormwater or from which authorized non-stormwater discharges originate. Industrial materials or activities include, but are not limited to: material handling equipment or activities; industrial machinery; raw materials; intermediate products, by-products, final products, and waste products. Material handling activities include, but are not limited to: the storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, final product or waste product. For structures located in areas of industrial activity, you must be aware that the structures themselves are potential sources of pollutants. This could occur, for example, when metals such as aluminum or copper are leached from the structures as a result of acid rain.

For each area identified, the SWPPP must include industrial activities in the area, potential pollutants or pollutant constituents for each identified activity, documentation of where potential spills and leaks could contribute pollutants to stormwater discharges, evaluation of unauthorized non-stormwater discharges, salt storage location, stormwater discharge sampling data and descriptions of stormwater control measures.

2.1 Potential Pollutants Associated with Industrial Activity.

Industrial Activity	Associated Pollutants
Fueling	Diesel Fuel
Recycling	Waste Oil
Maintenance	Paint Solvents
Received for Recycling	Metal (variety), Plastic, Tires (Rubber), Paper/Cardboard, Glass
Received for Disposal	Household Trash
Received for Disposal	Construction & Demolition Waste

If you are a Sector S (Air Transportation) facility, do you anticipate using more than 100,000 gallons of pure glycol in glycol-based deicing fluids and/or 100 tons or more of urea on an average annual basis?

☐ Yes ☐ No

If you are a Sector G (Metal Mining) facility, do you have discharges from waste rock and overburden piles?

☐ Yes ☐ No

2.2 Spills and Leaks.

Areas of Site Where Potential Spills/Leaks Could Occur

Location	Discharge Points
Truck that receives demolition has no sealed bottom and water could go through the bottom and get into the adjacent brook	001

Description of Past Spills/Leaks

Date	Description	Discharge Points
None	Insert description of spill/leak (where it occurred, what happened, types of pollutants, extent of damage)	Specify which discharge point(s) were affected

2.3 Unauthorized Non-stormwater Discharges Evaluation.

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Description of this facility's unauthorized non-stormwater discharge evaluation:

- Date of evaluation: 12/5/2020
- Description of the evaluation criteria used: Visual inspection – looked for signs of discoloration in water; smelled for odor from water or in area of outfall; touch to see any sense of foreign substance in water.
- List of the discharge points or onsite drainage points that were directly observed during the evaluation: Pipe outlet on Route 111 side of driveway into Highway Department which comes from overflow from the detention basin located between the Transfer Station and Highway Garage. This basin is where the water from the transfer station is channeled through catch basins.
- Action(s) taken, such as a list of control measures used to eliminate unauthorized discharge(s), or documentation that a separate NPDES permit was obtained. For example, a floor drain was sealed, a sink drain was re-routed to sanitary or an NPDES permit application was submitted for an unauthorized cooling water discharge: No actions needed due to no detection of any unauthorized discharges at the time of evaluation.

2.4 Salt Storage.

No material storage piles containing salt are stored on the transfer station site.

2.5 Sampling Data Summary.

Samples were analyzed in 2004 and 2005. Inspection reports indicate there was consistently no runoff contamination and the samples were sent to the lab. Lab results are summarized in the table below and can also be found in Attachment D.

Material	4/6/2004	5/25/2004	3/31/2005
Aluminum	0.75 mg/L	< 0.05 mg/L	0.13 mg/L
Copper	< 0.01 mg/L	< 0.01 mg/L	< 0.01 mg/L
Iron	1.0 mg/L	0.09 mg/L	0.18 mg/L
Lead	< 0.01 mg/L	< 0.01 mg/L	< 0.01 mg/L
Zinc	0.015 mg/L	< 0.005 mg/L	< 0.005 mg/L
Solids Suspended	16 mg/L	< 5 mg/L	7 mg/L
COD	< 10 mg/L	< 10 mg/L	< 10 mg/L

SECTION 3: STORMWATER CONTROL MEASURES (SCM)

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3.1 Non-numeric Technology-based Effluent Limits (BPT/BAT/BCT)

You must comply with the following non-numeric effluent limits as well as any sector-specific non-numeric effluent limits in Part 8, except where otherwise specified.

3.1.1 Minimize Exposure.

While the community continues to evaluate the potential of covering the trailer where demolition materials are stored to minimize the likelihood of stormwater leaking from the bottom of the container, the Town does the following to monitor any concerns:

1. The materials that are allowed in the demolition materials are typically used outdoors (ie wood, shingles, concrete) which have reached the end of their useful life
2. The demolition trailer is moved at least two times per week and hauled away for material disposal
3. Each time the trailer is moved the staff sweep around the area
4. Throughout the day staff are around the area monitoring the use of the trailer and would be able to see both minor and major leaks that were present and be able to address them so any spill would be contained to the immediate area which is away from any stormwater outfall

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3.1.2 Good Housekeeping.

- Updating written Operation and Maintenance (O&M) procedures including all requirements for buildings and facilities, and vehicles and equipment.
- Periodically review the inventory of all buildings and facilities, and vehicles and equipment.
- Establish and record annually implementation of program activities for maintenance, repair and rehabilitation of MS4 infrastructure.
- Continue to document catch basin cleaning such that each catch basin is no more than 50% full and clean catch basins on that schedule, ensuring proper storage of basin cleanings.
- Sweep all streets and parking areas that are curbed or with catch basins in accordance with permit conditions.
- Minimize the use of road salt within facility parking areas and streets and evaluate opportunities for use of alternative materials.
- Establish and implement inspection and maintenance procedures and frequencies.
- The Town does not accept drums or tanks. Any oil that is accepted is contained in approved containment vessels.
- The Town's demolition trailer is taken from the site at least twice per week were materials are properly disposed of at licensed disposal facilities
- On a daily basis staff walks around facility to both help customers as well as to ensure not hazards exist.
- In 2020 the Town began to use the vacuum method for cleaning out of catch basins which has greatly improved the amount of materials that are removed from each catch basin to help ensure no catch basin is no more than 50% full.

3.1.3 Maintenance.

The following procedures are and will be practiced at the transfer station and will be revised as facility and/or operation changes occur.

- Recyclable items (i.e. appliances, scrap metal, propane tanks, etc.) are stored under cover to prevent exposure and stormwater contact.
- Site is and will be policed, and any solid waste residue will be removed to reduce surface water contact and impact to the offsite drainage/watershed area.
- Diesel fuel and waste oil vendors will be instructed on Regulation and Plan, including Spill Action Plan.
- Any defined leachate from Station washing activities will be contained on site for proper disposal.

