

**CWA COMPLIANCE EVALUATION INSPECTION REPORT
U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION 5**

Facility: Allied Waste Transportation, Inc. (DBA Republic Services of Melrose Park)
5050 W. Lake Street
Melrose Park, IL 60160

NPDES Permit Number: ILR006971

Purpose: To evaluate compliance with the National Pollutant Discharge Elimination System (NPDES) permit program for stormwater as well as the Clean Water Act (CWA).

Date of Inspection: July 25, 2024

EPA Region 5 Water Enforcement Compliance Assurance Representatives:

- Eric Small, Physical Scientist, US EPA Region 5, small.eric@epa.gov, 312-886-6680
- Keith Middleton, Environmental Engineer, US EPA Region 5, middleton.keith@epa.gov, 312-886-6465
- Ellie Demilt, US EPA Region 5, demilt.elizabeth@epa.gov, 312-353-2256

Facility Representatives:

- Matt Norman, Operations Manager, mnorman@republicservices.com, 708-498-5229
- Max Ehret, Environmental Manager, mehret@republicservices.com, 708-544-5195

Report Prepared by: Eric Small, Physical Scientist, Water Enforcement and Compliance Assurance Branch

Small, Eric

Digitally signed by Small, Eric
Date: 2024.09.27 11:00:13
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Inspector Signature: _____

Approver Name and Title: Ryan Bahr, Section 2 Supervisor, Water Enforcement and Compliance Assurance Branch

Ryan Bahr

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Approver Signature and Date: _____

INTRODUCTION

On July 25, 2024, representatives from the U.S. Environmental Protection Agency, Region 5 conducted a Compliance Evaluation Inspection at Allied Waste Transportation, Inc., which does business as Republic Services of Melrose Park (“Republic Services” or “Facility”). The purpose of this inspection was to assess and document the Facility’s compliance with stormwater regulations subject to the Clean Water Act, its SWPPP, and the Facility’s National Pollutant Discharge Elimination System Permit # ILR006971 issued by the Illinois EPA.

This inspection consisted of the following: an opening conference, discussions concerning the Facility’s Stormwater Pollution Prevention Plan (SWPPP) and stormwater practices, a Facility walk-through, and a closing conference. The EPA Inspection Team comprised three inspectors: Eric Small, Keith Middleton, and Ellie Demilt of U.S. EPA Region 5. Any findings and concerns that EPA identified during the inspection are listed in the section entitled “Areas of Concern” starting on page 9 of this report.

FACILITY BACKGROUND

According to Mr. Matt Norman, Operations Manager, the Facility operates from 3:30 A.M. until 6:30 P.M. each day, with trucks departing at approximately 4:00 A.M. and returning by approximately 6:30 P.M. Between 70 to 80 vehicles are assigned routes during the weekday to service a variety of residences, commercial businesses, and industrial operations. Inspection information indicates the Facility has 81 drivers and approximately 105 total employees. Service is reduced on the weekend, with four routes operating on Saturday. Only one vehicle route occurs on Sundays, which is tied to several local industrial business as well as the Brookfield Zoo. Mr. Norman identified the primary component subject to seasonality for Facility operations is the acceptance of yard waste from April through December. The Facility also has two maintenance shifts: one from 4:00 P.M. until 12:00 A.M. and the other occurring during the morning until approximately 4:00 P.M. The maintenance team at the Facility is composed of 10 employees, and the Facility has numerous contractors for fire inspections, underground storage tanks, and other miscellaneous needs. Facility representatives also confirmed the SIC Code as 4212: Local Trucking Without Storage.

To Mr. Norman’s knowledge, the Facility was owned by Browning Ferris Incorporated since approximately the 1970s prior to being acquired by Allied Waste Industries Inc. which merged with Republic Services in 2007. The site address is shared with Union Pacific, which shares office space parking lot space with Republic Services. The transfer station attached to this address was formerly owned by Republic Services, but it has since been acquired at the request of a Department of Justice ruling by Advanced Disposal, a subsidiary of Waste Management.

Permit Compliance:

As of the writing of this report, EPA's public compliance tracking website, EPA ECHO (<https://echo.epa.gov/>) does not identify any Clean Water Act violations for this Facility.

SITE INSPECTION



Exhibit 1: Republic Services of Melrose Park, facing north; **Source:** Google Earth

Initial Inspection Discussion

The weather was partly cloudy and approximately 73°F at the time of the inspection. The EPA Inspection Team arrived at the Facility's operations building at 9:36 A.M. Soon after, Mr. Middleton, Ms. Demilt, and Mr. Small were greeted by Mr. Matt Norman, Operations Manager, for Republic Services of Melrose Park in his office.

Credentials were presented to Mr. Norman, who indicated that he was knowledgeable about environmental practices occurring at the Facility. The EPA Inspection Team proceeded to announce their intentions to conduct a stormwater inspection at the Facility under the Clean Water Act to Mr. Norman. During the opening conference that began at 9:50 A.M., Mr. Small elaborated on the EPA Inspection Team's authority to conduct the inspection, its scope, and invited discussion on logistics for the day. The EPA Inspectors also noted that Confidential

Republic Services of Melrose Park – July 25, 2024

Business Information could be claimed, though no such claim was made by Facility representatives for the photographs and information that would be collected. Inspectors emphasized the scope of the inspection would primarily entail the Facility's compliance with their Stormwater Pollution Prevention Plan and implementation of their Illinois EPA General Permit to Discharge Storm Water associated with Industrial activity (ILR006971).

