

**STORMWATER POLLUTION  
PREVENTION PLAN  
DOLBY LANDFILL  
BUREAU OF GENERAL SERVICES  
EAST MILLINOCKET, MAINE**

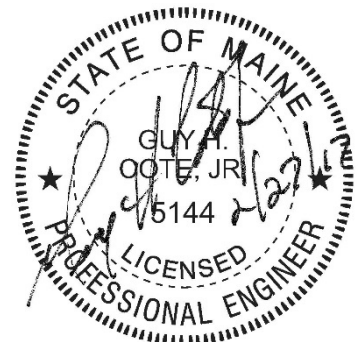
**Prepared for**

**MAINE STATE DEPARTMENT OF  
ADMINISTRATIVE & FINANCIAL SERVICES**

**February 2017**



ENVIRONMENTAL • CIVIL • GEOTECHNICAL • WATER • COMPLIANCE



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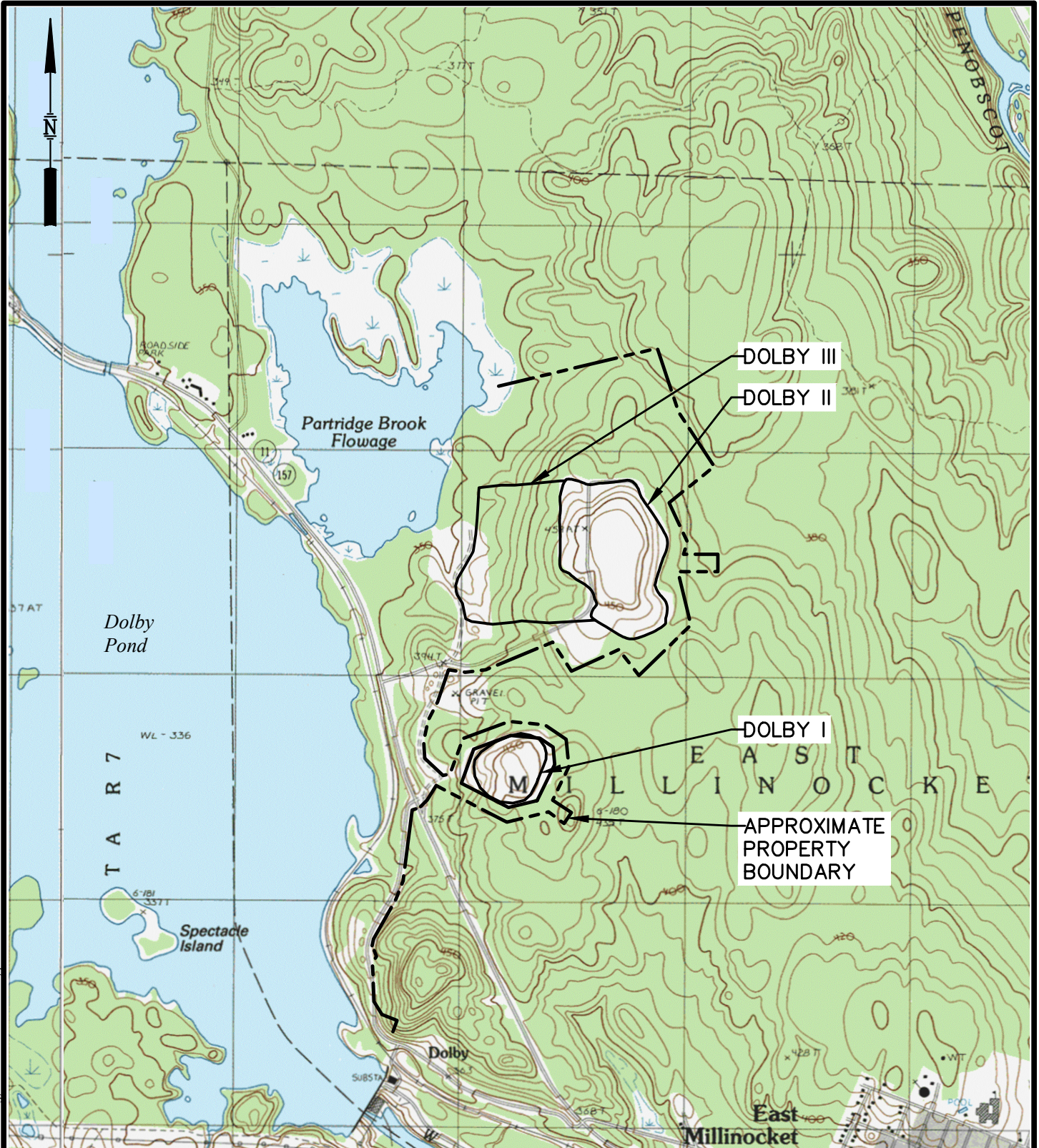
**1.0 INTRODUCTION**

This Stormwater Pollution Prevention Plan (SWPPP) has been prepared in accordance with the State of Maine Multi-Sector General Permit (MSGP) for stormwater discharges associated with Industrial Activities. The Maine State Department of Administrative and Financial Services, Bureau of General Services (BGS) owns and operates the Dolby Landfill which is located in the Town of East Millinocket, Maine (see Figure 1). The Dolby Landfill Facility (Facility) is currently licensed to receive solid wastes such as wastewater treatment plant sludge, wood debris, wood ash, and petroleum-contaminated soils. The Facility is subject to the MSGP General and Sector L requirements for “point source” stormwater discharges to waters of the U.S. The BGS has submitted a Notice of Intent (NOI) for coverage of the Dolby Landfill under the Multi-Sector program. A copy of the NOI is included in Appendix A to this SWPPP.

**1.1 Objectives of this SWPPP**

The three major objectives of this SWPPP are:

1. Identification of existing and potential sources of pollutants associated with industrial activity that may affect the quality of stormwater discharges from the Facility;
2. Identification of the drainage areas and the surface water outfalls associated with the Facility; and



BASE MAP ADAPTED FROM 7.5 MIN  
 USGS TOPOGRAPHIC QUADRANGLE  
 EAST MILLINOCKET, ME-1988

EXISTING PROPERTY BOUNDARY FROM PLAN ENTITLED "BOUNDARY SURVEY OF A PORTION OF THE KATAHDIN PAPER COMPANY LLC PROPERTY, EAST MILLINOCKET, MAINE, VOLUME 8702, PAVE 146 FOR KATAHDIN FOREST MANAGEMENT" PREPARED BY PLIGSA & DAY LAND SURVEYORS, DATED MAY 31, 2011.

**FIGURE 1**  
**SITE LOCATION MAP**  
**DOLBY LANDFILL**  
**EAST MILLINOCKET, MAINE**



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3. Establishment of Best Management Practices (BMPs) for reducing and controlling exposure of site surface water to the Significant Materials at the Facility.<sup>1</sup>

## 1.2 Landfill Description and Location

The first portion of the Facility (Dolby I) was constructed in the mid-1970s. The Facility is located off of Route 157, approximately 2.5 miles northwest of East Millinocket. The Facility is at approximate coordinates 045°39'20.26"N latitude, and 068°34'48.89"W longitude. A site location map for the Facility is presented as Figure 1.

The Facility consists of three landfill sites (Dolby I, Dolby II, and Dolby III). The Dolby I Landfill occupies about 23 acres and is located southwest of Dolby II and III. Final cover was placed over Dolby I in 1980-1981. Dolby I is not subject to this SWPPP. The Dolby II Landfill is immediately east and upslope of the Dolby III Landfill. Dolby II occupies about 62 acres and was closed with final cover in 1987 and 1999. The Dolby III Landfill occupies about 68 acres and has been operated in stages. Approximately 2 acres of Dolby III remains open and is available to accept waste. Final cover on Dolby III Landfill includes 40 acres of soil final cover and 26 acres of upgraded final cover that includes soil and geomembrane.

The Dolby Landfills were designed and permitted for the disposal of non-hazardous solid waste from the nearby Millinocket and East Millinocket pulp and paper mills. As described in the Landfill's Operating Manual, the materials permitted to be disposed of in Dolby III include:

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<sup>1</sup>As defined by 40 CFR, Section 122.26(b), "Significant Materials" include, but are not limited to, the following:

. . . raw materials; fuels; materials such as solvents, detergents and plastic pellets; finished materials such as metal products; raw materials used in food processing or production of hazardous substances designated under Section 101(14) of CERCLA [the Comprehensive Environmental Responsibility, Compensation and Liability Act]; any chemical the facility is required to report pursuant to Section 313 of Title III of SARA [the Superfund Amendment and Reauthorization Act]; fertilizers, pesticides; and waste products such as ashes, slag and sludge that have the potential to be released with stormwater discharges.

- Primary sludge from the Millinocket Mill wastewater treatment plant;
- Secondary sludge from the Millinocket Mill wastewater treatment plant;
- Mixed primary/secondary sludge from the East Millinocket Mill wastewater treatment plant;
- Miscellaneous wood wastes;
- Wood ash;
- General Mill trash;
- Production-related wastes;
- Woodlands Operations/Recreational Use solid waste;
- Recycled fiber plant solid waste;
- Asbestos or asbestos containing material;
- Soil containing petroleum hydrocarbons; and
- Other non-hazardous waste as permitted.

Leachate generated by the Facility is collected by an underground collection system and routed to a HDPE lined storage pond. Leachate is pumped from the storage pond through a dedicated pipeline to the former Great Northern Paper's (GNP) East Millinocket Mill's wastewater treatment plant. The leachate is treated along with the wastewater from the Town of East Millinocket.

### 1.3 Other Existing Plans

The BGS maintains an Operating Manual and an Environmental Monitoring Plan for the Facility. This SWPPP is intended to be grouped with those plans for future comprehensive use.



## **2.0 REGULATORY AUTHORITY**

Any facility with a Standard Industrial Classification Code listed in the MSGP which discharges stormwater to a water of the U.S. is required to comply with the MSGP. The Facility falls under Sector L (Landfills) of the MSGP. In addition to the requirements of Sector L, the MSGP requires the following:

- Formation of a Pollution Prevention Team;
- Assessment of the facility for potential pollutants;
- Development of a Site Plan;
- Identification of historical releases;
- Instituting and maintaining BMPs;
- Training employees;
- Performing stormwater monitoring;
- Evaluation of existing monitoring data; and
- Performing required reporting and record keeping.

### **3.0 SITE DESCRIPTION AND SITE DRAINAGE**

The portion of the Facility (i.e. Dolby II and Dolby III) covered by this SWPPP occupies approximately 150 acres and is positioned on land sloping from east to west at about a 2- to 14-percent gradient between elevations 350 feet and 425 feet (Mean Sea Level Datum). Surface water from the site area, in general, flows toward Partridge Brook Flowage. Partridge Brook Flowage, in turn, flows into Dolby Pond, which is a dam-controlled impoundment on the West Branch of the Penobscot River. Figure 2 shows the position of the Facility relative to the regional drainage features.

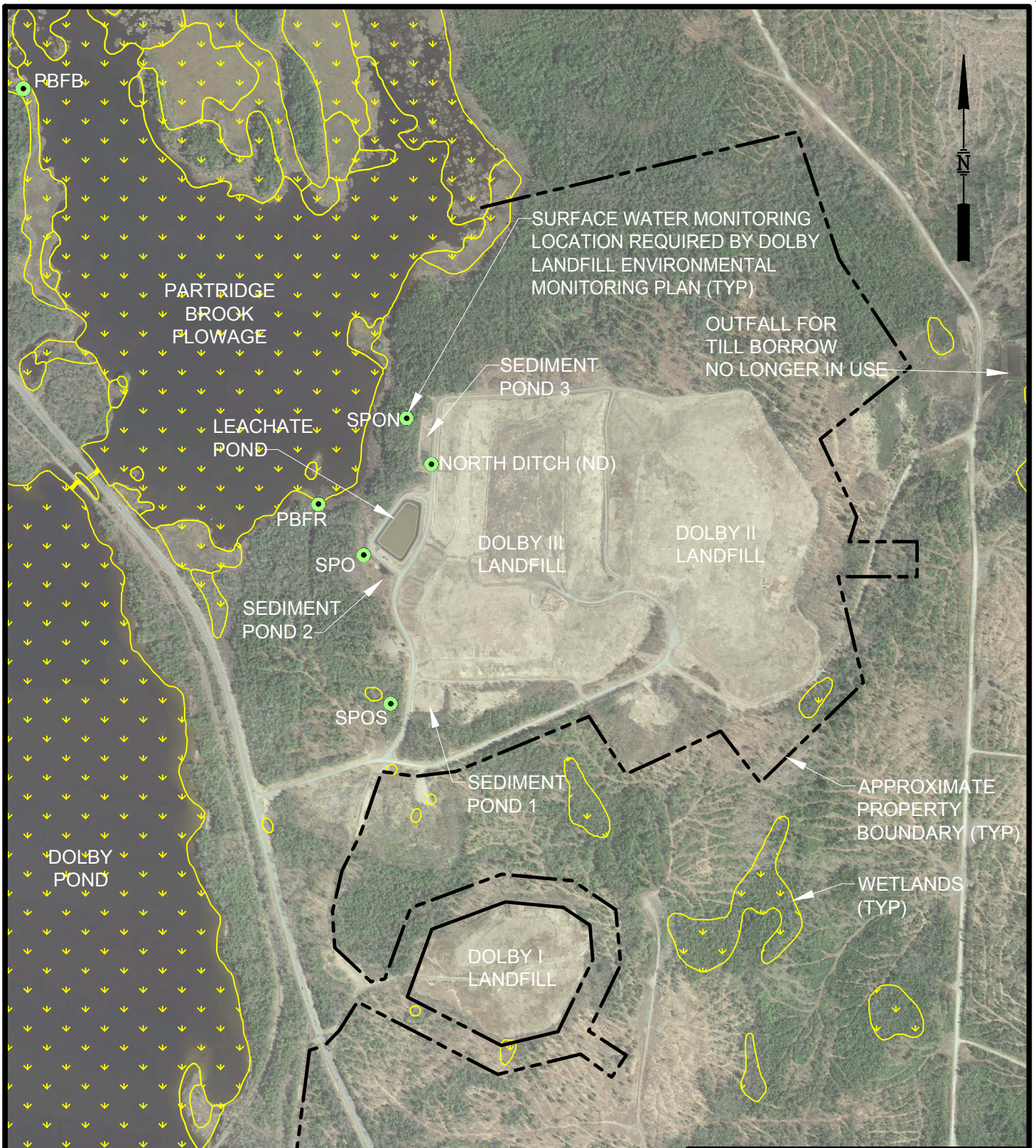
Stormwater management for the Facility includes three separate sediment ponds that are strategically positioned near the down slope perimeter of the Dolby III Landfill. Each of the ponds and their associated outfall locations are shown on Figure 3. Discharges from each pond flow into level spreaders and then become sheet flow into the adjacent wooded areas. The drainage area contributing to each of the ponds is included on Figure 3.

#### **3.1 Characteristics of the Drainage Areas and Significant Materials**

Each of the drainage areas contributing to the sediment ponds consist of closed landfill areas and gravel access roads for site access. The closed landfill areas are covered with a layer of compacted, low permeability soil and a surficial vegetation layer that supports perennial grass growth. A portion of the covered area on Dolby III includes a geomembrane and drainage geocomposite below the low permeability soil. Runoff from the closed landfill areas and access roads enters ditches that flow to the sediment ponds. Erosion control in the ditches consists of grass and stone ditch lining.

Industrial activities at the Facility that have the potential to impact stormwater within the drainage areas include the truck traffic associated with transporting waste to the active landfilling areas, waste grading operations within the landfill cells, and closing the cell(s) once filled. Runoff from the active landfilling areas is contained within those areas by a series of

perimeter berms and internal ditches and is collected and treated as leachate. The Significant Materials potentially exposed to stormwater associated with the landfilling activities are listed in Table 3-1.



**NOTES:**

1. BASE MAP FROM GOOGLE EARTH DATED APRIL 28, 2016.
2. WETLANDS FROM THE NATIONAL WETLANDS INVENTORY DATED DECEMBER 7, 2016.
3. EXISTING PROPERTY BOUNDARY FROM PLAN ENTITLED "BOUNDARY SURVEY OF A PORTION OF THE KATAHDIN PAPER COMPANY LLC PROPERTY, EAST MILLINOCKET, MAINE, VOLUME 8702, PAVE 146 FOR KATAHDIN FOREST MANAGEMENT" PREPARED BY PLIGSA & DAY LAND SURVEYORS, DATED MAY 31, 2011.



**FIGURE 2  
DRAINAGE FEATURES  
DOLBY LANDFILL  
EAST MILLINOCKET, MAINE**



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**TABLE 3-1**

**SIGNIFICANT MATERIALS POTENTIALLY EXPOSED TO STORMWATER AT DOLBY LANDFILL**

<p><u>Trucks Carrying:</u></p> <ul style="list-style-type: none"><li>• Primary sludge from the Millinocket Mill wastewater treatment plant;</li><li>• Secondary sludge from the Millinocket Mill wastewater treatment plant;</li><li>• Mixed primary/secondary sludge from the East Millinocket Mill wastewater treatment plant;</li><li>• Miscellaneous wood wastes;</li><li>• General mill trash;</li><li>• Pulp and paper production-related wastes;</li><li>• Wood ash;</li><li>• Woodlands Operations/Recreational Use solid waste;</li><li>• Recycled fiber plant solid waste;</li><li>• Asbestos or asbestos containing material;</li><li>• Soil containing petroleum hydrocarbons; and</li><li>• Other non-hazardous waste as permitted.</li></ul> <p><u>Sediments from erosion of gravel portions of site access roads</u></p> <p><u>Road sand/salt from winter maintenance of landfill access road</u></p> <p><u>Lime and fertilizer applied to final cover of closed landfill cells</u></p>
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**3.2 Receiving Waters**

Stormwater discharge from the developed areas of the Facility flows to Sediment Ponds No. 1, 2, and 3 and discharges as sheet flow to the adjacent woodlands. A portion of the discharged water infiltrates the ground surface and becomes groundwater and a portion of the water becomes surface seepage which flows to Partridge Brook Flowage, which is a tributary to the Penobscot River. The Partridge Brook Flowage receiving water is not listed as impaired water as defined in the Maine Department of Environmental Protection (MEDEP) impaired waters list (Section 303(d)). Therefore, the Facility is not subject to impaired waters monitoring.

#### **4.0 POTENTIAL POLLUTANT SOURCES**

The locations of potential pollutant sources associated with the Facility along with the associated potential pollutants are described in Table 4-1. Table 4-1 also includes the likelihood of pollutants coming into contact with stormwater and the stormwater controls implemented to prevent or minimize stormwater contamination. Any operation or equipment working on the active cell(s) of the landfill is not considered a potential pollutant source since all precipitation impinging on the open cell area(s) seeps/flows into the landfill leachate collection system.

**TABLE 4-1  
POTENTIAL POLLUTANT SOURCES TO STORMWATER**

<b>Potential Pollutant Sources</b>	<b>Locations</b>	<b>Associated Pollutants or Pollutant Parameters</b>	<b>Likelihood of Contact With Stormwater (Low, Medium, High)</b>
Exposed soil and unseeded topsoil.	On areas closed with intermediate and/or final cover soil; new cell construction areas; and cover soil stockpile areas.	Sediments and suspended solids.	High - Placement of intermediate cover and new cell construction occurs periodically.
Access roads	Main entrance road and perimeter access roads.	Sediments and suspended solids, salt, and deicer.	High – majority of site roads are paved and unpaved, and subject to frequent traffic/use.
Waste Trucks, Leachate Trucks and Vehicles/Equipment to support Landfill Operations	Parking areas, access roads and within active cell.	Sediments, engine coolant, various liquid lubricants, coolants, and fuels.	Low - vehicles are on a periodic maintenance program and well maintained.
Leachate	Possible leachate leaks and/or seeps from closed landfill cells, possible leaks through leachate storage pond liner, and possible leaks from the leachate transport system and possible leachate storage pond overtopping.	Temperature, pH, conductivity, and various organic and inorganic constituents (from leachate).	Low - Landfill areas are frequently monitored and leaks and/or seeps would be observed and quickly contained.

## **5.0 SPILLS AND LEAKS**

The MSGP requires that significant spills and/or leaks occurring within the past three (3) years at the Facility be described in this SWPPP. During the past three years no spills or leaks have occurred at the facility.



## **6.0 STORMWATER CONTROLS: BEST MANAGEMENT PRACTICES (BMPs)**

BMPs for stormwater control may consist of structural measures (physical structures for erosion or sedimentation control such as stormwater ponds, riprap, etc.) and/or non-structural measures (such as good housekeeping practices).

Several structural and non-structural BMPs are used throughout the Facility to manage stormwater. All of the BMPs specific to the industrial activities existing at the Facility are discussed in detail in the Dolby Landfill Operating Manual.

In accordance with the MSGP and the MEDEP permit for the Dolby Landfill, the following BMPs are considered most relevant to this SWPPP:

- Good housekeeping practices;
- Preventative maintenance;
- Inspections;
- Spill prevention and response procedures;
- Runoff management;
- Sediment and erosion control;
- Personnel training; and
- Stormwater visual monitoring.

Each of these BMPs is discussed below.

### **6.1 Good Housekeeping**

Good housekeeping practices are standard procedures conducted on an on-going basis at the Facility. Specific practices utilized at the Facility include:

- Control of Operations;
- Waste Placement;

- Landfilling;
- Waste Compaction;
- Daily Covering;
- Intermediate Cover;
- Temporary Access Roads;
- Access Control;
- Surface Water Management;
- Dust and Mud Control;
- Litter Control;
- Waste Staging and Storage Areas;
- Winter operational procedures;
- Wet weather operational procedures; and
- Landfill Closure, which includes:
  - Final Covering
  - Berms for Drainage Management
  - Seeding for Vegetative Covering
  - Erosion Control
  - Mowing.

One permanent structure (the pumphouse for the leachate pond pump station) and one temporary structure (the operator's trailer) exist at the Facility. Neither of these structures are used to store or contain Significant Materials such as herbicides, pesticides, fertilizers, or fuels.

## 6.2 Exposure Minimization

To minimize stormwater exposure to material storage areas (including, but not limited to, loading and unloading, storage, disposal, cleaning, maintenance, and fueling operations) to rain, snow melt, and runoff personnel at the landfill will do the following:

- Use grading and berms to prevent runoff of contaminated flows and divert run-on away from these areas;

- Locate materials, equipment, and activities such that potential leaks and spills are contained before discharge;
- Clean up spills and leaks promptly using acceptable methods;
- Properly dispose of materials used for leak or spill clean-up; and
- Vehicles will not be washed on-site unless all water is contained within the open areas of the landfill; and
- Use equipment with spill/overflow protection.

### 6.3 Preventive Maintenance

Preventative maintenance at the facility includes the following:

- Routine maintenance and cleaning (as needed) of the landfill's access roads;
- Routine cleaning and inspection of the leachate collection system and the leachate storage pond;
- Dust control on access roads during summer months;
- Routine inspections of the facility by landfill personnel to verify compliance with MEDEP regulations;
- Routine training of landfill personnel in the proper operations of the facility and MEDEP stormwater and solid waste regulations; and
- Implementation of the spill prevention and response procedures described in Section 6.5 of this SWPPP.

### 6.4 Inspections

A thorough site inspection and routine preventive maintenance program is in-place for the Facility. This program includes weekly and quarterly activities developed specifically for stormwater management at the site.

The MSGP requires that landfill personnel conduct the following inspections:

1. Routine Inspections of active and inactive area of the facility;

2. Quarterly Site Inspections;
3. Quarterly site compliance evaluations and follow-up corrective actions to assess the effectiveness of the BMPs in use at the facility; and
4. Quarterly visual monitoring of outfalls during qualified storm events.

The weekly inspections focus on operation of the active landfilling areas and will be performed by the Landfill Operations Personnel. Weekly inspections will include the following:

- Intermediate cover system integrity;
- Perimeter drainage system;
- Active cell dikes, road construction, and leachate collection; and
- Leachate pond liner, water level, and pump station.

The quarterly inspections focus on the active landfill (Dolby III) and the two closed landfills (Dolby I and II) at the Facility and will be performed by the Landfill Operations Manager. Quarterly reports will include the following:

- Closed landfill cover systems integrity;
- Perimeter drainage systems;
- Active cell dikes, road construction, and leachate collection;
- Leachate pond liner, water level, and pump station;
- Sedimentation ponds; and
- Access roadways.

The Operating Manual for the Facility further describes the various inspections and preventive maintenance activities relative to stormwater management. Copies of the weekly and quarterly inspection forms are presented herein as Figures 4 and 5, respectively.<sup>2</sup>

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<sup>2</sup> Figures 4 through 11 appear at the end of this Plan.

In addition to the weekly and quarterly inspection reports, the Landfill Operations Manager will complete a Quarterly Site Compliance Evaluation/Inspection of the Facility using the report format shown on Figure 6. The Quarterly Site Compliance Evaluations will be performed by the Landfill Operations Manager and evaluate the following:

- Materials, residue, or trash on the ground that could contaminate stormwater;
- Tracking or blowing of waste materials and evidence of, or potential for, pollutants to contact stormwater;
- Sediment or waste materials in drainage ditches or stormwater structures (catch basins, culverts, etc.) that may affect system performance or contaminate stormwater;
- Leaks or spills from equipment, drums, barrels, tanks or similar containers (including spill and leak locations within the last three years);
- Off-site tracking of materials or sediment where vehicles enter or exit the site;
- Stormwater BMPs that are identified in Appendix K to ensure that they are operating correctly;
- Stormwater conveyances and outfalls are assessed for erosion, integrity, and potential pollutants;
- An annual evaluation of outfalls during dry weather is conducted to ensure that no unauthorized Non-Stormwater discharges are occurring;
- The results of visual monitoring done during the year; and
- The results of all prior weekly and tri-annual BMP inspections to assess if any issues are reoccurring and need to be addressed.

The Quarterly Site Compliance Evaluations/Inspections shall be evenly spaced and performed with at least 60-days between facility inspections. Completed Site Compliance Evaluation/Inspection Reports will be filed in Appendix B. Each completed form relative to inspection and maintenance of stormwater management and/or site compliance evaluation will be filed in Appendix C of this SWPPP.

Inspections and evaluations may identify the need to conduct maintenance at the site (e.g., litter removal, street sweeping, catch basin cleaning, minor revegetation after winter maintenance,

etc.). Inspections may also identify that corrective actions need to be completed: a) if new BMPs need to be implemented, or b) if BMPs identified in the SWPPP need to be modified (e.g., drainage swales need to be re-graded, catch basin cleaning frequency needs to be changed, etc.). If the inspection identifies that any maintenance needs to be completed, or that any corrective actions need to be implemented, the following should occur:

- Maintenance:
  1. Describe the maintenance that needs to be completed on the Site Compliance Evaluation Form (Figure 6);
  2. Perform the maintenance before the next anticipated storm event, if practicable, or within 12 weeks of the inspection, if impracticable. The MEDEP may be contacted for authorization to conduct maintenance after the 12-week timeframe, if necessary.
  
- Corrective Action for Non-Structural BMPs:
  1. Complete the Corrective Action Section of the Site Compliance Evaluation Form (included as Figure 6) and retain it on-site (i.e., no submittal to MEDEP is necessary) in Appendix D.
  2. Initiate the new or modified non-structural BMP within 5 days of the inspection.
  3. Modify the SWPPP, if necessary, within 30 days of the inspection.
  
- Corrective Action for Structural BMPs:
  1. Notify MEDEP by phone, email, or mail of the structural deficiency within 14 business days of the inspection.
  2. Complete the Corrective Action Section of the Site Compliance Evaluation Form (included as Figure 6) or complete the Corrective Action Form contained in Figure 7. Provide this documentation to MEDEP. A copy of the completed Site Compliance Evaluation Form and Corrective Action Form shall be filed in Appendix B and D, respectively.
  3. Implement any temporary BMPs as soon as practicable to protect stormwater.

4. Modify SWPPP within 30 days of the inspection.
5. Complete the Corrective Action before the next anticipated storm event, if practicable, or within 12 weeks of the inspection if impracticable. The MEDEP may be contacted for authorization to complete the Corrective Action after the 12-week timeframe, if necessary.

Where an evaluation report does not identify any incidents of non-compliance, the report must contain a certification that the facility is in compliance with the SWPPP and this permit. Both the evaluation report and any corrective action will be signed by the Landfill Operations Manager.

#### 6.5 Spill Prevention and Response

If a significant spill occurs, a report will be prepared; the report form is provided as Figure 8. Each completed form shall be provided to the Landfill Operations Manager. The Landfill Operations Manager will be responsible for submitting all completed spill reports to BGS and BGS will file any associated required reports with the appropriate federal and/or state regulatory agencies. The Operating Manual for the Facility contains site specific spill prevention and response procedures that will be followed for physical management of spills.

#### 6.6 Runoff Management

BMPs have been identified and implemented for the Facility to manage stormwater runoff from the areas where operational activities occur. The purpose of the BMPs is to minimize degradation of stormwater runoff from the closed portions of the landfill.

#### 6.7 Sediment and Erosion Control

Erosion control systems in place at the landfill are discussed in the Landfill Operating Manual. Any vegetated areas at the Facility, which exhibit signs of erosion are shall be stabilized as addressed in the Operation Manual.

Landfill Operations Personnel or subcontractors provide temporary stabilization (e.g., temporary seeding, mulching, and/or placing erosion control matting) for the following conditions in order to minimize discharges of pollutants in stormwater:

- Materials Stockpiled for daily, intermediate, and final cover;
- Inactive areas of the landfill; and
- Landfill areas that have gotten final cover but vegetation has not been established.

Sediment ponds are in place to detain stormwater runoff and filter out sediments prior to stormwater discharging from the Facility.

The following structural Erosion Control BMPs are routinely used at the facility:

- Siltation fence and stone check dams downgradient of construction activities and material stockpiles;
- Riprap aprons at all culvert outlet locations;
- Riprap and geotextile protection along surface water drainage ditch lines;
- Individual sedimentation ponds during construction of landfill cells;
- Seeding and mulching of intermediate and final cover systems and material stockpiles created during construction in accordance with MEDEP BMP; and
- Cell containment berms to control surface water run-on and runoff from the active area of the landfill.

## 6.8 Personnel Training

In order to effectively implement the BMPs recommended herein, appropriate landfill related personnel will be made aware of the BMPs and will be trained in the procedures to implement the BMPs. The specific items to be discussed with personnel are as follows:

- An overview of what is in the SWPPP;
- Good housekeeping procedures;



- Spill Response Procedures for expeditiously stopping, containing, and cleaning up leaks, spills, and other releases;
- Maintenance Requirements;
- Material Management Practices;
- Locations for all controls on the site and how they are maintained;
- Proper procedures with respect to General Permit pollution prevention requirements; and
- When and who will conduct the following items:
  - Inspections
  - Sampling
  - Recording Findings, and
  - Take Corrective Actions

The Landfill Operations Manager will perform personnel training. The items listed above will be discussed with all new Landfill-related personnel, as well as reviewed annually with all appropriate Landfill staff including all members of the landfills pollution prevention team. A form documenting evidence of employee training is provided as Figure 9. Each completed stormwater training form will be filed in Appendix E of this SWPPP.

#### 6.9 Stormwater Visual Monitoring

The stormwater monitoring program for the Facility consists of quarterly visual monitoring conducted at Outfalls 1, 2, and 3 that are located at each of the three sediment ponds. Landfill Operations Personnel will be responsible for visual monitoring and reporting the results of the monitoring to the Operations Manager. Figure 3 shows the outfall locations where the visual monitoring takes place. Groundwater and surface water quality monitoring are routinely performed at a number of locations as part of the solid waste permit requirements. In addition, the landfill access roads are the only locations where waste has the potential to contact stormwater.

The quarterly visual monitoring will be conducted during qualifying storm events which are defined as “a storm event that is either precipitation, ice or snow melt that produces a

measurable discharge at an outfall that occurs at least 72 hours from a previous measurable storm event. A grab sample must be collected within the first 60 minutes, but not more than 2.25 hours from the time stormwater begins to discharge from an outfall. The examination must document observations of color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of stormwater pollution. The sample examination must be conducted in a well-lit area. Laboratory analytical testing is not required for visual samples. The 72-hour storm interval is waived if the permittee can document that less than a 72-hour interval is representative for local storm events during the sampling period. The visual examination must be made during daylight hours and normal operations.

To the extent practical, the visual monitoring will be conducted during the following times: January-March, April-June, July-September, and October-December. If no qualifying storm event occurs during an inspection cycle, or adverse weather prevents collecting a sample, the person responsible for monitoring shall document this in the SWPPP, and is excused from visual monitoring for that quarter. Visual monitoring must be performed during the next qualifying storm event. Appendix F provides the standard operation procedures and guidelines for conducting the visual monitoring.

Following each visual monitoring event, a Visual Monitoring Report will be prepared. Figure 10 provides the form that will be used to compile the report. Appendix G presents the instructions for completing the Visual Monitoring Report Form. The Visual Monitoring Report will be filed in Appendix H of this SWPPP. The Visual Monitoring Reports are to be retained for a period of three (3) years.

If limited rainfall or frozen conditions prevent the discharge from an outfall, the permittee is excused from monitoring for that monitoring quarter. The altered schedule must be fully documented in the SWPPP. Adverse weather conditions are those which are dangerous or create inaccessibility for personnel and may include such things as local flooding, high winds, electrical storms, drought, excessive rain, frozen conditions, and icing. If adverse weather conditions prevent the collection of samples, these conditions must be documented in the SWPPP.

#### 6.10 Quarterly Numeric Effluent Limitation Monitoring

The Facility is exempt from numeric effluent limitation monitoring because it is not a municipal solid waste landfill.

#### 6.11 Impaired Water Monitoring

According to the MEDEP's 2014 Integrated Water Quality Monitoring and Assessment Report (Chapter 8), there were no impaired waters in the vicinity of the Facility and these provisions do not apply.