3.1.4 Spill Prevention and Response Procedures.

Spill Action Plan

- All containers that could be susceptible to spillage or leakage shall be plainly labeled to encourage proper handling and to facilitate rapid response if sills or leaks occur.
- Materials shall be stored away from high traffic areas unless contained by a secondary containment barrier to contain spills and leaks should they occur.
- Identify and contain spill by using spill containment kits, absorbents, and other measures to prevent the migration of the spill.
- Notify management staff and/or supervision, ASAP.
- Depending on severity of spill, a hazardous waste clean-up firm may be notified to assist with containment, clean up, and removal of material.
- Depending on severity of spill, local Fire Department, including Hazardous Material Team, may be notified to assist with cleanup activities. Phone 911 for emergency calls.
- Depending on severity of spill, New Hampshire DES may be notified to assist and provide guidance on any environmental impact. NHDES phone number is (603) 271-3644.
- Fill out an Incident Report Form and file at the appropriate locations.
- All appropriate vendors that utilize the site will be advised of Action Plan.
- Facility personnel will be instructed annually on the Action Plan to ensure proper response and any revisions.
- Where a leak, spill or other release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity established under either 40 CFR Part 110, 40 CFR Part 117, or 40 CFR Part 302 occurs during a 24-hour period, the Town will notify the National Response Center (NRC) at (800) 424-8802 and State or local authorities as required.

3.1.5 Erosion and Sediment Controls.

Onsite activities do not routinely disturb surface vegetation. If vegetation is disturbed, a variety of methods are to be used at this site, including but not limited to, filter fabric, sand bags, straw bales, vegetative cover, and dikes. As the need arises, one or a combination of these methods will be used to reduce and/or eliminate the sediments due to stormwater produced erosion. Staff will monitor and maintain the methods installed at the site.

3.1.6 Management of Stormwater.

- Driveways are pitched to shed stormwater off site or to 4 driveway drains.
- Four driveway drains are connected by gravity piping to a common outfall, which is designated as a

retention pond.

- Retention pond outfalls to an unnamed brook.

3.1.7 Salt Storage Piles or Piles Containing Salt.

There are no material piles stored on the transfer station site.

3.1.8 Dust Generation and Vehicle Tracking of Industrial Materials.

- Activities on the site do not routinely generate dust. Site will be policed, and any solid waste residue will be removed to reduce tracking of materials off site.
- Site is paved which will minimize dust generation on site.

3.2 Numeric Effluent Limitations Based on Effluent Limitations Guidelines (ELGs).

No effluent limits apply to this site.

Regulated Activity	40 CFR Part/Subpart	Effluent Limit
Discharges resulting from spray down or intentional wetting of logs at wet deck storage areas	Part 429, Subpart I	See Part 8.A.8
Runoff from phosphate fertilizer manufacturing facilities that comes into contact with any raw materials, finished product, by-products or waste products (SIC 2874)	Part 418, Subpart A	See Part 8.C.5
Runoff from asphalt emulsion facilities	Part 443, Subpart A	See Part 8.D.5
Runoff from material storage piles at cement manufacturing facilities	Part 411, Subpart C	See Part 8.E.6
Mine dewatering discharges at crushed stone, construction sand and gravel, or industrial sand mining facilities	Part 436, Subparts B, C, or D	See Part 8.J.10
Runoff from hazardous waste landfills	Part 445, Subpart A	See Part 8.K.7
Runoff from non-hazardous waste landfills	Part 445, Subpart B	See Part 8.L.11
Runoff from coal storage piles at steam electric generating facilities	Part 423	See Part 8.O.8
Runoff containing urea from airfield pavement deicing at existing and new primary airports with 1,000 or more annual non-propeller aircraft departures	Part 449	See Part 8.S.9

3.3 Water Quality-based Effluent Limitations and Water Quality Standards.

There is a detention basin located between the Transfer Station and Highway Garage. This basin is where the water from the transfer station that is channeled through catch basins is conveyed.

3.4 Sector-Specific Non-Numeric Effluent Limits.

- This facility accepts only materials from residential sources.
- The community is evaluating the feasibility of covering the trailer where demolition materials are stored to minimize the likelihood of stormwater leaking from the bottom of the container.
- Inbound Recyclable Material Control per 2021 MSGP Section 8.N.3.3.1. compliance.

  The site is monitored to prevent accepting materials that could be a significant source of pollutants. Education is provided by posting information regarding accepted and prohibited waste details on the website. Windham participates in the Household Hazardous Waste Program to provide an opportunity for residents to dispose of non-compatible materials in an acceptable manner.
- Tipping floor is not routinely washed. Sorbent materials (recycled as practical) are used to wipe up waste on the floor. The sorbent materials are disposed of with the residential waste.
- Training will regularly be provided for pollution and prevention practices.

SECTION 4: SCHEDULES AND PROCEDURES

4.1 Good Housekeeping.

Site inspections shall be in accordance with the Operations and Maintenance Procedures.

4.2 Maintenance.

The following procedures will be practiced at the transfer station and will be revised as facility and/or operation changes occur.

- All exposed recyclable items (i.e. appliances, scrap metal, propane tanks, etc.) are and will be covered to prevent exposure and stormwater contact.
- Site will be policed, and any solid waste residue will be removed to reduce surface water contact and impact to the offsite drainage/watershed area.
- Diesel fuel and waste oil vendors will be instructed on Regulations and Plan, including Spill Action Plan.
- All defined leachate from the transfer station washing activities will be contained on site for proper disposal.

Site inspections shall be in accordance with the Operations and Maintenance Manual.

4.3 Spill Prevention and Response Procedures.

Spill Action Plan

- All containers that could be susceptible to spillage or leakage shall be plainly labeled to encourage proper handling and to facilitate rapid response if sills or leaks occur.
- Materials shall be stored away from high traffic areas unless contained by a secondary containment barrier to contain spills and leaks should they occur.
- Identify and contain spill by using spill containment kits, absorbents, and other measures to prevent the migration of the spill.
- Notify management staff and/or supervision, ASAP.
- Depending on severity of spill, a hazardous waste clean-up firm may be notified to assist with containment, clean up, and removal of material.
- Depending on severity of spill, local Fire Department, including Hazardous Material Team, may be notified to assist with cleanup activities. Phone 911 for emergency calls.
- Depending on severity of spill, New Hampshire DES may be notified to assist and provide guidance on any environmental impact. NHDES phone number is (603) 271-3644.
- Fill out an Incident Report Form and file at the appropriate locations.
- All appropriate vendors that utilize the site will be advised of Action Plan.
- Facility personnel will be instructed annually on the Action Plan to ensure proper response and any revisions.
- Where a leak, spill or other release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity established under either 40 CFR Part 110, 40 CFR Part 117, or 40 CFR Part 302 occurs during a 24-hour period, the Town will notify the National Response Center (NRC) at (800) 424-8802 and State or local authorities as required.

4.4 Erosion and Sediment Control.

No polymers or chemical treatments are used for erosion and sediment control at the facility.

4.5 Employee Training.

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Employee training will be provided for all new employees and annually to refresh existing employees. Employee training includes the following:

- Review of the location of all controls on site and how they are maintained;
- Review of forms for documentation and inspections as applicable to each employee;
- Spill response procedures, good housekeeping, maintenance requirements, and material management practices; and
- An overview of the SWPPP and what it contains.