Facility Processes and Stormwater Generation

The EPA Inspection Team proceeded to ask Mr. Norman a series of questions to collect information surrounding Republic Services' stormwater management and mitigation practices as well as questions about the Facility's general operations. Mr. Norman stated that the most recent Notice of Intent for General Permit to Discharge Stormwater associated with Industrial Activity had been submitted on January 31, 2024. Inspection information indicates that quarterly stormwater inspections are conducted four times a year and are conducted by Mr. Norman, who takes photos of the sample at the Facility's primary outfall. Mr. Norman evaluates visual quarterly samples for clarity, whether there is a sheen, any cloudiness, and if there are any floating substances detected in the sample. Weekly inspections are also performed by Mr. Norman, with inspections being conducted every Friday and recorded on a routine stormwater inspection log. During this discussion, the EPA Inspection Team requested a log identifying routine Facility inspection from June 20, 2024 until the time of the inspection as well as the last four quarters of quarterly inspection reports.

Moving on to a discussion about the Facility's maintenance activities, Mr. Norman identified painting operations, container maintenance, and truck maintenance/repair as three standard maintenance operations that occur on site. Inspection information indicates that these operations are all conducted indoors within different areas of the maintenance shop. While Mr. Norman stated that there is one primary stormwater outfall for the site – located in the middle of the Facility's parking lot – he indicated that additional runoff from the site could converge with Union Pacific Railroad stormwater and, thus, inspects two additional areas to the east of the site as well sometimes sampling these locations. The one location is on the far east side of the parking lot (east of the delineated boundary in Exhibit 1) where a stream is located, and the other is part of a retention pond (northeast of the delineated boundary in Exhibit 1) that Mr. Norman stated is maintained by Waste Management. Mr. Norman further elaborated that the property lines for the adjacent parcels next to Republic Services are difficult to define and that the facilities sometimes share parking spaces with each other.

Mr. Norman also believed that any water entering maintenance floor drains within the Facility is contained in a sump and drained by an outside contractor. Mr. Small proceeded to request the last two manifests related to this operation. Outside of the Facility, Mr. Norman indicated that dumpsters stored on site as well as vehicles are the two primary objects that would be exposed to stormwater. Mr. Norman was unaware if there was a permit sign located at the

Republic Services of Melrose Park – July 25, 2024

Facility. Inspection information indicates that salt is applied within the parking lot by a third party in the winter throughout the shared parking lot, though no salt is stored onsite. Mr. Norman explained that the Facility has four primary SWPPP Team contacts: Mr. Matt Norman, Mr. Thomas Lindemulder (Fleet Manager), Mr. Robert Greco (General Manager), and Ms. Grace Lindemulder. Additionally, Mr. Bruce Bawkon, Director of Industrial Compliance for ASTI Environmental is a member of the SWPPP Team as well.

Housekeeping activities conducted onsite, per Mr. Norman include fuel pump checks before and after fueling and biweekly trash pickup by maintenance personnel. Other maintenance activities mentioned during this discussion included “transmission take downs,” welding, fueling with diesel exhaust fluid, preventative maintenance, and use of an internal wash bay in the maintenance building. Mr. Norman next explained how every truck has a spill kit to immediately respond if a spill occurs and that chemical storage onsite consist of an oil room, soap-wash, and diesel exhaust fluid. If a spill does occur, the first action employees are instructed to take is to contain it, followed by calling their supervisor and activating the spill response team. Approximately 100 trash vehicles are stored on Facility grounds, along with supervisor trucks. Mr. Norman stated that no reportable spills nor necessary corrective action measures have needed to be employed in the last three years. Mr. Norman also said during this discussion that fencing is the primary erosion and sediment control feature for the Facility.

When inquiring about employee training activities at the Facility, inspection information indicated that employee training is conducted annually by Mr. Bawkon. The EPA Inspection Team proceeded to ask Mr. Norman for the last three years of annual training documentation. The EPA Inspection Team also requested for Mr. Norman to provide the last three years of annual facility inspection reports.

Facility Walk-Through

At 11:00 A.M., a walkthrough of the Facility commenced was led by Mr. Norman and accompanied by the arrival of Mr. Max Ehret, Environmental Specialist for Republic Services. The EPA Inspection Team began observing activities in the Facility’s container shop, within the same building as Mr. Norman’s office. In the container maintenance shop, the EPA Inspection Team observed a variety of different sized containers used for collecting trash, none of which were exposed to rainwater. Mr. Norman highlighted that the Facility utilizes water-based paints for container painting and walked the EPA Inspection Team through the Facility’s paint booth (Photos 1-2 in Attachment A). Continuing through the container maintenance shop, Mr. Norman pointed out a chemical storage area – primarily composed of used oil products – and led the EPA Inspection Team to a wash bay that can be used to wash containers and vehicles (Photos 3-4 in Attachment A). Mr. Norman stated that a mixture of washwater and soap is used in this room to effectively wash Facility products and property, and Mr. Ehret stated that washwater from this process is discharged to the Metropolitan Water Reclamation District

Republic Services of Melrose Park – July 25, 2024

(MWRD) of Greater Chicago either via the Village of Melrose Park or the Village of Hillside's sewer mains. Six other drains were observed within the container maintenance shop near the vehicle maintenance area, which information indicates also discharge to MWRD (Photos 5-6 in Attachment A).