#### 6.12 Benchmark Monitoring

Benchmark monitoring and reporting are not required for MSGP Sector L (Landfills and Land Applications Sites).

## **7.0 SAMPLING DATA**

BGS performs environmental monitoring at the Facility in accordance with the facility's Environmental Monitoring Program (EMP) approved by the MEDEP. The EMP monitoring locations include monitoring wells, leachate samples, and three surface water sampling locations that are sampled three times per year (typically May, August, and November). The surface water sample locations included in the facility's EMP and SWPPP are described in Table 7-1 and their locations are shown on Figure 2.

**TABLE 7-1  
SURFACE WATER SAMPLE COLLECTION AND MONITORING LOCATIONS**

Surface Water Location	Location Description
ND	Stormwater ditch located on the west side of the Dolby III landfill just before the culvert to Sedimentation Pond 3
PBFB	Partridge Brook Flowage approximately 0.4 miles west of the property (background).
PBFR	Partridge Brook Flowage approximately 400 feet west of the facilities leachate pond.
SPO (Outfall 2)	Downgradient surface water sample location located in drainage ditch at the outlet for Sedimentation Pond 2 (Outfall 2)
SPON (Outfall 3)	Downgradient surface water sample location located in drainage ditch at the outlet for Sedimentation Pond 3 (Outfall 3)
SPOS (Outfall 1)	Downgradient surface water sample location located in drainage ditch at the outlet for Sedimentation Pond 1 (Outfall 1)

The surface water samples included in the Facility's EMP are collected as unfiltered grab samples and analyzed for the water quality parameters listed in Table 7-2. The results of the sampling and analysis are transmitted to the MEDEP following each sampling event. Copies of historical water quality data for the Facility are available upon request. Stormwater visual monitoring results for the facility collected during the term of the general permit will be maintained within Appendix H and will be available upon request.

TABLE 7-2

## EMP DETECTION MONITORING PARAMETERS

Matrix	Parameter	Analytical Method	PQL <sup>(1)</sup>
Surface Water	Field observations	NA <sup>(2)</sup>	NA
	Flow rate (est.)	field measurement	NA
	pH	field measurement	NA
	specific conductance	field measurement	NA
	temperature	field measurement	NA
	turbidity	field measurement	NA
	dissolved oxygen	field measurement	NA
	sulfate (SO <sub>4</sub> )	U.S.EPA 9056	1 mg/L
	total dissolved solids (TDS)	SM 2540C	1 mg/L
	total organic carbon (TOC)	U.S.EPA 9060	1 mg/L
	total suspended solids (TSS)	U.S.EPA 160.2	1 mg/L
	chloride (Cl <sup>-</sup> )	U.S.EPA 9056	2 mg/L
	total alkalinity	SM 2320B	1.0 mg/L
	bicarbonate	SM 2320B	1.0 mg/L
	nitrogen (ammonia)	U.S.EPA 350.1	0.2 mg/L
	Nitrogen (nitrate)	U.S. EPA 9056/300.0	2.0 mg/L
	phosphorous (Total)	U.S. EPA 6010	0.1 mg/L
	potassium	SW 6010B	1 mg/L
	arsenic	EPA 200.7/6010	0.008 mg/L
	calcium	SW 6010B	1.0 mg/L
	Hardness (Mg & Ca)	Calculation	NA
	iron	SW 6010B	0.01 mg/L
	magnesium	SW 6010B	1.0 mg/L
manganese	SW 6010B	0.01 mg/L	
sodium	SW 6010B	1 mg/L	
<p><b>Notes:</b></p> <ol style="list-style-type: none"> <li>1. Practical Quantitation Limits (PQLs) have been defined by U.S.EPA as up to 10 times the method or instrument detection limit and, therefore, may vary between laboratories. The PQL presented represents 5 times the published method detection limit or a value that has been demonstrated in this matrix.</li> <li>2. NA - not applicable.</li> </ol>			

## **8.0 NON-STORMWATER DISCHARGES**

The following non-stormwater discharges are allowed in accordance with the MSGP but do not occur at this time at the Facility:

- Discharges from firefighting activities;
- External building wash-down that does not use detergents;
- Lawn watering;
- Uncontaminated ground water;
- Uncontaminated springs;
- Air conditioning condensate;
- Irrigation drainage;
- Uncontaminated foundation or footing drains where flows are not contaminated with process materials, such as solvents, or contaminated by contact with soils where spills or leaks of toxic or hazardous materials have occurred.
- Incidental windblown mist from cooling towers that collects on rooftops or adjacent portions of a facility, but not intentional discharges from a cooling tower (e.g., “piped” cooling tower blow-down or drains);
- Uncontaminated utility vault dewatering; and
- Hydrostatic test water that does not contain any treatment chemicals and is not contaminated with process chemicals.

On November 1, 2016, Mr. Brian Pierce of Sevee & Maher Engineers, Inc. (SME) conducted a visual inspection to identify potential non-allowed, non-stormwater discharges such as leachate, gas collection condensate, and contact wash water that may have come in direct contact with solid waste at the Facility. None of these prohibited discharges occurs at the Facility; therefore, the non-stormwater discharge test certification is not required.

## **9.0 IMPLEMENTATION AND DOCUMENTATION OF THE PLAN**

### **9.1 Stormwater Pollution Prevention Team**

Members of the Stormwater Pollution Prevention Team (Team) for the Facility include, but are not limited to the following personnel.

- Landfill Oversight Manager (Maine BGS, Michael Barden, (207) 441-4569)
- Landfill Operations Manager (Sevee & Maher Engineers, Inc., Matt Muzzy (207) 400-6550)
- Day to Day Operations Personnel (Mid-South Engineering contracted to SME – Dick Angotti (207) 217-0385)

The Team has the responsibility to ensure compliance of the Stormwater Pollution Prevention Plan with the MSGP. These duties include the following:

- Implement MSGP requirements at the Facility;
- Define an appropriate set of goals (i.e. BMPs) to ensure stormwater discharges are in compliance with the MSGP, as well as state and local standards;
- Be aware of changes that are made to the Facility operations or infrastructure, and determine if these changes will affect the SWPPP; and
- Maintain communication with management and environmental compliance personnel to ensure a cooperative partnership that promotes and maintains compliance of the Facility with the MSGP.

### **9.2 Comprehensive Site Compliance Evaluation**

In order to maintain an accurate and up-to-date SWPPP, the Operations Manager will perform an annual evaluation of the stormwater management practices in use at the Facility. The evaluation will allow the Operations Manager to evaluate the overall effectiveness of this SWPPP by ensuring that:

- The drainage-area delineations are accurate and the site drawing is updated as needed to depict current conditions;
- The Significant Materials, industrial activities, and potential pollutant sources listed in this SWPPP are consistent with those occurring on site;
- The BMPs identified in this SWPPP are ongoing and work effectively;
- The areas contributing to stormwater discharges are evaluated for the potential of pollutants to enter the drainage system; and that,
- Stormwater exposure to Significant Materials is minimized.

The results of this comprehensive site compliance evaluation shall be documented in an annual report to be signed by the Operations Manager. A copy of the MSGP Annual Report Form is provided as Figure 11 to this SWPPP. Each completed Annual Report shall be maintained in Appendix I of this SWPPP and shall be retained for a minimum of three years.

### 9.3 Record Keeping and Reporting

All inspection forms, visual monitoring logs, and quarterly site compliance evaluation reports shall be maintained with this SWPPP at the Facility. Monitoring results shall be retained for at least three (3) years from the date of completion or until the Facility's coverage under this permit expires or is terminated. These records will be available to state or federal inspectors upon request. The following is a list of records required for the 2017 MSGP:

- A copy of the NOI submitted to the MEDEP for coverage under this General Permit;
- A copy of the NOI approval issued by the MEDEP for coverage under this General Permit;
- A paper or electronic copy of the MSGP and any Sectors that are applicable to the facility;



- Documentation of maintenance and repairs of control measures, including the date(s) of regular maintenance, date(s) of discovery of areas in need of repair/replacement, and for repairs, date(s) that the control measure(s) returned to full function, and the justification for any extended maintenance/repair schedules;
- All inspection reports and monitoring data required by the General Permit, including any required sector specific reports and monitoring data.
- Documentation of monitoring exceedances and the permittees' response;
- A description of any deviations from the schedule for visual assessment and/or monitoring, and the reason for the deviations (e.g., adverse weather or it was impracticable to collect samples within the first 60 minutes of a measurable storm event.);
- Dates and descriptions of all spills and leaks that must be documented by this General Permit;
- Corrective Action Reports and summary of completed actions taken at the site, including events(s) and date(s) when problems were discovered and modifications occurred; and
- A copy of records for all employee training as required by Section H(8) of the 2016 MSGP.

In addition, the MEDEP Commissioner may require changes to the SWPPP at any time as a result of an inspection or reported incident. If a facility receives notification from the commissioner that the SWPPP does not meet one or more of the minimum requirements of the MSGP, the changes must be made within 30 days of notice, and the facility shall submit annual reports for the next three consecutive permit years. If required, annual reports shall be submitted to the MEDEP by May 9<sup>th</sup> of each permit year on Department Form BEPLW1201, available from MEDEP. The report should summarize the function of all BMPs, results of visual monitoring, location of significant spills, quarterly site compliance inspections, and all implemented or planned corrective actions.

#### 9.4 SWPPP Revisions

This SWPPP was developed based upon the site-specific characteristics of the Facility and on the Stormwater Pollution Prevention Plan used by Katahdin Paper Company for the Facility before its sale to the State of Maine in 2010. Any alterations in design, construction, maintenance, or operation at the Facility that greatly increases potential exposure of Significant Materials to stormwater will require a revision of this SWPPP. SWPPP revisions will also be necessary if sampling data or annual site evaluations demonstrate that the Plan is not effective in controlling stormwater impacts. Plan revisions will be made annually or as necessary and will address any deficiencies noted during the routine inspections performed at this site. A SWPPP Revision log sheet is provided in Appendix J. Completed log sheets are to be distributed to the Team to ensure members are current with the SWPPP.

## **10.0 ELIGIBILITY REQUIREMENTS**

The General Requirements of the MSGP describe eligibility criteria for coverage under the MSGP. To be eligible for coverage under the MSGP, the facility is required to submit a Notice of Intent (NOI) to comply with the requirements of the MSGP. BGS filed an NOI with the MEDEP in February 2017. A copy of the NOI is contained in Appendix A. A copy of the MSGP regulations and Sector L requirements are located in Appendix L.

## **11.0 LIMITATIONS**

This SWPPP was prepared as part of a contract agreement between Sevee & Maher Engineers, Inc. and the Maine State Department of Administrative and Financial Services, Bureau of General Services (BGS). This SWPPP is based on, and limited by, the available documentation and information on the Facility. This SWPPP must be updated every five years or; upon changes to BMPs, Facility configurations, piping, or other related facilities at the Landfill. This SWPPP allows coverage under the Maine Multi-Sector General Permit contingent upon implementation of the BMPs presented in Appendix K of this SWPPP.

**12.0 CERTIFICATION**

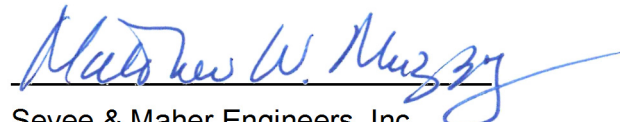
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage 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.

This SWPPP has the full approval of management to commit the necessary resources for SWPPP Implementation.

  
Signature – Maine State Department of  
Administrative Services  
Bureau of General Services

2/27/17  
Date

This SWPPP was prepared in accordance with good engineering practices and with the requirements of the Multi-Sector General Permit for Stormwater Discharge Associated with Industrial Activity, established by the Maine Department of Environmental Protection dated December 7, 2016.

  
Sevee & Maher Engineers, Inc.  
Cumberland Center, Maine

2/27/2017  
Date

**FIGURE 4**

**WEEKLY INSPECTION REPORT FORM  
DOLBY LANDFILL**

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Weather: \_\_\_\_\_

Inspected By: \_\_\_\_\_

Item	Condition	
	Ok	Not Ok
<b>DOLBY II LANDFILL</b>		
<b>LEACHATE HOLDING POND</b>		
Level of Pond (low, medium, or high)		
Outlet Structure Accessible		
<b>DOLBY III LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions		
Poor Drainage, Ponding		
<b>PERIMETER DRAIN AND CATCH BASINS</b>		
Flow Conditions (slow, medium or fast)		
Catch Basins Intact and Serviceable		
<b>ACTIVE CELL</b>		
Containment Dikes Intact and Functioning		
Cell Access Road Condition		
Leachate Collection Structures Intact and Functioning		
<b>LEACHATE COLLECTION POND</b>		
Liner		
Pond Level		
<b>LEACHATE PUMP STATION</b>		
Flow Measurement (gallons)		
<b>LEAK DETECTION SYSTEM</b>		
Leachate level		
Flow Measurement (gallons)		
<b>LEACHATE PIPELINE</b>		
Manholes Intact and Serviceable		
<b>SITE ROADWAYS</b>		
Check Roadway Ditches for Signs of Erosion		
Silt Fence Properly Installed (if applicable)		

COMMENTS:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

ACTION TAKEN:

\_\_\_\_\_  
 \_\_\_\_\_

**FIGURE 5**

**QUARTERLY INSPECTION REPORT FORM  
DOLBY LANDFILL  
Page 1 of 2**

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Weather: \_\_\_\_\_

Inspected By: \_\_\_\_\_

Item	Condition	
	Ok	Not Ok
<b>DOLBY I LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions		
Poor Drainage, Ponding		
Excessive Settling, Crack Development		
Grass Die-off-Failure to Thrive		
Mowing Required		
Germination of Trees, Deep Root Vegetation		
Animal Burrowing		
<b>COLLECTION PONDS</b>		
West End Pond Level (low, medium, or high)		
East End Pond Level (low, medium, or high)		
Vegetative Build-up in Ponds		
<b>ACCESS GATES</b>		
Gates Secured and Working Properly (Facility front and rear gates)		
Roads Accessible by Vehicle		
<b>DOLBY II LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions		
Poor Drainage, Ponding		
Excessive Settling, Crack Development		
Grass Die-off-Failure to Thrive		
Mowing Required		
Germination of Trees, Deep Root Vegetation		
Animal Burrowing		
<b>PERIMETER DRAIN CATCH BASINS</b>		
Build-up Sediment in Catch Basins		
Flow Conditions (slow, medium, or fast)		
Catch Basins Intact and Serviceable		
<b>LEACHATE HOLDING POND</b>		
Iron Staining (wooded area east of pond)		
<b>DOLBY III LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions		
Excessive Settling, Crack Development		
Grass Die-off-Failure to Thrive		
Mowing Required		
Germination of Trees, Deep Root Vegetation		
Poor Drainage, Ponding		
Animal Burrowing		
Access Road Condition		
<b>PERIMETER DRAIN AND CATCH BASINS</b>		
Build-up of Sediment in Catch Basins		
Valves Functioning Properly (free turning)		

FIGURE 5

QUARTERLY INSPECTION REPORT FORM  
 DOLBY LANDFILL  
 Page 2 of 2

Item	Condition	
	Ok	Not OK
<b>LEACHATE COLLECTION POND</b>		
<b>GEOMEMBRANE LINER</b>		
Condition of Liner (rips, holes, torn seams)		
<b>LEACHATE PUMP STATION</b>		
Build-up Sediment in Wet wells		
Pumps Functioning Properly (amps, noises)		
Valves Functioning Properly (free turning)		
Flow Conditions (low, medium, or high)		
Properly Vented		
Electrical Panel Inspection (corrosion, etc.)		
Flow Meter Inspection		
<b>LEAK DETECTION SYSTEM</b>		
Pump functioning properly (amps, noises)		
Flow Conditions (low, medium, high)		
Flow Meter Inspection		
Control Panel Inspection		
<b>SITE SEDIMENTATION STRUCTURES</b>		
<b>NORTHWEST SEDIMENTATION BASIN</b>		
Outlet Structure Condition		
Water Level (low, medium, or high)		
<b>WEST SEDIMENTATION BASIN</b>		
Outlet Structure Condition		
Water Level (low, medium, or high)		
<b>SOUTHWEST SEDIMENTATION BASIN</b>		
Outlet Structure Condition		
Water Level (low, medium, or high)		
<b>SITE ROADWAYS</b>		
Catch Basins for Build-up of Sediment		
Culverts Drainage and/or Damage		
Monitoring Wells Visual Damage		
<b>LEACHATE PIPELINE</b>		
Manhole Exterior Condition		
Transition Station Exterior Condition		
Aboveground Utility Line to Transition Station		
Pipeline Access Road		

COMMENTS:

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ACTION TAKEN:

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FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT FORM  
DOLBY LANDFILL  
Page 1 of 3

Name of Qualified Inspector(s) Completing Evaluation/Inspection:  
\_\_\_\_\_ Date: \_\_\_\_\_  
\_\_\_\_\_ Date: \_\_\_\_\_

Are industrial materials, residue, or trash on the ground? Yes  No

If yes, state corrective action \_\_\_\_\_

Date corrective action was completed \_\_\_\_\_

Are there any leaks or spills from industrial equipment, drums, barrels, tanks or containers on-site? Yes  No

If yes, state corrective action \_\_\_\_\_

Date corrective action was completed \_\_\_\_\_

Is there offsite tracking of industrial materials or sediment where vehicles enter or exit the site? Yes  No

If yes, state corrective action \_\_\_\_\_

Date corrective action was completed \_\_\_\_\_

Is there blowing or whirling of raw, final, or waste materials? Yes  No

If yes, state corrective action \_\_\_\_\_

Date corrective action was completed \_\_\_\_\_

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT FORM  
DOLBY LANDFILL  
Page 2 of 3

Are all stormwater BMPs identified in the SWPP operating correctly? Yes  No

If no, state corrective action \_\_\_\_\_

Date corrective action was completed \_\_\_\_\_

Are additional BMPs required for potential pollutants or an industrial activity  
If yes, document & update SWPPP Yes  No

If yes, state corrective action \_\_\_\_\_

Date corrective action was completed \_\_\_\_\_

Are there signs of erosion in stormwater conveyances or at outfalls? Yes  No

If yes, state corrective action \_\_\_\_\_

Date corrective action was completed \_\_\_\_\_

Evidence of industrial material, residue, trash, or sediment in stormwater conveyance? Yes  No

If yes, state corrective action \_\_\_\_\_

Date corrective action was completed \_\_\_\_\_

Has industrial activity been added or the site expanded?  
If yes, document in SWPPP & on site map Yes  No

If yes, state corrective action or additional BMPs required \_\_\_\_\_

\_\_\_\_\_

Date corrective action or BMPs implemented \_\_\_\_\_

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT FORM  
DOLBY LANDFILL  
Page 3 of 3

Have the locations of any of the potential pollutants or material storage changed? Yes  No

If yes, state corrective action or additional BMPs required \_\_\_\_\_

\_\_\_\_\_

If yes, document in the SWPPP & on site map \_\_\_\_\_

Are there any non-stormwater discharges? Yes  No

If yes, what are they? \_\_\_\_\_

Are the non-stormwater discharges authorized under the MSGP? Yes  No

If no, have all the outfalls been inspected for unauthorized non-stormwater discharges? Yes  No

State corrective actions for all unauthorized non-stormwater discharges. \_\_\_\_\_

Are any modifications required to be made to the SWPPP or Site Map(s)  No modification required  
 SWPPP requires modification  
 Map(s) require modification

All required changes have been made to the Plan Date: \_\_\_\_\_ Initials: \_\_\_\_\_  
All required changes have been made to the Site Map(s) Date: \_\_\_\_\_ Initials: \_\_\_\_\_

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 as gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for 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 imprisonment for knowingly violating the law.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_



## Maine's Multi-Sector General Permit Corrective Action Report (C.A.R)

### A. General Information

<b>Facility Name:</b>				
<b>Permit Number:</b>				
<b>Contact Person:</b>			<b>Title:</b>	
<b>Phone:</b>		<b>Ext:</b>		<b>Email:</b>
<b>C.A.R Date:</b>				
<b>Site Inspection or Site Compliance Evaluation Date:</b>				

### B. Report Information

**If a non-structural BMP is found to be deficient, this form must be kept in the facility's SWPPP.**

<b>Is there a structural or non-structural BMP deficiency?</b>	<input type="checkbox"/> <b>Structural</b>	<input type="checkbox"/> <b>Non-Structural</b>	<input type="checkbox"/> <b>Both</b>
--	--	--	--------------------------------------

**If non-structural BMP deficiencies are identified please use the table below (See Section C for Structural):**

Non-structural BMP	Location	Deficiency	Corrective Actions (Start and Stop Dates)	SWPPP Modifications

**C. If structural BMP deficiencies are identified please complete the following information:**

**If a structural BMP is found to be deficient, excluding routine maintenance, this report must be kept with the facility's SWPPP and you must notify the regional stormwater inspector within (14) business days by phone, email, or USPS. If a non-structural BMP is found to be deficient, this form must be kept in the facility's SWPPP.**

**Description of BMP and the deficiency: (Please include the reason for the deficiency)**

**Location of BMP:** \_\_\_\_\_

**Description of planned corrective actions including any temporary BMPs:**

**Are other Department licenses or permits required? Yes  No**

**If so what, and have they been obtained?**

**Date of construction or completion of corrective action:** \_\_\_\_\_

**Date of SWPPP modifications:** \_\_\_\_\_

**Note:** If existing structural BMPs require modification or if additional structural BMPs are necessary, implementation must be completed before the next anticipated storm event to the greatest extent practicable, but not more than twelve (12) weeks after discovery of the deficiency unless otherwise authorized by the Department. Temporary BMPs must be implemented as soon as practicable after the Site Compliance Evaluation or site inspection is complete.

Signature of Responsible Official: 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 submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering 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 fines and imprisonment for knowingly violating the law.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_

**FIGURE 8**  
**SPILL REPORT FORM**  
**DOLBY LANDFILL**  
Page 1 of 1

DATE: \_\_\_\_\_  
PREPARED BY: \_\_\_\_\_  
SPILL LOCATION: \_\_\_\_\_

---

SPILL REPORT TO: \_\_\_\_\_  
OF \_\_\_\_\_ AT \_\_\_\_\_ A.M./P.M.  
A SAMPLE WAS TAKEN AT \_\_\_\_\_ A.M./P.M.  
DATE/TIME OF SPILL: \_\_\_\_\_ QUANTITY OF SPILL: \_\_\_\_\_  
SPILL WAS CONTAINED: \_\_\_\_ YES/\_\_\_\_ NO  
IF PETROLEUM OR CHEMICAL, IDENTIFY BY NAME: \_\_\_\_\_

---

DESCRIPTION OF EQUIPMENT OR PROCESS THAT SPILL ORIGINATED FROM AND CAUSE: \_\_\_\_\_

---

SPILL IMPACTED: \_\_\_\_ PROCESS SEWER/ \_\_\_\_ LAKE, STREAM, RIVER OR POTABLE WATER/  
\_\_\_\_ OTHER

IDENTIFY BY NAME: \_\_\_\_\_

---

IF LAKE, RIVER, OR STREAM IMPACTED, BRIEFLY DESCRIBE VISUAL IMPACT: \_\_\_\_\_

---

DESCRIBE CLEANUP PROCEDURE OR OTHER FOLLOW-UP: \_\_\_\_\_

---

DESCRIBE METHOD OF DISPOSAL, VOLUME OF CLEANED-UP MATERIAL, AND DISPOSAL FACILITY  
LOCATION: \_\_\_\_\_

---

IDENTIFY STEPS TAKEN TO PREVENT A REOCCURRENCE:

---

REPORTED TO \_\_\_\_\_ AGENCY DATE: \_\_\_\_\_

\_\_\_\_\_ AGENCY DATE: \_\_\_\_\_

**FIGURE 9**

**ANNUAL SWPPP TRAINING PLAN  
DOLBY LANDFILL  
Page 1 of 1**

<b>Training Topics</b>	<b>Brief Description of Training Program/Materials (e.g., film, newsletter)</b>	<b>Schedule for Training (list dates)</b>	<b>Attendees</b>
SWPPP Overview			
Good Housekeeping			
Spill Prevention and Response			
Maintenance Requirements			
BMP Locations			
Routine Inspections			
Stormwater Monitoring (sampling)			
Reporting/Recordkeeping			
Corrective Actions			
Other Topics			





Standard Operating Procedure  
 Bureau of Land and Water Quality  
 Attachment B  
 Date: April 20, 2006  
 Revised: February 1, 2012  
 Doc Number: DEPLW0768

### Visual Monitoring Form

Facility Name: \_\_\_\_\_ Sampler's Name: \_\_\_\_\_  
 Facility Address: \_\_\_\_\_ MSGP Permit Number: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ 72 Hours Since last Measurable Storm?  Yes  No

Measurable Discharge from outfall?  Yes  No

Outfall Number						
Observation Time						
Est. Time from Onset of Runoff						
Discharge Type (rain, snow melt or ice melt)						
Sample Volume (ml)						
Color						
Odor						
Clarity						
Floating Solids*						
Settled Solid*						
Suspended Solid*						
Foam						
Oil Sheen						
Possible Source of Any Observed Contamination						

\*Enter a description of corresponding criteria for each outfall in the General Comments section of this document.

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activity.

Sample's Signature: \_\_\_\_\_

Date: \_\_\_\_\_



General Comments

In the comments section, enter physical description of floating, settled, and suspended solids for each outfall sampled. Enter general comments on the condition and appearance of each outfall in the comments section also as indicated in the instructions.

Outfall 1	<u>Comments:</u> _____ _____ _____ _____ _____
Outfall 2	<u>Comments:</u> _____ _____ _____ _____ _____
Outfall 3	<u>Comments:</u> _____ _____ _____ _____ _____
Outfall 4	<u>Comments:</u> _____ _____ _____ _____ _____
Outfall 5	<u>Comments:</u> _____ _____ _____ _____ _____
Outfall 6	<u>Comments:</u> _____ _____ _____ _____ _____



# Maine's Multi-Sector General Annual Report Form

Facility Name:					
Permit Number:					
Contact Person:					
Phone:		Ext:		Email:	
Annual Report Date:					

## **B. Facility Information**

**1. Have there been any changes to the facility's Stormwater Pollution Prevention Plan? Yes  No**

**If YES, explain:**

---

**2. Has Quarterly Visual Monitoring been performed and documented as required? Yes  No**

**If NO, explain why not:**

**Please summarize Visual Monitoring details including any corrective actions taken.**  
(If your facility has more than 3 outfalls please use additional form)

Outfall 1:

Outfall 2:

Outfall 3:

**3. Have Quarterly Site Inspections been preformed and documented as required?**

Yes  No

**If NO, explain why not:**

**Please summarize site inspection details including any corrective actions taken.**

**4. Have Benchmark Monitoring values exceeded MSGP limits?**

NA  Yes  No

**If YES, explain what corrective actions are planned or have been taken:**

**6. Have Impaired Waters' Monitoring been preformed as required?**

NA  Yes  No

**Please describe any corrective actions taken if values exceeded limits or planned participation in a watershed management group.**

Structural BMP:

BMP	Location	Function (poor, fair, excellent)	Maintenance Completed Date	Maintenance Planned Date

7. Have any spills occurred at the facility? NA  Yes  No

IF YES, please note the location and explain any corrective actions taken.

8. Has an inspection been performed to determine the presence of any non-stormwater discharges?  
(The non-stormwater certification below must be signed) Yes  No

Was any non-stormwater discharges identified? Yes  No

IF YES, explain

Are the non-stormwater discharges authorized under the MSGP? Yes  No

List all corrective actions for unauthorized non-stormwater discharges.

**All stormwater outfalls at this facility have been evaluated and found to be free of non-stormwater discharges for this permit year.**

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

Signature of Responsible Official: 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 submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering 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 fines and imprisonment for knowingly violating the law.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_

**APPENDIX A**  
**NOTICE OF INTENT**



**NOTICE OF INTENT TO COMPLY WITH THE MAINE MULTI-SECTOR GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY**

Notice of Intent (NOI) submission constitutes the express intent of the entity in Section A (of this form) to discharge stormwater associated with an industrial activity to waters of the State (excluding groundwater), from the facility/site identified in Section C (of this form), under Maine's Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activity (MSGP). Submission of this NOI also certifies that the responsible official understands and meets the eligibility conditions of Special Condition C, *Applicability And Eligibility*, of the MSGP, agrees to comply with all applicable terms and conditions of the MSGP, and understands that continued authorization under the MSGP is contingent on maintaining eligibility for coverage. **Please send the completed form to the Maine Department of Environmental Protection, 17 State House Station, Augusta, ME 04333-0017. A check for the appropriate permit fee made payable to: Treasurer, State of Maine may need to be submitted with the NOI. Please read the instructions on the back prior to completing the NOI form.**

**A. Applicant Information – Legal Name & Mailing Address**

MSGP Permit :	MER05			
Maine State Charter Number (if applicable):				
Legal Name of Applicant	State of Maine Bureau of General Services			
Mailing Address	State House Station 59, Attn Michael Barden			
City/Town	Augusta	State	ME	Zip Code: 04333-0059
Daytime Phone: (with area code)	207-624-7436			
E-mail	michael.barden@maine.gov			

**B. Contact Person for this NOI**

Permit Contact Person	Michael Barden			
Title	Manager, State Owned Landfills			
Contact Address	State House Station 59			
City/Town	Augusta	State	ME	Zip Code: 04333-0059
Daytime Phone:	207-624-7436			
Email:	michael.barden@maine.gov			

**C. Facility/Site Physical Location**

Physical Address	Dolby Landfill Route 157			
City/Town	East Millinocket	State	ME	Zip Code: 04430





**NOTICE OF INTENT TO COMPLY WITH THE MAINE MULTI-SECTOR GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY**

Daytime Phone:	
Basis for Applicant's Title, Right, or Interest:	<input checked="" type="checkbox"/> Deed <input type="checkbox"/> Lease <input type="checkbox"/> Operating Agreement <input type="checkbox"/> Other Attach a copy of the documentation demonstrating Title, Right or Interest

<b>D. Receiving Water Information</b>	
Name of the receiving water(s):	Partridge Brook Flowage/Dolby Pond to W Br Penobscot River
Does the facility discharge stormwater to a municipal separate stormwater sewer system (MS4)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, name of the MS4:	

<b>E. Industrial Activity Information</b>	
The 4-digit Standard Industrial Classification (SIC) Code(s) or the 2 or 3 alpha-numeric Sub-Sector Code that best represents the industrial activity at the facility or any multiple sector-specific industrial activities.	
SIC# or Sub-Sector Code	LF
Additional SIC# or Sub-Sector Code	
Applicable Sector(s) of industrial activity, as designated in Attachment A of the MSGP, that include associated discharges that you seek to have covered under this permit (check all that apply):	
<input type="checkbox"/> Sector A <input type="checkbox"/> Sector B <input type="checkbox"/> Sector C <input type="checkbox"/> Sector D <input type="checkbox"/> Sector E <input type="checkbox"/> Sector F <input type="checkbox"/> Sector G <input type="checkbox"/> Sector H <input type="checkbox"/> Sector I <input type="checkbox"/> Sector J <input type="checkbox"/> Sector K <input checked="" type="checkbox"/> Sector L <input type="checkbox"/> Sector M <input type="checkbox"/> Sector N <input type="checkbox"/> Sector O <input type="checkbox"/> Sector P <input type="checkbox"/> Sector Q <input type="checkbox"/> Sector R <input type="checkbox"/> Sector S <input type="checkbox"/> Sector T <input type="checkbox"/> Sector U <input type="checkbox"/> Sector V <input type="checkbox"/> Sector W <input type="checkbox"/> Sector X <input type="checkbox"/> Sector Y <input type="checkbox"/> Sector Z <input type="checkbox"/> Sector AA <input type="checkbox"/> Sector AB <input type="checkbox"/> Sector AC <input type="checkbox"/> Sector AD	
Does the facility have a complete and up-to-date Stormwater Pollution Prevention Plan (SWPPP)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
What date was the SWPPP last revised to bring it up-to-date?	2/28/2017

<b>F. Certification of Responsible Official</b>	
I certify under penalty of law that I have personally examined the information submitted in this document and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the information is true, accurate, and complete. I authorize the Department to enter the property that is the subject of this application, at reasonable hours, including buildings, structures or conveyances on the property, to determine the accuracy of any information provided herein. I am aware there are significant civil and criminal penalties for submitting false information, including the possibility of fine and imprisonment. By my signature as a responsible official for the entity or individual identified in Section A of this NOI, I certify under penalty of law that that I am the operator of the facility, and have Title, Right or Interest, as indicated in Section C of this form.	
Printed Name:	George Gervais
Title:	Commissioner
Signature:	<i>George Gervais</i> for George Gervais
Date:	2/7/17

<b>DEP OFFICE USE ONLY</b>	
Permit ID	



STATE OF MAINE  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
17 STATE HOUSE STATION  
AUGUSTA, ME 04333

**DEPARTMENT ORDER**

**IN THE MATTER OF**

MAINE STATE DAFS, BUREAU OF GENERAL SERVICES )  
EAST MILLINOCKET, PENOBSCOT COUNTY, MAINE )  
MER05C138 )  
ROUTE 157 )

MULTI-SECTOR GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH AN INDUSTRIAL ACTIVITY

**APPROVAL ) GENERAL PERMIT COVERAGE**

The Department of Environmental Protection (Department) has considered the Notice of Intent submitted by the MAINE STATE DAFS, BUREAU OF GENERAL SERVICES with supportive data, agency review comments and other related materials on file for coverage under the Multi-Sector General Permit For Stormwater Associated With An Industrial Activity (MSGP) #MER050000, issued by the Department on December 7, 2016, and FINDS THE FOLLOWING FACTS.

The permittee has agreed to comply with all terms and conditions of the MSGP. Operated in accordance with MSGP #MER050000, the discharges identified by the permittee will not have a significant adverse effect on water quality or cause or contribute to the violation of the water quality standards of the receiving water.