4.6 Inspections and Assessments.

4.6.1 Routine Facility Inspections.

Inspections will be done during normal facility operating hours, if possible. They will include inspection of areas where industrial materials or activities are exposed to stormwater, including the demolition trailer and the adjacent area. Additionally, inspection of the discharge point of the retention basin will occur. Inspections will be performed quarterly and will consist of a visual inspection with stormwater samples taken at the discharge point. At least one inspection per calendar year will be performed while there is a stormwater discharge.

For routine facility inspections to be performed at your site, your SWPPP must include a description of the following:

1. **Person(s) or positions of person(s) responsible for inspection.** Dennis Senibaldi, General Services Director

   Note: Inspections must be performed by qualified personnel with at least one member of your stormwater pollution prevention team participating. Inspectors must consider the results of visual and analytical monitoring (if any) for the past year when planning and conducting inspections. Qualified personnel are those who possess the knowledge and skills to assess conditions and activities that could impact stormwater quality at your facility, and who can also evaluate the effectiveness of control measures.

2. **Schedules for conducting inspections, including tentative schedule for facilities in climates with irregular stormwater discharges.** Inspections will be done during normal facility operating hours, if possible. Inspections will be performed quarterly and will consist of a visual inspection with stormwater samples taken at the discharge point. At least one inspection per calendar year will be performed while there is a stormwater discharge.

Note: The qualified personnel must conduct inspections at least quarterly (i.e., once each calendar quarter), or in some instances more frequently (e.g., monthly). Increased frequency may be appropriate for some types of equipment, processes and stormwater control measures, or areas of the facility with significant activities and materials exposed to stormwater. At least once each calendar year, the routine inspection must be conducted during a period when a stormwater discharge is occurring.

3. **List areas where industrial materials or activities are exposed to stormwater**. One area of the transfer station, the demolition trailer, has materials exposed to stormwater.
4. **List areas identified in the SWPPP (section 1 of the SWPPP Template) and those that are potential pollutant sources (see Part 6.2.3).** The demolition trailer is a potential pollutant source. A portion of the vehicle fueled at the transfer station is not covered and therefore a potential pollutant source if spills occur during rain events.
5. **Areas where spills and leaks have occurred in the past three years.** The demolition trailer has the potential for a leak to have occurred in the past 3 years, but no leaks have been noted.
6. **Inspection information for discharge points.** The discharge point is the culvert that runs beneath the driveway to the Highway Garage. The approximate Latitude and Longitude of the discharge point is 42.8020, -71.3145
7. **List the control measures used to comply with the effluent limits contained in the 2021 MSGP.** There is a detention basin located between the Transfer Station and the Highway Garage. This basin is where the water from the transfer station that is channeled through catch basins is conveyed.
8. **Other site-specific inspection objectives.** During an inspection, the following will be examined or looked out for:
    - Industrial materials, residue or trash that may have or could come into contact with stormwater;
    - Leaks or spills from industrial equipment, drums, tanks, and other containers;
    - Offsite tracking of industrial or waste materials, or sediment where vehicles enter or exit the site;
    - Tracking or blowing of raw, final or waste materials from areas of no exposure to exposed areas;
    - Erosion of soils at the facility, channel and streambank erosion and scour in the immediate vicinity of the discharge point, per Part 2.1.2.5.
    - Non-authorized non-stormwater discharges, per Part 2.1.2.9;
    - Control measures needing replacement, maintenance or repair; and
    - During the inspection occurring during a stormwater event or stormwater discharge, the inspector will observe control measures implemented to comply with effluent limits to ensure they are functioning correctly.

Documentation:

The findings of the facility inspections will be documented and maintained with this SWPPP as required in Part 6.5 of the 2021 MSGP. Any corrective actions required as a result of a routine facility inspection will be conducted consistent with Part 5 of the 2021 MSGP. The results of visual assessments conducted will

be included with the facility inspection documentation. Facility inspection documentation will be submitted to EPA only upon request. A summary of the findings will be included in the Annual Reports per Part 7.4 of the 2021 MSGP including, but not limited to the following information:

- Inspection date and time;
- Inspector name(s) and signature(s);
- Weather Information
- All observations relating to the implementation of stormwater control measures at the facility including:
    - A description of any stormwater discharges occurring at the time of the inspection;
    - Any previously unidentified stormwater discharges from and/or pollutants at the facility;
    - Any evidence of, or the potential for, pollutants entering the stormwater drainage system;
    - Observations regarding the physical condition of and around all stormwater discharge points, including any flow dissipation devices, and evidence of pollutants in discharges and/or the receiving water;
    - Any stormwater control measures needing maintenance, repairs, or replacement;
- Any additional stormwater control measures needed to comply with the permit requirements;
- Any incidents of noncompliance; and
- A statement, signed and certified in accordance with Appendix B, Subsection 11.

4.6.2 Quarterly Visual Assessment of Stormwater Discharges.

For quarterly visual assessments to be performed at your site, your SWPPP must include a description of the following:

1. **Person(s) or positions of person(s) responsible for assessments.** Dennis Senibaldi, General Services Director
2. **Schedules for conducting assessments.** QUARTERLY, AS REQUIRED BY THE PERMIT.
3. **Specific assessment activities.** Once each quarter for the entire permit term, a stormwater sample will be collected from the discharge point and a visual assessment of each of these samples will occur. These samples will be collected in such a manner that the samples are representative of the stormwater discharge. The visual assessment will be made:
    - Of a sample in a clean, colorless glass or plastic container, and examined in a well-lit area;
    - On samples collected within the first 30 minutes of an actual discharge from a storm event. If it is not possible to collect the sample within the first 30 minutes of discharge, the sample will be collected as soon as practicable after the first 30 minutes and it will be documented why it was not possible to take the sample within the first 30 minutes.

In the case of snowmelt, samples will be taken during a period with a measurable discharge from the site; and

- For storm events, on discharges that occur at least 72 hours (three days) from the previous discharge. The 72-hour (three-day) storm interval does not apply if documented that less than a 72-hour (three-day) interval is representative for local storm events during the sampling period.

The sample will be visually inspected or observed for the following water quality characteristics:

- Color;
- Odor;
- Clarity (diminished);
- Floating solids;
- Settled solids;
- Suspended solids;
- Foam;
- Oil sheen; and
- Other obvious indicators of stormwater pollution.

If the visual assessment shows evidence of stormwater pollution, the corrective action procedures will be initiated.

The results of the visual assessments will be documented and maintained onsite with the SWPPP as required in Part 6.5 of the 2021 MSGP. Any corrective action required as a result of a quarterly visual assessment will be conducted consistent with Part 5 of the 2021 MSGP. Visual assessments will be submitted to EPA only upon request. The findings will, however, be summarized in the annual report per Part 7.4 of the 2021 MSGP. The documentation of the visual assessment will include, but not be limited to:

- Sample location(s);
- Sample collection date and time, and visual assessment date and time for each sample;
- Personnel collecting the sample and performing visual assessment, and their signatures;
- Nature of the discharge (i.e., runoff or snowmelt);
- Results of observations of the stormwater discharge;
- Probable sources of any observed stormwater contamination;
- If applicable, why it was not possible to take samples within the first 30 minutes; and
- A statement signed and certified in accordance with Appendix, B, Subsection 11 of the 2021 MSGP.