Moving outside, the EPA Inspection Team walked to the south side of the container maintenance shop to observe a large series of dumpsters in storage (Photos 7 and 9 in Attachment A). Closer to the dumpsters, a reddish hue/stain was observed near a stormwater drain. Mr. Ehret stated that stormwater from this drain is discharged to the Union Pacific Outfall 001 located to the southeast of the Facility; the exact composition of the media near the drain was unknown (Photo 8 in Attachment A). Walking toward the area north of the container maintenance shop, Mr. Norman identified two locations tied to storing and dispensing vehicle liquids: a diesel additive storage area and a fueling island with three underground storage tanks (Photos 10-11 in Attachment A). Heading east toward the refuse vehicle parking area, the EPA Inspection Team observed oil-stained pavement intermittently throughout the parking area (Photos 12, 13, and 15 in Attachment A). However, no fresh oil was observed on the ground throughout the inspection site. While walking around the parking area, Mr. Norman showed the EPA Inspection Team the location of Outfall 001 (Photo 14 in Attachment A). At the time of the inspection, the drain was partially obstructed by a variety of debris. Mr. Norman added that a sample of runoff is taken at this location by collection it through a cup and pouring it into a clear vase.

Mr. Norman next guided the EPA Inspection Team to the outfall southeast of the Facility, where stormwater from the Facility enters a nearby receiving water. The EPA Inspection Team observed posted signage identifying the outfall as Union Pacific Railroad Outfall 001 and noted the receiving water to be clear and not turbid (Photos 16-20 in Attachment A). The last stop during the Facility walkthrough involved inspectors observing a stormwater catch basin northeast of the container maintenance shop (Photo 21 in Attachment A). Mr. Norman again emphasized that it is not fully clear whether either outfall is on the Facility's property but that Republic Services still likes to oversee each due to their proximity and being a potential receiving water to the Facility's stormwater runoff.

Closing Conference

In the conference room where the inspection originally commenced, Mr. Small began the closing conference at 11:50 A.M. The conference consisted of Mr. Small, Mr. Middleton, Ms. Demilt, Mr. Norman, and Mr. Ehret. The EPA Inspection Team thanked both Mr. Norman and Mr. Ehret for their time and noted that any Areas of Concern identified during the inspection would be highlighted in the subsequent report. EPA also reiterated the follow-up documents and additional information that it was requesting, which would be reviewed once received. Mr. Small stated that EPA would develop an inspection report that summarized its inspection of the Facility and anticipated that it would provide a copy of the report in approximately 70 days to Mr. Norman and Mr. Ehret. The closing conference was ended at 12:00 P.M., and the EPA Inspection Team proceeded to leave Facility grounds.

DOCUMENTS OBTAINED PRIOR TO THE INSPECTION:

- “Illinois EPA General NPDES Permit For Storm Water Discharges from Industrial Activities,” dated June 6, 2023
- “Integrated Spill Prevention, Control, and Countermeasures Plan and Storm Water Pollution Prevention Plan,” revised in 2022

DOCUMENTS REQUESTED DURING THE INSPECTION:

- Most Up-to-Date Stormwater Pollution Prevention Plan
- Quarterly Facility Inspection Reports (Last 4 Quarters)
- Last 2 manifests related to the pit
- Routine facility inspections from June 20, 2024 to time of inspection
- Last 3 Annual Facility Inspection Reports
- Most recent NPDES permit
- Copy of most recent Notice of Intent

DOCUMENTS OBTAINED AFTER THE INSPECTION:

- “Illinois EPA General NPDES Permit For Storm Water Discharges from Industrial Activities,” dated June 6, 2023
- “Annual Facility Inspection Report for General Storm Water Discharges Associated with Industrial Activity,” dated June 29, 2021 and July 28, 2023
- “Stormwater Quarterly Visual Assessment Form” and Corresponding Picture, dated December 15, 2022, March 31, 2023, May 19, 2023, July 12, 2023, August 14, 2023, March 8, 2024 and May 9, 2024
- “Weekly Inspection Checklist,” for May 17, 2024 through June 14, 2024
- “Notice of Intent for General Permit to Discharge Storm Water Associated with Industrial Activity,” dated June 29, 2021
- “Notice of Intent for General Permit to Discharge Storm Water associated with Industrial Activity,” dated January 31, 2024
- “Republic Services Training SPCC/SPWPP/UST,” dated November 19-21, 2019
- “Republic Services Meeting Log,” dated February 3-4, 2021
- “Republic Services Meeting Log,” dated December 20, 2022
- “Republic Services Training SPCC/SPWPP/UST,” undated
- “Republic Services SPCC/SWPP/UST Training Year 2023,” undated
- “Republic Services Meeting Log,” dated January 16, 17, and 19, 2024

AREAS OF CONCERN:

EPA has identified areas of concern based on findings during the inspection of Republic Services of Melrose Park as well as from a post-inspection review of the information provided to EPA by Facility representatives. An enumerated list of the areas of concern are listed below:

1. SWPPP Review: Part E of the Permit details what information and documentation should be in the SWPPP to comply with Permit coverage. After review of the Facility SWPPP, several concerns are noted below:
 - a. SWPPP Site Map: On the Site Features Map located on page 58 of the Facility SWPPP, the following SWPPP requirements were not identified (with the corresponding Permit requirement denoted after each):
 - i. Stormwater conveyance and discharge structures (Part E.5.b.i. of the Permit)
 - ii. Municipal storm drain locations (Part E.5.b.vi of the Permit), such as those to the south and any located within the maintenance building
 - iii. Storage areas for vehicle/equipment with actual or potential fluid leaks (Part P.4.1 of the Permit)
 - iv. Vehicle service areas (Part E.5.b.viii of the Permit)
 - v. Fueling stations (Part E.5.b.xiii of the Permit)
 - b. Discharge Drainage Controls: Part E.6 of the Facility's Permit requires the documentation of the location of the stormwater management controls in the SWPPP. The inspector did not locate this information in Section 2.5 of the Facility's SWPPP nor in the attached maps.
 - c. Sampling Data: Part E.5.f of the Facility's Permit requires a summary of existing sampling data in the SWPPP that describe the pollutants in stormwater discharges. The inspector did not identify this information in the SWPPP.
 - d. Storm Water Pollution Prevention Personnel: Part E.7 in the Facility's permit requires the "...identification by name, job titles, direct telephone numbers and email addresses (if available) of the individuals who are responsible for developing, implementing, and revising the Plan..." to be included in the SWPPP. In the SWPPP reviewed, Mr. Norman and Mr. Greco are listed as the two SWPPP coordinators. This information does not coincide with following additional members of the SWPPP Team identified during the inspection: Mr. Thomas Lindemulder (Fleet Manager) and Ms. Grace Lindemulder, and Mr. Bruce Bawkon (Director of Industrial Compliance for ASTI Environmental). Additionally, any sampling personnel should also be included as part of the SWPPP Team.

- e. Non-Stormwater Discharge Certification: Part E.8 of the Facility's Permit states that the Facility "...shall include a certification that the discharge has been tested or evaluated for the presence of non-stormwater discharges." Inspection information indicated that there was a non-stormwater discharge certification filled out for this site. However, this certification was not observed in the SWPPP reviewed.
 - f. Monitoring: Part E.11 of the Facility's Permit states that the Facility "...must document in the SWPPP the procedures for conducting two types of analytical monitoring specified by the permit, where applicable to the facility." These analytical monitoring results include indicator monitoring, for which the Facility may be subject to given the applicable SIC code. During review of the SWPPP, the inspector did not identify documentation or information germane to this type of monitoring event.
- 2. Sign Indicating Permit Coverage: Part C.4 of the Facility's permit states that a sign must be posted "...at a safe, publicly accessible location in close proximity to the facility. This notice must include basic information about the facility (e.g., the NPDES ID number), information that informs the public on how to request the facility's Stormwater Pollution Prevention Plan (SWPPP), and how to contact the facility an IEPA if stormwater pollution is observed in the stormwater discharge." During the inspection, the EPA Inspection Team did not observe a sign indicating permit coverage.
 - 3. Good Housekeeping: Part F.2.c of the Facility's Permit requires "...the maintenance of clean, orderly facility areas that discharge storm water...including...trash containers, storage areas, loading docks, vehicle fueling, and maintenance." Part P.3.1 further describes necessary control and maintenance measures required for sector-specific facilities with the reported SIC Code 4212. During the inspection, the EPA Inspection Team identified areas of intermittent oil staining around the vehicle parking lot and fueling station (Photos 11, 12, and 15 in Attachment A), a rust-colored media near a dumpster storage area drain (Photo 8 in Attachment A), and plastic debris obstructing a portion of the Facility's primary outfall (Photo 14 in Attachment A).
 - 4. Annual Facility Inspection Reports: Part K of the Facility's Permit requires that annual inspections be conducted at the Facility and submitted annually to the Illinois EPA. The Permit requires that these inspections contain the results of the quarterly benchmark monitoring (if applicable) as well as the quarterly facility inspections which are required by Part G of the Permit. During the inspection, the EPA Inspection Team requested the annual facility inspection reports for the last three years. Attachment E of this report contains two pages related to annual inspections for the following reporting periods: (1) July 1, 2020 to July 1, 2021 and (2) June 30, 2022 to July 1, 2023. It is unclear to the inspector whether the corresponding quarterly visual inspections were included in these

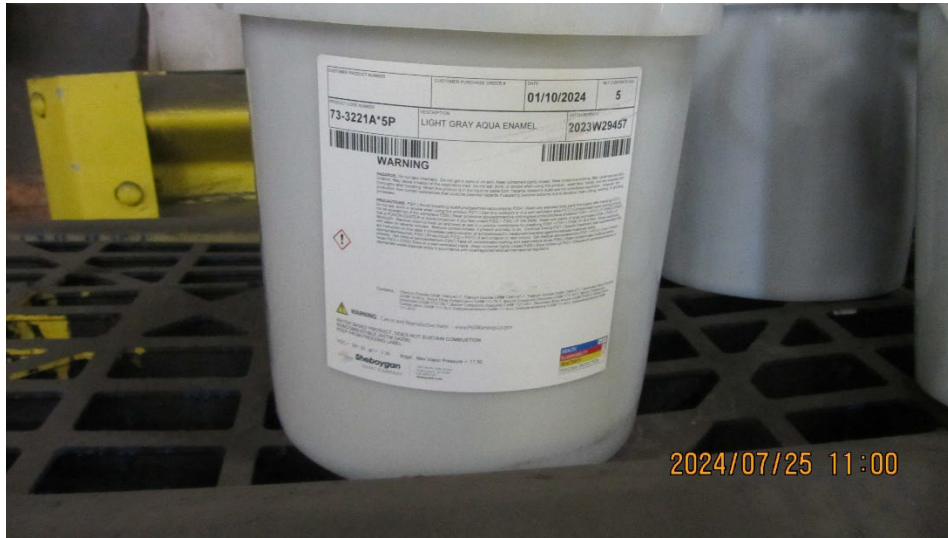
annual report submissions. Additionally, the annual reports for periods ending in 2022 and 2024 were not located in the submissions provided to EPA.