THEREFORE, the Department GRANTS the MAINE STATE DAFS, BUREAU OF GENERAL SERVICES , coverage under MSGP #MER050000 subject to the terms and conditions therein.

DONE AND DATED AT AUGUSTA, MAINE, THIS 23<sup>RD</sup> DAY OF February, 2017.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: Michael Kuehn  
~~Paul Mercer~~, Commissioner

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

The Original Notice of Intent was received by the Department on February 7, 2017.  
The Original Notice of Intent was accepted by the Department on February 7, 2017.

Date filed with Board of Environmental Protection: \_\_\_\_\_

This Order prepared by GREGG WOOD, BUREAU OF WATER QUALITY  
MER05C138 February 23, 2017

Filed  
FEB 24 2017  
State of Maine  
Board of Environmental Protection



STATE OF MAINE  
DEPARTMENT OF ENVIRONMENTAL PROTECTION



PAUL R. LEPAGE  
GOVERNOR

PAUL MERCER  
COMMISSIONER

February 23, 2017

MICHAEL BARDEN  
MAINE STATE DAFS, BUREAU OF GENERAL SERVICES  
59 SHS  
AUGUSTA, ME 04333  
*e-mail: Michael.barden@maine.gov*

**RE: Multi-Sector General Permit For Stormwater Associated With An Industrial Activity  
MER05C138- ROUTE 157**

Dear Michael Barden:

Enclosed, please find a Department Order granting coverage under the Multi-Sector General Permit For Stormwater Associated With An Industrial Activity (MSGP), which was issued by the Department on December 7, 2016, for a five year term.

Please read the MSGP and its attached conditions carefully. Compliance with this permit will protect water quality. If you have any questions regarding the matter, please feel free to call me at 287-7693.

Your Department compliance inspector is also a resource that can assist you with compliance. Please do not hesitate to contact them with any questions.

Thank you for your efforts to protect and improve the waters of the great state of Maine!

Sincerely,

Gregg Wood  
Division of Water Quality Management  
Bureau of Water Quality

Enc.

cc: David Ladd, DEP                      Sandy Mojica, USEPA  
Lori Mitchell, DEP/CMRO              Olga Vergara, USEPA              Marelyn Vega, USEPA

AUGUSTA  
17 STATE HOUSE STATION  
AUGUSTA, MAINE 04333-0017  
(207) 287-7688 FAX: (207) 287-7826

BANGOR  
106 HOGAN ROAD, SUITE 6  
BANGOR, MAINE 04401  
(207) 941-4570 FAX: (207) 941-4584

PORTLAND  
312 CANCO ROAD  
PORTLAND, MAINE 04103  
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE  
1235 CENTRAL DRIVE, SKYWAY PARK  
PRESQUE ISLE, MAINE 04769  
(207) 764-0477 FAX: (207) 760-3143



**NOTICE OF INTENT TO COMPLY WITH THE MAINE MULTI-SECTOR GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY**

Notice of Intent (NOI) submission constitutes the express intent of the entity in Section A (of this form) to discharge stormwater associated with an industrial activity to waters of the State (excluding groundwater), from the facility/site identified in Section C (of this form), under Maine's Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activity (MSGP). Submission of this NOI also certifies that the responsible official understands and meets the eligibility conditions of Special Condition C, *Applicability And Eligibility*, of the MSGP, agrees to comply with all applicable terms and conditions of the MSGP, and understands that continued authorization under the MSGP is contingent on maintaining eligibility for coverage. **Please send the completed form to the Maine Department of Environmental Protection, 17 State House Station, Augusta, ME 04333-0017. A check for the appropriate permit fee made payable to: Treasurer, State of Maine may need to be submitted with the NOI. Please read the instructions on the back prior to completing the NOI form.**

<b>A. Applicant Information - Legal Name &amp; Mailing Address</b>				
MSGP Permit:	MER05 C 138			
Maine State Charter Number (if applicable):				
Legal Name of Applicant	State of Maine Bureau of General Services			
Mailing Address	State House Station 59, Attn Michael Barden			
City/Town	Augusta	State	ME	Zip Code: 04333-0059
Daytime Phone: (with area code)	207-624-7436			
E-mail	michael.barden@maine.gov			

<b>B. Contact Person for this NOI</b>				
Permit Contact Person	Michael Barden			
Title	Manager, State Owned Landfills			
Contact Address	State House Station 59			
City/Town	Augusta	State	ME	Zip Code: 04333-0059
Daytime Phone:	207-624-7436			
Email:	michael.barden@maine.gov			

<b>C. Facility/Site Physical Location</b>				
Physical Address	Dolby Landfill Route 157			
City/Town	East Millinocket	State	ME	Zip Code: 04430

REC'D 2/7/17 ACC'D 2/7/17

December 27, 2016

Entered Permit 2-23-17 SP



**NOTICE OF INTENT TO COMPLY WITH THE MAINE MULTI-SECTOR GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY**

Daytime Phone:	
Basis for Applicant's Title, Right, or Interest:	<input checked="" type="checkbox"/> Deed <input type="checkbox"/> Lease <input type="checkbox"/> Operating Agreement <input type="checkbox"/> Other Attach a copy of the documentation demonstrating Title, Right or Interest

**D. Receiving Water Information**

Name of the receiving water(s):	Partridge Brook Flowage/Dolby Pond to W Br Penobscot River		
Does the facility discharge stormwater to a municipal separate stormwater sewer system (MS4)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If yes, name of the MS4:			

**E. Industrial Activity Information**

The 4-digit Standard Industrial Classification (SIC) Code(s) or the 2 or 3 alpha-numeric Sub-Sector Code that best represents the industrial activity at the facility or any multiple sector-specific industrial activities.

SIC# or Sub-Sector Code	LF	Additional SIC# or Sub-Sector Code	
Applicable Sector(s) of industrial activity, as designated in Attachment A of the MSGP, that include associated discharges that you seek to have covered under this permit (check all that apply):			
<input type="checkbox"/> Sector A	<input type="checkbox"/> Sector B	<input type="checkbox"/> Sector C	<input type="checkbox"/> Sector D
<input type="checkbox"/> Sector E	<input type="checkbox"/> Sector F	<input type="checkbox"/> Sector G	<input type="checkbox"/> Sector H
<input type="checkbox"/> Sector I	<input type="checkbox"/> Sector J	<input type="checkbox"/> Sector K	<input checked="" type="checkbox"/> Sector L
<input type="checkbox"/> Sector M	<input type="checkbox"/> Sector N	<input type="checkbox"/> Sector O	<input type="checkbox"/> Sector P
<input type="checkbox"/> Sector Q	<input type="checkbox"/> Sector R	<input type="checkbox"/> Sector S	<input type="checkbox"/> Sector T
<input type="checkbox"/> Sector U	<input type="checkbox"/> Sector V	<input type="checkbox"/> Sector W	<input type="checkbox"/> Sector X
<input type="checkbox"/> Sector Y	<input type="checkbox"/> Sector Z	<input type="checkbox"/> Sector AA	<input type="checkbox"/> Sector AB
<input type="checkbox"/> Sector AC	<input type="checkbox"/> Sector AD		
Does the facility have a complete and up-to-date Stormwater Pollution Prevention Plan (SWPPP)?			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
What date was the SWPPP last revised to bring it up-to-date?			2/28/2017

**F. Certification of Responsible Official**

I certify under penalty of law that I have personally examined the information submitted in this document and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the information is true, accurate, and complete. I authorize the Department to enter the property that is the subject of this application, at reasonable hours, including buildings, structures or conveyances on the property, to determine the accuracy of any information provided herein. I am aware there are significant civil and criminal penalties for submitting false information, including the possibility of fine and imprisonment. By my signature as a responsible official for the entity or individual identified in Section A of this NOI, I certify under penalty of law that that I am the operator of the facility, and have Title, Right or Interest, as indicated in Section C of this form.

Printed Name:	George Gervais		
Title:	Commissioner		
Signature:		Date:	2/7/17

**DEP OFFICE USE ONLY**

Permit ID	
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**APPENDIX B**  
**COMPLETED SITE COMPLIANCE REPORTS**

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 1 of 3

Name of Qualified Inspector(s) Completing Evaluation/Inspection: BRIAN PIERCE Date: 11/1/2016  
Date: \_\_\_\_\_

Are industrial materials, residue, or trash on the ground? Yes  No

If yes, state corrective action NA

Date corrective action was completed NA

Are there any leaks or spills from industrial equipment, drums, barrels, tanks or containers on-site? Yes  No

If yes, state corrective action NA

Date corrective action was completed NA

Is there offsite tracking of industrial materials or sediment where vehicles enter or exit the site? Yes  No

If yes, state corrective action NA

Date corrective action was completed NA

Is there blowing or whirling of raw, final, or waste materials? Yes  No

If yes, state corrective action NA

Date corrective action was completed NA

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 2 of 3

Are all stormwater BMPs identified in the SWPP operating correctly?

Yes

No

If no, state corrective action NA

Date corrective action was completed NA

Are additional BMPs required for potential pollutants or an industrial activity  
If yes, document & update SWPPP

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Are there signs of erosion in stormwater conveyances or at outfalls?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Evidence of industrial material, residue, trash, or sediment in stormwater conveyance?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Has industrial activity been added or the site expanded?  
yes, document in SWPPP & on site map

Yes

No  If

If yes, state corrective action or additional BMPs required NA

Date corrective action or BMPs implemented NA



FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 3 of 3

Have the locations of any of the potential pollutants or material storage changed? Yes  No

If yes, state corrective action or additional BMPs required NA

If yes, document in the SWPPP & on site map NA

Are there any non-stormwater discharges? Yes  No

If yes, what are they?  
NA

Are the non-stormwater discharges authorized under the MSGP? NA Yes  No

If no, have all the outfalls been inspected for unauthorized non-stormwater discharges? NA Yes  No

State corrective actions for all unauthorized non-stormwater discharges. NA

Are any modifications required to be made to the SWPPP or Site Map(s)  
 No modification required  
 SWPPP requires modification  
 Map(s) require modification

All required changes have been made to the Plan NA Date: \_\_\_\_\_ Initials: \_\_\_\_\_  
All required changes have been made to the Site Map(s) NA Date: \_\_\_\_\_ Initials: \_\_\_\_\_

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 as gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for 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 imprisonment for knowingly violating the law.

Authorized Signature: Bridget  
Date: 11/1/2016

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL

Page 1 of 3

Name of Qualified Inspector(s) Completing  
Evaluation/Inspection:

BRIAN PIERCE

Date: 8/5/2016

Date: \_\_\_\_\_

Are industrial materials, residue, or trash on the ground?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Are there any leaks or spills from industrial equipment, drums, barrels, tanks or containers  
on-site?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Is there offsite tracking of industrial materials or sediment where vehicles enter or exit  
the site?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Is there blowing or whirling of raw, final, or waste materials?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 2 of 3

Are all stormwater BMPs identified in the SWPP operating correctly?

Yes

No

If no, state corrective action NA

Date corrective action was completed NA

Are additional BMPs required for potential pollutants or an industrial activity  
If yes, document & update SWPPP

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Are there signs of erosion in stormwater conveyances or at outfalls?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Evidence of industrial material, residue, trash, or sediment in stormwater conveyance?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Has industrial activity been added or the site expanded?  
yes, document in SWPPP & on site map

Yes

No  If

If yes, state corrective action or additional BMPs required NA

Date corrective action or BMPs implemented NA

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 3 of 3

Have the locations of any of the potential pollutants or material storage changed? Yes  No

If yes, state corrective action or additional BMPs required NA

If yes, document in the SWPPP & on site map NA

Are there any non-stormwater discharges? Yes  No

If yes, what are they?  
NA

Are the non-stormwater discharges authorized under the MSGP? NA Yes  No

If no, have all the outfalls been inspected for unauthorized non-stormwater discharges? NA Yes  No

State corrective actions for all unauthorized non-stormwater discharges. NA

Are any modifications required to be made to the SWPPP or Site Map(s)  
 No modification required  
 SWPPP requires modification  
 Map(s) require modification

All required changes have been made to the Plan NA Date: \_\_\_\_\_ Initials: \_\_\_\_\_  
All required changes have been made to the Site Map(s) NA Date: \_\_\_\_\_ Initials: \_\_\_\_\_

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 as  
gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for  
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  
imprisonment for knowingly violating the law.

Authorized Signature: Ben O'Hara

Date: 8/5/2016

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL

Page 1 of 3

Name of Qualified Inspector(s) Completing  
Evaluation/Inspection:

BRIAN PIERCE (SME)

Date: 5/5/2016

Date: \_\_\_\_\_

Are industrial materials, residue, or trash on the ground?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Are there any leaks or spills from industrial equipment, drums, barrels, tanks or containers  
on-site?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Is there offsite tracking of industrial materials or sediment where vehicles enter or exit  
the site?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Is there blowing or whirling of raw, final, or waste materials?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 2 of 3

Are all stormwater BMPs identified in the SWPP operating correctly?

Yes

No

If no, state corrective action NA

Date corrective action was completed NA

Are additional BMPs required for potential pollutants or an industrial activity  
If yes, document & update SWPPP

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Are there signs of erosion in stormwater conveyances or at outfalls?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Evidence of industrial material, residue, trash, or sediment in stormwater conveyance?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Has industrial activity been added or the site expanded?  
yes, document in SWPPP & on site map

Yes

No  If

If yes, state corrective action or additional BMPs required NA

Date corrective action or BMPs implemented NA

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 3 of 3

Have the locations of any of the potential pollutants or material storage changed? Yes  No

If yes, state corrective action or additional BMPs required NA

If yes, document in the SWPPP & on site map NA

Are there any non-stormwater discharges? Yes  No

If yes, what are they?  
NA

Are the non-stormwater discharges authorized under the MSGP? NA Yes  No

If no, have all the outfalls been inspected for unauthorized non-stormwater discharges? NA Yes  No

State corrective actions for all unauthorized non-stormwater discharges. NA

Are any modifications required to be made to the SWPPP or Site Map(s)  No modification required  
 SWPPP requires modification  
 Map(s) require modification

All required changes have been made to the Plan NA Date: \_\_\_\_\_ Initials: \_\_\_\_\_  
All required changes have been made to the Site Map(s) NA Date: \_\_\_\_\_ Initials: \_\_\_\_\_

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 as gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for 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 imprisonment for knowingly violating the law.

Authorized Signature: Brian D. [Signature]  
Date: 5/5/2016

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL

Page 1 of 3

Name of Qualified Inspector(s) Completing  
Evaluation/Inspection:

BRIAN PIERCE

Date: 10/8/2015

Date: \_\_\_\_\_

Are industrial materials, residue, or trash on the ground?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Are there any leaks or spills from industrial equipment, drums, barrels, tanks or containers  
on-site?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Is there offsite tracking of industrial materials or sediment where vehicles enter or exit  
the site?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Is there blowing or whirling of raw, final, or waste materials?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA



FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 2 of 3

Are all stormwater BMPs identified in the SWPP operating correctly? Yes  No

If no, state corrective action NA

Date corrective action was completed NA

Are additional BMPs required for potential pollutants or an industrial activity  
If yes, document & update SWPPP Yes  No

If yes, state corrective action NA

Date corrective action was completed NA

Are there signs of erosion in stormwater conveyances or at outfalls? Yes  No

If yes, state corrective action NA

Date corrective action was completed NA

Evidence of industrial material, residue, trash, or sediment in stormwater conveyance? Yes  No

If yes, state corrective action NA

Date corrective action was completed NA

Has industrial activity been added or the site expanded?  
yes, document in SWPPP & on site map Yes  No  If

If yes, state corrective action or additional BMPs required NA

Date corrective action or BMPs implemented NA

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 3 of 3

Have the locations of any of the potential pollutants or material storage changed? Yes  No

If yes, state corrective action or additional BMPs required NA

If yes, document in the SWPPP & on site map NA

Are there any non-stormwater discharges? Yes  No

If yes, what are they? NA

Are the non-stormwater discharges authorized under the MSGP? NA Yes  No

If no, have all the outfalls been inspected for unauthorized non-stormwater discharges? NA Yes  No

State corrective actions for all unauthorized non-stormwater discharges. NA

Are any modifications required to be made to the SWPPP or Site Map(s)  No modification required  
 SWPPP requires modification  
 Map(s) require modification

All required changes have been made to the Plan NA Date: \_\_\_\_\_ Initials: \_\_\_\_\_  
All required changes have been made to the Site Map(s) NA Date: \_\_\_\_\_ Initials: \_\_\_\_\_

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imprisonment for knowingly violating the law.

Authorized Signature: *Bin D. Klein*

Date: 10/8/2015

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL

Page 1 of 3

Name of Qualified Inspector(s) Completing  
Evaluation/Inspection:

BRIAN PIERCE

Date: 7/6/2015

Date: \_\_\_\_\_

Are industrial materials, residue, or trash on the ground?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Are there any leaks or spills from industrial equipment, drums, barrels, tanks or containers  
on-site?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Is there offsite tracking of industrial materials or sediment where vehicles enter or exit  
the site?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Is there blowing or whirling of raw, final, or waste materials?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 2 of 3

Are all stormwater BMPs identified in the SWPP operating correctly?

Yes

No

If no, state corrective action NA

Date corrective action was completed NA

Are additional BMPs required for potential pollutants or an industrial activity  
If yes, document & update SWPPP

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Are there signs of erosion in stormwater conveyances or at outfalls?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Evidence of industrial material, residue, trash, or sediment in stormwater conveyance?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Has industrial activity been added or the site expanded?  
yes, document in SWPPP & on site map

Yes

No

If yes, state corrective action or additional BMPs required NA

Date corrective action or BMPs implemented NA

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 3 of 3

Have the locations of any of the potential pollutants or material storage changed? Yes  No

If yes, state corrective action or additional BMPs required NA

If yes, document in the SWPPP & on site map NA

Are there any non-stormwater discharges? Yes  No

If yes, what are they? NA

Are the non-stormwater discharges authorized under the MSGP? NA Yes  No

If no, have all the outfalls been inspected for unauthorized non-stormwater discharges? NA Yes  No

State corrective actions for all unauthorized non-stormwater discharges. NA

Are any modifications required to be made to the SWPPP or Site Map(s)  No modification required  
 SWPPP requires modification  
 Map(s) require modification

All required changes have been made to the Plan NA Date: \_\_\_\_\_ Initials: \_\_\_\_\_  
All required changes have been made to the Site Map(s) NA Date: \_\_\_\_\_ Initials: \_\_\_\_\_

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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  
imprisonment for knowingly violating the law.

Authorized Signature: [Signature]  
Date: 7/6/2015

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL

Page 1 of 3

Name of Qualified Inspector(s) Completing  
Evaluation/Inspection:

BRIAN PIERCE

Date: 5/11/2015

Date: \_\_\_\_\_

Are industrial materials, residue, or trash on the ground?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Are there any leaks or spills from industrial equipment, drums, barrels, tanks or containers  
on-site?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Is there offsite tracking of industrial materials or sediment where vehicles enter or exit  
the site?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Is there blowing or whirling of raw, final, or waste materials?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 2 of 3

Are all stormwater BMPs identified in the SWPP operating correctly?

Yes

No

If no, state corrective action NA

Date corrective action was completed NA

Are additional BMPs required for potential pollutants or an industrial activity  
If yes, document & update SWPPP

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Are there signs of erosion in stormwater conveyances or at outfalls?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Evidence of industrial material, residue, trash, or sediment in stormwater conveyance?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Has industrial activity been added or the site expanded?  
yes, document in SWPPP & on site map

Yes

No

If yes, state corrective action or additional BMPs required NA

Date corrective action or BMPs implemented NA

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 3 of 3

Have the locations of any of the potential pollutants or material storage changed? Yes  No

If yes, state corrective action or additional BMPs required NA

If yes, document in the SWPPP & on site map NA

Are there any non-stormwater discharges? Yes  No

If yes, what are they?  
NA

Are the non-stormwater discharges authorized under the MSGP? NA Yes  No

If no, have all the outfalls been inspected for unauthorized non-stormwater discharges? NA Yes  No

State corrective actions for all unauthorized non-stormwater discharges. NA

Are any modifications required to be made to the SWPPP or Site Map(s)  
 No modification required  
 SWPPP requires modification  
 Map(s) require modification

All required changes have been made to the Plan NA Date: \_\_\_\_\_ Initials: \_\_\_\_\_  
All required changes have been made to the Site Map(s) NA Date: \_\_\_\_\_ Initials: \_\_\_\_\_

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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  
imprisonment for knowingly violating the law.

Authorized Signature: B. J. [Signature]  
Date: 5/11/2015



FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 1 of 3

Name of Qualified Inspector(s) Completing  
Evaluation/Inspection:

BRIAN PIERCE (SME)

Date: 10/17/2014

Date: \_\_\_\_\_

Are industrial materials, residue, or trash on the ground?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Are there any leaks or spills from industrial equipment, drums, barrels, tanks or containers  
on-site?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Is there offsite tracking of industrial materials or sediment where vehicles enter or exit  
the site?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Is there blowing or whirling of raw, final, or waste materials?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 2 of 3

Are all stormwater BMPs identified in the SWPP operating correctly?

Yes

No

If no, state corrective action NA

Date corrective action was completed NA

Are additional BMPs required for potential pollutants or an industrial activity  
If yes, document & update SWPPP

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Are there signs of erosion in stormwater conveyances or at outfalls?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Evidence of industrial material, residue, trash, or sediment in stormwater conveyance?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Has industrial activity been added or the site expanded?  
yes, document in SWPPP & on site map

Yes

No  If

If yes, state corrective action or additional BMPs required NA

Date corrective action or BMPs implemented NA

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 3 of 3

Have the locations of any of the potential pollutants or material storage changed?

Yes

No

If yes, state corrective action or additional BMPs required NA

If yes, document in the SWPPP & on site map NA

Are there any non-stormwater discharges?

Yes

No

If yes, what are they?

NA

Are the non-stormwater discharges authorized under the MSGP? NA

Yes

No

If no, have all the outfalls been inspected for unauthorized non-stormwater discharges? NA

Yes

No

State corrective actions for all unauthorized non-stormwater discharges. NA

Are any modifications required to be made to the SWPPP or Site Map(s)

- No modification required
- SWPPP requires modification
- Map(s) require modification

All required changes have been made to the Plan

Date: \_\_\_\_\_

Initials: \_\_\_\_\_

All required changes have been made to the Site Map(s)

Date: \_\_\_\_\_

Initials: \_\_\_\_\_

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Authorized Signature: B. D. P. [Signature]

Date: 10/17/2014

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL

Page 1 of 3

Name of Qualified Inspector(s) Completing  
Evaluation/Inspection:

BRIAN PIERCE

Date: 8/20/2014

Date: \_\_\_\_\_

Are industrial materials, residue, or trash on the ground?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Are there any leaks or spills from industrial equipment, drums, barrels, tanks or containers  
on-site?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Is there offsite tracking of industrial materials or sediment where vehicles enter or exit  
the site?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Is there blowing or whirling of raw, final, or waste materials?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 2 of 3

Are all stormwater BMPs identified in the SWPP operating correctly? Yes  No

If no, state corrective action NA

Date corrective action was completed NA

Are additional BMPs required for potential pollutants or an industrial activity  
If yes, document & update SWPPP Yes  No

If yes, state corrective action NA

Date corrective action was completed NA

Are there signs of erosion in stormwater conveyances or at outfalls? Yes  No

If yes, state corrective action NA

Date corrective action was completed NA

Evidence of industrial material, residue, trash, or sediment in stormwater conveyance? Yes  No

If yes, state corrective action NA

Date corrective action was completed NA

Has industrial activity been added or the site expanded?  
yes, document in SWPPP & on site map Yes  No  If

If yes, state corrective action or additional BMPs required NA

Date corrective action or BMPs implemented NA

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 3 of 3

Have the locations of any of the potential pollutants or material storage changed? Yes  No

If yes, state corrective action or additional BMPs required NA

If yes, document in the SWPPP & on site map NA

Are there any non-stormwater discharges? Yes  No

If yes, what are they? NA

Are the non-stormwater discharges authorized under the MSGP? NA Yes  No

If no, have all the outfalls been inspected for unauthorized non-stormwater discharges? NA Yes  No

State corrective actions for all unauthorized non-stormwater discharges. NA

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 SWPPP requires modification  
 Map(s) require modification

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Authorized Signature: Ben D'Amico  
Date: 8/20/2014

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL

Page 1 of 3

Name of Qualified Inspector(s) Completing  
Evaluation/Inspection:

BRIAN PIERRE

Date: 6/23/2014

Date: \_\_\_\_\_

Are industrial materials, residue, or trash on the ground?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Are there any leaks or spills from industrial equipment, drums, barrels, tanks or containers  
on-site?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Is there offsite tracking of industrial materials or sediment where vehicles enter or exit  
the site?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Is there blowing or whirling of raw, final, or waste materials?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 2 of 3

Are all stormwater BMPs identified in the SWPP operating correctly?

Yes

No

If no, state corrective action NA

Date corrective action was completed NA

Are additional BMPs required for potential pollutants or an industrial activity  
If yes, document & update SWPPP

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Are there signs of erosion in stormwater conveyances or at outfalls?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Evidence of industrial material, residue, trash, or sediment in stormwater conveyance?

Yes

No

If yes, state corrective action NA

Date corrective action was completed NA

Has industrial activity been added or the site expanded?  
yes, document in SWPPP & on site map

Yes

No  If

If yes, state corrective action or additional BMPs required NA

Date corrective action or BMPs implemented NA



FIGURE 6

QUARTERLY SITE COMPLIANCE EVALUATION/INSPECTION REPORT  
DOLBY LANDFILL  
Page 3 of 3

Have the locations of any of the potential pollutants or material storage changed? Yes  No

If yes, state corrective action or additional BMPs required NA

If yes, document in the SWPPP & on site map NA

Are there any non-stormwater discharges? Yes  No

If yes, what are they?  
NA

Are the non-stormwater discharges authorized under the MSGP? NA Yes  No

If no, have all the outfalls been inspected for unauthorized non-stormwater discharges? NA Yes  No

State corrective actions for all unauthorized non-stormwater discharges. NA

Are any modifications required to be made to the SWPPP or Site Map(s)  No modification required  
 SWPPP requires modification  
 Map(s) require modification

All required changes have been made to the Plan Date: \_\_\_\_\_ Initials: \_\_\_\_\_  
All required changes have been made to the Site Map(s) Date: \_\_\_\_\_ Initials: \_\_\_\_\_

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Authorized Signature: Ben Dhan  
Date: 6/23/2014

**APPENDIX C**

**COMPLETED WEEKLY AND QUARTERLY INSPECTION REPORTS**

Third Inspection 2016

**DOLBY LANDFILL  
LANDFILL INSPECTION CHECKLIST**

Date: November 1, 2016

Time: 9:00 a.m. to 2:00 p.m.

Weather: Overcast 40's

Inspected By: Brian Pierce

Item	Condition	
	Ok	Not Ok
<b>DOLBY I LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding		X (1)
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X	
Mowing Required		X(2)
Germination of Trees, Deep Root Vegetation		X(2)
Animal Burrowing	X	
<b>COLLECTION PONDS</b>		
West End Pond Level (low, medium, or high)	X (Low-Dry)	
East End Pond Level (low, medium, or high)	X (Low-Dry)	
Vegetative Build-up in Ponds (Cat Tails)		X(2)
<b>ACCESS GATES</b>		
Gates Secured and Working Properly (Facility Main Gates)	X	
Road Accessible by Vehicle	X	
<b>DOLBY II LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X(3)	
Mowing Required	X	
Germination of Trees, Deep Root Vegetation	X	
Animal Burrowing	X	
<b>PERIMETER DRAIN CATCH BASINS</b>		
Build-up Sediment in Catch Basins	X	
Flow Conditions (low, medium, or high)	X (No Flow)	
Catch Basins Intact and Serviceable	X	
<b>LEACHATE HOLDING POND</b>		
Iron Staining (wooded area east of pond)	X (Dry)	
<b>DOLBY III LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X(3)	
Mowing Required	X	
Germination of Trees, Deep Root Vegetation	X	
Poor Drainage, Ponding	X	
Animal Burrowing	X	
Access Road Condition	X	
<b>PERIMETER DRAIN AND CATCH BASINS</b>		
Build-up of Sediment in Catch Basins	X	
Valves Functioning Properly (free turning)	X	

Third Inspection 2016

Item	Condition	
	Ok	Not OK
<b>LEACHATE COLLECTION POND</b>		
<b>LINER</b>		
Condition of Liner (rips, holes, torn seams)	X	
<b>LEACHATE PUMP STATION</b>		
Build-up Sediment in Wetwells	X	
Pumps Functioning Properly (amps, noises)	X	
Valves Functioning Properly (free turning)	X	
Flow Conditions (low, medium, or high)	X (Low)	
Properly Vented	X	
Electrical Panel Inspection (corrosion, etc.)	X	
Flow Meter Inspection – Flow meter not working	X	
<b>LEAK DETECTION SYSTEM</b>		
Pump functioning properly (amps, noises)	X	
Flow Conditions (low, medium, high)	X (Low)	
Flow Meter Inspection		X (5)
Control Panel Inspection	X	
<b>UNDERDRAIN PUMPING SYSTEM</b>		
Pump functioning properly	X	
Flow Conditions	X (Low)	
<b>SITE SEDIMENTATION STRUCTURES</b>		
<b>NORTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (Low)	
<b>WEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (Low - No Discharge)	
<b>SOUTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (Low)	
<b>SITE ROADWAYS AND DRAINAGE</b>		
Check Catch Basins for Build-up of Sediment	X	
Check Culverts for Blocked Drainage and/or damage	X	
Check Monitoring Wells for Visual Damage	X (4)	
General condition of Perimeter Roadways	X	
<b>LEACHATE PIPELINE</b>		
Check Manhole Exterior Condition	X	
Check Transition Station Exterior Condition	X	
Check Aboveground Utility Line to the Transition Station	X (6)	
General condition of Leachate Pipeline Access Road	X	

## Third Inspection 2016

### COMMENTS:

- (1) Growth of cattails was noted on the south side of the Dolby I cover system, however, no standing water was observed.
- (2) Woody vegetation observed on Dolby I cover system and was most significant in downspout structures and collection ponds. Majority of wood is poplar/alder/birch, however, spruce/pine beginning to grow also.
- (3) Small areas of sparse vegetation (failure to thrive) on Dolby II and III landfills.
- (4) Visual observation of wells is performed during each environmental monitoring event.
- (5) Leak Detection Flow meter is not working but the leak detection flow totalizer is working.
- (6) Blaine McLaughlin is currently trimming trees along the leachate transport pipeline from the leachate pond to the transition station. Clearing work is expected to be completed within the next month.
- (7) The outlet of the culvert crossing the landfill perimeter road between the southwest corner of Dolby III and the southwest sedimentation basin is damaged but functional. Consideration should be given to repair or replacement of this culvert when cover upgrade occurs in this corner of Dolby III.
- 
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- 

### RECOMMENDED ACTIONS:

- Consider woody vegetation removal from Dolby I landfill.

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### ACTION TAKEN SINCE LAST REPORT:

-Initiated tree clearing adjacent to the leachate transport pipeline from the leachate pond to the transition station.

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Second Inspection 2016

**DOLBY LANDFILL  
LANDFILL INSPECTION CHECKLIST**

Date: August 5, 2016

Time: 6:40 a.m. to 1:30 p.m.

Weather: Sunny 70's & 80's

Inspected By: Brian Pierce

Item	Condition	
	Ok	Not Ok
<b>DOLBY I LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding		X (1)
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X	
Mowing Required		X(2)
Germination of Trees, Deep Root Vegetation		X(2)
Animal Burrowing	X	
<b>COLLECTION PONDS</b>		
West End Pond Level (low, medium, or high)	X (Low-Dry)	
East End Pond Level (low, medium, or high)	X (Low-Dry)	
Vegetative Build-up in Ponds (Cat Tails)		X(2)
<b>ACCESS GATES</b>		
Gates Secured and Working Properly (Facility Main Gates)	X	
Road Accessible by Vehicle	X	
<b>DOLBY II LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X(3)	
Mowing Required	X	
Germination of Trees, Deep Root Vegetation	X	
Animal Burrowing	X	
<b>PERIMETER DRAIN CATCH BASINS</b>		
Build-up Sediment in Catch Basins	X	
Flow Conditions (low, medium, or high)	X (Low)	
Catch Basins Intact and Serviceable	X	
<b>LEACHATE HOLDING POND</b>		
Iron Staining (wooded area east of pond)	X	
<b>DOLBY III LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X(3)	
Mowing Required	X	
Germination of Trees, Deep Root Vegetation	X	
Poor Drainage, Ponding	X	
Animal Burrowing	X	
Access Road Condition	X	
<b>PERIMETER DRAIN AND CATCH BASINS</b>		
Build-up of Sediment in Catch Basins	X	
Valves Functioning Properly (free turning)	X	

Second Inspection 2016

Item	Condition	
	Ok	Not OK
<b>LEACHATE COLLECTION POND</b>		
<b>LINER</b>		
Condition of Liner (rips, holes, torn seams)	X	
<b>LEACHATE PUMP STATION</b>		
Build-up Sediment in Wetwells	X	
Pumps Functioning Properly (amps, noises)	X	
Valves Functioning Properly (free turning)	X	
Flow Conditions (low, medium, or high)	X	
Properly Vented	X	
Electrical Panel Inspection (corrosion, etc.)	X	
Flow Meter Inspection – Flow meter not working	X	
<b>LEAK DETECTION SYSTEM</b>		
Pump functioning properly (amps, noises)	X	
Flow Conditions (low, medium, high)	X (Low)	
Flow Meter Inspection		X (5)
Control Panel Inspection	X	
<b>UNDERDRAIN PUMPING SYSTEM</b>		
Pump functioning properly	X	
Flow Conditions	X (Low)	
<b>SITE SEDIMENTATION STRUCTURES</b>		
<b>NORTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (Low)	
<b>WEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (Low)	
<b>SOUTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (Low)	
<b>SITE ROADWAYS AND DRAINAGE</b>		
Check Catch Basins for Build-up of Sediment	X	
Check Culverts for Blocked Drainage and/or damage	X (6)	
Check Monitoring Wells for Visual Damage	X (4)	
General condition of Perimeter Roadways	X	
<b>LEACHATE PIPELINE</b>		
Check Manhole Exterior Condition	X	
Check Transition Station Exterior Condition	X	
Check Aboveground Utility Line to the Transition Station	X (7)	
General condition of Leachate Pipeline Access Road	X	

## Second Inspection 2016

### COMMENTS:

(1) Growth of cattails was noted on the south side of the Dolby I cover system, however, no standing water was observed.