4.6.3 Exception to Routine Facility Inspections and Quarterly Visual Assessments for Inactive and Unstaffed Sites.

☐ **This site is inactive and unstaffed, and has no industrial materials or activities exposed to stormwater, in accordance with the substantive requirements in 40 CFR 122.26(g)(4)(iii) as signed and certified in Section 7 below.**

If you are invoking the exception for inactive and unstaffed sites for your routine facility inspections and/or quarterly visual assessments, include information to support this claim.

N/App

4.7 Monitoring.

Instructions (see 2021 MSGP Part 6.2.5.3):

Describe your procedures for conducting the six types of analytical stormwater discharge monitoring specified by the 2021 MSGP, where applicable to your facility, including:

- Indicator monitoring (2021 MSGP Part 4.2.1):
- Benchmark monitoring (2021 MSGP Part 4.2.2 and relevant requirements in Part 8 and/or Part 9);
- Effluent limitations guidelines monitoring (2021 MSGP Part 4.2.3 and relevant requirements in Part 8);
- State- or tribal-specific monitoring (2021 MSGP Part 4.2.4 and relevant requirements in Part 9);
- Impaired waters monitoring (2021 MSGP Part 4.2.5); and
- Other monitoring as required by EPA (2021 MSGP Part 4.2.6).

Depending on the type of facility you operate, and the monitoring requirements to which you are subject, you must collect and analyze stormwater samples and document monitoring activities consistent with the procedures described in 2021 MSGP Part 6 and Appendix B, Subsections 10 – 12, and any additional sector-specific or state/tribal-specific requirements in 2021 MSGP Parts 8 and 9, respectively. Refer to 2021 MSGP Part 7 for reporting and recordkeeping requirements. *Note: All monitoring must be conducted in accordance with the relevant sampling and analysis requirements at 40 CFR Part 136*. Include in your description procedures for ensuring compliance with these requirements.

If you are invoking the exception for inactive and unstaffed sites for benchmark monitoring, you must include in your SWPPP the information to support this claim as required by 2021 MSGP Part 6.2.1.3.

If you plan to use the substantially identical discharge point exception for your benchmark monitoring requirements, impaired waters monitoring requirements, and/or your quarterly visual assessment, you must include the following documentation:

- Location of each of the substantially identical discharge points;
- Description of the general industrial activities conducted in the drainage area of each discharge point;
- Description of the control measures implemented in the drainage area of each discharge point;
- Description of the exposed materials located in the drainage area of each discharge point that are likely to be significant contributors of pollutants to stormwater discharges;
- An estimate of the runoff coefficient of the drainage areas (low = under 40%; medium = 40 to 65%; high = above 65%); and
- Why the discharge points are expected to discharge substantially identical effluents.

Check the following monitoring activities applicable to your facility:

☐ Indicator monitoring

☐ Benchmark monitoring

☐ Effluent limitations guidelines monitoring

☐ State- or tribal-specific monitoring

☐ Impaired waters monitoring

☒ Other monitoring required by EPA

For each type of monitoring checked above, your SWPPP must include the following information:

Select type of monitoring activity from drop-down list below (*if subject to more than one type of monitoring activity, you will need to copy and paste the items below for each monitoring activity*):

Other monitoring required by EPA

1. **Sample location(s).** The samples will be taken at the discharge point which is the culvert that runs beneath the driveway to the Highway Garage. The approximate Latitude and Longitude of the discharge point is 42.8020, -71.3145.
2. **Pollutants to be sampled**. Pollutants to be sampled include Chemical Oxygen Demand (COD), Total Suspended Solids (TSS) and pH. These pollutants will be reported on only, no thresholds or baseline values are required. Samples will be performed quarterly each year.
3. **Monitoring Schedules.** Monitoring will be completed quarterly for the first and fourth years per Table 4-1 of the 2021 MSGP.
4. **Numeric Limitations**. There are no benchmark thresholds or effluent limitation guidelines for the discharge point but samples need to be collected to test for COD, TSS, and pH.
5. **Procedures**. Storm event data will be gathered within the first 30 minutes of a discharge associated with a measurable storm event. If it is not possible to collect the sample within the first 30 minutes of a measurable storm event the sample will be collected as soon as possible after the first 30 minutes and documentation will be kept with the SWPPP explaining why it was not possible to take samples within the first 30 minutes. The following information will be included in the documentation:
    - Date and duration (in hours) of rainfall event;
    - Rainfall total (in inches) for that rainfall event; and
    - Time (in days) since the previous measurable storm event.

    Dennis Senibaldi, General Services Director will be responsible for the sampling.

    The laboratory to be used will be Eastern Analytical.

Note: it may be helpful to create a table with columns corresponding to # 1 - 5 above for each type of monitoring you are required to conduct.

Exception for Inactive and Unstaffed Facilities (if applicable)

☐ **This site is inactive and unstaffed, and has no industrial materials or activities exposed to stormwater, in accordance with the substantive requirements in 40 CFR 122.26(g)(4)(iii) as signed and certified in Section 7 below.**

Exception for Substantially Identical Discharge Points(SIDP) (if applicable)

If you plan to use the SIDP exception for your quarterly visual assessment requirements in 2021 MSGP Part 3.2.4 or your indicator, benchmark, or impaired waters monitoring requirements in 2021 MSGP Parts 4.2.1, 4.2.2, and 4.2.5, respectively, include the following information here to substantiate your claim that these discharge points are substantially identical (2021 MSGP Part 6.2.5.3.d):

- Location of each SIDP: N/App
- List the general industrial activities conducted in the drainage area of each discharge point: N/App

- List the control measures implemented in the drainage area of each discharge point: N/App
- List the exposed materials located in the drainage area of each discharge point that are likely to be significant contributors of pollutants via stormwater discharges: N/App
- An estimate of the runoff coefficient of the drainage areas (low = under 40%; medium = 40 to 65%; high = above 65%): N/App
- Why the discharge points are expected to discharge substantially identical effluents: N/App

SECTION 5: DOCUMENTATION TO SUPPORT ELIGIBILITY CONSIDERATIONS UNDER OTHER FEDERAL LAWS

5.1 Documentation Regarding Endangered Species Act (ESA) Listed Species and Critical Habitat Protection.

The Northern Long-eared Bat is a Statewide Threatened Species. Operation of the transfer station will not encroach into mines or caves or cut trees.

5.2 Documentation Regarding National Historic Preservation Act (NHPA)-Protected Properties.

The Searles School and Chapel, Range and Searles Road is within the Community. No activities at the transfer station will affect this property.

SECTION 6: CORRECTIVE ACTIONS AND ADDITIONAL IMPLEMENTATION MEASURES

If corrective action is needed, all reasonable steps will be taken that day, or the next working day at the latest, to minimize or prevent the discharge of pollutants until a permanent solution is installed and made operational.