5. Quarterly Inspection Reports: Part G.1 of the Facility's Permit requires that quarterly inspections be conducted during a period when stormwater discharge is occurring. During the inspection, the EPA Inspection Team requested the last four quarterly facility inspection report forms. During subsequent review of submitted materials, the EPA Inspection Team did not identify a quarterly inspection conducted during the fourth quarter of 2023.
6. Potential Use of Sump: During the inspection, Mr. Norman believed that any water entering maintenance floor drains within the Facility is contained in a sump and drained by an outside contractor. Mr. Small subsequently requested the last two manifests related to this operation for the report. However, no manifests were received in the submitted materials.

LIST OF ATTACHMENTS:

- A. Photograph Log
- B. Sign-in Sheet
- C. “Integrated Spill Prevention, Control, and Countermeasures Plan and Storm Water Pollution Prevention Plan,” revised in March 2022
- D. “Illinois EPA General NPDES Permit For Storm Water Discharges from Industrial Activities,” dated June 6, 2023
- E. “Annual Facility Inspection Report for General Storm Water Discharges Associated with Industrial Activity,” dated June 29, 2021 and July 28, 2023
- F. “Stormwater Quarterly Visual Assessment Form” and Corresponding Picture, dated December 15, 2022, May 19, 2023, March 31, 2023, July 12, 2023, August 14, 2023, March 8, 2024 and May 9, 2024
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- K. “Republic Services Meeting Log,” dated February 3-4, 2021
- L. “Republic Services Meeting Log,” dated December 20, 2022
- M. “Republic Services Training SPCC/SPWPP/UST,” undated
- N. “Republic Services SPCC/SWPP/UST Training Year 2023,” undated
- O. “Republic Services Meeting Log,” dated January 16, 17, and 19, 2024

Attachment A: Photo Log
Republic Services– Melrose Park, Illinois
U.S. EPA Inspection – June 25, 2024
All photos taken by Keith Middleton, Environmental Engineer, U.S. EPA
Camera: Canon PowerShot SX230 HS



1: IMG_1105

Description: Paint Used by Facility in Paint Shop

Location: Republic Services – Melrose Park, Illinois; Paint Shop

Camera Direction: N/A

Date/Time: July 25, 2024 – 11:00 am CDT



2: IMG_1106

Description: Paint Shop

Location: Republic Services – Melrose Park, Illinois; Paint Shop

Camera Direction: N/A

Date/Time: July 25, 2024 – 11:01 am CDT



3: IMG_1107

Description: Chemical/Oil Storage

Location: Republic Services – Melrose Park, Illinois

Camera Direction: N/A

Date/Time: July 25, 2024 – 11:02 am CDT



4: IMG_1108

Description: Wash Bay

Location: Republic Services – Melrose Park, Illinois; Wash Bay

Camera Direction: N/A

Date/Time: July 25, 2024 – 11:04 am CDT



5: IMG_1109

Description: Stormwater Drain within Facility

Location: Republic Services – Melrose Park, Illinois; Maintenance Building

Camera Direction: N/A

Date/Time: July 25, 2024 – 11:05 am CDT



6: IMG_1110

Description: Vehicle Maintenance Area

Location: Republic Services – Melrose Park, Illinois; Maintenance Building

Camera Direction: N/A

Date/Time: July 25, 2024 – 11:06 am CDT



7: IMG_1111

Description: Dumpster Storage Area

Location: Republic Services – Melrose Park, Illinois; South of Maintenance Building

Camera Direction: Southeast

Date/Time: July 25, 2024 – 11:08 am CDT



8: IMG_1112

Description: Stormwater Drain near Dumpster Storage, South of Maintenance Building

Location: Republic Services – Melrose Park, Illinois

Camera Direction: N/A

Date/Time: July 25, 2024 – 11:09 am CDT



9: IMG_1113

Description: Western Extent of Dumpster Storage Area

Location: Republic Services – Melrose Park, Illinois; South of Maintenance Building

Camera Direction: Southeast

Date/Time: July 25, 2024 – 11:08 am CDT



10: IMG_1114

Description: Diesel Additive Storage Area

Location: Republic Services – Melrose Park, Illinois; North of Maintenance Building

Camera Direction: Northeast

Date/Time: July 25, 2024 – 11:15 am CDT



11: IMG_1115

Description: Fueling Location

Location: Republic Services – Melrose Park, Illinois; North of Maintenance Building

Camera Direction: East

Date/Time: July 25, 2024 – 11:15 am CDT



12: IMG_1116

Description: Fueling Location and Refuse Vehicle Parking

Location: Republic Services – Melrose Park, Illinois; North of Maintenance Building

Camera Direction: West

Date/Time: July 25, 2024 – 11:16 am CDT



13: IMG_1117

Description: Additional Refuse Vehicle Parking

Location: Republic Services – Melrose Park, Illinois; Northeast of Maintenance Building