(2) Woody vegetation observed on Dolby I cover system and was most significant in downspout structures and collection ponds. Majority of wood is poplar/alder/birch, however, spruce/pine beginning to grow also.

(3) Small areas of sparse vegetation (failure to thrive) on Dolby II and III landfills.

(4) Visual observation of wells is performed during each environmental monitoring event.

(5) Leak Detection Flow meter is not working but the leak detection flow totalizer is working.

(6) Culvert crossing access on north side of Dolby II/III valley areas is clogged and culvert crossing perimeter access road in southwest corner of Dolby III is damaged and in need of repair.

(7) Trees on above ground utility lines in several locations near the transition station. Tree limbs are also growing into the access road along the pipeline that will make pipeline access difficult if not trimmed and removed.

### RECOMMENDED ACTIONS:

- Consider woody vegetation removal from pipeline access road.

- Consider woody vegetation removal from Dolby I landfill.

### ACTION TAKEN SINCE LAST REPORT:

- D&S Engineering has contacted Fairpoint for removal of trees from overhead utility line near transition station. Fairpoint told D&S Engineering that they do not typically remove trees from remote lines unless the lines are compromised.



## DOLBY LANDFILL LANDFILL INSPECTION CHECKLIST

Date: May 5, 2016

Time: 9:00 a.m. to 7:30 p.m.

Weather: Overcast, Mid 50's

Inspected By: Brian Pierce

Item	Condition	
	Ok	Not Ok
<b>DOLBY I LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding		X (1)
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X	
Mowing Required		X(2)
Germination of Trees, Deep Root Vegetation		X(2)
Animal Burrowing	X	
<b>COLLECTION PONDS</b>		
West End Pond Level (low, medium, or high)	X (Medium)	
East End Pond Level (low, medium, or high)	X (Medium)	
Vegetative Build-up in Ponds (Cat Tails)		X(2)
<b>ACCESS GATES</b>		
Gates Secured and Working Properly (Facility Main Gates)	X	
Road Accessible by Vehicle	X	
<b>DOLBY II LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X(3)	
Mowing Required	X	
Germination of Trees, Deep Root Vegetation	X	
Animal Burrowing	X	
<b>PERIMETER DRAIN CATCH BASINS</b>		
Build-up Sediment in Catch Basins	X	
Flow Conditions (low, medium, or high)	X (Medium)	
Catch Basins Intact and Serviceable	X	
<b>LEACHATE HOLDING POND</b>		
Iron Staining (wooded area east of pond)	X	
<b>DOLBY III LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X(3)	
Mowing Required	X	
Germination of Trees, Deep Root Vegetation	X (4)	
Poor Drainage, Ponding	X	
Animal Burrowing	X	
Access Road Condition	X	
<b>PERIMETER DRAIN AND CATCH BASINS</b>		
Build-up of Sediment in Catch Basins	X	
Valves Functioning Properly (free turning)	X	

First Inspection 2016

Item	Condition	
	OK	Not OK
<b>LEACHATE COLLECTION POND</b>		
<b>LINER</b>		
Condition of Liner (rips, holes, torn seams)	X	
<b>LEACHATE PUMP STATION</b>		
Build-up Sediment in Wetwells	X	
Pumps Functioning Properly (amps, noises)	X	
Valves Functioning Properly (free turning)	X	
Flow Conditions (low, medium, or high)	X	
Properly Vented	X	
Electrical Panel Inspection (corrosion, etc.)	X	
Flow Meter Inspection – Flow meter not working	X	
<b>LEAK DETECTION SYSTEM</b>		
Pump functioning properly (amps, noises)	X	
Flow Conditions (low, medium, high)	X (Low)	
Flow Meter Inspection		X (6)
Control Panel Inspection	X	
<b>UNDERDRAIN PUMPING SYSTEM</b>		
Pump functioning properly	X	
Flow Conditions	X (Medium)	
<b>SITE SEDIMENTATION STRUCTURES</b>		
<b>NORTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (medium)	
<b>WEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (medium)	
<b>SOUTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (medium)	
<b>SITE ROADWAYS AND DRAINAGE</b>		
Check Catch Basins for Build-up of Sediment	X	
Check Culverts for Blocked Drainage and/or damage	X (7)	
Check Monitoring Wells for Visual Damage	X (5)	
General condition of Perimeter Roadways	X	
<b>LEACHATE PIPELINE</b>		
Check Manhole Exterior Condition	X	
Check Transition Station Exterior Condition	X	
Check Aboveground Utility Line to the Transition Station	X (8)	
General condition of Leachate Pipeline Access Road	X	

# First Inspection 2016

## COMMENTS:

- (1) Growth of cattails was noted on the south side of the Dolby I cover system, however, no standing water was observed.
- (2) Woody vegetation observed on Dolby I cover system and was most significant in downspout structures. Majority of wood is poplar/alder/birch, however, spruce/pine beginning to grow also.
- (3) Small areas of sparse vegetation (failure to thrive) on Dolby II and III landfills.
- (4) Small trees observed on Dolby III cover system near manhole D3-#6 and D3-#10.
- (5) Visual observation of wells is performed during each environmental monitoring event.
- (6) Leak Detection Flow meter is not working but the leak detection flow totalizer is working.
- (7) Leachate Transport Manhole 12 needs its cover repaired (included in bid for leachate pipeline relocation).
- (8) Trees on above ground utility lines in several locations near the transition station.

## RECOMMENDED ACTIONS:

- Consider vegetation removal within site Sedimentation Basins.
- Consider woody vegetation removal from Dolby I landfill.
- Repair Leachate Transport Pipeline Manhole 12 cover (included in bid for leachate pipeline relocation).

## ACTION TAKEN SINCE LAST REPORT:

- D&S Engineering has contacted Fairpoint for removal of trees from overhead utility line near transition station. Fairpoint told D&S Engineering that they do not typically remove trees from remote lines unless the lines are compromised.

Third Inspection 2015

## DOLBY LANDFILL LANDFILL INSPECTION CHECKLIST

Date: October 8, 2015

Time: 6:30 a.m. to 10:00 a.m.

Weather: Sunny, 40-50°F

Inspected By: Brian Pierce

Item	Condition	
	Ok	Not Ok
<b>DOLBY I LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding		X (1)
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X	
Mowing Required		X(2)
Germination of Trees, Deep Root Vegetation		X(2)
Animal Burrowing	X	
<b>COLLECTION PONDS</b>		
West End Pond Level (low, medium, or high)	X (Medium)	
East End Pond Level (low, medium, or high)	X (Medium)	
Vegetative Build-up in Ponds (Cat Tails)		X(2)
<b>ACCESS GATES</b>		
Gates Secured and Working Properly (Facility Main Gates)	X	
Road Accessible by Vehicle	X	
<b>DOLBY II LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X(3)	
Mowing Required	X	
Germination of Trees, Deep Root Vegetation	X	
Animal Burrowing	X	
<b>PERIMETER DRAIN CATCH BASINS</b>		
Build-up Sediment in Catch Basins	X	
Flow Conditions (low, medium, or high)	X (Medium)	
Catch Basins Intact and Serviceable	X	
<b>LEACHATE HOLDING POND</b>		
Iron Staining (wooded area east of pond)	X	
<b>DOLBY III LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X(3)	
Mowing Required	X	
Germination of Trees, Deep Root Vegetation	X (4)	
Poor Drainage, Ponding	X	
Animal Burrowing	X	
Access Road Condition	X	
<b>PERIMETER DRAIN AND CATCH BASINS</b>		
Build-up of Sediment in Catch Basins	X	
Valves Functioning Properly (free turning)	X	

Third Inspection 2015

Item	Condition	
	Ok	Not OK
<b>LEACHATE COLLECTION POND</b>		
<b>LINER</b>		
Condition of Liner (rips, holes, torn seams)	X	
<b>LEACHATE PUMP STATION</b>		
Build-up Sediment in Wetwells	X	
Pumps Functioning Properly (amps, noises)	X	
Valves Functioning Properly (free turning)	X	
Flow Conditions (low, medium, or high)	X	
Properly Vented	X	
Electrical Panel Inspection (corrosion, etc.)	X	
Flow Meter Inspection – Flow meter not working	X	
<b>LEAK DETECTION SYSTEM</b>		
Pump functioning properly (amps, noises)	X	
Flow Conditions (low, medium, high)	X (Low)	
Flow Meter Inspection		X (6)
Control Panel Inspection	X	
<b>UNDERDRAIN PUMPING SYSTEM</b>		
Pump functioning properly	X	
Flow Conditions	X (Medium)	
<b>SITE SEDIMENTATION STRUCTURES</b>		
<b>NORTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (medium)	
<b>WEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (medium)	
<b>SOUTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (medium)	
<b>SITE ROADWAYS AND DRAINAGE</b>		
Check Catch Basins for Build-up of Sediment	X	
Check Culverts for Blocked Drainage and/or damage	X	
Check Monitoring Wells for Visual Damage	X (5)	
General condition of Perimeter Roadways	X	
<b>LEACHATE PIPELINE</b>		
Check Manhole Exterior Condition	X (7)	
Check Transition Station Exterior Condition	X	
Check Aboveground Utility Line to the Transition Station	X (8)	
General condition of Leachate Pipeline Access Road	X	

## Third Inspection 2015

### COMMENTS:

- (1) Growth of cattails was noted on the south side of the Dolby I cover system, however, no standing water was observed.
- (2) Woody vegetation observed on Dolby I cover system and was most significant in downspout structures. Majority of wood is poplar/alder/birch, however, spruce/pine beginning to grow also.
- (3) Small areas of sparse vegetation (failure to thrive) on Dolby II and III landfills.
- (4) Small trees observed on Dolby III cover system near manhole D3-#6 and D3-#10.
- (5) Visual observation of wells is performed during each environmental monitoring event.
- (6) Leak Detection Flow meter is not working but the leak detection flow totalizer is working.
- (7) Leachate Transport Manhole 12 needs its cover repaired (included in bid for leachate pipeline relocation).
- (8) Trees on above ground utility lines in several locations near the transition station.

### RECOMMENDED ACTIONS:

- Consider vegetation removal within site Sedimentation Basins.
- Consider woody vegetation removal from Dolby I landfill.
- Repair Leachate Transport Pipeline Manhole 12 cover (included in bid for leachate pipeline relocation).

### ACTION TAKEN SINCE LAST REPORT:

- D&S Engineering has contacted Fairpoint for removal of trees from overhead utility line near transition station. Fairpoint told D&S Engineering that they do not typically remove trees from remote lines unless the lines are compromised.
- Dolby II and Dolby III landfills were mowed.

Second Inspection 2015

**DOLBY LANDFILL  
LANDFILL INSPECTION CHECKLIST**

Date: July 6, 2015

Time: 7:00 a.m. to 12:00 p.m.

Weather: Sunny, 80°F

Inspected By: Brian Pierce

Item	Condition	
	Ok	Not Ok
<b>DOLBY I LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding		X (1)
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X	
Mowing Required		X(2)
Germination of Trees, Deep Root Vegetation		X(2)
Animal Burrowing	X	
<b>COLLECTION PONDS</b>		
West End Pond Level (low, medium, or high)	X (Medium)	
East End Pond Level (low, medium, or high)	X (Low)	
Vegetative Build-up in Ponds (Mainly Cat Tails)		X(2)
<b>ACCESS GATES</b>		
Gates Secured and Working Properly (Facility Main Gates)	X	
Road Accessible by Vehicle	X	
<b>DOLBY II LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X(3)	
Mowing Required		X(4)
Germination of Trees, Deep Root Vegetation		X
Animal Burrowing	X	
<b>PERIMETER DRAIN CATCH BASINS</b>		
Build-up Sediment in Catch Basins	X	
Flow Conditions (low, medium, or high)	X (Medium)	
Catch Basins Intact and Serviceable	X	
<b>LEACHATE HOLDING POND</b>		
Iron Staining (wooded area east of pond)	X	
<b>DOLBY III LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X(3)	
Mowing Required		X(4)
Germination of Trees, Deep Root Vegetation		X
Poor Drainage, Ponding	X	
Animal Burrowing	X	
Access Road Condition	X	
<b>PERIMETER DRAIN AND CATCH BASINS</b>		
Build-up of Sediment in Catch Basins	X	
Valves Functioning Properly (free turning)	X	

Second Inspection 2015

Item	Condition	
	Ok	Not OK
<b>LEACHATE COLLECTION POND</b>		
<b>LINER</b>		
Condition of Liner (rips, holes, torn seams)	X	
<b>LEACHATE PUMP STATION</b>		
Build-up Sediment in Wetwells	X	
Pumps Functioning Properly (amps, noises)	X	
Valves Functioning Properly (free turning)	X	
Flow Conditions (low, medium, or high)	X	
Properly Vented	X	
Electrical Panel Inspection (corrosion, etc.)	X	
Flow Meter Inspection – Flow meter not working	X	
<b>LEAK DETECTION SYSTEM</b>		
Pump functioning properly (amps, noises)	X	
Flow Conditions (low, medium, high)	X (Low)	
Flow Meter Inspection		X (6)
Control Panel Inspection	X	
<b>UNDERDRAIN PUMPING SYSTEM</b>		
Pump functioning properly	X	
Flow Conditions	X (Medium)	
<b>SITE SEDIMENTATION STRUCTURES</b>		
<b>NORTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (medium)	
<b>WEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (medium)	
<b>SOUTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (medium)	
<b>SITE ROADWAYS AND DRAINAGE</b>		
Check Catch Basins for Build-up of Sediment	X	
Check Culverts for Blocked Drainage and/or damage	X	
Check Monitoring Wells for Visual Damage	X (5)	
General condition of Perimeter Roadways	X	
<b>LEACHATE PIPELINE</b>		
Check Manhole Exterior Condition	X (7)	
Check Transition Station Exterior Condition	X	
Check Aboveground Utility Line to the Transition Station	X (8)	
General condition of Leachate Pipeline Access Road	X	



## Second Inspection 2015

### COMMENTS:

- (1) Growth of cattails was noted on the south side of the Dolby I cover system, however, no standing water was observed.
- (2) Woody vegetation observed on Dolby I cover system and was most significant in downspout structures. Majority of wood is poplar/alder/birch, however, spruce/pine beginning to grow also.
- (3) Small areas of sparse vegetation (failure to thrive) on Dolby II and III landfills.
- (4) Some brush observed on Dolby II and III cover systems that could be mowed or removed.
- (5) Visual observation of wells is performed during each environmental monitoring event.
- (6) Leak Detection Flow meter is not working but the leak detection flow totalizer is working.
- (7) Leachate Transport Manhole 12 needs its cover repaired (included in bid for leachate pipeline relocation).
- (8) Trees on above ground utility lines in several locations near the transition station.

### RECOMMENDED ACTIONS:

- Consider mowing of Dolby II and III Landfills.
- Consider vegetation removal within site Sedimentation Basins.
- Consider woody vegetation removal from Dolby I landfill.
- Repair Leachate Transport Pipeline Manhole 12 cover.

### ACTION TAKEN SINCE LAST REPORT:

- D&S Engineering contacted Fairpoint for removal of trees from overhead utility line near transition station.

## DOLBY LANDFILL LANDFILL INSPECTION CHECKLIST

Date: May 11, 2015

Time: 8:30 a.m. – 1:00 p.m.

Weather: Clouds with Rain

Inspected By: Brian Pierce

Item	Condition	
	Ok	Not Ok
<b>DOLBY I LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding		X (1)
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X	
Mowing Required		X(2)
Germination of Trees, Deep Root Vegetation		X(2)
Animal Burrowing	X	
<b>COLLECTION PONDS</b>		
West End Pond Level (low, medium, or high)	X (Medium)	
East End Pond Level (low, medium, or high)	X (Low)	
Vegetative Build-up in Ponds (Mainly Cat Tails)	X	
<b>ACCESS GATES</b>		
Gates Secured and Working Properly (Facility Main Gates)	X	
Road Accessible by Vehicle	X	
<b>DOLBY II LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X(3)	
Mowing Required		X(4)
Germination of Trees, Deep Root Vegetation		X
Animal Burrowing	X	
<b>PERIMETER DRAIN CATCH BASINS</b>		
Build-up Sediment in Catch Basins	X	
Flow Conditions (low, medium, or high)	X (Medium)	
Catch Basins Intact and Serviceable	X	
<b>LEACHATE HOLDING POND</b>		
Iron Staining (wooded area east of pond)	X	
<b>DOLBY III LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X(3)	
Mowing Required		X(4)
Germination of Trees, Deep Root Vegetation		X
Poor Drainage, Ponding	X	
Animal Burrowing	X	
Access Road Condition	X	
<b>PERIMETER DRAIN AND CATCH BASINS</b>		
Build-up of Sediment in Catch Basins	X	
Valves Functioning Properly (free turning)	X	

First Inspection 2015

Item	Condition	
	Ok	Not OK
<b>LEACHATE COLLECTION POND</b>		
<b>LINER</b>		
Condition of Liner (rips, holes, torn seams)	X	
<b>LEACHATE PUMP STATION</b>		
Build-up Sediment in Wetwells	X	
Pumps Functioning Properly (amps, noises)	X	
Valves Functioning Properly (free turning)	X	
Flow Conditions (low, medium, or high)	X	
Properly Vented	X	
Electrical Panel Inspection (corrosion, etc.)	X	
Flow Meter Inspection	X	
<b>LEAK DETECTION SYSTEM</b>		
Pump functioning properly (amps, noises)	X	
Flow Conditions (low, medium, high)	X (Low)	
Flow Meter Inspection		X (6)
Control Panel Inspection	X	
<b>UNDERDRAIN PUMPING SYSTEM</b>		
Pump functioning properly	X	
Flow Conditions	X (Medium)	
<b>SITE SEDIMENTATION STRUCTURES</b>		
<b>NORTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (medium)	
<b>WEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (medium)	
<b>SOUTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (medium)	
<b>SITE ROADWAYS AND DRAINAGE</b>		
Check Catch Basins for Build-up of Sediment	X	
Check Culverts for Blocked Drainage and/or damage	X	
Check Monitoring Wells for Visual Damage	X (5)	
General condition of Perimeter Roadways	X	
<b>LEACHATE PIPELINE</b>		
Check Manhole Exterior Condition	X (7)	
Check Transition Station Exterior Condition	X	
Check Aboveground Utility Line to the Transition Station	X (8)	
General condition of Leachate Pipeline Access Road	X	

# First Inspection 2015

## COMMENTS:

- (1) Growth of cattails was noted on the south side of the Dolby I cover system, however, no standing water was observed.
  - (2) Woody vegetation observed on Dolby I cover system and was most significant in downspout structures. Majority of wood is poplar/alder/birch, however, spruce/pine beginning to grow also.
  - (3) Small areas of sparse vegetation (failure to thrive) on Dolby II and III landfills.
  - (4) Some brush observed on Dolby II and III cover systems that could be mowed or removed.
  - (5) Visual observation of wells is performed during each environmental monitoring event.
  - (6) Leak Detection Flow meter is not working but the leak detection flow totalizer is working.
  - (7) Leachate Transport Manhole 12 needs its cover repaired.
  - (8) Trees on above ground utility lines in several locations near the transition station.
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## RECOMMENDED ACTIONS:

- Consider mowing of Dolby II and III Landfills.
- Consider vegetation removal within site Sedimentation Basins.
- Consider woody vegetation removal from Dolby I landfill.
- Repair Leachate Transport Pipeline Manhole 12 cover.
- Contact utility to remove trees from aboveground utility lines in three or four locations near the transition station.

## ACTION TAKEN SINCE LAST REPORT:

- Woody vegetation removal was performed on Dolby II and III Landfills in late Fall 2014.
  - Drainage Channel maintenance on the east end of Cell 15/16 was performed in late Fall 2014.
  - Loose Sand was removed from the leachate pond emergency spillway Fall 2014.
  - Road Maintenance near the leachate pond and entrance road was performed in late Fall 2014.
  - Culvert Install to make a turnaround near the Leachate Pond.
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## DOLBY LANDFILL LANDFILL INSPECTION CHECKLIST

Date: October 17, 2014

Time: 9:30 a.m. – 2:00 p.m.

Weather: Clouds with Rain

Inspected By: Brian Pierce

Item	Condition	
	Ok	Not Ok
<b>DOLBY I LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding		X (1)
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X	
Mowing Required		X(2)
Germination of Trees, Deep Root Vegetation		X(2)
Animal Burrowing	X	
<b>COLLECTION PONDS</b>		
West End Pond Level (low, medium, or high)	X (low)	
East End Pond Level (low, medium, or high)	X (Dry)	
Vegetative Build-up in Ponds (Mainly Cat Tails)	X	
<b>ACCESS GATES</b>		
Gates Secured and Working Properly (Facility Main Gates)	X	
Road Accessible by Vehicle	X	
<b>DOLBY II LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X(3)	
Mowing Required		X(2, 4)
Germination of Trees, Deep Root Vegetation		X(2)
Animal Burrowing	X	
<b>PERIMETER DRAIN CATCH BASINS</b>		
Build-up Sediment in Catch Basins	X	
Flow Conditions (low, medium, or high)	X (low)	
Catch Basins Intact and Serviceable	X	
<b>LEACHATE HOLDING POND</b>		
Iron Staining (wooded area east of pond)	X	
<b>DOLBY III LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X(3)	
Mowing Required		X(2)
Germination of Trees, Deep Root Vegetation		X(2)
Poor Drainage, Ponding	X	
Animal Burrowing	X	
Access Road Condition	X	
<b>PERIMETER DRAIN AND CATCH BASINS</b>		
Build-up of Sediment in Catch Basins	X	
Valves Functioning Properly (free turning)	X	

Third Inspection 2014

Item	Condition	
	Ok	Not OK
<b>LEACHATE COLLECTION POND</b>		
<b>LINER</b>		
Condition of Liner (rips, holes, torn seams)	X	
<b>LEACHATE PUMP STATION</b>		
Build-up Sediment in Wetwells	X	
Pumps Functioning Properly (amps, noises)	X	
Valves Functioning Properly (free turning)	X	
Flow Conditions (low, medium, or high)	X	
Properly Vented	X	
Electrical Panel Inspection (corrosion, etc.)	X	
Flow Meter Inspection	X	
<b>LEAK DETECTION SYSTEM</b>		
Pump functioning properly (amps, noises)	X	
Flow Conditions (low, medium, high)	X	
Flow Meter Inspection	X	
Control Panel Inspection	X	
<b>UNDERDRAIN PUMPING SYSTEM</b>		
Pump functioning properly	X	
Flow Conditions	X	
<b>SITE SEDIMENTATION STRUCTURES</b>		
<b>NORTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (medium)	
<b>WEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (medium)	
<b>SOUTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (medium)	
<b>SITE ROADWAYS</b>		
Check Catch Basins for Build-up of Sediment	X	
Check Culverts for Blocked Drainage and/or damage	X	
Check Monitoring Wells for Visual Damage	X (5)	
General condition of Perimeter Roadways	X	

# Third Inspection 2014

## **COMMENTS:**

- (1) Growth of cattails was noted on the south side of the Dolby I cover system, however, no standing water was observed.
- (2) Woody vegetation observed on Dolby I cover system and was most significant in downspout structures. Majority of wood is poplar/alder/birch, however, spruce/pine beginning to grow also.
- (3) Small areas of sparse vegetation (failure to thrive) on Dolby II and III landfills.
- (4) Woody vegetation observed on Dolby II and III cover system and around Dolby II Leachate Holding Pond.
- (5) Visual observation of wells is performed during each environmental monitoring event.
- (6) See manhole inspection report for manhole condition.

## **RECOMMENDED ACTIONS:**

- Consider mowing of Dolby II and III Landfills.
- Woody vegetation removal on Dolby II and III Landfills will be performed during the week of October 20, 2014.
- Drainage Channel maintenance on the east end of Cell 15/16 is scheduled for the week of October 20, 2014.
- Loose Sand will be removed from the leachate pond emergency spillway during the week of October 20, 2014.
- Road Maintenance near the leachate pond and entrance road will be performed during the week of October 20, 2014.
- Consider vegetation removal within site Sedimentation Basins.
- Consider woody vegetation removal from Dolby I landfill.

## **ACTION TAKEN:**

- D&S Engineering replaced the leachate pond underdrain pump during the week of October 17, 2014.

## DOLBY LANDFILL LANDFILL INSPECTION CHECKLIST

Date: August 20 & 21, 2014

Time: Varies

Weather: Sunny & Clear, 80's

Inspected By: Brian Pierce

Item	Condition	
	Ok	Not Ok
<b>DOLBY I LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding		X (1)
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X	
Mowing Required		X(2)
Germination of Trees, Deep Root Vegetation		X(2)
Animal Burrowing	X	
<b>COLLECTION PONDS</b>		
West End Pond Level (low, medium, or high)	X (Dry)	
East End Pond Level (low, medium, or high)	X (Dry)	
Vegetative Build-up in Ponds (Mainly Cat Tails)	X	
<b>ACCESS GATES</b>		
Gates Secured and Working Properly (Facility Main Gates)	X	
Road Accessible by Vehicle	X	
<b>DOLBY II LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X(3)	
Mowing Required		X(2, 4)
Germination of Trees, Deep Root Vegetation		X(2)
Animal Burrowing	X	
<b>PERIMETER DRAIN CATCH BASINS</b>		
Build-up Sediment in Catch Basins	X	
Flow Conditions (low, medium, or high)	X (low)	
Catch Basins Intact and Serviceable	X	
<b>LEACHATE HOLDING POND</b>		
Iron Staining (wooded area east of pond)	X	
<b>DOLBY III LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X(3)	
Mowing Required		X(2)
Germination of Trees, Deep Root Vegetation		X(2)
Poor Drainage, Ponding	X	
Animal Burrowing	X	
Access Road Condition	X	
<b>PERIMETER DRAIN AND CATCH BASINS</b>		
Build-up of Sediment in Catch Basins	X	
Valves Functioning Properly (free turning)	X	



Second Inspection 2014

Item	Condition	
	Ok	Not OK
<b>LEACHATE COLLECTION POND</b>		
<b>LINER</b>		
Condition of Liner (rips, holes, torn seams)	X	
<b>LEACHATE PUMP STATION</b>		
Build-up Sediment in Wetwells	X	
Pumps Functioning Properly (amps, noises)	X	
Valves Functioning Properly (free turning)	X	
Flow Conditions (low, medium, or high)	X	
Properly Vented	X	
Electrical Panel Inspection (corrosion, etc.)	X	
Flow Meter Inspection	X	
<b>LEAK DETECTION SYSTEM</b>		
Pump functioning properly (amps, noises)	X	
Flow Conditions (low, medium, high)	X	
Flow Meter Inspection	X	
Control Panel Inspection	X	
<b>UNDERDRAIN PUMPING SYSTEM</b>		
Pump functioning properly		X(5)
Flow Conditions		X(5)
<b>SITE SEDIMENTATION STRUCTURES</b>		
<b>NORTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (low)	
<b>WEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (low)	
<b>SOUTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (med-low)	
<b>SITE ROADWAYS</b>		
Check Catch Basins for Build-up of Sediment	X	
Check Culverts for Blocked Drainage and/or damage	X	
Check Monitoring Wells for Visual Damage	X (6)	
General condition of Perimeter Roadways	X	

## Second Inspection 2014

### **COMMENTS:**

- (1) Growth of cattails was noted on the cover system, however, no standing water was observed.
- (2) Woody vegetation observed on Dolby I cover system and was most significant in downspout structures. Majority of wood is poplar/alder/birch, however, spruce/pine beginning to grow also.
- (3) Small areas of sparse vegetation (failure to thrive) on Dolby II and III landfills.
- (4) Woody vegetation observed on Dolby II and III cover system and around Dolby II Leachate Holding Pond.
- (5) Underdrain Pump works only sporadically.
- (6) Visual observation of wells performed during environmental monitoring events.
- (7) See manhole inspection report for manhole condition.

### **RECOMMENDED ACTIONS:**

- Repair/Replace Underdrain Pump
- Consider mowing of Dolby II and III Landfills.
- Consider woody vegetation removal on Dolby I, II and III Landfills and within Sedimentation Basins.
- Clean piping from CB-#5 to Drainage Manhole D3-#4, CB-#7 to D3-#2 and from CB-#9 to D3-#1.

### **ACTION TAKEN:**

- D&S Engineering has ordered underdrain pump and will replace the pump when the new one comes in.
- PSC cleaned piping from CB-#5 to Drainage Manhole D3-#4, CB-#7 to D3-#2 and from CB-#9 to D3-#1 on 8/27/2014.
- Leak Detection Pipe Boot was repaired on 8/28/2014.

## DOLBY LANDFILL LANDFILL INSPECTION CHECKLIST

Date: June 23, 2014

Time: 6:00 a.m. to 12:00 p.m.

Weather: Sunny 50's to 70's

Inspected By: Brian Pierce

Item	Condition	
	Ok	Not Ok
<b>DOLBY I LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding		X (1)
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X	
Mowing Required		X(2)
Germination of Trees, Deep Root Vegetation		X(2)
Animal Burrowing	X	
<b>COLLECTION PONDS</b>		
West End Pond Level (low, medium, or high)	X (Medium)	
East End Pond Level (low, medium, or high)	X (Low)	
Vegetative Build-up in Ponds (Mainly Cat Tails)	X	
<b>ACCESS GATES</b>		
Gates Secured and Working Properly (Facility Main Gates)	X	
Road Accessible by Vehicle	X	
<b>DOLBY II LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X(3)	
Mowing Required		X(2)
Germination of Trees, Deep Root Vegetation		X(2)
Animal Burrowing	X	
<b>PERIMETER DRAIN CATCH BASINS</b>		
Build-up Sediment in Catch Basins	X	
Flow Conditions (low, medium, or high)	X (Med-low)	
Catch Basins Intact and Serviceable	X	
<b>LEACHATE HOLDING POND</b>		
Iron Staining (wooded area east of pond)	X	
<b>DOLBY III LANDFILL</b>		
<b>COVER SYSTEM</b>		
Erosion, Channeling, Eruptions	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X	
Mowing Required		X(2)
Germination of Trees, Deep Root Vegetation		X(2)
Poor Drainage, Ponding	X	
Animal Burrowing	X	
Access Road Condition	X	
<b>PERIMETER DRAIN AND CATCH BASINS</b>		
Build-up of Sediment in Catch Basins	X	
Valves Functioning Properly (free turning)	X	

First Inspection 2014

Item	Condition	
	Ok	Not OK
<b>LEACHATE COLLECTION POND</b>		
<b>LINER</b>		
Condition of Liner (rips, holes, torn seams)	X	
<b>LEACHATE PUMP STATION</b>		
Build-up Sediment in Wetwells	X	
Pumps Functioning Properly (amps, noises)	X	
Valves Functioning Properly (free turning)	X	
Flow Conditions (low, medium, or high)	X	
Properly Vented	X	
Electrical Panel Inspection (corrosion, etc.)	X	
Flow Meter Inspection	X	
Leachate Conductivity (1550 us/sec)	X	
<b>LEAK DETECTION SYSTEM</b>		
Pump functioning properly (amps, noises)	X	
Flow Conditions (low, medium, high)		X (High)(5)
Flow Meter Inspection	X	
Control Panel Inspection	X	
Leak Detection Fluid Conductivity (800 us/sec)	X	
<b>UNDERDRAIN PUMPING SYSTEM</b>		
Pump functioning properly		X(5)
Flow Conditions		X(5)
Underdrain Fluid Conductivity (600 us/sec)	X	
<b>SITE SEDIMENTATION STRUCTURES</b>		
<b>NORTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (med-low)	
<b>WEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (med-low)	
<b>SOUTHWEST SEDIMENTATION BASIN</b>		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (med-low)	
<b>SITE ROADWAYS</b>		
Check Catch Basins for Build-up of Sediment	X	
Check Culverts for Blocked Drainage and/or damage	X	
Check Monitoring Wells for Visual Damage	X (6)	
General condition of Perimeter Roadways	X	

# First Inspection 2014

## **COMMENTS:**

- (1) Some small pockets of ponded water on cover system causing growth of cattails.
  - (2) Woody vegetation observed on Dolby I cover system and was most significant in downspout structures.
  - (3) Small areas of sparse vegetation (failure to thrive) on Dolby II and III landfills.
  - (4) Woody vegetation observed on Dolby II and III cover system and around Dolby II Leachate Holding Pond.
  - (5) Underdrain Pump not working during site inspection and increased underdrain levels are likely the cause of increased groundwater levels below the liner system and increased flow to the facility leak detection system.
  - (6) Visual observation of wells performed during environmental monitoring events.
  - (7) Catch Basins CB-#31,D3-#1, D3-#2, D3-#4, D3-#5,D3-#6, and D3-#8 inspected and found functioning properly.
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## **RECOMMENDED ACTIONS:**

- Repair Underdrain Pump
  - Consider mowing of Dolby II and III Landfills.
  - Consider woody vegetation removal on Dolby I, II and III Landfills and within Sedimentation Basins.
  - Continue to Monitor Catch Basins CB-#31,D3-#1, D3-#2, D3-#4, D3-#5,D3-#6, and D3-#8 quarterly as indicated in previous site inspections.
  - D&S Engineering noted that during April high leachate flows they could not get suction from the leachate pond Dry Hydrant. The Dry Hydrant piping should be pressure tested as part of pond cleaning and leachate line cleaning this summer.
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## **ACTION TAKEN:**

- Instructed D&S Engineering to repair underdrain pumping system this week.
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**APPENDIX D**  
**CORRECTIVE ACTION REPORTS**

**APPENDIX E**  
**STORMWATER TRAINING REPORTS**

**ANNUAL TRAINING FORM  
DOLBY LANDFILL**

Training Topics	Brief Description of Training Program/Materials (e.g., film, newsletter)	Schedule for Training (list dates)	Attendees
Spill Prevention and Response	REVIEWED	5/5/2016	BRIAN PIERCE
Good Housekeeping	PLAN IN ITS	↓	DICK ANGIOTTI
Material-Management Practices	ENTIRETY		
Routine Inspections	↓	↓	
Stormwater Monitoring (Sampling)			
Reporting/Recordkeeping			
Other Topics			



**ANNUAL TRAINING FORM  
DOLBY LANDFILL**

Training Topics	Brief Description of Training Program/Materials (e.g., film, newsletter)	Schedule for Training (list dates)	Attendees
Spill Prevention and Response	REVIEWED	5/11/2015	BRIAN PIERCE
Good Housekeeping	SWPPP		DICK ANGIOTTI
Material-Management Practices			
Routine Inspections			
Stormwater Monitoring (Sampling)			
Reporting/Recordkeeping			
Other Topics			

**ANNUAL TRAINING FORM  
DOLBY LANDFILL**

Training Topics	Brief Description of Training Program/Materials (e.g., film, newsletter)	Schedule for Training (list dates)	Attendees
Spill Prevention and Response	PLAN	6/23/2014	BRIAN PERCE
Good Housekeeping	REVIEW		DICK ANASTTI
Material-Management Practices	↓	↓	
Routine Inspections			
Stormwater Monitoring (Sampling)			
Reporting/Recordkeeping			
Other Topics	↓	↓	

**APPENDIX F**

**VISUAL MONITORING STANDARD OPERATING PROCEDURES**



Standard Operating Procedure  
Bureau of Land and Water Quality  
Date: April 20, 2006  
Revised: February 3, 2012  
Doc num: DEPLW0768

**Bureau of Land and Water Quality  
Division of Watershed Management  
Industrial Stormwater Program**

Standard Operating Procedures and Visual Monitoring Guidelines  
for Stormwater Discharges Associated With Industrial Activities.