If subsequent actions are needed, they will be completed before the next storm event (if possible) and within 14 calendar days from the time of discovery of the corrective action condition. If actions cannot be completed with 14 calendar days, but can be completed within 45 days, the required action will be documented in this SWPPP along with a schedule for completing the work. If the actions cannot be completed with 45 calendar days, the EPA Regional Office will be notified with the intention to exceed 45 days along with the rationale for the extension and a completion date. The SWPPP will be updated as appropriate.

Corrective actions will be documented and included the SWPPP. They will also be included in the required annual report.

SECTION 7: SWPPP CERTIFICATION*

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: _____ Title: _____

Signature: _____ Date: _____

*Signed/Certified copy is retained on-site.

SECTION 8: SWPPP MODIFICATIONS

Instructions (see 2021 MSGP Part 6.3):

The SWPPP is a "living" document and is required to be modified and updated, as necessary, in response to corrective actions and deadlines. See Part 5 of the 2021 MSGP.

- If you need to modify the SWPPP in response to a corrective action required by Part 5.1 or AIM required by Part 5.2 of the 2021 MSGP, then the certification statement in section 7 of this SWPPP template must be re-signed in accordance with 2021 MSGP Appendix B, Subsection 11.A.
- For any other SWPPP modification, you should keep a log with a description of the modification, the name of the person making it, and the date and signature of that person. See 2021 MSGP Appendix B, Subsection 11.C.

SECTION 9: SWPPP AVAILABILITY

-

The SWPPP is found at the following url:

https://www.windhamnh.gov/450/Stormwater-Management

SWPPP ATTACHMENTS

Attachment A – General Location Map

Attachment B – Site Map

Attachment C –2021 MSGP

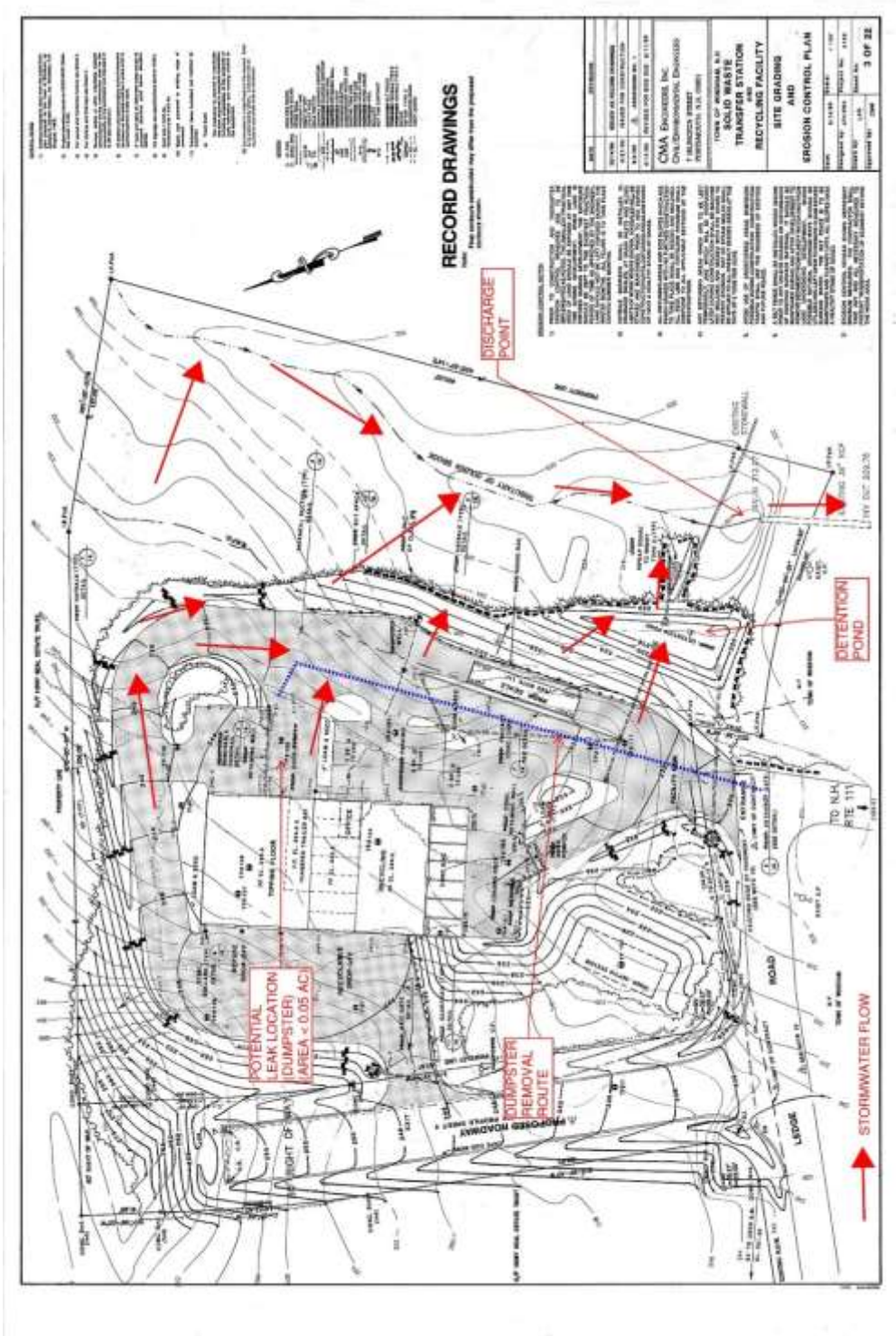
Attachment D –Sampling Data Summary

Attachment E –Supporting Data

Attachment A – General Location Map

	WINDHAM TRANSFER AND RECYCLING WINDHAM, NH	A
	PROJECT LOCATION MAP	

Attachment B – Site Map



Attachment C –2021 MSGP

Note: Links to the MSGP are found here:

https://www.epa.gov/npdes/stormwater-discharges-industrial-activities-epas-2021-msgpSpecific Sections:

https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp_-_permit_parts_1-7.pdf

https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp_-_permit_part_8_-_sector_specific_requirements.pdf

https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp_-_permit_part_8_-_sector_specific_requirements.pdf

Hard copies of the permit are available onsite.

Attachment D –Sampling Data Summary

Quarterly visual Sampling data is found in the hardcopy of the SWPPP located at the transfer station. Additionally, attached are older analytical sampling results from the initial permit term.

A summary of the 2020 Quarterly Visual Sampling results is provided here:

Sample Location: Outfall between Highway Garage Driveway and Route 111
Collection Date and Time: 3/6/20 – 3 pm (Q1 Sample)
Weather – Light Rain
Person Collecting Sample and Visual Assessment: Dennis Senibaldi, General Services Director:
(signature and certification is retained with the original collection documentation.)
Nature of Discharge: Runoff
Results of Observation: Normal Color and Smell, Nothing unusual detected, No evidence of contamination.