Camera Direction: Northeast

Date/Time: July 25, 2024 – 11:18 am CDT



14: IMG_1118

Description: Stormwater Drain

Location: Republic Services – Melrose Park, Illinois; East of Maintenance Building

Camera Direction: Southeast

Date/Time: July 25, 2024 – 11:20 am CDT



15: IMG_1119

Description: Oil-Stained Pavement, Refuse Vehicle Parking Area

Location: Republic Services – Melrose Park, Illinois; East of Maintenance Building

Camera Direction: Southeast

Date/Time: July 25, 2024 – 11:20 am CDT



16: IMG_1120

Description: Near Stormwater Outfall; Note Signage

Location: Republic Services – Melrose Park, Illinois; East of Maintenance Building

Camera Direction: Northeast

Date/Time: July 25, 2024 – 11:26 am CDT



17: IMG_1121

Description: Stormwater Receiving Waters; Looking Upstream Towards Stormwater Outfall

Location: Republic Services – Melrose Park, Illinois; East of Maintenance Building

Camera Direction: Northwest

Date/Time: July 25, 2024 – 11:27 am CDT



18: IMG_1122

Description: Stormwater Receiving Waters; Looking Downstream

Location: Republic Services – Melrose Park, Illinois; East of Maintenance Building

Camera Direction: Southeast

Date/Time: July 25, 2024 – 11:27 am CDT



19: IMG_1123

Description: Stormwater Receiving Waters

Location: Republic Services – Melrose Park, Illinois; East of Maintenance Building

Camera Direction: Northeast

Date/Time: July 25, 2024 – 11:27 am CDT



20: IMG_1124

Description: Stormwater Outfall/Stormwater Receiving Waters Location

Location: Republic Services – Melrose Park, Illinois; East of Maintenance Building

Camera Direction: Southeast

Date/Time: July 25, 2024 – 11:29 am CDT



21: IMG_1125

Description: Wetland Area

Location: Republic Services – Melrose Park, Illinois; Northeast of Maintenance Building

Camera Direction: Northeast

Date/Time: July 25, 2024 – 11:32 am CDT

Event

Date _____

Location

Participants

[illegible]

**Integrated Spill Prevention, Control, and Countermeasures Plan
and
Storm Water Pollution Prevention Plan**

Revised March 2015
Revised March 2022

Report Prepared For:

Allied Waste of Melrose Park
5050 West Lake Street
Melrose Park, IL 60160

Report Prepared By:

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ASTI Project 8291

Report Prepared by:



Bruce Bawkon, P.E.
Director, Industrial Compliance



Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

REPORTABLE SPILL PROCESS FLOW SCHEMATIC	v
SUMMARY INFORMATION PAGE	vi
TECHNICAL CONTACTS:	vi
REPORTABLE SPILLS	vii
EMERGENCY	viii
SPILL RESPONSE CONTRACTORS	viii
CERTIFICATION AND MANAGEMENT APPROVAL	ix
CERTIFICATION BY REGISTERED PROFESSIONAL ENGINEER	x
40 CFR 112.20 CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA	xi
STORM WATER POLLUTION PREVENTION PLAN CERTIFICATION	xiii
PLAN REVIEW RECORD - § 112.5(b) NPDES Permit section E.9	xiv
HISTORY OF SIGNIFICANT SPILLS AND LEAKS	xv
1.0 INTRODUCTION	1
1.1 Implementation of Plan - §112.3(b)(1)	1
1.2 Professional Engineer (PE) Certification - §112.3(d)	1
1.3 Plan Maintained at Facility - §112.3(e)(1) &(2)	2
1.4 Amendment of Plan - §112.5(a) NPDES Permit Section E.4	2
1.5 Review of Plan - §112.5(b) NPDES Permit Section E.9	3
2.0 GENERAL REQUIREMENTS 40 CFR 112.7	5
2.1 General Requirements Conformance with Rule Requirements - §112.7(a)(1); §112.8(a)	5
2.2 Deviation from Plan Requirements - §112.7(a)(2)	6
2.3 Physical Layout Site Plan - §112.7(a)(3) NPDES Permit section E.5.a. b. e	6
2.4 Discharge Prevention Measures - §112.7(a)(3)(ii) NPDES Permit Section E.5.c.iii	6
2.5 Discharge Drainage Controls - §112.7(a)(3)(iii)	8
2.6 Spill Response - §112.7(a)(3)(iv)	8
2.6.1 Assessment of Spill	8
2.6.2 Containment of Spill	8
2.6.3 Spill Clean Up Supplies	9
2.7 Methods of Disposal - §112.7(a)(3)(v)	9
2.8 Contacts - §112.7(a)(3)(vi)	9