- 1. APPLICABILITY.** This Standard Operating Procedure (SOP) applies to all industrial facilities covered under Maine's Multi-Sector General Permit (MSGP) for Stormwater Discharges Associated with Industrial Activity. Permitted facilities are required to perform quarterly visual monitoring of their stormwater discharges and record and maintain the results in the facility's Stormwater Pollution Prevention Plans (SWPPP).

Visual monitoring is not required if a facility is participating in a Department Approved Watershed Management Plan or if the facility is conducting Benchmark, Impaired Waters sampling and analysis, or Numeric monitoring for Total Suspended Solids (TSS). Visual monitoring must be resumed if Benchmark monitoring, Numeric monitoring, or Impaired Waters sampling is terminated.

- 2. PURPOSE.** This document provides guidelines for standardized collection and visual examination of quarterly visual monitoring samples for indicators of stormwater pollution as defined in Part VI of the MSGP and to provide guidelines describing standardized methods of data recording and record keeping of all quarterly visual stormwater discharge monitoring data as described in Part VI of the MSGP.

- 3. DEFINITIONS.**

- 3.1. MULTI-SECTOR GENERAL PERMIT (MSGP).** A general permit for Stormwater Discharges Associated with Industrial Activity. Authorizes the direct discharge or point source discharge of stormwater associated with industrial activity to waters of the State (other than groundwater) or to an MS4 (which discharges to waters of the State), provided the discharge meets the requirements stated in this permit. This permit is effective April 26, 2011 and expires April 25, 2016. It replaces Maine's 2005 MSGP for Industrial Activity issued October 11, 2005.
- 3.2. SWPPP. Stormwater Pollution Prevention Plan.** A written plan developed and implemented by each permitted facility to reduce or eliminate pollutants which come in contact with stormwater associated with industrial activity. This plan outlines sources of potential stormwater pollutants and the methods by which these pollutants will be reduced or prevented from entering waters of the State.
- 3.3. GRAB SAMPLE.** A single sample or collection of stormwater taken during a qualifying storm event from a single stormwater outfall. The sample may be collected manually or with an automatic sampler.

Standard Operating Procedure Guidelines For Visual Monitoring of Stormwater Discharges Associated With Industrial Activities. Division of Watershed Management, Industrial Stormwater Program



- 3.4. **OUTFALL.** The point at which any direct discharge of stormwater from an area of industrial activity enters waters of the state, an MS4, or leaves the property. Examples include discharges from ditches, swales, catch basins, culverts or pipes, rills, boat ramps, or treatment systems such as detention ponds where the discharge is a shallow concentrated flow of stormwater that leaves the property or enters waters of the State.
- 3.5. **QUALIFYING STORM EVENT.** A storm event that is either precipitation, ice or snow melt that produces a measureable discharge at an outfall that occurs at least 72 hours from a previous measureable storm event.

#### **4. RESPONSIBILITIES.**

- 4.1. **MONITORING PROGRAM IMPLEMENTATION.** The visual monitoring schedule listed below in this section is also outlined Maine's 2011 MSGP Part VI(H). Visual examinations must be clearly documented and maintained in the facility's SWPPP. The permittee shall perform and document a quarterly visual examination of industrial stormwater discharges from each outfall which discharges stormwater associated with industrial activity from the facility.
- 4.2. **OUTFALL IDENTIFICATION.** The permittee shall identify each industrial stormwater outfall at the facility. All outfalls must be clearly identified on the facility site map which is part of the facility's SWPPP and presented in the written text of the SWPPP.
- 4.3. **REPRESENTATIVE OUTFALLS.** "Representative outfalls" mean two or more outfalls with a single drainage area that discharge substantially identical effluents, have like industrial activities and significant materials, or practices occurring within the outfalls' designated drainage area. If the facility contains representative outfalls, visual monitoring may be conducted at one of the outfalls during a given monitoring period provided that subsequent samples are taken from a different outfall within the representative outfalls' drainage area. The facility is not required to monitor more than one representative outfall within a designated drainage area per monitoring event as long as the site's SWPPP contains the required information as identified in Part VI (I) of the MSGP.
- 4.4. **EMPLOYEE TRAINING.** The permittee shall ensure that all facility personnel involved in stormwater sampling are properly trained. Staff involved in sampling shall:
  - a. Be familiar with the site map and outfall locations
  - b. Walk the site to physically identify each sampling location
  - c. Become familiar with local rainfall and drainage patterns
  - d. Become competent with proper sample collection procedures

Personnel involved in sampling should also be trained in all facility safety procedures as they apply to stormwater sampling. If possible, the same individual should carry out the



collection and examination of discharges for the entire permit term. Written documentation signed by the SWPPP team leader certifying that all personnel involved in sampling have been properly trained should be documented in the SWPPP.

4.5. **SAMPLE COLLECTION FREQUENCY.** Visual examination of industrial stormwater discharges must be performed once per monitoring quarter. If a qualifying storm event does not occur at the facility for a particular monitoring quarter, the permittee is excused from visual monitoring for that quarter, provided the permittee documents in the monitoring records that no qualifying event occurred. The Visual Monitoring Form shall be used to document both qualifying and non-qualifying storm events. Schedule of monitoring quarters is listed below.

- First: January 1 – March 31
- Second: April 1 – June 30
- Third: July 1 – September 30
- Fourth: October 1 – December 31

All other time specific sampling requirements are to be performed in accordance with the parameters outlined in the procedures section of this document.

4.6. **RECORD KEEPING AND REPORTING.** The permittee shall maintain all visual monitoring reports/records onsite with the SWPPP. The permittee is not required to submit visual monitoring results to DEP unless specifically requested to do so, or if the facility is required to submit an annual report as described in Part III (D)(1) of the MSGP. Requirements for recording visual examination data are outlined in the procedures section of this document.

## 5. PROCEDURES

5.1. **SAMPLE COLLECTION TIMING.** A grab sample must be collected from each facility outfall (except representative outfalls) once per quarter during a qualifying storm event. During a qualifying storm event, a grab sample for visual examination should be collected during the first 60 minutes or as soon thereafter, but must not to exceed 2.25 hours of when runoff begins discharging from an outfall. During monitoring quarters when snow or icemelt represents the only stormwater discharge, a grab sample must also be collected during periods of significant snow or ice melt within the first 60 minutes or as soon thereafter, but not to exceed 2.25 hours of when snow or icemelt begins discharging from an outfall. Stormwater runoff from employee parking lots, administration buildings, and landscaped areas that is not mixed with stormwater associated with industrial activity, or stormwater discharges to municipal sanitary sewers does not need to be sampled.

5.2. **SAMPLE CONTAINER CLEANING AND PREPARATION.** The facility should have an adequate supply of containers prepared for collection of industrial stormwater samples

Standard Operating Procedure Guidelines For Visual Monitoring of Stormwater Discharges Associated With Industrial Activities. Division of Watershed Management, Industrial Stormwater Program



from each outfall prior to collecting samples for visual examination. All sample containers used for sampling for visual examination should be certified as clean and free of residue. After each use and for cleaning the Imhoff Settling Cone or graduated beaker. A bottle brush will aid in removing any fine sediment trapped in the bottom point of the Imhoff cone:

- Wash containers in a non-phosphate detergent and tap water wash.
- Thoroughly fill and rinse containers with tap water at least three (3) times.
- Store containers closed, and in an area free of dust and other potential sample contaminants.
- If additional containers are needed to collect samples from less accessible outfalls (e.g. buckets which are attached to poles for reaching outfalls), these containers should also be cleaned and prepared as indicated above.

5.3. **SAMPLE EXAMINATION.** Samples should be examined in clear glass or clear plastic container prepared and cleaned as indicated above, so that all visual monitoring criteria can be observed.

**MANUAL GRAB SAMPLE COLLECTION.** Manual grab samples should be collected by inserting a container under or downstream of a discharge with the container opening facing upstream, and with the opening of the container completely immersed under water, whenever possible. A sample container at least 1000 ml should be used to collect the sample. The container must be able to be submersed so that the container opening is held under water while still collecting an adequate sample size to make a correct visual inspection. In most cases the sample container can be held in hand while the sample is collected. Less accessible outfalls may require the use of poles and buckets to collect grab samples. Take the grab from the horizontal and vertical center of the outfall. If sampling in a channel, (e.g., ditch, trench, rill) avoid stirring up bottom sediments. Avoid touching the inside of the container to prevent contamination. Transfer sample to a clear glass or plastic container if using another container such as a bucket to collect a sample from a less accessible location. If taking samples from multiple outfalls, label containers with outfall identification prior to taking samples. Make sure samples are securely capped until examination.

**COLLECTION OF GRAB SAMPLES BY AUTOMATIC SAMPLER.** Facilities which use automatic samplers for stormwater sampling may collect grab samples for visual examination by this method. Programming for collecting grab samples is specific to the type of automatic sampler. All facility personnel who collect stormwater samples using automatic samplers should be properly trained in operation of the sampler before doing so. Several different types of automatic samplers are available for stormwater sampling. However, the following guidelines should be followed when sampling regardless



- of the type of sampler used. All equipment must be properly cleaned, particularly the tubing and sample containers. Deionized water should be drawn through the sampler to remove any residuals prior to taking samples. Tubing should also be periodically replaced to avoid algae or bacterial growth. Additionally, a distilled/deionized water blank sample should be taken at each outfall sampled to determine if contamination of stormwater samples by the sampling equipment has occurred. Samplers should be used in exact accordance with the manufacturers' instructions. All sampler calibration and maintenance data should be kept on site with the SWPPP.
- 5.4. **SAMPLE EXAMINATION.** Visual examination of all grab samples collected must be performed within the first sixty (60) minutes. Bring the collected samples to a well lit indoor area. Pour each sample into a separate 1 L polycarbonate plastic graduated Imhoff settling cone or 1000 ml graduated cylinder. The Imhoff settling cone or beaker should have graduations that allow volume measurement to the nearest milliliter. Record the total sample volume to the nearest milliliter on the visual monitoring form. Examine the samples for the following criteria according to the instructions provided with the visual monitoring form: Foam, odor, clarity, floating solids, suspended solids, color, oil sheen, settled solids, and any other obvious indicators of stormwater pollution. Read the settled solids 1 hour after pouring the sample into the cone, as this assures that all solids are settled out of the water. Settled solids in the bottom of the cone should be measured to the nearest milliliter.
- \*Note: Clear polycarbonate plastic Imhoff cones are available from several scientific supply companies. You may also purchase 1000 ml graduated beakers from various scientific supply companies.
- 5.5. **SAMPLE DATA RECORDING.** Record all sample data on the visual monitoring form after examining the sample for all of the criteria listed in the instructions. The form should include the examination date and time, examination personnel, the nature of the discharge (e.g., rain, snow or icemelt), identification of outfall sampled, quality of the stormwater discharge (including observations of color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and any other obvious indicators of stormwater pollution), and probable sources of any observed contamination. The permittee must sign and certify the documentation in accordance with Part VIII (E) of the Maine MSGP. All visual examination reports must be maintained with the facility SWPPP.
- 5.6. **RECOMMENDATIONS FOR SOLVING SAMPLE LOCATION PROBLEMS.** Consult guidelines listed below when it is necessary to sample an outfall located at a less than ideal location for sampling.
- **PROBLEM:** Sampling where stormwater comingles with process water or other non-stormwater discharge.





**RECOMMENDATION:** Attempt to sample the stormwater discharge before it mixes with the non-stormwater discharge. If this is impossible, sample the discharge and maintain a record of the visual examination data observed under both conditions on site with the SWPPP. This will provide an indication of the contribution of any observable contamination from each source.

- **PROBLEM:** Numerous small point channels make up an outfall from which it is difficult to collect a sample.

**RECOMMENDATION:** Impound channels or join their flow together by building a weir or digging a ditch to collect discharge at a low point for sampling. This artificial collection point should be lined with plastic or filter fabric and stone to prevent infiltration and/or high levels of sediment.

- **PROBLEM:** Inaccessible discharge point. Examples include underwater discharges or unreachable discharges (e.g., out of a cliff, steep slope or bank of a stream).

**RECOMMENDATION:** Go up the pipe to sample (e.g., to the nearest manhole or inspection point). If these are not available, tap into the pipe, or sample at several locations upstream of the pipe if the pipe is the only outfall for the facility.

- **PROBLEM:** Managing multiple sampling sites to collect grab samples during the first 60 minutes of a measurable storm event.

**RECOMMENDATION:** Have a sampling crew ready to help when forecasts indicate that a measurable storm event is likely to occur. If this is not possible, sample the missed outfall locations during other measurable storm events and record this circumstance in the SWPPP.

- **PROBLEM:** Commingling of parking lot runoff with discharge associated with industrial activity.

**RECOMMENDATION:** The combined runoff must be sampled at the discharge point as near as possible to the industrial activity or at the parking lot drain inlet if there is one.

- **PROBLEM:** Sampling in manholes.

**RECOMMENDATION:** Sample with a collection device on the end of a pole to reach stormwater. Personnel sampling in manholes should have confined space safety training and ambient air monitoring sampling devices if manholes have to be entered.

- **PROBLEM:** Run-on from other property.



Standard Operating Procedure  
Bureau of Land and Water Quality  
Date: April 20, 2006  
Revised: February 3, 2012  
Doc num: DEPLW0768

**RECOMMENDATION:** If possible, collect and examine a sample of the stormwater at the border of the property where the run-on occurs. Then, collect and examine a sample of the stormwater at a facility outfall downstream of the run-on point. Note any observable differences between the samples and maintain the documentation with the SWPPP.

- When confronted with other difficult sampling scenarios not addressed above, the permittee should consult DEP for guidance on how to best address the situation.

## **6. REFERENCES**

- 6.1. GUIDANCE MANUAL FOR THE MONITORING AND REPORTING REQUIREMENTS OF THE NPDES MULTI-SECTOR STORM WATER GENERAL PERMIT  
United States Environmental Protection Agency, Office of Water (EN-336), EPA 833-B-99-001(January, 1999)
- 6.2. NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT  
United States Environmental Protection Agency, Office of Water (EN-336), EPA 833-8-92-001 (July, 1992)
- 6.3. STATE OF MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION MULTI-SECTOR GENERAL PERMIT MAINE POLLUTANT DISCHARGE ELIMINATION SYSTEM STORMWATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY  
Maine Department of Environmental Protection, Bureau of Land and Water Quality, Waste Discharge License # W-008227-5Y-B-R (April 25, 2011)

**APPENDIX G**  
**VISUAL MONITORING REPORT INSTRUCTIONS**



Standard Operating Procedure  
Attachment A  
Bureau of Land and Water Quality  
Date: April 20, 2006  
Revised: February 2, 2012  
Doc num: DEPLW0768

### Instructions for Completing the Visual Monitoring Form

1. Completely fill out all required information on the top of the visual monitoring form.
2. Pour the sample into a 1 L clear polycarbonate Imhoff cone or 1000 ml graduated cylinder. Record the total sample volume measured in the cone or graduated cylinder to the nearest milliliter. Evaluate the sample for the following parameters according to the following instructions.
  - **Odor:** This must be recorded first. If the sample has no odor other than natural rainwater or snowmelt, write "normal" on the visual monitoring form. Note the presence of any of the following odors if detected: Gasoline, diesel, oil, solvents (WD-40, other petroleum products, etc.), landfill, fishy, glycol, any other unusual odors not normally present in clean stormwater runoff from the area(s) sampled.
  - **Foam:** This must be recorded second. Examine the sample for foam immediately after pouring it into the cone. Record foam results on the visual monitoring form as they most closely match one of the descriptions listed below.
    - i. **None**-Most bubbles break down within ten (10) seconds of pouring; only a few large bubbles persist longer than ten (10) seconds.
    - ii. **Moderate**-Many small bubbles are present but these bubbles persist for less than two (minutes) after pouring.
    - iii. **High**-Many small bubbles are present and they persist longer than two (2) minutes after pouring.
3. Examine the sample for the following criteria after it has settled for ten (10) minutes. Record the results on the visual monitoring form as they most closely match the descriptions listed below.
  - **Color:** Record the best description of the sample color in the appropriate space on the visual monitoring form.
  - **Clarity:** Record sample clarity results as they most closely match one of the descriptions listed below.
    - i. **Clear**-Sample doesn't filter out any light, can be seen through regardless of color.
    - ii. **Cloudy**-Sample filters out some light; not clear but objects can still be identified when looking through the cone.
    - iii. **Very Cloudy**-Sample filters out most light; objects are indiscernible when looking through the cone.



**APPENDIX H**  
**VISUAL MONITORING REPORTS**

Storm water Monitoring for the months of January, February, March and April were suspended due to snow and ice covering outfalls also part of December. All other Months are included in this folder.

Richard Angotti

A handwritten signature in cursive script, appearing to read "Richard Angotti". The signature is written in black ink and is positioned below the printed name.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: .765 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: May 17, 2014

Note: Completed forms shall be filed in Appendix 8 of this Plan.



**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number: \_\_\_\_\_

Time Since Last Measurable Storm: \_\_\_\_\_

Rainfall measured on Rain Gauge: 1.548 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
			<b>Observations</b>		
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: June 17, 2014

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: *Dolby Landfill*

Facility Address: *Route 157, East Millinocket, Maine 04430*

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: *1.548 inches of rain*

Sampler's Name: *Richard Angotti*

Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: *Richard Angotti*  Date: *June 25, 2014*

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: *Dolby Landfill*

Facility Address: *Route 157, East Millinocket, Maine 04430*

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: *1.525 inches of rain*

Sampler's Name: *Richard Angotti*

Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: *Richard Angotti*  Date: *July 4, 2014*

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: *Dolby Landfill*

Facility Address: *Route 157, East Millinocket, Maine 04430*

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: *.934 inches of rain*

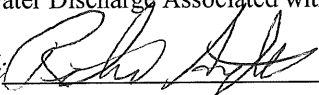
Sampler's Name: *Richard Angotti*

Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: none

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: *Richard Angotti*  Date: *July 15, 2014*

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: .718 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: none

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: July 28, 2014

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number: \_\_\_\_\_

Time Since Last Measurable Storm: \_\_\_\_\_

Rainfall measured on Rain Gauge: 2.212 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
<b>Observations</b>					
Effluent Parameters	Limits	Sample Type	Outfall 1	Outfall 2	Outfall 3
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: none

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Aug. 13, 14, 2014

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number: \_\_\_\_\_

Time Since Last Measurable Storm: \_\_\_\_\_

Rainfall measured on Rain Gauge: .750 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Oct. 4, 2014

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: 1.358 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Oct. 7, 2014

Note: Completed forms shall be filed in Appendix 8 of this Plan.



**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: 1.287 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
			<b>Observations</b>		
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	Some	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

Leaf fragments in sample

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti *Richard Angotti* Date: Oct. 16, 2014

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: *Dolby Landfill*

Facility Address: *Route 157, East Millinocket, Maine 04430*

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: *2.212 inches of rain*

Sampler's Name: *Richard Angotti*

Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	Some	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: *Richard Angotti* \_\_\_\_\_ Date: *Oct. 23, 2014*

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: .665 inches of rain

Sampler's Name: Richard Angotti

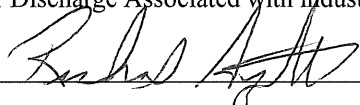
Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
			<b>Observations</b>		
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	Some	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Nov 24, 2014

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: 3.051 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	Some	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

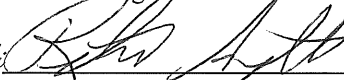
Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Clear as a fresh snow.

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Dec 10, 2014

Note: Completed forms shall be filed in Appendix 8 of this Plan.

Storm water Monitoring for the months of January, February, March and April were suspended due to snow and ice covering outfalls also part of December. All other Months are included in this folder.

Richard Angotti

A handwritten signature in black ink, appearing to read "Richard Angotti". The signature is written in a cursive style with a large initial "R" and "A".

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: .975 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
			<b>Observations</b>		
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_  
 \_\_\_\_\_  
 None

Comments/Recommended Actions: NONE

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: May 10, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: .745 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
			<b>Observations</b>		
Effluent Parameters	Limits	Sample Type	Outfall 1	Outfall 2	Outfall 3
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_  
None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: May 19, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: .730 inches of rain

Sampler's Name: Richard Angotti

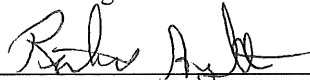
Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
<b>Observations</b>					
Effluent Parameters	Limits	Sample Type	Outfall 1	Outfall 2	Outfall 3
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: May 27, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.



**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: 1.083 inches of rain

Sampler's Name: Richard Angotti

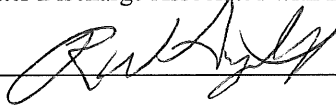
Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
<b>Observations</b>					
Effluent Parameters	Limits	Sample Type	Outfall 1	Outfall 2	Outfall 3
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: \_\_\_\_\_ None \_\_\_\_\_

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: June 12, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: 1.630 inches of rain

Sampler's Name: Richard Angotti

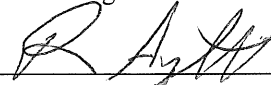
Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
			<b>Observations</b>		
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: June 20, 21, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: .926 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
<b>Observations</b>					
Effluent Parameters	Limits	Sample Type	Outfall 1	Outfall 2	Outfall 3
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

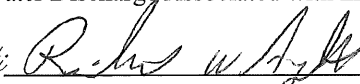
Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: \_\_\_\_\_

None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: June 28, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number: \_\_\_\_\_

Time Since Last Measurable Storm: \_\_\_\_\_

Rainfall measured on Rain Gauge: .772 inches of rain

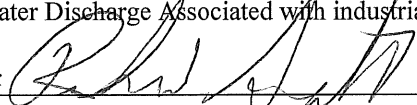
Sampler's Name: Richard Angotti

Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
<b>Observations</b>					
Effluent Parameters	Limits	Sample Type	Outfall 1	Outfall 2	Outfall 3
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_  
None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: July 20, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: 1.625 inches of rain

Sampler's Name: Richard Angotti

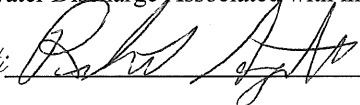
Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
			<b>Observations</b>		
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: July 24, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: .820 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge, Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Aug 11, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: 1.711 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
<b>Observations</b>					
Effluent Parameters	Limits	Sample Type	Outfall 1	Outfall 2	Outfall 3
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	Some	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: Some debris from sample grab.

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Aug 21, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: 1.630 inches of rain

Sampler's Name: Richard Angotti

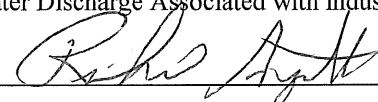
Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
			<b>Observations</b>		
Effluent Parameters	Limits	Sample Type	Outfall 1	Outfall 2	Outfall 3
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Aug 25, 26, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.



**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: 1.087 inches of rain

Sampler's Name: Richard Angotti

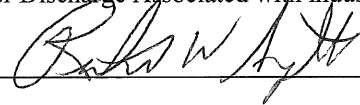
Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
			<b>Observations</b>		
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Sept. 10, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number: \_\_\_\_\_

Time Since Last Measurable Storm: \_\_\_\_\_

Rainfall measured on Rain Gauge: 1.083 inches of rain

Sampler's Name: Richard Angotti

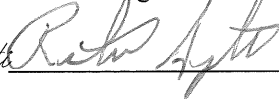
Observation Time: <u>8 AM</u>		EST Time From Onset of Runoff: <u>24Hours</u>			
Sample Volume (ml): <u>1000ml</u>					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Sept. 13, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: 6.741 inches of rain

Sampler's Name: Richard Angotti

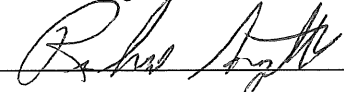
Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: Heavy Rain but landfill conditions held everything well. No erosion.

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Sept. 29, 30, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: .675 inches of rain

Sampler's Name: Richard Angotti

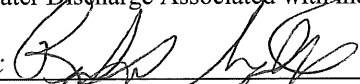
Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Oct. 9, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number: \_\_\_\_\_

Time Since Last Measurable Storm: \_\_\_\_\_

Rainfall measured on Rain Gauge: 2.646 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
			<b>Observations</b>		
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Oct. 28, 29, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number: \_\_\_\_\_

Time Since Last Measurable Storm: \_\_\_\_\_

Rainfall measured on Rain Gauge: 1.808 inches of rain

Sampler's Name: Richard Angotti

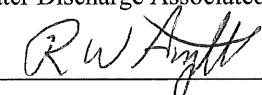
Observation Time: <u>8 AM</u>			EST Time From Onset of Runoff: <u>24Hours</u>		
Sample Volume (ml): <u>1000ml</u>					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Nov 20, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: .686 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None

Comments/Recommended Actions: Difficulty getting samples due to freezing. Was able to get all three outfalls.

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Dec 2, 2015

Note: Completed forms shall be filed in Appendix 8 of this Plan.

Storm water Monitoring for the months of January, February, were suspended due to snow and ice covering outfalls also December. All other Months are included in this folder. This year with the drought conditions we saw the settling ponds dry up due to the contractor using what water was in them for dust control during covering operations at landfill. It took until late November before all 3 settling ponds had an outflow.

Richard Angotti

A handwritten signature in black ink, appearing to read "Richard Angotti", written in a cursive style.



**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number: \_\_\_\_\_

Time Since Last Measurable Storm: \_\_\_\_\_

Rainfall measured on Rain Gauge: 1.59 inches in 24 hours

Sampler's Name: Richard Angotti

Observation Time: <u>8 AM</u>		EST Time From Onset of Runoff: <u>24Hours</u>			
Sample Volume (ml): <u>1000ml</u>					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

Comments/Recommended Actions: \_\_\_\_\_

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: March 28, 2016

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number: \_\_\_\_\_

Time Since Last Measurable Storm: \_\_\_\_\_

Rainfall measured on Rain Gauge: 1.865 inches on the 7<sup>th</sup> and .596 on the 8<sup>th</sup>. In 24 hours 2.461 in.

Sampler's Name: Richard Angotti

Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

\_\_\_\_\_ None Rain was steady with no erosion.

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: April 7, 8 2016

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: *Dolby Landfill*

Facility Address: *Route 157, East Millinocket, Maine 04430*

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: *.758*

Sampler's Name: *Richard Angotti*

Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

\_\_\_\_\_ None \_\_\_\_\_

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: *Richard Angotti*  \_\_\_\_\_ Date: *April 12 2016*

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: .727

Sampler's Name: Richard Angotti

Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
<b>Observations</b>					
Effluent Parameters	Limits	Sample Type	Outfall 1	Outfall 2	Outfall 3
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	Some	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

None      Leaf debris

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: May 2, 2016

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: .536

Sampler's Name: Richard Angotti

Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
			<b>Observations</b>		
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

\_\_\_\_\_ None \_\_\_\_\_

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: May 13, 2016

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number: \_\_\_\_\_

Time Since Last Measurable Storm: \_\_\_\_\_

Rainfall measured on Rain Gauge: .750

Sampler's Name: Richard Angotti

Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
			<b>Observations</b>		
Effluent Parameters	Limits	Sample Type	Outfall 1	Outfall 2	Outfall 3
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

\_\_\_\_\_ None \_\_\_\_\_

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: May 15, 2016

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: 1.131 inches

Sampler's Name: Richard Angotti

Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
			<b>Observations</b>		
Effluent Parameters	Limits	Sample Type	Outfall 1	Outfall 2	Outfall 3
Color	Monitor Only	Grab	Clear	Clear	Clear
Clarity	Monitor Only	Grab	Clear	Clear	Clear
Odor	Monitor Only	Grab	None	None	None
Suspended Solids	Monitor Only	Grab	None	None	None
Settled Solids	Monitor Only	Grab	None	None	None
Floating Solids	Monitor Only	Grab	None	None	None
Foam	Monitor Only	Grab	None	None	None
Oil Sheen	Monitor Only	Grab	None	None	None

Possible sources of any observed storm-water contamination: \_\_\_\_\_  
None

Comments/Recommended Actions: None  
 \_\_\_\_\_  
 \_\_\_\_\_

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: June 5, 2016

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number: \_\_\_\_\_

Time Since Last Measurable Storm: \_\_\_\_\_

Rainfall measured on Rain Gauge: 1.606 inches

Sampler's Name: Richard Angotti

Observation Time: <u>8 AM</u>		EST Time From Onset of Runoff: <u>24Hours</u>			
Sample Volume (ml): <u>1000ml</u>					
			<b>Observations</b>		
Effluent Parameters	Limits	Sample Type	Outfall 1	Outfall 2	Outfall 3
Color	Monitor Only	Grab			Cream
Clarity	Monitor Only	Grab			Cloudy
Odor	Monitor Only	Grab			None
Suspended Solids	Monitor Only	Grab			None
Settled Solids	Monitor Only	Grab			None
Floating Solids	Monitor Only	Grab			None
Foam	Monitor Only	Grab			None
Oil Sheen	Monitor Only	Grab			None

Possible sources of any observed storm-water contamination: \_\_\_\_\_

No discharge from outfall 1 and 2 because of the dry conditions and contractor using the water from the ponds. Outfall 3 had discharge because of construction and closing of the active cells.

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: June 5, 2016

Note: Completed forms shall be filed in Appendix 8 of this Plan.



**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number: \_\_\_\_\_

Time Since Last Measurable Storm: \_\_\_\_\_

Rainfall measured on Rain Gauge: over 3 days 1.606 inches

Sampler's Name: Richard Angotti

Observation Time: 8AM		EST Time From Onset of Runoff: 24hours			
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab			cream
Clarity	Monitor Only	Grab			cloudy
Odor	Monitor Only	Grab			None
Suspended Solids	Monitor Only	Grab			Mud
Settled Solids	Monitor Only	Grab			None
Floating Solids	Monitor Only	Grab			None
Foam	Monitor Only	Grab			None
Oil Sheen	Monitor Only	Grab			None

Possible sources of any observed storm-water contamination: Landfill closing construction

Comments/Recommended Actions: All control measures were in place by contractor. Only settling pond 3 had a water release due to storm. This pond was just rebuilt and landfill covering was in place causing heave runoff at that site.