Sample Location: Outfall between Highway Garage Driveway and Route 111
Collection Date and Time: 4/10/20 – 2pm (Q2 Sample)
Weather – Rain
Person Collecting Sample and Visual Assessment: Dennis Senibaldi, General Services Manager:
(signature and certification is retained with the original collection documentation.)
Nature of Discharge: Runoff
Results of Observation: Normal Color and Smell, Nothing unusual detected, No evidence of contamination.

Sample Location: Outfall between Highway Garage Driveway and Route 111
Collection Date and Time: 7/16/20 – 12:50 pm (Q3 Sample)
Weather – Rain
Person Collecting Sample and Visual Assessment: Dennis Senibaldi, General Services Manager:
(signature and certification is retained with the original collection documentation.)
Nature of Discharge: Runoff
Results of Observation: Normal Color and Smell, Nothing unusual detected, No evidence of contamination.

Sample Location: Outfall between Highway Garage Driveway and Route 111
Collection Date and Time: 12/5/20 – 1 pm (Q4 Sample)
Weather – Heavy Rain
Person Collecting Sample and Visual Assessment: Dennis Senibaldi, General Services Manager:
(signature and certification is retained with the original collection documentation.)
Nature of Discharge: Runoff
Results of Observation: Normal Color and Smell, Nothing unusual detected, No evidence of contamination.

Sample Location: Outfall between Highway Garage Driveway and Route 111
Collection Date and Time: 2/19/21 – 3 pm (Q1 Sample)
Weather – Light Rain
Person Collecting Sample and Visual Assessment: Dennis Senibaldi, General Services Manager:
(signature and certification is retained with the original collection documentation.)
Nature of Discharge: Runoff
Results of Observation: Normal Color and Smell, Nothing unusual detected, No evidence of contamination.

David Poulson
Windham, Town of
4 North Lowell Road
Windham , NH 03087

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 42280
Client Identification: Quarterly SW Samples 2004 - Windham
Date Received: 5/25/2004

Dear Mr. Poulson:

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with the EPA document "Practical Guide for Ground-Water Sampling." Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:
Solid samples are reported on a dry weight basis, unless otherwise noted
< : "less than" followed by the reporting limit
TNR: Testing Not Requested
ND: None Detected, no established detection limit
RL: Reporting Limits
%R: % Recovery

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director

6-8-04
Date

3
# of pages (excluding cover letter)

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 42280

Client: **Windham, Town of** Client Designation: **Quarterly SW Samples 2004 - Windham**

Sample ID:	SW 2004
Lab Sample ID:	42280.01
Matrix:	aqueous
Date Sampled:	5/25/04
Date Received:	5/25/04

		Units	Date of Analysis	Method	Analys
Aluminum	**0.75**	mg/L	5/27/04	200.7	DS
Copper	< 0.01	mg/L	5/27/04	200.7	DS
Iron	**1.0**	mg/L	5/27/04	200.7	DS
Lead	< 0.01	mg/L	5/27/04	200.7	DS
Zinc	**0.015**	mg/L	5/27/04	200.7	DS

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 42280

Client: **Windham, Town of**

Client Designation: **Quarterly SW Samples 2004 - Windham**

Sample ID: SW 2004

		Analysis			
Lab Sample ID:	42280.01				
Matrix:	aqueous				
Date Sampled:	5/25/04				
Date Received:	5/25/04				
		Units	**Date**	**Time**	**Method**	**Analyst**
Solids Suspended	16	mg/L	5/28/04	9:00	160.2	SEL
COD	< 10	mg/L	6/04/04	11:00	H8000	JL

eastern analytical, inc. *www.eailabs.com* Phone: (603) 228-0525

CHAIN-OF-CUSTODY RECORD

eastern analytical
professional laboratory services

2280

WSD

Matrix
A - Air
S - Soil
GW - Ground W.
SW - Surface W.
DW - Drinking W.
WW - Waste W.
Other

aSampleID	Date/Time	Parameters	Sample Notes	# of containers
SW 2004	5/25/04 10AM	AqTot/TSS/COD/ICPMets-Al-Cu-Fe-Pb-Zn		3

preservative: HCl HNO$_3$ H$_2$SO$_4$ NaOH MEOH $Na_2S_2O_3$ ICE

Field Filtered Metals-Check here ☐

Storm Water outfall #1

Project Name: Quarterly SW Samples 2004 - Windham
EAI Batch #: State: NH
Client (Pro Mgr): David Poulson
Customer: Windham, Town of
Address: 4 North Lowell Rd.
City: Windham NH 03087
Phone: 426-5102 Fax: 425-6582
EmailAddres:

Results Needed by: Preferred date _____
Notes about project
2nd QTR

QC deliverables: ☒ A ☐ B ☐ C

ReportingOptions
☒ HC ☐ EDD email
☐ NO FAX
☐ Partial Fax
☐ EDD Disk

PONumber: verbal
Quote No: 1002439
Temperature 3.1 °C
Ice present Yes ☑ No ☐
Samples Collected by: David Poulson

Relinquished by	Date/Time	Received by
	5/25/04 1115	Bob
Bob	5-25-04 1220	Donna Mezzapelle
Relinquished by	Date/Time	eived by

eastern analytical
professional laboratory services

David Poulson
Windham, Town of
4 North Lowell Rd.
Windham , NH 03087

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 41423
Client Identification: Quarterly SW Samples 2004 - Windham
Date Received: 4/7/2004

Dear Mr. Poulson:

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with the EPA document "Practical Guide for Ground-Water Sampling." Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:
Solid samples are reported on a dry weight basis, unless otherwise noted
< : "less than" followed by the reporting limit
TNR: Testing Not Requested
ND: None Detected, no established detection limit
RL: Reporting Limits
%R: % Recovery

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw

Lorraine Olashaw, Lab Director

4.22.04
Date

3
# of pages (excluding cover letter)

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 41423

Client: **Windham, Town of**

Client Designation: **Quarterly SW Samples 2004 - Windham**

Sample ID:	T/R #1
Lab Sample ID:	41423.01
Matrix:	aqueous
Date Sampled:	4/6/04
Date Received:	4/7/04

		Units	Date of Analysis	Method	Analyst
Aluminum	< 0.05	mg/L	4/9/04	200.7	DS
Copper	< 0.01	mg/L	4/9/04	200.7	DS
Iron	0.09	mg/L	4/9/04	200.7	DS
Lead	< 0.01	mg/L	4/9/04	200.7	DS
Zinc	< 0.005	mg/L	4/9/04	200.7	DS

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 41423

Client: **Windham, Town of**

Client Designation: **Quarterly SW Samples 2004 - Windham**

Sample ID:	T/R #1						
Lab Sample ID:	41423.01						
Matrix:	aqueous						
Date Sampled:	4/6/04						
Date Received:	4/7/04						
				Analysis			
		Units	**Date**	**Time**	**Method**	**Analyst**	
Solids Suspended	< 5	mg/L	4/08/04	15:00	160.2	SEL	
COD	< 10	mg/L	4/14/04	10:00	H8000	NZ	

CHAIN-OF-CUSTODY RECORD

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41423

WSD

Matrix
A - Air
S - Soil
GW - Ground W.
SW - Surface W.
DW - Drinking W.
WW - Waste W.
☐ Other

aSampleID	Date/Time		Parameters	# of containers
SW T/R #1		SW	AqTot/TSS/COD/ICPMets-Al-Cu-Fe-Pb-Zn	4

Sample Notes

preservative: HCL, ~~HNO~~, ~~H_2SO_4~~, NaOH MEOH $Na_2S_2O_3$ ICE

Field Filtered Metals Check here ☐

TRANSFER/RECYCLING STATION

STORMWATER OUTFALL #1,

T/R #1

PRICE QUOTE MIKE SEARLES 10/30/03

Project Name Quarterly SW Samples 2004 - Windham

EAI Batch #

State NH

Client (Pro Mgr) David Poulson

Customer Windham, Town of

Address 4 North Lowell Rd.