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

2.9	Spill Reporting Information - §112.7(a)(4) NPDES Permit Section E.6.d.....	10
2.9.1	Oil Spill (40 CFR 110.6 and 40 CFR 112.4).....	10
2.9.2	Twenty-four hour reporting	11
2.9.3	Actions Following an Emergency.....	11
2.9.4	Other Follow-up Actions	12
2.10	Discharge Procedures - §112.7(a)(5) NPDES Permit Section E.7	12
2.11	Failure Prediction Facility Drainage - §112.7(b); §112.8(a) NPDES Permit Section E.5.c.i; 5.d; 6.d.....	12
2.12	Containment - §112.7(c) NPDES Permit Section E.5.c.ii; 5.c.iii; 6.e.i; 6.e.vi	15
2.13	Explanation of Impracticability of Secondary Containment- §112.7(d)	15
2.14	Applicable State or Local Requirements - §112.7(d)(1); §109.3; §112.7(k)(2)(ii)(A)	16
2.15	Written Commitment of Manpower - §112.7(d)(2); §109.3; §112.7 (k)(2)(ii)(B)	16
2.16	Inspections - §112.7(e); §112.7(k)(2)(i) NPDES Permit Section E.6.h	16
2.17	Training - §112.7(f)(1) NPDES Permit Section E.6.g.....	17
2.18	Emergency Response Coordinators - §112.7(f)(2) NPDES Permit Section E.6.a	18
2.19	Spill Prevention Coordinator - §112.7(f)(2).....	18
2.20	Spill Prevention Briefings- §112.7(f)(3)	19
2.21	Site Security - §112.7(g)(1).....	19
2.22	Flow Valves Locked - §112.7(g)(2)	19
2.23	Starter Controls Locked - §112.7(g)(3)	19
2.24	Pipeline Loading/Unloading - §112.7(g)(4).....	20
2.25	Lighting - §112.7(g)(5)	20
2.26	Tank Car and Truck Unloading/Unloading Racks - §112.7(h)(1).....	20
2.27	Warning Notices for Vehicles - §112.7(h)(2)	20
2.28	Inspection of Vehicle Drain Outlets - §112.7(h)(3)	21
2.29	Field-Constructed Aboveground Container Evaluation - §112.7(i)	21
2.30	Conformance with State Requirements - §112.7(j)	21
3.0	REQUIREMENTS FOR ON SHORE FACILITIES	23
3.1	Drainage Areas - §112.8(b)(1).....	23
3.2	Valves on Diked Storage - §112.8(b)(2).....	23
3.3	Drainage Valves from Undiked Areas - §112.8(b)(3)	23
3.4	Final Discharge of Drainage - §112.8(b)(4).....	23
3.5	Facility Drainage Systems and Equipment - §112.8(b)(5)	24

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

3.6	Bulk Storage Containers/Secondary Containment - §112.8(c)(1).....	24
3.7	Diked Area Construction and Containment - §112.8(c)(2).....	24
3.8	Diked Area Inspection and Drainage of Rainwater - §112.8(c)(3)	24
3.9	Corrosion Protection of Buried Metal Tanks - §112.8(c)(4)	25
3.10	Corrosion Protection of Partially Buried Metal Tanks - §112.8(c)(5).....	25
3.11	Aboveground container periodic integrity testing - §112.8(c)(6)	25
3.12	Control of Leakage Through Internal Heating Coils - §112.8(c)(7)	26
3.13	Container Installation Fail Safe Engineered - §112.8(c)(8); §112.8(c)(8)(v)	26
3.14	Observation of Discharge Effluents - §112.8(c)(9)	26
3.15	Corrective Action for Visible Oil Leaks - §112.8(c)(10).....	27
3.16	Appropriate Location of Portable Oil Storage Containers - §112.8(c)(11).....	27
3.17	Buried Pipe Installation Protection- §112.8(d)(1).....	27
3.18	Management of “out-of-service” Connections - §112.8(d)(2).....	27
3.19	Supports Properly Designed- §112.8(d)(3)	28
3.20	Aboveground Valve and Pipeline Inspections - §112.8(d)(4)	28
3.21	Protection of Aboveground Piping from Vehicles - §112.8(d)(5).....	28
3.22	Certification of the Applicability of the Substantial Harm Criteria – Oil Pollution Act of 1990 - §112.20(e).....	28
4.0	OTHER BEST MANAGEMENT PRACTICES NPDES PERMIT SECTION E.1, 5.c.ii	29
4.1	Good Housekeeping NPDES Permit Section E.6.c.....	29
4.2	Preventive Maintenance NPDES Permit Section E.6.b	29
4.3	Erosion Control Measures NPDES Permit Section E.6.f	29
4.4	Erodible Soils and Slopes.....	29
4.5	Outdoor Storage Areas.....	30
4.6	Dust and Particulate Generating Processes	30
4.7	Materials Expected to be Present in Storm Water Discharges NPDES Permit Section E5d.....	31
4.8	Description of Storm Water Outfalls.....	31
4.9	Onsite Waste NPDES Permit Section E.5.c.v, E.6.e.i.c/waste disposal	31
4.10	Vehicle Washing and Maintenance NPDES Permit Section E.6.e.vii	31
4.11	Animal Waste	31
4.12	Contact with Significant Materials	31
4.18	TMDL NPDES Permit Section E.5.d	32
4.19	Oil/Water Separator NPDES Permit Section E.6.e.ii	32

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

4.20 Storm Water Management System NPDES Permit Section E.6.e.iii; 6.e.v; 6.e.vii.....	32
4.21 Storm Water Visual Assessment NPDES Permit Section E.8	32