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature:  Date: 8/14/2016

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number: \_\_\_\_\_

Time Since Last Measurable Storm: \_\_\_\_\_

Rainfall measured on Rain Gauge: .958 inches in 24 hours

Sampler's Name: Richard Angotti

Observation Time: 8AM		EST Time From Onset of Runoff: 24hours			
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab			cream
Clarity	Monitor Only	Grab			cloudy
Odor	Monitor Only	Grab			None
Suspended Solids	Monitor Only	Grab			Mud
Settled Solids	Monitor Only	Grab			None
Floating Solids	Monitor Only	Grab			None
Foam	Monitor Only	Grab			None
Oil Sheen	Monitor Only	Grab			None

Possible sources of any observed storm-water contamination: Landfill closing construction

Comments/Recommended Actions: \_\_\_\_\_

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature:  Date: 8/14/2016

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: .702 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab			Clear
Clarity	Monitor Only	Grab			Cloudy
Odor	Monitor Only	Grab			None
Suspended Solids	Monitor Only	Grab			Mud
Settled Solids	Monitor Only	Grab			None
Floating Solids	Monitor Only	Grab			None
Foam	Monitor Only	Grab			None
Oil Sheen	Monitor Only	Grab			None

Possible sources of any observed storm-water contamination: Landfill Closing Construction

No outflow for 1 and 2 outfalls

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Sept. 11, 2016

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number: \_\_\_\_\_

Time Since Last Measurable Storm: \_\_\_\_\_

Rainfall measured on Rain Gauge: 2.250 inches of rain

Sampler's Name: Richard Angotti


Observation Time: <u>8 AM</u>		EST Time From Onset of Runoff: <u>24Hours</u>			
Sample Volume (ml): <u>1000ml</u>					
<b>Observations</b>					
<b>Effluent Parameters</b>	<b>Limits</b>	<b>Sample Type</b>	<b>Outfall 1</b>	<b>Outfall 2</b>	<b>Outfall 3</b>
Color	Monitor Only	Grab			Clear
Clarity	Monitor Only	Grab			Cloudy
Odor	Monitor Only	Grab			None
Suspended Solids	Monitor Only	Grab			Trace
Settled Solids	Monitor Only	Grab			None
Floating Solids	Monitor Only	Grab			None
Foam	Monitor Only	Grab			None
Oil Sheen	Monitor Only	Grab			None

Possible sources of any observed storm-water contamination: Landfill Closing Construction

No outflow for 1 and 2 outfalls

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Oct. 21, 22, 2016

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: .917 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
			<b>Observations</b>		
Effluent Parameters	Limits	Sample Type	Outfall 1	Outfall 2	Outfall 3
Color	Monitor Only	Grab			Clear
Clarity	Monitor Only	Grab			Clear
Odor	Monitor Only	Grab			None
Suspended Solids	Monitor Only	Grab			None
Settled Solids	Monitor Only	Grab			None
Floating Solids	Monitor Only	Grab			None
Foam	Monitor Only	Grab			None
Oil Sheen	Monitor Only	Grab			None

Possible sources of any observed storm-water contamination: Landfill Closing Construction

No outflow for 1 and 2 outfalls

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Nov. 15, 2016

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: .919 inches of rain

Sampler's Name: Richard Angotti

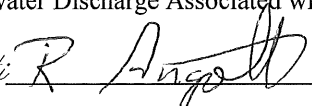
Observation Time: 8 AM			EST Time From Onset of Runoff: 24Hours		
Sample Volume (ml): 1000ml					
			<b>Observations</b>		
Effluent Parameters	Limits	Sample Type	Outfall 1	Outfall 2	Outfall 3
Color	Monitor Only	Grab			Clear
Clarity	Monitor Only	Grab			Clear
Odor	Monitor Only	Grab			None
Suspended Solids	Monitor Only	Grab			None
Settled Solids	Monitor Only	Grab			None
Floating Solids	Monitor Only	Grab			None
Foam	Monitor Only	Grab			None
Oil Sheen	Monitor Only	Grab			None

Possible sources of any observed storm-water contamination: Landfill Closing Construction

No outflow for 1 and 2 outfalls

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Nov. 17, 2016

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**STORM-WATER VISUAL MONITORING REPORT FORM**

Facility Name: Dolby Landfill

Facility Address: Route 157, East Millinocket, Maine 04430

MSGP Permit Number:

Time Since Last Measurable Storm:

Rainfall measured on Rain Gauge: 1.004 inches of rain

Sampler's Name: Richard Angotti

Observation Time: 8 AM		EST Time From Onset of Runoff: 24Hours			
Sample Volume (ml): 1000ml					
<b>Observations</b>					
Effluent Parameters	Limits	Sample Type	Outfall 1	Outfall 2	Outfall 3
Color	Monitor Only	Grab		Clear	Clear
Clarity	Monitor Only	Grab		Clear	Clear
Odor	Monitor Only	Grab		None	None
Suspended Solids	Monitor Only	Grab		None	None
Settled Solids	Monitor Only	Grab		None	None
Floating Solids	Monitor Only	Grab		None	None
Foam	Monitor Only	Grab		None	None
Oil Sheen	Monitor Only	Grab		None	None

Possible sources of any observed storm-water contamination: Landfill Closing Construction

No outflow for #1 outfall

Comments/Recommended Actions: None

Under penalty of law I certify that these statements are true and correct pursuant to the terms and conditions stated in the MPDES Multi-Sector General Permit for Storm water Discharge Associated with industrial activity.

Sampler's Signature: Richard Angotti  Date: Nov. 27, 2016

Note: Completed forms shall be filed in Appendix 8 of this Plan.

**APPENDIX I**  
**ANNUAL REPORTS**





# Maine's Multi-Sector General Annual Report Form (2016)

Facility Name:	DOLBY LANDFILL FACILITY				
Permit Number:	014-06A-1751-142				
Contact Person:	MR. MATT MUZZY				
Phone:	(207) 829-5016	Ext:	NA	Email:	MMUZZY@SME.MAINE.GOV
Annual Report Date:					

### B. Facility Information

1. Have there been any changes to the facility's Stormwater Pollution Prevention Plan? Yes  No

If YES, explain:

NA

2. Has Quarterly Visual Monitoring been performed and documented as required? Yes  No

If NO, explain why not:

WINTER MONITORING WAS NOT PERFORMED DUE TO FROZEN CONDITIONS

Please summarize Visual Monitoring details including any corrective actions taken.  
(If your facility has more than 3 outfalls please use additional form)

Outfall 1:  
Clear or Dry all year

Outfall 2:  
Clear or Dry all year

Outfall 3:  
Clear all year then cloudy from June to October due to cover construction (26 Acres) upgradient of the sediment Pond 3.

3. Have Quarterly Site Inspections been preformed and documented as required? Yes  No

If NO, explain why not:

LACK OF ACCESS DURING JAN/FEB/MARCH PERIOD  
SO INSPECTION WAS NOT PERFORMED DURING THIS PERIOD.

Please summarize site inspection details including any corrective actions taken.

4. Have Benchmark Monitoring values exceeded MSGP limits? NA  Yes  No

If YES, explain what corrective actions are planned or have been taken:

NA

6. Have Impaired Waters' Monitoring been preformed as required? NA  Yes  No

Please describe any corrective actions taken if values exceeded limits or planned participation in a watershed management group.

NA

Structural BMP:

BMP	Location	Function (poor, fair, excellent)	Maintenance Completed Date	Maintenance Planned Date
SEDIMENT POND 1	S.W. OF DOLBY III LANDFILL	EXCELLENT	CLEANING - JUNE 2016	WHEN NECESSARY
SEDIMENT POND 2	WEST OF DOLBY III LANDFILL CELL 1	EXCELLENT	CLEANING - JUNE 2016	WHEN NECESSARY
SEDIMENT POND 3	WEST OF DOLBY III LANDFILL CELL 9	EXCELLENT	CLEANING - JUNE 2016	WHEN NECESSARY

7. Have any spills occurred at the facility? NA  Yes  No

IF YES, please note the location and explain any corrective actions taken.

NA

NA

8. Has an inspection been performed to determine the presence of any non-stormwater discharges?  
(The non-stormwater certification below must be signed) Yes  No

Was any non-stormwater discharges identified? Yes  No

IF YES, explain

NA

Are the non-stormwater discharges authorized under the MSGP? NA Yes  No

List all corrective actions for unauthorized non-stormwater discharges.

NA

All stormwater outfalls at this facility have been evaluated and found to be free of non-stormwater discharges for this permit year.

Name: BRIAN PIERCE Date: 2/27/2017

Signature: Brian Pierce

Signature of Responsible Official: 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 submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering 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 fines and imprisonment for knowingly violating the law.

Name: BRIAN PIERCE Date: 2/27/2017

Signature: Brian Pierce



# Maine's Multi-Sector General Annual Report Form (2015)

Facility Name:	DOLBY LANDFILL FACILITY				
Permit Number:	014-06A-1751-142				
Contact Person:	Mr. Matt Muzzy				
Phone:	(207) 829-5016	Ext:	NA	Email:	MMUZZY@SMEMAINE.COM
Annual Report Date:					

## B. Facility Information

1. Have there been any changes to the facility's Stormwater Pollution Prevention Plan? Yes  No

If YES, explain:

2. Has Quarterly Visual Monitoring been performed and documented as required? Yes  No

If NO, explain why not:

NO WINTER SAMPLING B/C OF FROZEN OUTFALLS

Please summarize Visual Monitoring details including any corrective actions taken.  
(If your facility has more than 3 outfalls please use additional form)

Outfall 1: Clear all year

Outfall 2: Clear all year

Outfall 3: Clear all year

3. Have Quarterly Site Inspections been performed and documented as required?

Yes  No

If NO, explain why not:

SITE NOT ACCESSIBLE JAN-FEB-MARCH THEREFORE  
NO INSPECTION WAS PERFORMED.

Please summarize site inspection details including any corrective actions taken.

SITE IS IN GOOD SHAPE AND NO CORRECTIVE ACTIONS HAVE BEEN  
TAKEN.

4. Have Benchmark Monitoring values exceeded MSGP limits?

NA  Yes  No

If YES, explain what corrective actions are planned or have been taken:

NA

6. Have Impaired Waters' Monitoring been performed as required?

NA  Yes  No

Please describe any corrective actions taken if values exceeded limits or planned participation in a watershed management group.

NA

Structural BMP:

BMP	Location	Function (poor, fair, excellent)	Maintenance Completed Date	Maintenance Planned Date
SEDIMENT POND 1	SW OF DOLBY III LANDFILL	EXCELLENT	NA	WHEN NECESSARY
SEDIMENT POND 2	WEST OF DOLBY III LANDFILL CELL 1	EXCELLENT	NA	WHEN NECESSARY
SEDIMENT POND 3	WEST OF DOLBY III LANDFILL CELL 9	EXCELLENT	NA	WHEN NECESSARY

7. Have any spills occurred at the facility?

NA  Yes  No

IF YES, please note the location and explain any corrective actions taken.

NA

8. Has an inspection been performed to determine the presence of any non-stormwater discharges?  
(The non-stormwater certification below must be signed) Yes  No

Was any non-stormwater discharges identified? Yes  No

IF YES, explain

NA

Are the non-stormwater discharges authorized under the MSGP? NA Yes  No

List all corrective actions for unauthorized non-stormwater discharges.

NA

All stormwater outfalls at this facility have been evaluated and found to be free of non-stormwater discharges for this permit year.

Name: BRIAN PIERCE Date: 2/16/2016

Signature: Brian Pierce

Signature of Responsible Official: 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 submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering 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 fines and imprisonment for knowingly violating the law.

Name: BRIAN PIERCE Date: 2/16/2016

Signature: Brian Pierce



# Maine's Multi-Sector General Annual Report Form (2014)

Facility Name:	DOLBY LANDFILL				
Permit Number:	014-06A-1751-142				
Contact Person:	MR. MATT MUZZY				
Phone:	(207) 829-5016	Ext:	NA	Email:	MMUZZY@SMEMaine.COM
Annual Report Date:	JANUARY 6, 2015 (REPORT FOR 2014)				

## B. Facility Information

1. Have there been any changes to the facility's Stormwater Pollution Prevention Plan? Yes  No

If YES, explain:

NA

2. Has Quarterly Visual Monitoring been performed and documented as required? Yes  No

If NO, explain why not:

Please summarize Visual Monitoring details including any corrective actions taken.  
(If your facility has more than 3 outfalls please use additional form)

Outfall 1:  
ALL CLEAN & CLEAR

Outfall 2:  
ALL CLEAN & CLEAR

Outfall 3:  
ALL CLEAN & CLEAR

3. Have Quarterly Site Inspections been performed and documented as required?

Yes  No

If NO, explain why not:

THE SITE IS NOT ACCESSIBLE DURING WINTER THEREFORE THE  
JAN-FEB-MARCH INSPECTION WAS NOT PERFORMED.

Please summarize site inspection details including any corrective actions taken.

SITE IS STABLE AND NO ISSUES WERE ENCOUNTERED  
THEREFORE NO CORRECTIVE ACTIONS WERE TAKEN.

4. Have Benchmark Monitoring values exceeded MSGP limits?

NA  Yes  No

If YES, explain what corrective actions are planned or have been taken:

NA

6. Have Impaired Waters' Monitoring been performed as required?

NA  Yes  No

Please describe any corrective actions taken if values exceeded limits or planned participation in a watershed management group.

NA

Structural BMP:

BMP	Location	Function (poor, fair, excellent)	Maintenance Completed Date	Maintenance Planned Date
SEDIMENT POND 1	SW OF DOLBY III LANDFILL	EXCELLENT	NA	TO BE DETERMINED
SEDIMENT POND 2	WEST OF DOLBY III CELL 1	EXCELLENT	NA	TO BE DETERMINED
SEDIMENT POND 3	WEST OF DOLBY III CELL 9	EXCELLENT	NA	TO BE DETERMINED.

7. Have any spills occurred at the facility?

NA  Yes  No

IF YES, please note the location and explain any corrective actions taken.

NA



8. Has an inspection been performed to determine the presence of any non-stormwater discharges?  
(The non-stormwater certification below must be signed) Yes  No

Was any non-stormwater discharges identified? Yes  No

IF YES, explain

NA

Are the non-stormwater discharges authorized under the MSGP? NA Yes  No

List all corrective actions for unauthorized non-stormwater discharges.

NA

All stormwater outfalls at this facility have been evaluated and found to be free of non-stormwater discharges for this permit year.

Name: BRIAN PIERCE Date: 1/6/2015

Signature: Brian Pierce

Signature of Responsible Official: 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 submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering 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 fines and imprisonment for knowingly violating the law.

Name: BRIAN PIERCE Date: 1/6/2015

Signature: Brian Pierce

**APPENDIX J**

**STORMWATER POLLUTION PREVENTION PLAN  
REVISION LOG SHEET**



**APPENDIX K**

**MATERIALS, ACTIVITIES AND BEST  
MANAGEMENT PRACTICES**

**MATERIALS, ACTIVITIES & BEST MANAGEMENT PRACTICES  
DOLBY LANDFILL**

<b>Material</b>	<b>Activity/ Use</b>	<b>Quantity Stored</b>	<b>Potential Pollutant</b>	<b>Likelihood of contact with storm water?</b>	<b>Existing BMPs/Conditions</b>	<b>Recommended Future BMPs</b>
Vehicles/Equipment	Washing	Not applicable	Salt, Grease, Oils, Detergent	None	No washing of vehicles or equipment occurs on-site.	Continue practice.
Vehicles/Equipment	Storage	Not applicable	Engine Oil, Hydraulic Fluid	Low	Equipment used on-site is limited to periodic use of bulldozer to spread waste within active cell or short-term equipment use to develop and close out the landfill. No long-term storage of equipment or vehicles occurs on-site.	Continue practice.
Fertilizer/Herbicide/Pesticides	Storage/Use	Not applicable	Fertilizers, Herbicides, Pesticides	Low	No Fertilizers, Herbicides, Pesticides are used with the exception of fertilizer used in accordance with BMPs to establish grass growth on areas disturbed during construction activity at the site.	Continue practice.
Earthmoving	Disturbance (including new cover construction)	Not applicable	Oil, Total Settleable Solids (TSS), and Total Dissolved Solids (TDS)	Medium	<ul style="list-style-type: none"> <li>• Sediment/Erosion Control Plan implemented during construction.</li> <li>• Sediment pond used to limit sediment discharges.</li> </ul>	Continue use of BMP Sediment/Erosion Control measures.
Landfill – Material Storage	Storage	Not applicable	TSS, TDS	Low	No storage materials outside of the active cell limits occurs at the site during normal operations. Material storage outside of the active limits of the landfill associated with landfill construction activities. Follow BMPs requirements for temporary storage of soil materials.	Continue use of BMP Sediment/Erosion Control measures.
Landfill – Active Areas	---	---	Leachate, TSS, TDS	Low	Berms direct runoff to leachate collection system. General operations structured to minimize breakouts of leachate, erosion, and litter.	None necessary.
Landfill – Intermediate Cover and Closed Areas	---	---	TSS, TDS, Leachate Breakouts	Low	Inspections, required groundwater and surface water monitoring.	None necessary.

**APPENDIX L**

**MULTI-SECTOR GENERAL PERMIT  
AND SECTOR L REGULATIONS**

**STATE OF MAINE**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**Multi-Sector General Permit – Stormwater Discharge  
Associated With Industrial Activity**

**Maine Pollutant Discharge Elimination System Permit  
Maine Waste Discharge License**



Bureau of Water Quality

**Final Permit - December 2016**

MEPDES Permit #MER050000  
Waste Discharge License #W008227-MN-C-R

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

MULTI-SECTOR GENERAL PERMIT – STORMWATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY

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ATTACHMENT A – SIC/NAICS Codes Covered by the General Permit

APPENDIX A. Sector A: Timber Products
APPENDIX B. Sector B: Paper and Allied Products Manufacturing
APPENDIX C. Sector C: Chemical and Allied Products Manufacturing, and Refining
APPENDIX D. Sector D: Asphalt Paving and Roofing Materials and Lubricant Manufacturers
APPENDIX E. Sector E: Glass, Clay, Cement, Concrete, and Gypsum Products
APPENDIX F. Sector F: Primary Metals
APPENDIX G. Sector G: Metal Mining
APPENDIX H. Sector H: Coal Mines and Coal Mining-Related Facilities
APPENDIX I. Sector I: Oil and Gas Extraction
APPENDIX J. Sector J: Non-Metallic Mineral Mining and Dressing
APPENDIX K. Sector K: Hazardous Waste Treatment, Storage, or Disposal
APPENDIX L. Sector L: Landfills, Land Application Sites, and Open Dumps
APPENDIX M. Sector M: Automobile Salvage Yards
APPENDIX N. Sector N: Scrap Recycling and Waste Recycling
APPENDIX O. Sector O: Steam Electric Power Generating Facilities



APPENDIX P. Sector P: Land Transportation and Warehousing  
APPENDIX Q. Sector Q: Water Transportation  
APPENDIX R. Sector R: Ship and Boat Building and Repair Yards  
APPENDIX S. Sector S: Air Transportation  
APPENDIX T. Sector T: Treatment Works  
APPENDIX U. Sector U: Food and Kindred Products  
APPENDIX V. Sector V: Textile Mills, Apparel, and Other Fabric Products  
APPENDIX W. Sector W: Furniture and Fixtures  
APPENDIX X. Sector X: Printing and Publishing  
APPENDIX Y. Sector Y: Rubber, Miscellaneous Plastic Products, and Miscellaneous  
Manufacturing Industries  
APPENDIX Z. Sector Z: Leather Tanning and Finishing  
APPENDIX AA. Sector AA: Fabricated Metal Products  
APPENDIX AB. Sector AB: Transportation Equipment, Industrial or Commercial Machinery  
APPENDIX AC. Sector AC: Electronic, Electrical Equipment and Components Photographic  
and Optical Goods  
APPENDIX AD: Sector AD: Stormwater Designated by the Department as Requiring a Permit

STANDARD CONDITIONS

FACT SHEET



DEPARTMENT ORDER

IN THE MATTER OF

MULTI-SECTOR GENERAL PERMIT FOR ) MAINE POLLUTANT DISCHARGE  
STORMWATER DISCHARGE ASSOCIATED ) ELIMINATION SYSTEM PERMIT  
WITH INDUSTRIAL ACTIVITY )  
STATE OF MAINE ) AND  
#MER050000 ) WASTE DISCHARGE LICENSE  
#W008227-MN-C-R ) **APPROVAL** ) **RENEWAL**

In compliance with applicable provisions of *Pollution Control*, 38 M.R.S. §§ 411 – 424-B, *Water Classification Program*, 38 M.R.S. §§ 464 – 470 and *Federal Water Pollution Control Act*, Title 33 U.S.C. § 1251, and applicable rules of the Maine Department of Environmental Protection (Department hereinafter), the Department has considered the renewal of Maine Pollutant Discharge Elimination System (MEPDES hereinafter) General Permit #MER050000 / Waste Discharge License (WDL) #W008227-5Y-B-R, which was issued on April 26, 2011, for a five-year term, with its supportive data, agency review comments, and other related materials on file and FINDS THE FOLLOWING FACTS:

**PROCEDURAL AND REGULATORY SUMMARY**

On January 12, 2001, the Department received authorization from the U.S. Environmental Protection Agency (USEPA) to administer the National Pollutant Discharge Elimination System (NPDES) permit program in Maine. From that point forward, the program has been referenced as the MEPDES permit program.

On April 26, 2011, the Department issued *Stormwater Discharge Associated With Industrial Activity Multi-Sector General Permit* (General Permit) #MER050000 / WDL #W008227-5Y-B-R, for a five-year term. The April 26, 2011 General Permit superseded the initial General Permit, #MER050000 / WDL #W008227-5Y-A-N, which was issued on October 11, 2005 for a five-year term.

Beginning March 14, 2016, the Department commenced renewal proceedings and provided public notice of its intent to renew the April 26, 2011 General Permit in the *Bangor Daily*, *Kennebec Journal*, *Sun-Journal*, and *Portland Press Herald* newspapers. The notice solicited comments on a draft permit, when available, and provided an opportunity to request a public hearing.

## CONCLUSIONS

Based on the findings in the attached permit and incorporated Fact Sheet, dated September 29, 2016, and subject to the special and standard conditions that follow, this Department makes the following **CONCLUSIONS**:

1. The discharge(s) covered under this General Permit, either by itself or in combination with other discharges, will not lower the quality of any classified body of water below such classification.
2. The discharge(s) covered under this General Permit, either by itself or in combination with other discharges, will not lower the quality of any unclassified body of water below the classification which the Department expects to adopt in accordance with State law.
3. The provisions of the State's antidegradation policy, *Classification of Maine waters*, 38 M.R.S. § 464(4)(F), will be met, in that:
  - (a) Existing in-stream water uses and the level of water quality necessary to protect and maintain those existing uses will be maintained and protected;
  - (b) Where high quality waters of the State constitute an outstanding national resource, that water quality will be maintained and protected;
  - (c) Where the standards of classification of the receiving water body are not met, the discharge will not cause or contribute to the failure of the water body to meet the standards of classification;
  - (d) Where the actual quality of any classified receiving water body exceeds the minimum standards of the next highest classification that higher water quality will be maintained and protected; and
  - (e) Where a discharge will result in lowering the existing water quality of any water body, the Department has made the finding, following opportunity for public participation, that this action is necessary to achieve important economic or social benefits to the State.
4. The discharge(s) covered under this General Permit is subject to effluent limitations that require application of best practicable treatment as defined in *Conditions of licenses*, 38 M.R.S. § 414-A(1)(D).

**ACTION**

Based on the findings and conclusions as stated above, the Department APPROVES the renewal of *Multi-Sector General Permit for Stormwater Discharge Associated With Industrial Activity*, #MER050000, for the discharge of stormwater associated with industrial activity and certain non-stormwater discharges to surface waters of the State, SUBJECT TO THE ATTACHED CONDITIONS, including:

1. The attached Special Conditions, including any effluent limitations and monitoring requirements.
2. *Maine Pollutant Discharge Elimination System Permit Standard Conditions Applicable To All Permits*, revised July 1, 2002, copy attached.
3. This General Permit and the authorization to discharge become effective **ninety (90) days** following the date of signature below and expire at midnight five (5) years from the effective date. Prior to expiration of this General Permit, the Department must make a determination if it is to be renewed, and, if so, must commence renewal proceedings. If this General Permit is to be renewed, it must remain in force until the Department takes final action on the renewal. [*Maine Administrative Procedure Act*, 5 M.R.S. § 10002, *Rules Concerning the Processing of Applications and Other Administrative Matters*, 06-096 C.M.R. 2(21)(A) (last amended October 19, 2015), and *General Permits for Certain Wastewater Discharges*, 06-096 C.M.R. 529(3)(c) (last amended June 27, 2007)]

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES.

DONE AND DATED AT AUGUSTA, MAINE, THIS 7th DAY OF December, 2016.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: /s/ Michael Kuhns for  
PAUL MERCER, Commissioner

Date of Public Notice March 14, 2016.

Date filed with Board of Environmental Protection December 8, 2016

This Order prepared by Bill Hinkel/Gregg Wood, BUREAU OF WATER QUALITY

## SPECIAL CONDITIONS

### A. AUTHORITY

A permit is required for the direct or indirect discharge of pollutants to waters of the State and United States. *Waste discharge licenses*, 38 M.R.S. § 413(1) and *Federal Water Pollution Control Act*, Title 33 U.S.C. § 1251, *et seq.* The Department is authorized by the USEPA to administer the NPDES permit program in Maine. The Department may issue a general permit authorizing the discharge of certain pollutants from multiple individual discharge sources and locations which all have the same type of discharges and which involve situations where the Department determines there is a relatively low risk for significant environmental impact. 06-096 C.M.R. 529. The Department has determined that discharges resulting from stormwater discharge associated with industrial activities located within the geographic area of coverage and that conform to the applicability and coverage standards established herein may be authorized by a general permit.

### B. DEFINITIONS

In addition to the definitions found in *Definitions in the Waste Discharge Permitting Program*, 06-096 C.M.R. 520 (effective January 12, 2001) and in the waste discharge program and water classification laws, the following terms have the following meanings when used in this General Permit.

1. **Co-located Industrial Activities** – any industrial activities, excluding your primary industrial activity(ies), located on-site that are defined by the stormwater regulations at 06-096 CMR 521 §9(b)(14)(i) through (x) and 06-096 CMR 521 §9(b)(14)(xi). An activity at a facility is not considered co-located if the activity, when considered separately, does not meet the description of a category of industrial activity covered by the stormwater regulations or identified by the SIC code list in Attachment A of this permit or your primary industrial activity does not meet the description of a category of industrial activity covered by the stormwater regulations or identified by the SIC code list in Attachment A of this permit.
2. **Corrective Action.** “Corrective action” means any action taken, or required to be taken, to (1) repair, modify, or replace any stormwater control used at the site; (2) clean up and dispose of spills, releases, or other deposits found on the site; and (3) remedy a violation of this General Permit.
3. **Discharge Point (Outfall).** – for the purpose of this permit the location where collected and concentrated stormwater flows are discharged from the facility such that the first receiving waterbody into which the discharge flows, either directly or through a separate storm sewer system, is a water of the State.
4. **Impaired Waters.** “Impaired Waters” means waters identified by the Department as not meeting an applicable water quality standard, and require development of a total maximum daily load (TMDL) (pursuant to Section 303(d) of the CWA), or are addressed by a USEPA-approved or established TMDL, or are covered by pollution controls requirements that meet the requirements of 40 CFR 130.7(b)(1). For discharges that enter a separate storm sewer system prior to discharge, the first water of the State to which you discharge is the waterbody that receives the stormwater discharge from the storm sewer system.

## SPECIAL CONDITIONS

### B. DEFINITIONS (cont'd)

5. **Industrial Activity.** “Industrial Activity” means the 10 categories of industrial activities included in the definition of “stormwater discharges associated with industrial activity” as defined in 06-096 C.M.R. 521(9)(b)(14)(i) through (x) and 06-096 C.M.R. 521(9)(b)(14)(xi).
6. **Municipal Separate Storm Sewer System (“MS4”).** “Municipal Separate Storm Sewer System” or “MS4” means conveyances for stormwater, including, but not limited to, roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, human-made channels or storm drains (other than publicly owned treatment works and combined sewers) owned or operated by any municipality, sewer or sewage district, Maine Department of Transportation, Maine Turnpike Authority, State agency or Federal agency or other public entity that ultimately discharges directly to waters of the State other than ground water.
7. **NEG** – means National Effluent Guideline.
8. **No Exposure.** “No exposure” means that all industrial materials and activities are protected by a storm resistant shelter to prevent exposure to rain, snow, snowmelt, and/or runoff. See 40 CFR 122.26(g).
9. **Notice of Intent (“NOI”).** “Notice of Intent” or “NOI” means a notification of intent to seek coverage under this General Permit made by the applicant to the Department on a form provided by the Department.
11. **Notice of Termination (“NOT”).** “Notice of Termination” or “NOT” means a notification to end coverage under this General Permit on a form provided by the Department.
12. **Primary Industrial Activity** – Is the activity in which a facility is primarily engaged in that meets the definition of Industrial Activity of these definitions. For a facility where there is more than one activity or operation covered by a SIC code in Attachment A, it is recommended that the primary industrial determination be based on the value of receipts or revenues related to the operation in question or, if such information is not available for a particular facility, the number of employees or production rate for each operation may be compared. The operation that generates the most revenue or employs the most personnel is the operation in which the facility is primarily engaged. In situations where the vast majority of on-site activity falls within one SIC code, that activity may be the primary industrial activity.]
13. **Process Waste Water.** Means any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, by product or waste product.
14. **Qualifying Storm Event.** “Qualifying Storm Event” means precipitation or ice/snow melt waters that produce a measurable discharge of 0.1 inch or more in a 24-hour period at an outfall and occurs at least 72 hours from a previous qualifying storm event.

## SPECIAL CONDITIONS

### B. DEFINITIONS (cont'd)

15. **Representative Outfalls.** “Representative Outfalls” means two or more outfalls within a single drainage area that are anticipated to discharge substantially similar pollutants resulting from substantially similar industrial activities, materials or practices. If the facility contains representative outfalls, the permittee may conduct monitoring of one of the outfalls during a given sampling period provided that subsequent samples are taken from a different outfall within the representative outfalls’ drainage area. The permittee will not be required to monitor more than one representative outfall within a designated drainage area per monitoring event. For this to be permissible, the SWPPP must include the permittee’s narrative and include the following: locations of the outfalls and associated drainage area; why the outfalls are expected to discharge substantially identical effluents; and, estimates of the size of the drainage area (in square feet) for each outfall(s).
16. **Spill.** “Spill” means the release of a hazardous or toxic substance from its container or containment.
17. **Stormwater.** “Stormwater” means precipitation including runoff from rain, snow melt or ice melt that flows across the surface as sheet flow, shallow concentrated flow or in drainage ways. “Stormwater” means the same as “storm water”.
18. **Stormwater Discharge Associated with Industrial Activity.** “Stormwater Discharge Associated with Industrial Activity” means the discharge from any point source which is used for collecting and conveying stormwater and which is directly related to manufacturing, processing, or raw materials storage areas at an industrial facility. The term does not include discharges from facilities or activities excluded from the MEPDES program under 38 M.R.S. § 413. For the categories of industries identified at 06-096 C.M.R. 521(9)(b)(14)(i) through (x) and 06-096 C.M.R. 521(9)(b)(14)(xi), the term includes, but is not limited to, stormwater discharges from industrial facility yards; 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; material handling sites; refuse sites; sites used for the application or disposal of process waste waters; sites used for the storage and maintenance of material handling equipment; sites used for residual treatment, storage, or disposal; shipping and receiving areas; manufacturing buildings; storage areas (including tank farms) for raw materials, and intermediate and final products; and areas where industrial activity has taken place in the past and significant materials remain and are exposed to stormwater. For the purposes of this paragraph, material handling activities include storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, final product, by-product or waste product. The term excludes areas located on facility lands separate from the facility’s industrial activities, such as office buildings and accompanying parking lots as long as the drainage from the excluded areas is not mixed with stormwater drained from the above described areas. Industrial facilities include those that are federally, State, or municipally owned or operated that meet the description of the facilities listed in 06-096 C.M.R. 521(9)(b)(14). The term also includes those facilities designated under the provisions of 06-096 C.M.R. 521(a)(1)(v).
19. **Watershed Management Plan.** “Watershed Management Plan” means a plan, subject to Department review and approval, to address stormwater discharges to an impaired water body. An acceptable plan capable of providing structural or operational best management practices to prevent discharges of pollutants that would cause or contribute to impairment of the water body.

## SPECIAL CONDITIONS

### C. APPLICABILITY AND ELIGIBILITY

To be eligible to discharge under this General Permit, an applicant must (1) have an allowable stormwater discharge, 2) an allowable non-stormwater discharge associated with industrial activity from the primary industrial activity, provided the primary industrial activity is included in Attachment A of this General Permit, or (3) be notified by the Department that you are eligible for coverage under Sector AD of this General Permit. Stormwater that is conveyed to a treatment facility regulated by the Department or the USEPA for treatment, is not a discharge for which a waste discharge permit is required pursuant to 38 M.R.S. § 413(1).

1. **Area of coverage.** The geographic area covered by this General Permit is the entire State of Maine. Subject to all terms and conditions specified herein, this General Permit authorizes the discharge of stormwater associated with industrial activity to Class GPA, tributaries to Class GPA, Classes AA, A, B, and C, Classes SA, SB, and SC, and those waters classified as such and having drainage areas of less than ten square miles.
2. **Allowable non-stormwater discharges.** The following allowable non-stormwater discharges may be covered by this General Permit provided that the discharge, either alone or in conjunction with other discharges, do not cause or contribute to a violation of an applicable water quality standard. The use of best management practices to minimize the contribution of pollutants from these discharges and the location(s) to where each source is anticipated to be discharged must be documented in the Storm Water Pollution Prevention Plan (SWPPP).<sup>1</sup>
  - a. Discharges from emergency and unplanned fire-fighting activities;
  - b. Fire hydrant flushings, provided the discharge does not cause or contribute to a violation of water quality standards as determined by the Department and the activity is documented in the SWPPP;
  - c. Potable water, including water line flushings, provided they do not contribute to a violation of water quality standards as determined by the Department and the activity documented in the SWPPP;
  - d. Uncontaminated condensate from air conditioners, coolers, and other compressors and from the outside storage of refrigerated gases or liquids;
  - e. Irrigation drainage;
  - f. Landscape watering, provided any pesticides, herbicides, and fertilizers have been applied in accordance with the approved labeling;
  - g. Routine external building washdown / power wash water that does use detergents or hazardous cleaning products (e.g. those containing bleach, hydrofluoric acid, muriatic acid, sodium hydroxide, nonylphenols);
  - h. Uncontaminated ground water and springs;
  - i. Uncontaminated utility vault dewatering;
  - j. Water from building foundations or footings that is not contaminated by contact with process materials;
  - k. Incidental mist from cooling towers that collects on rooftops or adjacent portions of a facility, but not intentional discharge from cooling towers (e.g. “piped” cooling tower blowdown; drains.

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<sup>1</sup> The Department reserves the right to exclude non-stormwater discharges on a case-by-case basis if the permittee cannot objectively demonstrate to the Department’s satisfaction that the discharge will not violate an applicable water quality standard.