City Windham NH 03087

Phone 426-5102 Fax 425-6582

EmailAddress:

Results Needed by: Preferred date _____

Notes about project

Annual Quote

* Collection date According to Container is 4/6/04!

PAM

QC deliverables ☒ A ☐ B ☐ C 4/22/04

ReportingOptions

☒ HC ☐ EDD email
☐ NO FAX
☐ Partial Fax
☐ EDD Disk

PONumber: verbal

Quote No: 1002439

Temperature 5.1 °C

Ice present Yes ☒ No ☐

Samples Collected by: David Poulson

Relinquished by	Date/Time	Received by
D. Poulson	4/7/04 AM 09:25	R. Blood
R. Blood	2004.04.07 14:10	Donna Mayo

Relinquished by Date/Time Rece

Eastern Analytical, Inc. 25 Chenell Dr. Concord, NH 03301 Phone (603)228-0525

eastern analytical
professional laboratory services

David Poulson
Windham, Town of
4 North Lowell Road
Windham , NH 03087

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 47281
Client Identification: Quarterly SW Samples 2005 - Windham
Date Received: 3/31/2005

Dear Mr. Poulson :

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:
Solid samples are reported on a dry weight basis, unless otherwise noted
< : "less than" followed by the reporting limit
TNR: Testing Not Requested
ND: None Detected, no established detection limit
RL: Reporting Limits
%R: % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

This report package contains the following information: Sample Conditions summary, Analytical Results/Data and copies of the Chain of Custody.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw
Lorraine Olashaw, Lab Director

4-13-05
Date

#1
# of pages (excluding cover letter)

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 47281

Client: **Windham, Town of** Client Designation: **Quarterly SW Samples 2005 - Windham**

Sample ID:	Outfall #1
Lab Sample ID:	47281.01
Matrix:	aqueous
Date Sampled:	3/31/05
Date Received:	3/31/05

		Units	Date of Analysis	Method	Analyst
Aluminum	**0.13**	mg/L	4/1/05	200.7	DS
Copper	< 0.01	mg/L	4/1/05	200.7	DS
Iron	**0.18**	mg/L	4/1/05	200.7	DS
Lead	< 0.01	mg/L	4/1/05	200.7	DS
Zinc	< 0.005	mg/L	4/1/05	200.7	DS

LABORATORY REPORT

Eastern Analytical, Inc. ID#: 47281

Client: **Windham, Town of**

Client Designation: **Quarterly SW Samples 2005 - Windham**

Sample ID:	Outfall #1
Lab Sample ID:	47281.01
Matrix:	aqueous
Date Sampled:	3/31/05
Date Received:	3/31/05

			Analysis			
		Units	**Date**	**Time**	**Method**	**Analyst**
Solids Suspended	7	mg/L	4/01/05	9:30	160.2	SEL
COD	< 10	mg/L	4/08/05	13:00	H8000	NZ

SAMPLE CONDITIONS PAGE

Eastern Analytical, Inc. ID#: 47281

Client: **Windham, Town of** Client Designation: **Quarterly SW Samples 2005 -**

Temperature upon receipt (°C): 2.8 **Received on ice or cold packs (Yes/No): Y**

Lab ID	SampleID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
47281.01	Outfall #1	3/31/05	3/31/05	aqueous		Adheres to Sample Acceptance Policy

amples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitibility, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

CHAIN-OF-CUSTODY RECORD

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professional laboratory services

47281

4

aSampleID	Date/Time	Matrix (A - Air, S - Soil, GW - Ground W., SW - Surface W., DW - Drinking W., WW - Waste W., Other)	Parameters	Sample Notes	# of containers
SW CUSTODY #4	3/31/05 10 AM		AqTot/TSS/COD/ICPMets-Al-Cu-Fe-Pb-Zn		

reservative: HCL HNO_3 H_2SO_4 NaOH MEOH $Na_2S_2O_3$ ICE

Field Filtered Metals Check here ☐

Project Name Quarterly SW Samples 2004 - Windham (5 (RW) 4-1-05)

EAI Batch # State NH

Client (Pro Mgr) David Poulson

Customer Windham, Town of

Address 4 North Lowell Rd.

City Windham NH 03087

Phone 426-5102 Fax 425-6582

EmailAddress:

Results Needed by: Preferred date _____

Notes about project

4th QTR

QC deliverables ☒ A ☐ B ☐ C

ReportingOptions

☒ HC ☐ EDD email
☐ NO FAX
☐ Partial Fax
☐ EDD Disk

PONumber: verbal

Quote No: 1002439

Temperature 2.8 °C

Ice present Yes ☒ No ☐

Samples collected by: David Poulson

Relinquished by	Date/Time	Received by
	3/31/05 10:45	
	3/9/05 13:23	R. Leeben
R. Leeben	3/31 14:19	[illegible]

Attachment E –Supporting Data

United States Department of the Interior

FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
Phone: (603) 223-2541 Fax: (603) 223-0104
http://www.fws.gov/newengland

In Reply Refer To: May 19, 2021
Consultation Code: 05E1NE00-2021-SLI-3321
Event Code: 05E1NE00-2021-E-10039
Project Name: Windham Transfer Station SWPPP

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (http://www.fws.gov/windenergy/) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm; http://www.towerkill.com; and http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
(603) 223-2541

Project Summary

Consultation Code: 05E1NE00-2021-SLI-3321
Event Code: 05E1NE00-2021-E-10039
Project Name: Windham Transfer Station SWPPP
Project Type: Regulation Promulgation
Project Description: Existing Transfer Station. No planned construction.
Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@42.80209205,-71.31400555562863,14z

Counties: Rockingham County, New Hampshire

Endangered Species Act Species

There is a total of 1 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Northern Long-eared Bat *Myotis septentrionalis*	Threatened

No critical habitat has been designated for this species.
Species profile: https://ecos.fws.gov/ecp/species/9045