## **SPECIAL CONDITIONS**

### **C. APPLICABILITY AND ELIGIBILITY (cont'd)**

- l. Incidental water that does not contain detergent draining from vehicles leaving an on-site rinse station, provided the waters from the rinse station itself are properly managed through best management practices addressed in the SWPPP; and
- m. Incidental quantities of condensed steam that do not contributing to a violation of water quality standards (e.g. steam trap condensate).
- n. Wash waters from cleaning roads, parking lots, sidewalks and other paved surfaces, provided no detergents or hazardous cleaning products are used (e.g. bleach, hydrofluoric acid, muriatic acid, sodium hydroxide, nonlphenols) and the wash waters do not come into contact with oil and grease deposits, sources of pollutants associated with industrial activities or any other toxic or hazardous materials, unless residues are first cleaned up using dry clean up methods (e.g. applying absorbent materials and sweeping, using hydrophobic mops/rags) and one has implemented appropriate control measures to minimize discharges of mobilized solids and other pollutants (e.g. filtration, detention, settlement).
- o. The washing of new or used vehicles or equipment is allowed with the following prohibitions and recommended best management practices:
  - i. Engine, undercarriage and transmission washing is prohibited. Cleaning operations should minimize the detachment of paint residues, heavy metals or any other potentially hazardous materials from surfaces. .
  - ii .Vehicle and equipment washing should occur, where possible, on an impermeable surface (i.e., concrete, asphalt, plastic or other) and utilize an area that extends to a minimum of four (4) feet on all sides of the vehicle or equipment so that wash water and overspray falls initially on the impermeable surface. From the impermeable surface, wash water should then be directed to a vegetated area.
  - iii. Vehicles and equipment should not be washed near uncovered repair areas or chemical storage areas such that chemicals can be transported in wash water runoff. All wash water runoff should drain away from a shop repair or chemical storage area.
  - iv Wash water from cleaning the interior of truck trailers and other large commodity carrying containers must be collected and discharged to a POTW or treated in a closed-loop, wash water recycling system.
- p. Non-stormwater discharges authorized in Sectors A through AD of this General Permit.

## SPECIAL CONDITIONS

### C. APPLICABILITY AND ELIGIBILITY (cont'd)

3. **Exclusions and restrictions.** The following exclusions and restrictions for coverage under this General Permit apply.
  - a. Stormwater discharges that are comingled with other sources authorized by another MEPDES permit if the co-mingled waters cannot be separately characterized;
  - b. Stormwater discharges which the Department has determined are or would cause or contribute to a violation of an applicable water quality standard. This exclusion does not apply if the applicant demonstrates participation and compliance with a Watershed Management Plan; and
  - c. Stormwater discharges associated with construction activity disturbing one (1) acre or more, unless in conjunction with mining activities or certain oil and gas extraction activities as specified in Sectors G, H, I, and J of this General Permit.
  
4. **Conditional exclusion for no exposure.** Discharges composed entirely of stormwater are not stormwater discharges associated with industrial activity if there is no exposure of industrial materials and activities to rain, snow, snowmelt and/or runoff, and the discharger satisfies the conditions in this section. To qualify for exclusion, the permittee must submit the Department's No Exposure Certification Form DEPLW0968.
  - a. **Qualification requirements.** To qualify for this exclusion, the permittee covered by this General Permit that becomes eligible for a no exposure exclusion must:
    1. Provide a storm resistant shelter to protect industrial materials and activities from exposure to rain, snow, snow melt, and runoff;
    2. Complete and sign a certification that there are no discharges of stormwater contaminated by exposure to industrial materials and activities from the entire facility;
    3. Submit the signed certification to the Department once every five years;
    4. Allow the Department to inspect the facility to determine compliance with the no exposure conditions;
    5. For facilities that discharge through an MS4, upon request, submit a copy of the certification of no exposure to the MS4 operator, as well as allow inspection and public reporting by the MS4 operator; and
    6. Notify the Department of changes in facility ownership in accordance with Special Condition D.7, *Changed conditions*.
  
  - b. **Shelter exclusions.** To qualify for this exclusion, storm resistant shelter is not required for:
    1. Drums, barrels, tanks, and similar containers that are tightly sealed, provided those containers are not deteriorated, do not leak or do not otherwise contribute pollutants to stormwater;
    2. Adequately maintained vehicles used in material handling; and
    3. Products that would not contribute pollutants to stormwater.

## SPECIAL CONDITIONS

### C. APPLICABILITY AND ELIGIBILITY (cont'd)

- c. **Changed circumstances.** If circumstances change and industrial materials or activities become exposed to rain, snow, snow melt, and/or runoff, the conditions for this exclusion no longer apply. In such cases, the discharge becomes subject to enforcement for un-permitted discharge. Any conditionally exempt discharger who anticipates changes in circumstances should apply for and obtain permit authorization prior to the change of circumstances.
5. **Co-located facilities.** Where more than one sector of industrial activity applies to a single facility, the permittee must comply with the requirements of all applicable sectors. In the case of a difference between numeric effluent limitations for a facility subject to multiple sectors, compliance is required with the more stringent limitation.
6. **Stormwater discharges to impaired waters.** Coverage under this General Permit for stormwater discharges associated with an industrial activity to impaired waters may only be approved if the Department determines that the discharge(s) does not cause or contribute to the failure of the water body to meet the standards of classification. The Department will determine whether a facility discharges to an impaired water based on receiving water information provided by the applicant on the NOI form. In making this determination, the entity seeking coverage must provide the Department with clear and compelling evidence that the discharge does not contain pollutants in concentrations or quantity that would cause or contribute to the impairment condition. Evidence may consist of, but is not necessarily limited to, effluent analytical data for the pollutants of concern, documentation from the facility's SWPPP that there is no exposure of all sources of the pollutants of concern at the facility and / or that treatment devices are installed to eliminate or sufficiently minimize the pollutants of concern from stormwater runoff. The Department reserves the right to require additional monitoring on a case-by-case basis to ensure stormwater discharges to impaired waters comply with applicable water quality laws and this General Permit.

### D. NOTIFICATION, DECISIONS AND EFFECTIVE TERM OF COVERAGE

1. **Notice of Intent (NOI).** The owner or operator of a facility discharging stormwater associated with industrial activity, as an applicant, and seeking coverage under this General Permit must submit a completed NOI to the Department for review and approval within **sixty (60) days** of the date the permit is signed by the Commissioner of the Department. NOI forms must be mailed or hand-delivered to:  
Department of Environmental Protection  
Bureau of Water Quality  
Division of Water Quality Management  
17 State House Station  
Augusta, ME 04333-0017

The Department reserves the right to request additional information from the applicant based on review of the NOI. Permitting information, forms, and Augusta office directions may be obtained by contacting the Department's Waste Discharge Permitting Unit at 1-207-287-7688. Additionally, the General Permit, associated fact sheet and other forms are available for review and download at: <http://www.maine.gov/dep/water/wd/multisector/index.html>.

## SPECIAL CONDITIONS

### D. NOTIFICATION, DECISIONS AND EFFECTIVE TERM OF COVERAGE (cont'd)

2. **NOI information.** A complete NOI must contain the following information.
  - a. The legal name, mailing address, e-mail address and telephone number of the owner and operator (*i.e.*, applicant) of the facility;
  - b. The name and street address of the facility;
  - c. A topographic or similar type map extending approximately one mile beyond the boundaries of the facility generating stormwater and the geographic coordinates (latitude and longitude) of the facility's main entrance or office, if known;
  - d. The name(s) or descriptions of all known water bodies into which the stormwater discharge is conveyed, or the MS4 into which the discharge(s) is connected;
  - e. The Standard Industrial Code(s) (SIC) or NAICS Code(s) and identification of the Sectors of the General Permit that apply to the industrial activity conducted at the facility;
  - f. A copy of a signed participating landowner agreement associated with a Watershed Management Plan in which the facility is participating, if applicable;
  - g. A statement that a complete and up-to-date SWPPP<sup>2</sup> is available;
  - h. Evidence of title, right or interest (TRI) in all of the property that is proposed for development or use in accordance with 06-096 C.M.R. 2(11)(D);
  - i. For corporations, a *Certificate of Good Standing* or a statement signed by a corporate officer affirming that the corporation is in good standing; and
  - j. The signature of an authorized person in accordance with *Applications for Waste Discharge Licenses*, 06-096 C.M.R. 521(5) (effective January 12, 2001).

**Failure to submit all required NOI information may result in finding the NOI incomplete for processing and may delay processing or result in denial of the NOI.**

### 3. Decisions.

- a. **Effective date of coverage.** The Department must approve or deny each NOI submitted for coverage under this General Permit: 1) within 31 calendar days of receipt of a complete NOI if discharging to waters not listed as impaired waters; 2) within 61 calendar days of receipt of a complete NOI if discharging to impaired waters; or 3) on the effective date of this General Permit, whichever is later. If the Department does not notify the applicant within the specified timeframe, the NOI is automatically approved and becomes effective as if signed by the Commissioner in accordance with 06-096 C.M.R. 2(19)(E). In the event coverage is denied, the Department must notify the applicant of the reason(s) for denial. Denial of coverage under this General Permit is not appealable to the Board of Environmental Protection and is not final agency action. The approval of coverage under this General Permit is appealable in accordance with 06-096 C.M.R. 2(24)(B).

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<sup>2</sup> For purposes of this section, complete and up-to-date SWPPP means a SWPPP that contains all of the components required by this General Permit.

## SPECIAL CONDITIONS

### E. NOTIFICATION, DECISIONS AND EFFECTIVE TERM OF COVERAGE (cont'd)

b. **Individual permit coverage.** The Department may require, or an interested party may request for consideration, that a facility covered under this General Permit obtain an individual MEPDES permit for any of the reasons specified at 06-096 C.M.R. 529(2)(b)(3)(i)(A-G). The owner or operator of a facility eligible for coverage under this General Permit may request to be excluded from this General Permit and instead apply for an individual MEPDES permit as provided at 06-096 C.M.R. 529(2)(b)(3)(iii).

4. **Effective term of coverage.** The term of this General Permit is five years. Coverage under this General Permit will be continued from year to year provided payment of an applicable annual fee pursuant to *Maine Environmental Protection Fund*, 38 M.R.S. § 353-B, and that there are no significant changes in the facility or its operation as described in the NOI.

Prior to expiration of this General Permit, the Department must make a determination if it is to be renewed, and, if so, will commence renewal proceedings. Not less than 6 months prior to expiration of this General Permit, the Department must provide notice of its intent to renew or not renew the General Permit. If the General Permit is to be renewed, it will remain in force until the Department takes final action on the renewal. Upon reissuance of a renewal General Permit, persons wishing to continue coverage must apply for coverage under the renewal General Permit not later than 30 days following the issuance date of the new General Permit.

5. **Transfer of ownership.** In the event that the ownership of a facility is transferred to a new owner or operator, coverage under this General Permit may be transferred to the new owner or operator notifying the Department in writing within two weeks of the transfer. The notice must include documentation that the new owner or operator has: 1) a *Certificate of Good Standing* or a statement signed by a corporate officer affirming that the corporation is in good standing; 2) title, right or interest in the facility; 3) the technical and financial capacity to comply with this General Permit; and 4) a SWPPP that meets all requirements of this General Permit and that is certified in accordance with the signatory requirements of 06-096 C.M.R. 521(5). If increases or significant changes in the discharge(s) are proposed, a new NOI must be filed.

6. **Changed conditions.** In the event a permittee covered by this General Permit proposes to make significant changes in the nature or scope of the operations of facilities described in a NOI previously approved, the permittee must notify the Department as soon as becoming aware of and before implementing such changes. Based on its evaluation of the proposed changes, the Department may require the submittal of a new NOI or that an individual permit be obtained.

## **SPECIAL CONDITIONS**

### **D. NOTIFICATION, DECISIONS AND EFFECTIVE TERM OF COVERAGE (cont'd)**

- 7. Notice of termination.** A permittee covered under this General Permit that has 1) ceased operations and has eliminated the potential for discharges of stormwater associated with industrial activity; or 2) has obtained coverage for the discharge covered under this General Permit through another MEPDES permit must, within 30 days of either condition, submit a request for permit termination to the Department by submitting a complete Department Form DEPLW0967. The Department will notify an entity that requested permit termination of the Department's decision to terminate coverage under this General Permit, including, but not limited to, identification of additional requirements necessary to make the permittee eligible for permit termination. In accordance with Standard Condition A.5, *Permit actions*, the filing of a request for permit termination does not eliminate any General Permit condition, including payment of an annual waste discharge license fee pursuant to Standard Condition A.11, *Other laws*, and *Annual waste discharge license fees*, 38 M.R.S. § 353-B.

### **E. AUTHORIZED DISCHARGES**

A permittee covered under this General Permit is authorized to discharge: 1) only in accordance with the permittee's Notice of Intent; and 2) only in accordance with the terms and conditions of this General Permit. Discharges of pollutants from any other point source are not authorized under this General Permit, and must be reported in accordance with Standard Condition D(1)(f), *Twenty-four hour reporting, of Maine Pollutant Discharge Elimination System Permit Standard Conditions Applicable To All Permits*, revised July 1, 2002, attached to this General Permit. Any non-stormwater discharges not explicitly authorized pursuant to Special Condition C.2 of this General Permit are not covered and must be eliminated, or in the alternative, covered by a separate MEPDES permit.

### **F. NARRATIVE EFFLUENT LIMITATIONS**

In addition to compliance with the numeric and non-numeric technology-based effluent established in this General Permit, the permittee must comply with the following narrative effluent limitations.

1. An entity covered under this General Permit must not discharge, at any time, effluent that contains a visible oil sheen, foam or floating solids, which would impair the uses designated for the classification of the receiving waters.
2. An entity covered under this General Permit must not discharge, at any time, effluent that contains materials in concentrations or combinations which are hazardous or toxic to aquatic life, or which would impair the uses designated for the classification of the receiving waters.
3. An entity covered under this General Permit must not discharge, at any time, effluent that imparts color, taste, turbidity, toxicity, radioactivity or other properties which cause those waters to be unsuitable for the designated uses and characteristics ascribed to their classification.
4. An entity covered under this General Permit must not discharge effluent that lowers the quality of any classified body of water below such classification, or lowers the existing quality of any body of water if the existing quality is higher than the classification

## SPECIAL CONDITIONS

### G. CONTROL MEASURES

The permittee must select, design, install and implement control measures, adhering to good engineering practices and manufacturer's specifications, to minimize pollutant discharges from all potential sources. The control measure(s) selected must be capable of meeting 1) the non-numeric technology-based effluent limitations established in Special Condition H of this General Permit; 2) the numeric limitations specified in Special Condition I of this General Permit; and 3) all applicable water quality standards, including the goals of approved total maximum daily load (TMDLs) and water quality-based effluent limitations where established. Where more than one standard exists for a specific pollutant, compliance with this General Permit and the control measure design must be based on the most stringent standard. In selecting control measures, the permittee must address the following design and selection considerations.

1. Preventing stormwater from coming into contact with polluting materials;
2. Using control measures in combination;
3. Assessing the type and quantity of pollutants, including their potential to impact receiving water quality;
4. Minimizing impervious areas at the facility and infiltrating runoff onsite (including bioretention cells, green roofs, and pervious pavement, among other approaches) in accordance with State laws and regulations;
5. Attenuating flow using open vegetated swales and natural depressions;
6. Conserving and/or restoring riparian buffers; and
7. Using treatment interceptors (*e.g.*, swirl separators and sand filters).

### H. NON-NUMERIC TECHNOLOGY-BASED EFFLUENT LIMITATIONS

The permittee must comply with the following non-numeric effluent limitations in addition to any non-numeric effluent limitations specified in Sectors A through AD of this General Permit.

1. **Minimize exposure.** The permittee must minimize the exposure of manufacturing, processing, and material storage areas (including, but not limited to, loading and unloading, storage, disposal, cleaning, maintenance, and fueling operations) to rain, snow, snowmelt, and runoff in order to minimize pollutant discharges. Unless impractical, the permittee must also:
  - a. Use grading, berming or curbing to prevent runoff of contaminated flows and divert run-on away from these areas;
  - b. Locate materials, equipment, and activities so that potential leaks and spills are contained or able to be contained or diverted before discharge;
  - c. Clean up spills and leaks promptly using dry methods (*e.g.*, absorbents) to prevent the discharge of pollutants;

## SPECIAL CONDITIONS

### H. NON-NUMERIC TECHNOLOGY-BASED EFFLUENT LIMITATIONS (cont'd)

- d. Properly dispose of materials used for spill or leak clean up to prevent used clean up materials from being a source of pollutants in stormwater;
  - e. Store leaky vehicles and equipment indoors or, if stored outdoors, use drip pans and absorbents;
  - f. Use spill/overflow protection equipment;
  - g. The washing of new or used vehicles or equipment is allowed with the following prohibitions and recommended best management practices:
    1. Engine, undercarriage and transmission washing is prohibited. Cleaning operations should minimize the detachment of paint residues, heavy metals or any other potentially hazardous materials from surfaces. Information on temporary berms and magnetic storm drain covers is attached to this guidance.
    2. Vehicle and equipment washing should occur, where possible, on an impermeable surface (i.e., concrete, asphalt, plastic or other) and utilize an area that extends to a minimum of four (4) feet on all sides of the vehicle or equipment so that wash water and overspray falls initially on the impermeable surface. From the impermeable surface, wash water should then be directed to a vegetated area. Information on temporary berms and magnetic storm drain covers and suppliers is attached to this guidance.
    3. Vehicles and equipment should not be washed near uncovered repair areas or chemical storage areas such that chemicals can be transported in wash water runoff. All wash water runoff should drain away from a shop repair or chemical storage area.
    4. Wash water from cleaning the interior of truck trailers and other large commodity carrying containers must be collected and discharged to a POTW or treated in a closed-loop, wash water recycling system.
  - h. Drain fluids from equipment and vehicles that will be decommissioned, and, for any equipment and vehicles that will remain unused for extended periods of time, inspect at least quarterly for leaks.
  - i. locate industrial materials and activities inside or protecting them with storm resistant coverings where practical to do so.
2. **Good housekeeping.** The permittee must keep clean all exposed areas that are potential sources of pollutants. The permittee must perform good housekeeping measures in order to minimize pollutant discharges, including but not limited to, the following:
- a. Sweep or vacuum at regular intervals as a primary measure or, alternatively, wash down the area as a secondary measure and collect and/or treat, and properly dispose of the washdown water;
  - b. Store materials in appropriate containers that are labeled to specify contents;
  - c. Keep all dumpster lids closed when not in use, or provide secondary containment to ensure that discharges have a control. For dumpsters, waste bins and roll-off containers that do not have lids and could leak, ensure that discharges have a control (e.g. secondary containment, treatment). Dumpsters and roll-off containers should only be used to hold solid waste materials and never used to hold liquid wastes. This permit does not authorize any dry weather discharges from dumpsters or roll-off containers;



## SPECIAL CONDITIONS

### H. NON-NUMERIC TECHNOLOGY-BASED EFFLUENT LIMITATIONS (cont'd)

- d. Minimize the potential for waste, garbage and floatable debris to be discharged by keeping exposed areas free of such materials, or by intercepting them before they are discharged;
  - e. For facilities that handle pre-production plastic, implement best management practices to eliminate discharges of plastic in stormwater; and
  - f. Site and operate snow storage and disposal areas to prevent or minimize discharges of pollutants from snow maintenance activities.
3. **Maintenance.** The permittee must maintain all control measures that are used to achieve the effluent limits in this General Permit in effective operating condition, as well as all industrial equipment and systems, in order to minimize pollutant discharges. This includes:
- a. Performing and documenting inspections and preventive maintenance of stormwater drainage, source controls, treatment systems, and plant equipment and systems that could fail and result in contamination of stormwater;
  - b. Diligently maintaining non-structural control measures (*e.g.*, keep spill response supplies available, personnel appropriately trained);
  - c. Inspecting and maintaining baghouses at least quarterly to prevent the escape of dust from the system and immediately removing any accumulated dust at the base of the exterior baghouse; and
  - d. Cleaning catch basins when the depth of sediment or debris reaches 2/3rds of the sump depth and keeping the sediment and debris surface at least six inches below the lowest outlet pipe or alternatively, establish a routine maintenance schedule such each catch basin is cleaned out at least once per year.
4. **Spill prevention and response.** The permittee must minimize the potential for leaks, spills and other releases that may be exposed to stormwater and develop plans for effective response to such spills if or when they occur in order to minimize pollutant discharges. The permittee must conduct spill prevention and response measures, including but not limited to, the following:
- a. Plainly label containers 55 gallons or greater (*e.g.*, “Used Oil,” “Spent Solvents,” “Fertilizers and Pesticides”) that could be susceptible to spillage or leakage to encourage proper handling and facilitate rapid response if spills or leaks occur;
  - b. Implement procedures for material storage and handling, including the use of secondary containment and barriers between material storage and traffic areas, or a similarly effective means designed to prevent the discharge of pollutants from these areas;
  - c. Develop training on spill response procedures for expeditiously stopping, containing, and cleaning up leaks, spills, and other releases. As appropriate, execute such procedures as soon as possible;
  - d. Keep adequate and accessible spill kits on-site, located near areas where spills may occur or where a rapid response can be made; and
  - e. Notify appropriate facility personnel when a leak, spill, or other release occurs.
5. **Erosion and sediment controls.** The permittee must minimize erosion by stabilizing exposed soils at the facility in order to minimize pollutant discharges and by placing flow velocity dissipation devices in stormwater swales and ditches at discharge locations, as necessary, to minimize channel and streambank erosion and scour in the immediate vicinity of discharge points. The permittee must also use structural and non-structural control measures, as necessary, to minimize the discharge of sediment.

## SPECIAL CONDITIONS

### H. NON-NUMERIC TECHNOLOGY-BASED EFFLUENT LIMITATIONS (cont'd)

6. **Management of runoff.** The permittee must divert, infiltrate, reuse, contain, or otherwise manage stormwater runoff to minimize pollutants in the discharges.
7. **Salt storage piles or piles containing salt.** Unless otherwise authorized by variance pursuant to *Siting and Operation of Road Salt and Sand-Salt Storage Areas*, 06-096 C.M.R. 574 (effective December 3, 2001), the permittee must enclose or cover storage piles of salt, or piles containing salt, used for deicing or other commercial or industrial purposes, including maintenance of paved surfaces, in order to minimize pollutant discharges. This includes preventing stormwater runoff from coming into contact with covered piles. The permittee must implement appropriate measures (e.g., good housekeeping, diversions, containment) to minimize exposure resulting from adding to or removing materials from the pile.
8. **Employee training.** Annually, the permittee must train all employees who work in areas where industrial materials or activities are exposed to stormwater, or who are responsible for implementing activities necessary to meet the conditions of this permit (e.g., inspectors, maintenance personnel), including all members of the facility's stormwater pollution prevention team. The permittee must ensure the following personnel understand the requirements of this permit and their specific responsibilities with respect to those requirements:
  - a. Personnel who are responsible for the design, installation, maintenance, and/or repair of controls (including pollution prevention measures);
  - b. Personnel responsible for the storage and handling of chemicals and materials that could become contaminants in stormwater discharges;
  - c. Personnel who are responsible for conducting and documenting monitoring and inspections pursuant to this General Permit; and
  - d. Personnel who are responsible for taking and documenting corrective actions pursuant to this General Permit.

Personnel must be trained in at least the following if related to the scope of their job duties (e.g., only personnel responsible for conducting inspections need to understand how to conduct inspections):

- e. An overview of what is in the SWPPP;
  - f. Spill response procedures for expeditiously stopping, containing, and cleaning up leaks, spills, and other releases, good housekeeping, maintenance requirements, and material management practices;
  - g. The location of all controls on the site required by this General Permit, and how they are to be maintained;
  - h. The proper procedures to follow with respect to the General Permit's pollution prevention requirements; and
  - i. When and how to conduct inspections, record applicable findings, and take corrective actions.
9. **Dust generation and vehicle tracking of industrial materials.** The permittee must utilize control measures to minimize generation of dust and off-site tracking of raw, final, or waste materials. Discharges of pollutants associated with an industrial activity as the result of off-site tracking are not authorized by this General Permit.

**SPECIAL CONDITIONS**

**I. NUMERIC TECHNOLOGY-BASED EFFLUENT LIMITATIONS**

A permittee covered under this General Permit engaging in the following regulated activities must comply with all numeric effluent limitations specified in the Sector applicable to the facility.

<b>Regulated Activity</b>	<b>40 CFR Part/Subpart</b>	<b>Applicable Sector</b>
Discharges resulting from spray down or intentional wetting of logs at wet deck storage areas	Part 429, Subpart I	A
Runoff from phosphate fertilizer manufacturing facilities that comes into contact with any raw materials, finished product, by-products or waste products	Part 418, Subpart A	C
Runoff from asphalt emulsion facilities	Part 443, Subpart A	D
Runoff from material storage piles at cement manufacturing facilities	Part 411, Subpart C	E
Runoff from coal piles at any coal mine at which the extraction of coal is taking place	Part 434, Subpart A	H
Mine dewatering discharges at crushed stone (SIC 1422-1429), construction sand and gravel (SIC 1442), or industrial sand mining facilities (SIC 1446)	Part 436, Subparts B, C, or D	J
Runoff from hazardous waste landfills	Part 445, Subpart A	K
Runoff from non-hazardous waste landfills	Part 445, Subpart B	L
Runoff from coal storage piles at steam electric generating facilities	Part 423	O
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	S

**J. STORMWATER POLLUTION PREVENTION PLAN – GENERAL REQUIREMENTS**

1. **Availability of SWPPP.** The permittee must prepare a SWPPP for the facility prior to submission of a NOI for authorization to discharge stormwater associated with industrial activity under this General Permit. If a permittee prepared a SWPPP for coverage under a previous version of this General Permit, the permittee must review and update the SWPPP to implement all provisions of this General Permit prior to submitting a NOI. Upon receiving authorization under this General Permit, a copy of the SWPPP must be available to appropriate facility staff, Department and USEPA staff, and the operator of an MS4 receiving discharges from the facility. The permittee must keep a copy of the SWPPP on-site at all times for reference and review.
2. **SWPPP preparation.** The SWPPP must be prepared in accordance with good engineering practices and to industry standards. The SWPPP may be developed by either a person on the facility’s staff or a third party, but it must be developed by a “qualified person” and must be certified in accordance with the signatory requirements of 06-096 C.M.R. 521(5). A “qualified person” is a person knowledgeable in the principles and practices of industrial stormwater controls and pollution prevention, and possesses the education and ability to assess conditions at the industrial facility that could impact stormwater quality,

## **SPECIAL CONDITIONS**

### **J. STORMWATER POLLUTION PREVENTION PLAN – GENERAL REQUIREMENTS (cont'd)**

and the education and ability to assess the effectiveness of stormwater controls selected and installed to meet the requirements of the permit. A qualified person may include facility staff that is familiar with the facility's industrial activity and control measures necessary to reduce or eliminate the discharge of pollutants associated with the industrial activity.

3. **Amended SWPPP.** The permittee must amend the SWPPP within thirty (30) calendar days of completion of any of the following:
  - a. A change in design, construction, operation, or maintenance at the facility that may have a significant effect on the discharge or potential for discharge of pollutants from the facility including the addition or reduction of industrial activity;
  - b. Monitoring, inspections, or investigations by the permittee or by local, State, or Federal officials which determine the SWPPP is ineffective in eliminating or significantly minimizing the intended pollutants;
  - c. A discharge under this General Permit that is determined by Department to cause or have the reasonable potential to cause or contribute to the violation of an applicable water quality standard.

### **K. STORMWATER POLLUTION PREVENTION PLAN – GENERAL CONTENTS**

This subsection describes the minimum requirements that must be addressed or contained within an acceptable SWPPP.

1. **Stormwater Pollution Prevention Team.** The SWPPP must identify the individual(s) (by name or title) who comprise the facility's Stormwater Pollution Prevention Team. The Stormwater Pollution Prevention Team is responsible for assisting the facility/plant manager in developing, implementing, maintaining and revising the facility's SWPPP. Responsibilities of each team member must be listed.
2. **Nature of activities.** The SWPPP must provide a description of the nature of the industrial activities at the facility.
3. **Maps.** The SWPPP must contain a general location map with sufficient detail to identify the location of the facility and all receiving waters for all stormwater discharges. In addition to any Sector-specific map requirements, a site map (or multiple as necessary) depicting the following features must also be included with the SWPPP.
  - a. Boundaries of the property and the size of the property in acres;
  - b. Location and extent of significant structures and impervious surfaces;
  - c. Directions of stormwater flow (use arrows);
  - d. Locations of all stormwater control measures;
  - e. Locations of all receiving waters, including wetlands, in the immediate vicinity of the facility;
  - f. Locations of all stormwater conveyances including catch basins, ditches, pipes, and swales;
  - g. Locations of potential pollutant sources;

**SPECIAL CONDITIONS**

**K. STORMWATER POLLUTION PREVENTION PLAN – GENERAL CONTENTS (cont'd)**

- h. The location of all above ground wastewater or process water containment tanks;
  - i. For the purposes of the site map, identify areas of frequent spills (greater than three occurrences per year) and large spills (greater than 10 gallons) that have occurred in the last three years. All locations of fuel frequent/large spills must be documented within the SWPPP or applicable Spill Prevention Control & Counter Measure (SPCC) Plan;
  - j. Locations of all stormwater monitoring points;
  - k. Locations of stormwater inlets and outfalls, with a unique identification code for each outfall (*e.g.*, Outfall 001, 002) and an approximate outline of the areas draining to each outfall;
  - l. 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 the site from adjacent property that contains significant quantities of pollutants.
4. **Summary of potential pollutant sources.** The SWPPP must provide a description of the areas at the facility where industrial materials or activities are exposed to stormwater or from which allowable non-stormwater discharges originate. Industrial materials or activities include, but are not limited to: material handling equipment or activities; industrial machinery; raw materials; industrial production and processes; and intermediate products, by-products, final products, and waste products. Material handling activities include, but are not limited to: the storage, loading and unloading, transportation, disposal, or conveyance of any raw material, intermediate product, final product or waste product. Structures located in areas of industrial activity are potential sources of pollutants.

For each separate area identified, the description must include the following.

- a. Activities in the area. A list of the industrial activities exposed to stormwater and the predicted direction of flow of stormwater from each activity and outfall.
- b. Pollutants. A list of pollutants associated with each identified activity, which could be exposed to rainfall or snowmelt and could be discharged from the facility. The pollutant list must include all significant materials that have been handled, treated, stored or disposed, and that have been exposed to stormwater in the three years prior to the date you prepare or amend your SWPPP.

## **SPECIAL CONDITIONS**

### **K. STORMWATER POLLUTION PREVENTION PLAN – GENERAL CONTENTS (cont'd)**

- c. Spills and leaks. The permittee must document where potential spills and leaks could occur that could contribute pollutants to stormwater discharges, and the corresponding outfall(s) that would be affected by such spills and leaks. The permittee must document all frequent or large spills and leaks of oil or toxic or hazardous substances that actually occurred at exposed areas, or that drained to a stormwater conveyance, in the three years prior to the date the SWPPP was prepared or last amended. The permittee must document the circumstances leading to the release and actions taken in response to the release and the measures taken to prevent the recurrence of such releases.
- d. Wastewater or process water containment. Any stationary above ground tank, container, or container storage area used for the storage of wastewater or process water that has the potential to discharge to surface waters or a stormwater conveyance during a malfunction must be held in a secondary containment device capable of containing 100% of the contents of the tank, plus precipitation. The containment devices must meet all Federal and State rules for primary and secondary containment. Secondary containment requirements are waived if the tank is equipped with a level sensor and alarm to signal an overflow or leak and the facility has a contingency plan in place to remove excess liquid to a second containment structure or off site treatment facility to prevent exposure to stormwater. The containment structures must be visually inspected for signs of deterioration at least once per year. The contingency plan and tank inspection procedure must be documented in the SWPPP.
- e. Non-stormwater discharges – The permittee must document that it has evaluated its site for the presence non-stormwater discharges not listed in Section C(2). Documentation must include the following.
  - 1. The date of the evaluation;
  - 2. A description of the evaluation criteria used;
  - 3. A list of the outfalls or onsite drainage points that were directly observed during the evaluation; and
  - 4. The action(s) taken, such as a list of control measures used to eliminate unauthorized discharge(s), or documentation that a separate MEPDES permit was obtained.
- f. Salt storage. The permittee must document the location of any storage piles containing salt used for deicing or other commercial or industrial purposes.
- g. Sampling data. Existing dischargers must summarize all stormwater discharge sampling data collected at the facility during the previous permit term. The summary must include a narrative description (and may include data tables/figures) that adequately summarizes the collected sampling data to support identification of potential pollution sources at the facility. New dischargers and new sources must provide a summary of any available stormwater runoff data they may have.
- h. Method of on-site storage or disposal. A storage practice or disposal method must be detailed for all raw materials, intermediate materials, final products and waste materials. Waste materials must be handled in accordance with applicable federal and State waste management rules and regulations.

## SPECIAL CONDITIONS

### K. STORMWATER POLLUTION PREVENTION PLAN – GENERAL CONTENTS (cont'd)

5. **Procedures for conducting monitoring.** The SWPPP must document the procedures and frequencies for conducting the three types of analytical monitoring (Benchmark, Numeric, and Impaired Waters) and Visual Monitoring where applicable. SWPPP documentation must include the following.
  - a. Location of sample collection (outfall designation);
  - b. Sampling parameters and sampling frequency for each parameter including the benchmark or limit associated with that parameter; and
  - c. Monitoring schedule including monitoring exceptions, adverse weather conditions, and waivers.

### L. STORMWATER POLLUTION PREVENTION PLAN – CONTROL MEASURES

This condition contains SWPPP requirements for control measures to meet effluent limitations. The permittee must review all control measures at least quarterly and complete corrective action(s) to modify any control measures that are not achieving the intended effect of minimizing pollutant discharges. The SWPPP must document the type and location of all control measures selected to ensure compliance with technology-based and water quality-based effluent limitations.