Critical habitats

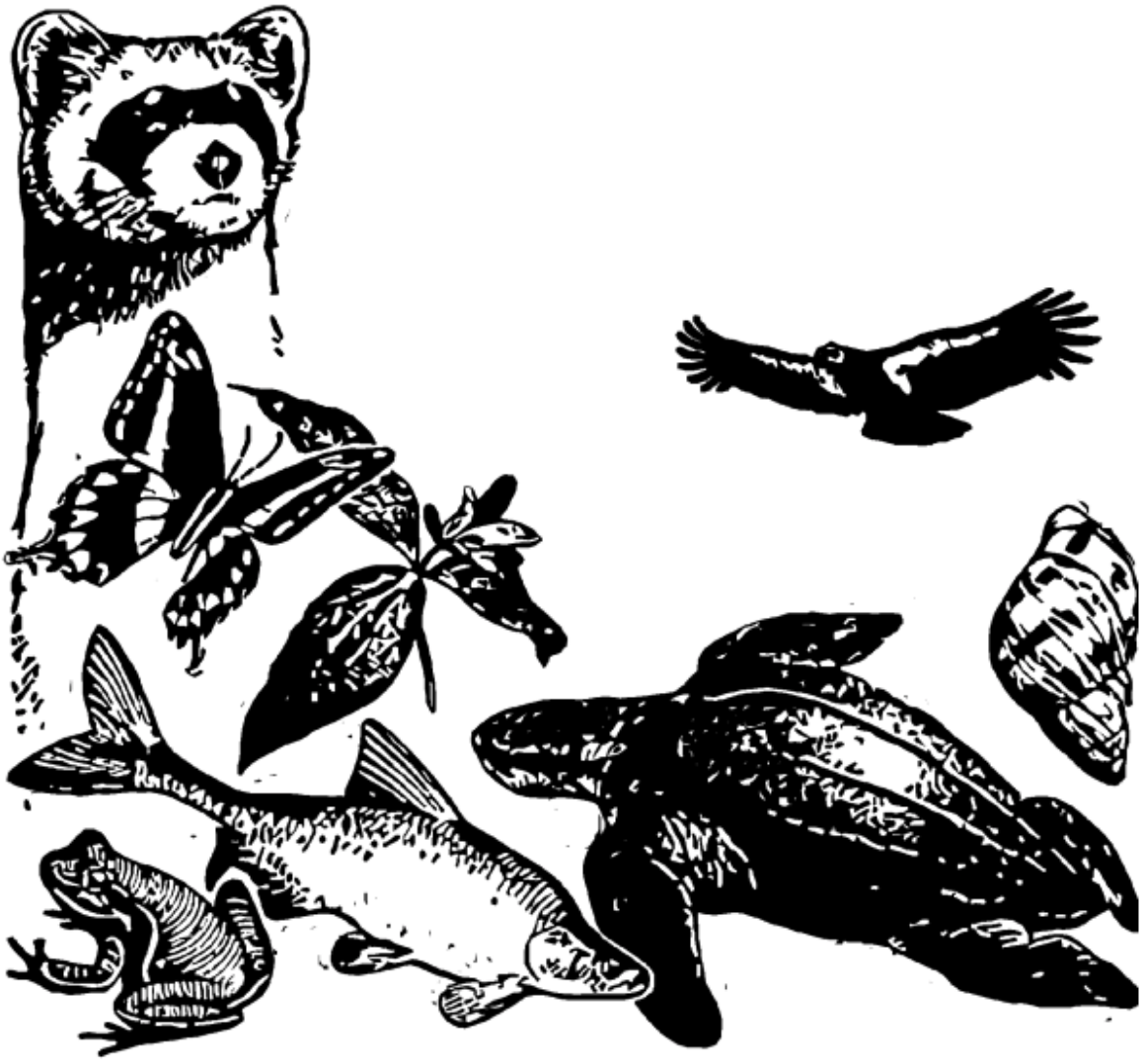
THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

U.S. Fish & Wildlife Service

Northern Long-Eared Bat (NLEB) Consultation and 4(d) Rule Consistency

Determination key overview

Generated May 19, 2021 09:08 AM MDT, IPaC v5.59.1



IPaC - Information for Planning and Consultation (https://ecos.fws.gov/ipac/): A project planning tool to help streamline the U.S. Fish and Wildlife Service environmental review process.

Federal agencies should use this determination key to avail themselves of the optional streamlined consultation framework for the northern long-eared bat, which is provided in the Service's January 2016 biological opinion. Use of this IPaC determination key is necessary to: (1) notify the USFWS that an action agency will use the streamlined framework and (2) describe the project with sufficient detail to support the required determination. The key is intended for consultation on discrete projects - not for programmatic consultation.

To use this key, agencies must provide project-level documentation. Users must provide a description of the proposed project and the action area with sufficient detail to support the determination.

Users who are not with or representing Federal agencies can use this determination key to ensure that their actions are consistent with the northern long-eared bat 4(d) rule.

Species covered by this key

This key covers the following species expected to occur in this project area:

None

The following species, also covered by this key, are not expected to occur in this project area:

Northern Long-eared Bat *Myotis septentrionalis*

Geographic extent where this key is valid

This key is valid anywhere one or more of the covered species is expected to occur, or where project have the potential to impact one or more of the covered species.

Potential questions in this key

The following is a comprehensive list of all questions that are part of this determination key. **Based on the answers you provide, only appropriate follow-up questions will be asked.**

1. Is the action authorized, funded, or being carried out by a Federal agency?

2. Have you determined that the proposed action will have "no effect" on the northern long-eared bat? (If you are unsure select "No")

3. Will your activity purposefully **Take** northern long-eared bats?

4. Will your activity remove bats from human structures or take northern long-eared bats as required for public health monitoring (disease testing)?

5. Is your activity research that involves handling northern long-eared bats?

6. [Semantic] Is the project action area located wholly outside the White-nose Syndrome Zone?
   This question will be answered automatically based on your project location.

7. [Semantic] Is the project action area located within 0.25 miles of a known northern long-eared bat hibernaculum?
   Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency
   This question will be answered automatically based on previous questions.

8. [Semantic] Is the project action area located within 150 feet of a known occupied northern long-eared bat maternity roost tree?
   Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency
   This question will be answered automatically based on previous questions.

9. Have you contacted the appropriate agency to determine if your project is near a known hibernaculum or maternity roost tree?

   Location information for northern long-eared bat hibernacula is generally kept in state Natural Heritage Inventory databases – the availability of this data varies state-by-state. Many states provide online access to their data, either directly by providing maps or by providing the opportunity to make a data request. In some cases, to protect those resources, access to the information may be limited. A web page with links to state Natural Heritage Inventory databases and other sources of information on the locations of northern long-eared bat roost trees and hibernacula is available at www.fws.gov/midwest/endangered/mammals/nleb/nhisites.html.

10. Will the action affect a cave or mine where northern long-eared bats are known to hibernate (i.e., hibernaculum) or could it alter the entrance or the environment (physical or other alteration) of a hibernaculum?

11. Will the action involve Tree Removal?

12. Will the action only remove hazardous trees for the protection of human life or property?

13. Will the action remove trees within 0.25 miles of a known northern long-eared bat hibernaculum at any time of year?

14. Will the action remove a known occupied northern long-eared bat maternity roost tree or any trees within 150 feet of a known occupied maternity roost tree from June 1 through July 31?