1. **Best management practices (BMPs) considerations.** Best management practices must be applied to all areas described in the summary of potential pollutant sources documented in the SWPPP. The SWPPP must include an implementation schedule for all proposed BMPs. The permittee must consider, at a minimum, the following in selection of BMPs:
  - a. The quantity and nature of the pollutants, and their potential to impact the water quality of receiving waters;
  - b. Preventing stormwater from coming into contact with polluting materials;
  - c. Using control measures in combination to minimize pollutants in stormwater discharges;
  - d. Opportunities to offset stormwater and temperature impacts from impervious areas on dry weather flows and low flow situations to streams;
  - e. Minimizing impervious areas at the facility and infiltrating runoff onsite (including bioretention cells, green roofs, and pervious pavement, among other approaches);
  - f. Attenuating flow using open vegetated swales and natural depressions; and
  - g. Use of treatment interceptors (*e.g.*, swirl separators, sand filters, catch basin inserts/filters) to minimize the discharge of pollutants.
2. **Non-structural control measures** The permittee must comply with the non-structural control measures in Special Condition H, *Non-Numeric Technology Based Effluent Limitations*, of this permit.

## **SPECIAL CONDITIONS**

### **M. STORMWATER POLLUTION PREVENTION PLAN – RECORDS**

The permittee must keep the following inspection, monitoring and certification records on site with the SWPPP.

1. A copy of the NOI submitted to the Department for coverage under this General Permit;
2. A copy of the NOI approval issued by the Department for coverage under this General Permit;
3. A paper or electronic copy of this General Permit and any Sectors that are applicable to the facility;
4. Documentation of maintenance and repairs of control measures, including the date(s) of regular maintenance, date(s) of discovery of areas in need of repair/replacement, and for repairs, date(s) that the control measure(s) returned to full function, and the justification for any extended maintenance/repair schedules;
5. All inspection reports and monitoring data required by this General Permit, including any required sector-specific reports and monitoring data;
6. Documentation of monitoring exceedances and the permittee's response;
7. A description of any deviations from the schedule for visual assessments and/or monitoring, and the reason for the deviations (*e.g.*, adverse weather or it was impracticable to collect samples within the first 60 minutes of a measurable storm event);
8. Dates and descriptions of all spills and leaks that must be documented by this General Permit;
9. Corrective Action Reports and summary of completed actions taken at the site, including event(s) and date(s) when problems were discovered and modifications occurred; and
10. Documentation to support any determination that pollutants of concern are not expected to be present above natural background levels if the permittee discharges directly to impaired waters, and that such pollutants were not detected in the discharge or were solely attributable to natural background sources.
11. A copy of records for all employee training as required by Section H(8) of this permit.



## SPECIAL CONDITIONS

### N. MONITORING REQUIREMENTS

#### 1. Monitoring Generally.

- a. **Monitoring categories and methods.** This General Permit contains the following types of monitoring: routine facility inspections; visual monitoring; Sector-specific benchmark monitoring; numeric technology-based effluent limitation monitoring; and water quality-based impaired waters monitoring. The monitoring requirements and numeric limitations applicable to a facility depend on the types of industrial activities conducted and the receiving water quality. Samples and measurements taken for the purpose of monitoring must be representative of the volume and nature of the discharge over the sampling and reporting period. The permittee must conduct sampling and analysis in accordance with a) methods approved by 40 CFR Part 136; b) alternative methods approved by the Department in accordance with the procedures in 40 CFR Part 136; or c) as otherwise specified by the Department. Samples that are sent out for analysis must be analyzed by a laboratory certified by the State of Maine's Department of Health and Human Services for wastewater. Samples that are sent to a publicly owned treatment works licensed pursuant to *Waste discharge licenses*, 38 M.R.S. § 413 are subject to the provisions and restrictions of *Maine Comprehensive and Limited Environmental Laboratory Certification Rules*, 10-144 C.M.R. 263 (effective April 1, 2010). If the permittee monitors any pollutant more frequently than required by this General Permit using test procedures approved under 40 CFR Part 136 or as specified in this General Permit, the results of this monitoring must be maintained with the SWPPP.

Monitoring prescribed in this subsection is not required for entities covered under this General Permit that are participating in a Watershed Management Plan. The Long Creek Watershed Management Plan in the municipalities of South Portland, Portland, Westbrook and Scarborough is a Department Approved Watershed Management Plan.

- b. **Monitoring timing.** Stormwater samples should, whenever practicable, be collected within the first sixty (60) minutes of the beginning of a discharge during a qualifying storm event. If a sample cannot be collected within the first 60 minutes, the permittee must document with inspection forms the reason(s) or circumstance(s) why it was not practicable to obtain a timely sample. Samples collected more than 2.25 hours following the beginning of a discharge during a qualifying storm event are not acceptable and will be rejected by the Department.

In the case of snowmelt, samples must be collected during a period with a measurable discharge from the representative outfall.

If a stormwater discharge event associated with a qualifying storm event does not occur during normal operating business hours an entire calendar quarter, the permittee must document in the SWPPP that there was no discharge to sample. Monitoring requirements under these circumstances are waived.

## SPECIAL CONDITIONS

### N. MONITORING REQUIREMENTS (cont'd)

#### 2. Routine Facility Inspections.

- a. **Applicability.** All permittees covered under this General Permit must conduct routine facility inspections of areas of the facility covered by the requirements in this General Permit, including, but not limited to, the following:
  1. Areas where industrial materials or activities are exposed to stormwater;
  2. Areas identified in the SWPPP and those that are potential pollutant sources;
  3. Areas where spills and leaks have occurred in the past three years;
  4. Discharge points; and
  5. Control measures used to comply with the effluent limits contained in this General Permit.
  
- b. **Minimum inspection requirements.** Routine facility inspections must be conducted once per calendar quarter each year the permittee is covered under this General Permit. These inspections must be equally spaced with a minimum of sixty (60) days between inspections. At least once each calendar year, the routine inspection must be conducted during a period when a stormwater discharge is occurring. Alternatively, a permittee with multiple outfalls may inspect one outfall from each sector provided that it is representative of the entire sector. Representative outfalls must be rotated and all outfalls must be inspected over the course of the five-year permit cycle. The permittee must document findings from each routine facility inspection in a signed, certified report maintained with the SWPPP including, but not limited to, the following:
  1. The inspection date and time;
  2. The name(s) and signature(s) of the inspector(s);
  3. Weather information (precipitation in the previous 48 hour period of time);
  
  4. All observations relating to the implementation of control measures at the facility, including:
    - a. A description of any discharges occurring at the time of the inspection;
    - b. Any new discharges from and/or pollutants at the site;
    - c. Any evidence of, or the potential for, pollutants entering the drainage system;
    - d. Observations regarding the physical condition of and around all outfalls, including any flow dissipation devices, and evidence of pollutants in discharges and/or the receiving water;
  5. Any control measures needing maintenance, repairs, or replacement;
  6. Any additional control measures needed to comply with the General Permit requirements; and
  7. Any incidents of noncompliance.

Visual monitoring requirements required by this General Permit may be satisfied at the same time a routine facility inspection is conducted provided all components of both monitoring types are included in the report.

## SPECIAL CONDITIONS

### N. MONITORING REQUIREMENTS (cont'd)

- c. **Exception for inactive and unstaffed sites.** The requirement to conduct facility inspections on a routine basis does not apply at a facility that is inactive and unstaffed (temporarily or permanently closed), provided that there are no industrial materials or activities exposed to stormwater. Such a facility is only required to conduct an annual site inspection in accordance with the other requirements of this subsection. To invoke this exception, the permittee must maintain a signed and certified statement with the facility SWPPP stating that the site is inactive and unstaffed, and that there is no exposure to stormwater.

If circumstances change and industrial materials or activities become exposed to stormwater or the facility becomes active and/or staffed, this exception no longer applies and the permittee must immediately begin complying with the applicable monitoring requirements as if it was in the first year of permit coverage.

#### 3. Visual Monitoring.

- a. **Applicability.** All permittees covered under this General Permit must conduct visual monitoring.
- b. **Minimum monitoring requirements.** Visual monitoring must be conducted once per calendar quarter each year the permittee is covered under this General Permit. The permittee must collect a stormwater sample from each outfall or a representative outfall during a qualifying storm event and conduct a visual assessment of these samples. See section B(13) of this permit for documenting a representative outfall. These samples are not required to be collected in accordance with 40 CFR Part 136 procedures but must be collected in such a manner that the samples are representative of the stormwater discharge. The sample must be collected in a clean, colorless glass or plastic container, and examined in a well-lit area. The visual assessment must be performed and documented in accordance with standard operating procedures outlined in document DEPLW0768, Visual Monitoring of Stormwater Discharges Associated with Industrial Activity, hereby incorporated into this General Permit.
- c. **Monitoring parameters.** The permittee must visually inspect or observe the sample for the following water quality characteristics:
1. Color;
  2. Odor;
  3. Clarity (diminished);
  4. Floating solids;
  5. Settled solids;
  6. Suspended solids;
  7. Foam;
  8. Oil sheen; and
  9. Other obvious indicators of stormwater pollution

## SPECIAL CONDITIONS

### N. MONITORING REQUIREMENTS (cont'd)

- d. **Exception for inactive and unstaffed sites.** The requirement for visual monitoring does not apply at a facility that is inactive and unstaffed, provided that there are no industrial materials or activities exposed to stormwater. To invoke this exception, the permittee must maintain a signed and certified statement with the facility SWPPP stating that the site is inactive and unstaffed, and that there is no exposure to stormwater.

#### 4. Sector-Specific Benchmark Monitoring.

- a. **Applicability.** This General Permit specifies pollutant benchmark thresholds that are applicable to certain Sectors. The permittee must monitor for any benchmark parameters specified for the industrial Sector(s), both primary industrial activity and any co-located industrial activities, applicable to the discharge. The sector-specific benchmark thresholds are listed in the sector-specific sections appended to this General Permit. The benchmark thresholds are not effluent limitations; a benchmark exceedance, therefore, is not a violation of this General Permit. However, if corrective action is required as a result of a benchmark exceedance, failure to conduct required corrective action is a violation of this General Permit.
- b. **Minimum monitoring requirements.** Benchmark monitoring must be conducted quarterly for the first four full calendar quarters of coverage under this General Permit. When conditions prevent the permittee from obtaining four samples in four consecutive quarters, the permittee must continue monitoring until the four samples required for calculating your benchmark monitoring average have been obtained. The permittee must collect a stormwater sample from each outfall or a representative outfall for sector-specific benchmark monitoring. See section B(13) of this permit for documenting a representative outfall.
- c. **Exceedances.** After collection of four quarterly samples, if the average of the four monitoring values for any parameter exceeds the benchmark threshold, the permittee must review the selection, design, installation, and implementation of the control measures to determine if modifications are necessary to meet the effluent limits in this General Permit, and either:
  1. Make the necessary modifications and continue quarterly monitoring until the permittee has completed four additional quarters of monitoring for which the average does not exceed the benchmark; or
  2. Propose to the Department that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology-based effluent limits or are necessary to meet applicable water-quality-based effluent limitations, in which case the permittee must continue monitoring quarterly, unless other requirements to reduce pollutants are imposed by the Department. The permittee must also document its rationale for concluding that no further pollutant reductions are achievable, and retain all records related to this documentation with the SWPPP. The Department will evaluate each proposal and make a determination as to whether or not additional pollutant reductions are technologically available and economically practicable and achievable.

## SPECIAL CONDITIONS

### N. MONITORING REQUIREMENTS (cont'd)

The permittee must review its control measures and perform any required corrective action within fourteen (14) calendar days (or document why no corrective action is required) without waiting for the full four quarters of monitoring data, when an exceedance of the four quarter average is mathematically certain. If after modifying the control measures and conducting four additional quarters of monitoring, the average still exceeds the benchmark (or if an exceedance of the benchmark by the four quarter average is mathematically certain prior to conducting the full four additional quarters of monitoring), the permittee must again review its control measures and take one of the two actions above.

Following the first four quarters of benchmark monitoring, if the average concentration of a pollutant exceeds a benchmark value, and that exceedance of the benchmark is attributable solely to the presence of that pollutant in the natural background, the permittee is not required to perform corrective action or additional benchmark monitoring provided that:

3. The average concentration of the benchmark monitoring results is less than or equal to the concentration of that pollutant in the natural background; and
  4. The permittee documents and maintains with the SWPPP supporting rationale, including data, literature studies any other pertinent information, for concluding that benchmark exceedances are in fact attributable solely to natural background pollutant levels.
- d. **Exception for inactive and unstaffed sites.** Notwithstanding applicable sector-specific requirements, the requirement for benchmark monitoring does not apply at a facility that is inactive and unstaffed (temporarily or permanent), provided that there are no industrial materials or activities exposed to stormwater. To invoke this exception, the permittee must maintain a signed and certified statement with the facility SWPPP stating that the site is inactive and unstaffed, and that there is no exposure to stormwater.

If circumstances change and industrial materials or activities become exposed to stormwater or the facility becomes active and/or staffed, this exception no longer applies and the permittee must immediately begin complying with the applicable benchmark monitoring requirements as if it was in the first year of permit coverage.

## SPECIAL CONDITIONS

### N. MONITORING REQUIREMENTS (cont'd)

#### 5. Numeric Technology-Based Effluent Limitation Monitoring.

- a. **Applicability.** Special Condition I of this General Permit establishes numeric technology-based effluent limitations based on USEPA effluent guidelines limitations. A permittee covered under this General Permit engaging in the regulated activities specified in Special Condition I of this General Permit must comply with all numeric effluent limitations specified in the Sector applicable to the facility. The effluent limitations guidelines are listed in the sector-specific sections appended to this General Permit. The effluent limitations set forth for each Sector are enforceable effluent limitations; an exceedance of an effluent limitation is a violation of this General Permit.
- b. **Minimum monitoring requirements.** Stormwater effluent monitoring must be conducted once per year each calendar year the permittee is covered under this General Permit, except for permittees subject to Sectors A & J, which includes non-stormwater discharges. Minimum monitoring requirements for Sector A & J facilities are specified in Appendix A & J of this General Permit. The permittee must collect a stormwater sample from each representative outfall for numeric monitoring.
- c. **Exceedances.** If any monitoring value exceeds a numeric effluent limitation contained in this General Permit, the permittee must:
  1. Submit the monitoring results to the Department within 14 days of receiving monitoring results;
  2. Comply with all applicable requirements for SWPPP Review and Correction Actions as specified in Special Condition O of this General Permit;
  3. Conduct follow-up monitoring within 30 calendar days (or during the next qualifying storm event, should none occur within 30 days) of implementing corrective action(s). If any follow-up monitoring result exceeds a numeric effluent limitation contained in this General Permit, submit the monitoring results to the Department within 14 days of receiving monitoring results; and
  4. Continue to monitor, at least quarterly, until your discharge is in compliance with the numeric effluent limit or until the Department waives the requirement for additional monitoring.

## SPECIAL CONDITIONS

### N. MONITORING REQUIREMENTS (cont'd)

#### 6. Impaired Waters Monitoring.

- a. **Applicability.** Impaired waters monitoring applies to stormwater discharges to a water body listed on the 303(d) list of the current USEPA-approved Integrated Water Quality Monitoring and Assessment Report. The Department will determine whether a facility discharges to an impaired water based on receiving water information provided by the applicant on the NOI form.
  
- b. **Minimum monitoring requirements.**
  1. If a total maximum daily load (TMDL) has not been approved for the water body, stormwater effluent monitoring must be conducted once per year each calendar year the permittee is covered under this General Permit; or
  
  2. For storm water discharges to impaired waters with a USEPA approved or established TMDL, permittee's are not required to monitor for the pollutant(s) for which the TMDL was written unless the Department's informs the permittee, upon examination of the applicable TMDL and its wasteload allocation, that the permittee is subject to such a requirement consistent with the assumptions and requirements of the applicable TMDL and its wasteload allocation. The Department's notice will include specifications on monitoring parameters and testing frequency. Permittees must consult the Department for guidance regarding required monitoring under this section. See Attachment B of the Fact Sheet associated with this permit for a list of pollutant causing potential impairments, the specific monitoring parameters associated with the pollutant and the EPA approved method numbers. The list is being provided as guidance in the event a permittee chooses to be proactive in monitoring prior to being notified by the Department of specifications on monitoring parameters and testing frequency.

No monitoring is required when a water body's biological communities are impaired but no pollutant, including indicator or surrogate pollutants, is specified as causing the impairment, or when a water body's impairment is related to hydrologic modifications, impaired hydrology, or other non-pollutant.

- c. **Monitoring parameters.** If the pollutant of concern for the impaired water body is suspended solids, turbidity or sediment/sedimentation, the permittee must monitor stormwater effluent for total suspended solids (TSS). If a pollutant of concern is expressed in the form of an indicator or surrogate pollutant, the permittee must monitor for that indicator or surrogate pollutant. Monitoring is required for all pollutants for which the water body is impaired and for which a standard analytical method exists pursuant to 40 CFR Part 136. Monitoring for specific parameters may cease when the discharge does not exceed or have reasonable potential to exceed ambient water quality criteria (AWQC) and is at or below natural background levels.

## SPECIAL CONDITIONS

### N. MONITORING REQUIREMENTS (cont'd)

If the pollutant of concern is not detected and not expected to be present in the discharge, or it is detected but the permittee has determined that its presence is caused solely by natural background sources, the permittee may discontinue monitoring for that pollutant. To support a determination that the pollutant's presence is caused solely by natural background sources, the permittee must keep the following documentation of this discharge with the facility's SWPPP.

1. An explanation of why the permittee believes that the presence of the pollutant of concern in the discharge is not related to the activities or materials at the facility; and
  2. Data or studies which link the presence of the pollutant causing the impairment to what can be considered natural background sources in the watershed.
- d. **Exceedances.** If any monitoring value exceeds a water quality-based limitation or ambient water quality criterion (AWQC), the permittee must:
1. Submit the monitoring results to the Department within 14 days of receiving monitoring results;
  2. Comply with all applicable requirements for SWPPP Review and Correction Actions as specified in Special Condition O of this General Permit;
  3. Conduct follow-up monitoring within 30 calendar days (or during the next qualifying storm event, should none occur within 30 days) of implementing corrective action(s). If any follow-up monitoring result exceeds a water quality-based limitation or AWQC, submit the monitoring results to the Department within 14 days of receiving monitoring results; and
  4. Continue to monitor, at least quarterly, until your discharge is in compliance with the numeric effluent limit or until the Department waives the requirement for additional monitoring.
- e. **Exception for inactive and unstaffed sites.** The requirement for impaired waters monitoring does not apply at a facility that is inactive and unstaffed (temporarily or permanently closed), provided that there are no industrial materials or activities exposed to stormwater. To invoke this exception, the permittee must maintain a signed and certified statement with the facility SWPPP stating that the site is inactive and unstaffed, and that there is no exposure to stormwater.

If circumstances change and industrial materials or activities become exposed to stormwater or the facility becomes active and/or staffed, this exception no longer applies and the permittee must immediately begin complying with the applicable impaired waters monitoring requirements as if it was in the first year of permit coverage.



## **SPECIAL CONDITIONS**

### **O. SWPPP REVIEW AND CORRECTIVE ACTIONS**

#### **1. Conditions Requiring SWPPP Review and Revision to Ensure Effluent Limits are Met.**

When any of the following conditions occur or are detected during an inspection, monitoring or other means, or the Department or the operator of the MS4 through which the facility discharges informs the permittee that any of the following conditions have occurred, the permittee must review and revise, as appropriate, the SWPPP (*e.g.*, sources of pollution; spill and leak procedures; non-stormwater discharges; the selection, design, installation and implementation of your control measures) so that this General Permit's effluent limits are met and pollutant discharges are minimized:

- a. An unauthorized release or discharge (*e.g.*, spill, leak, or discharge of non-stormwater not authorized by this or another MEPDES permit to a water of the State) occurs at the facility;
- b. A discharge violates a numeric effluent limitation contained in this General Permit, including Sector-specific effluent guidelines limitations, or an applicable water quality-based limitation or ambient water quality criteria associated with impaired waters monitoring;
- c. The control measures are not stringent enough for the discharge to meet applicable water quality standards or the non-numeric effluent limits in this permit;
- d. A required control measure was never installed, was installed incorrectly, or is not being properly operated or maintained; or
- e. Whenever a visual assessment shows evidence of stormwater pollution (*e.g.*, color, odor, floating solids, settled solids, suspended solids, foam).

#### **2. Conditions Requiring SWPPP Review to Determine if Modifications Are Necessary.**

If any of the following conditions occur, the permittee must review the SWPPP to determine if modifications are necessary to meet the effluent limitations in this General Permit:

- a. Construction or a change in design, operation, or maintenance at the facility that significantly changes the nature of pollutants discharged in stormwater from the facility, or significantly increases the quantity of pollutants discharged; or
- b. The average of four quarterly sampling results exceeds an applicable benchmark. If less than four benchmark samples have been taken, but the results are such that an exceedance of the four quarter average is mathematically certain (*i.e.*, if the sum of quarterly sample results to date is more than four times the benchmark level) this is considered a benchmark exceedance, triggering this review.

## SPECIAL CONDITIONS

### O. SWPPP REVIEW AND CORRECTIVE ACTIONS (cont'd)

#### 3. Corrective Actions and Deadlines.

- a. **Immediate actions.** If corrective action is needed, the permittee must immediately take all reasonable steps necessary to minimize or prevent the discharge of pollutants until a permanent solution is installed and made operational, including cleaning up any contaminated surfaces so that the material will not discharge in subsequent storm events.

*Note: In this context, the term “immediately” requires the permittee to, on the same day a condition requiring corrective action is found, take all reasonable steps to minimize or prevent the discharge of pollutants until a permanent solution is installed and made operational. However, if a problem is identified at a time in the work day when it is too late to initiate corrective action, the initiation of corrective action must begin no later than the following work day. “All reasonable steps” means that the permittee has undertaken initial actions to assess and address the condition causing the corrective action, including, for example, cleaning up any exposed materials that may be discharged in a storm event (e.g., through sweeping, vacuuming) or making arrangements (i.e., scheduling) for a new BMP to be installed at a later date. “All reasonable steps” for purposes of complying with Special Condition O.2, Conditions Requiring SWPPP Review to Determine if Modifications Are Necessary, when the permittee concludes a corrective action is, in fact, not necessary, could include documenting why a corrective action is unnecessary*

- b. **Subsequent actions.** If the permittee determines that additional actions are necessary beyond those implemented in accordance with immediate action response, the permittee must complete the corrective actions (e.g., install a new or modified control and make it operational, complete the repair) before the next storm event if possible, and within 14 calendar days from the time of discovery of the corrective action condition. If it is infeasible to complete the corrective action within 14 calendar days, the permittee must document why it is infeasible to complete the corrective action within the 14-day timeframe. The permittee must also identify the schedule for completing the work, which must be done as soon as practicable after the 14-day timeframe but no longer than 45 days after discovery. If the completion of corrective action will exceed the 45-day timeframe, the permittee may take the minimum additional time necessary to complete the corrective action, provided that the permittee notifies the Department of the intention to exceed 45 days, the permittee’s rationale for an extension, and a completion date, which the permittee must also include in its corrective action documentation. Where the permittee’s corrective actions result in changes to any of the controls or procedures documented in your SWPPP, the permittee must modify the SWPPP accordingly within 14 calendar days of completing corrective action work.
- c. **Corrective Action Report (CAR).** A Corrective Action Report is a signed, certified report to document actions taken in response to triggering the need for corrective action review due to an exceedance of a water quality based limitation, ambient water quality criterion or a deficiency identified in a Department inspection report.

## **SPECIAL CONDITIONS**

### **O. SWPPP REVIEW AND CORRECTIVE ACTIONS (cont'd)**

The existence of any of the conditions listed Special Condition O.1 and O.2 of this General Permit triggers the need for corrective action review.

A complete CAR must contain the following information:

1. The existence of any of the conditions listed Special Condition O.1 and O.2 of this General Permit and description of the condition triggering the need for corrective action review;
2. For any spills or leaks: a description of the incident including material, date/time, amount, location, and cause for spill, and any leaks, spills or other releases that resulted in discharges of pollutants to waters of State, through stormwater or otherwise;
3. Date the condition was identified;
4. Description of immediate actions completed, including measures taken to prevent the reoccurrence of such releases;
5. A description of the corrective actions taken or to be taken as a result of the identified conditions;
6. The dates when each corrective action was initiated and completed (or is expected to be completed); and
7. If the event triggering corrective action is associated with an outfall that had been identified as a representative outfall, documentation that the permittee assessed the need for corrective action for all related representative outfalls. All of the subsequent actions and deadlines specified above apply to representative outfalls.

- d. **Effect of corrective action.** If the event triggering the review is a violation of this General Permit (e.g., non-compliance with an effluent limit), correcting it does not remove the original violation. Additionally, failing to take corrective action in accordance with this section is an additional violation of this General Permit.

### **P. RETENTION OF RECORDS**

The permittee shall retain copies of the SWPPP, all reports, certifications and monitoring results required by this General Permit, and records of all data used to complete the Notice of Intent to be covered by this General Permit, for a period beginning the date that the facility is covered under this General Permit and lasts through the date of renewed coverage under a subsequent permit or through the date the permittee submits a Notice of Termination (NOT) for coverage under this permit.

### **Q. REOPENING OF PERMIT FOR MODIFICATION**

In accordance with 38 M.R.S. § 414-A(5), the Department may, with notice to the permittee, reopen this General Permit to add or change conditions or effluent limitations for toxic compounds, to include specific limitations based on new information, or based on any other pertinent information obtained during the term of this General Permit.

**SPECIAL CONDITIONS**

**R. SEVERABILITY**

In the event that any provision, or part thereof, of this General Permit is declared to be unlawful by a reviewing court, the remainder of the General Permit must remain in full force and effect, and must be construed and enforced in all aspects as if such unlawful provision, or part thereof, had been omitted, unless otherwise ordered by the court.

## Appendix L

### Sector L - Landfills, Land Application Sites, and Open Dumps

#### L.1 Covered Stormwater Discharges.

The requirements in Sector L apply to stormwater discharges associated with industrial activity from Landfills and Land Application Sites as identified by the Activity Code specified in Sector L of Attachment A of the General Permit.

#### L.2 Industrial Activities Covered by Sector L.

This permit may authorize stormwater discharges for Sector L facilities associated with waste disposal at landfills, land application sites that receive or have received industrial waste, including sites subject to regulation under Subtitle D of RCRA. This permit does not cover discharges from landfills that receive only municipal wastes.

#### L.3 Limitations on Coverage.

**L.3.1 Prohibition of Non-Stormwater Discharges.** The following discharges are not authorized by this permit: leachate, gas collection condensate, drained free liquids, contaminated ground water, laboratory wastewater, and contact wash water from washing truck and railcar exteriors and surface areas that have come in direct contact with solid waste at the landfill facility.

**L.3.2 Prohibition Stormwater Discharges from Open Dumps.** Discharges from open dumps as defined under RCRA are also not authorized under this permit.

#### L.4 Definitions.

**L.4.1 Contaminated stormwater** – stormwater that comes into direct contact with landfill wastes, the waste handling and treatment areas, or landfill wastewater. Some areas of a landfill that may produce contaminated stormwater include (but are not limited to) the open face of an active landfill with exposed waste (no cover added); the areas around wastewater treatment operations; trucks, equipment, or machinery that has been in direct contact with the waste; and waste dumping areas.

**L.4.2 Drained free liquids** – aqueous wastes drained from waste containers (e.g., drums) prior to landfilling.

**L.4.3 Landfill wastewater** – as defined in 40 CFR Part 445 (Landfills Point Source Category) all wastewater associated with, or produced by, landfilling activities except for sanitary wastewater, non-contaminated stormwater, contaminated ground water, and wastewater from recovery pumping wells. Landfill process wastewater includes, but is not limited to, leachate; gas collection condensate; drained free liquids; laboratory-derived wastewater; contaminated stormwater; and contact wash water from washing truck, equipment, and railcar exteriors and surface areas that have come in direct contact with solid waste at the landfill facility.

**L.4.4 Leachate** – liquid that has passed through or emerged from solid waste and contains soluble, suspended, or miscible materials removed from such waste.

**L.4.5 Non-contaminated stormwater** – stormwater that does not come into direct contact with landfill wastes, the waste handling and treatment areas, or landfill wastewater. Non-contaminated stormwater includes stormwater that flows off the cap, cover, intermediate cover, daily cover, and/or final cover of the landfill.

**L.5 Additional Technology-Based Effluent Limits.**

**L.5.1 Preventive Maintenance Program.** As part of your preventive maintenance program, maintain the following: all elements of leachate collection and treatment systems, to prevent commingling of leachate with stormwater; the integrity and effectiveness of any intermediate or final cover (including repairing the cover as necessary), to minimize the effects of settlement, sinking, and erosion.

**L.5.2 Erosion and Sedimentation Control.** Provide temporary stabilization (e.g., temporary seeding, mulching, and placing geotextiles on the inactive portions of stockpiles) for the following in order to minimize discharges of pollutants in stormwater: materials stockpiled for daily, intermediate, and final cover; inactive areas of the landfill or open dump; landfills or open dump areas that have gotten final covers but where vegetation has yet to establish itself; and land application sites where waste application has been completed but final vegetation has not yet been established.

**L.6 Additional SWPPP Requirements.**

**L.5.1 Drainage Area Site Map.** Document in your SWPPP where any of the following may be exposed to precipitation or surface runoff: active and closed landfill cells or trenches, active and closed land application areas, locations where open dumping is occurring or has occurred, locations of any known leachate springs or other areas where uncontrolled leachate may commingle with runoff, and leachate collection and handling systems.

**L.5.2 Summary of Potential Pollutant Sources.** Document in your SWPPP the following sources and activities that have potential pollutants associated with them: fertilizer, herbicide, and pesticide application; earth and soil moving; waste hauling and loading or unloading; outdoor storage of significant materials, including daily, interim, and final cover material stockpiles as well as temporary waste storage areas; exposure of active and inactive landfill and land application areas; uncontrolled leachate flows; and failure or leaks from leachate collection and treatment systems.

**L.7 Additional Inspection Requirements.**

**L.7.1 Inspections of Active Sites.** Inspect operating landfills, open dumps, and land application sites at least once every 7 days. Focus on areas of landfills that have not yet been finally stabilized; active land application areas, areas used for storage of material and wastes that are exposed to precipitation, stabilization, and structural control measures; leachate collection and treatment systems; and locations where equipment and waste trucks enter and exit the site. Ensure that sediment and erosion control measures are operating properly. For stabilized sites and areas where land application has been completed, or where the climate is arid or semi-arid, conduct inspections at least once every month.

**L.7.2 Inspections of Inactive Sites.** Inspect inactive landfills, open dumps, and land application sites at least quarterly. Qualified personnel must inspect landfill (or open dump) stabilization and structural erosion control measures, leachate collection and treatment systems, and all closed land application areas.

**L.8 Additional Post-Authorization Documentation Requirements.**

**L.8.1 Recordkeeping and Internal Reporting.** Keep records with your SWPPP of the types of wastes disposed of in each cell or trench of a landfill or open dump. For land application sites, track the types and quantities of wastes applied in specific areas.

**L.9 Sector-Specific Benchmarks.**

No benchmarks are established for Sector L.

**L.10. Effluent Limitations Based on Effluent Limitations Guidelines.**

Table L-2 identifies effluent limitations that apply to the industrial activities described below. Compliance with these effluent limitations is to be determined based on discharges from these industrial activities independent of commingling with any other waste streams that may be covered under this permit.

<b>Table L-2<sup>1</sup></b>		
<b>Industrial Activity</b>	<b>Parameter</b>	<b>Effluent Limitation</b>
Discharges from non-hazardous waste landfills subject to effluent limitations in 40 CFR Part 445 Subpart B.	Biochemical Oxygen Demand (BOD <sub>5</sub> )	140 mg/L, daily maximum
		37 mg/L, monthly avg. maximum
	Total Suspended Solids (TSS)	88 mg/L, daily maximum
		27 mg/L, monthly avg. maximum
	Ammonia	10 mg/L, daily maximum
		4.9 mg/L, monthly avg. maximum
	Alpha Terpineol	0.033 mg/L, daily maximum
		0.016 mg/L monthly avg. maximum
	Benzoic Acid	0.12 mg/L, daily maximum
		0.071 mg/L, monthly avg. maximum
	p-Cresol	0.025 mg/L, daily maximum
		0.014 mg/L, monthly avg. maximum
	Phenol	0.026 mg/L, daily maximum
		0.015 mg/L, monthly avg. maximum
Total Zinc	0.20 mg/L, daily maximum	
	0.11 mg/L, monthly avg. maximum	
pH	Within the range of 6-9 standard pH units (s.u.)	

<sup>1</sup> Monitor annually. As set forth at 40 CFR Part 445 Subpart B, these numeric limitations apply to contaminated stormwater discharges from MSWLFs that have not been closed in accordance with 40 CFR 258.60, and to contaminated stormwater discharges from those landfills that are subject to the provisions of 40 CFR Part 257 except for discharges from any of the following facilities:

- (a) landfills operated in conjunction with other industrial or commercial operations, when the landfill receives only wastes generated by the industrial or commercial operation directly associated with the landfill;
- (b) landfills operated in conjunction with other industrial or commercial operations, when the landfill receives wastes generated by the industrial or commercial operation directly associated with the landfill and also receives other wastes, provided that the other wastes received for disposal are generated by a facility that is subject to the same provisions in 40 CFR Subchapter N as the industrial or commercial operation, or that the other wastes received are of similar nature to the wastes generated by the industrial or commercial operation;
- (c) landfills operated in conjunction with CWT facilities subject to 40 CFR Part 437, so long as the CWT facility commingles the landfill wastewater with other non-landfill wastewater for discharge. A landfill directly associated with a CWT facility is subject to this part if the CWT facility discharges landfill wastewater separately from other CWT wastewater or commingles the wastewater from its landfill only with wastewater from other landfills;