TABLES

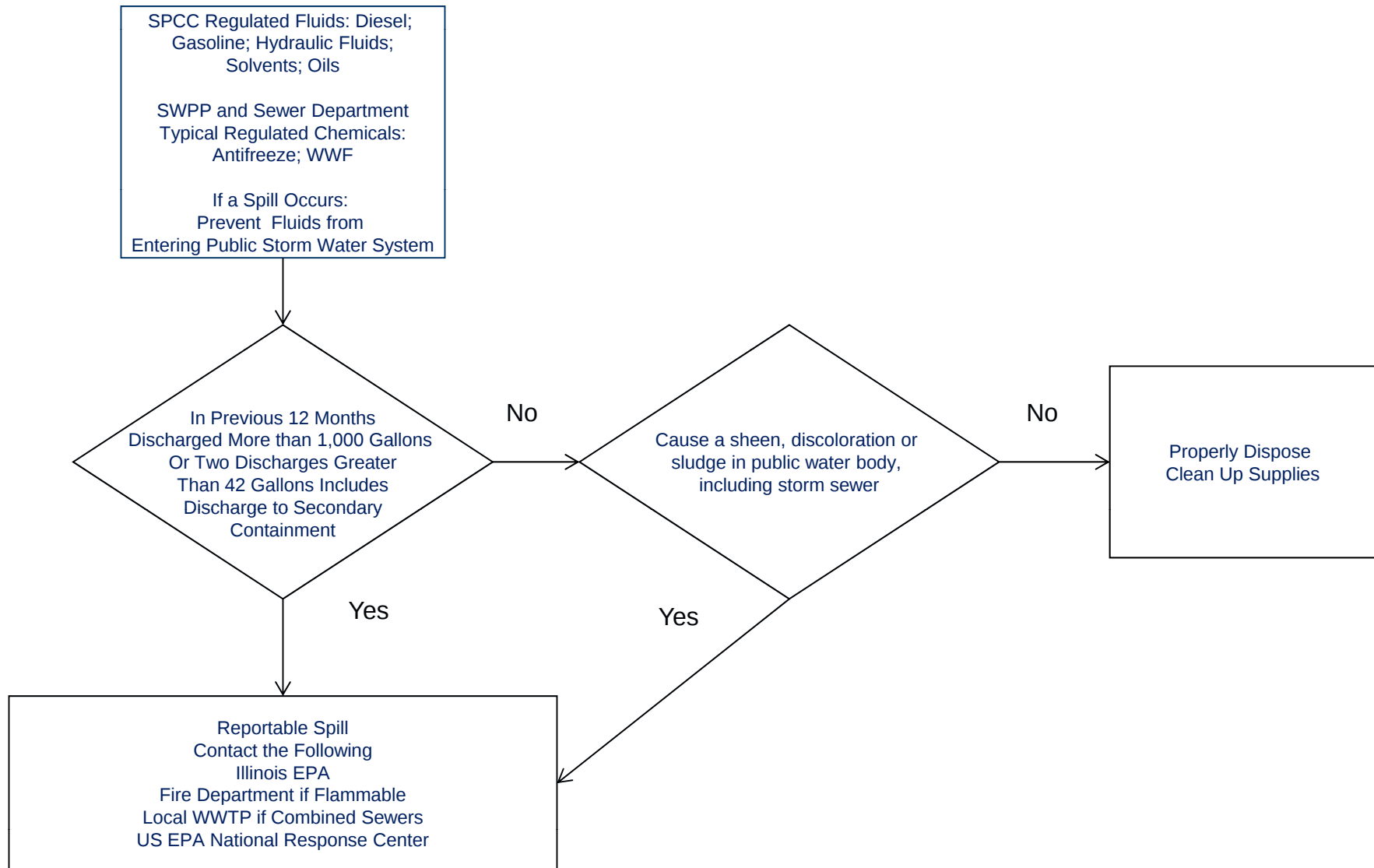
TABLE 1	PREVENTIVE MAINTENANCE SCHEDULE.....	7
TABLE 2	STORAGE TANK CONTAINMENT POTENTIAL SPILL DIRECTION	14
TABLE 3	CONTRIBUTION OF SIGNIFICANT MATERIALS TO RUN OFF.....	31

APPENDICES

APPENDIX A	USEPA SPCC REGULATORY CROSS REFERENCE MATRIX
APPENDIX B	FIGURE 1 SITE LOCATION MAP
	FIGURE 2 SITE FEATURES MAP
APPENDIX C	INSPECTION CHECK LIST FORMS (40 CFR 112.7(e) 40 CFR 112.7(k)(2)(i))
APPENDIX D	SPILL REPORTING GUIDELINES
APPENDIX E	RECORDS OF INSPECTIONS AND TESTS SIGNED KEPT 3 YEARS (40 CFR 112(e))
APPENDIX F	STORM WATER VISUAL ASSESSMENT RECORDS
APPENDIX G	CORRESPONDENCE
APPENDIX H	ANNUAL REVIEW RECORDS
APPENDIX I	NPDES PERMIT
APPENDIX J	TRAINING RECORDS
APPENDIX K	SARA TIER II REPORTS

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan
REPORTABLE SPILL PROCESS FLOW SCHEMATIC**

Reportable Spills for SPCC & SWPP Regulated Facilities



**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

SUMMARY INFORMATION PAGE

FACILITY LOCATION:

Allied Waste of Melrose Park
5050 West Lake Street
Melrose Park, IL 60160
Section 18, Town 31N, Range 14E
Lat. 41.8993767, Long. -87.8971318

SIC Code 4212 Local Trucking
Without Storage

NAICS Code 562111 Refuse
Collection services

Receiving Body of Water: Addison
Creek

FACILITY OWNER:

Allied Waste of Melrose Park
5050 West Lake Street
Melrose Park, IL 60160
Phone: 708 906-0145

NPDES Number: ILR006971

Expires: April 30, 2014

TECHNICAL CONTACTS:

Primary SPCC/SWPP Coordinator:

Division Manager: Matt Norman
708 897-3217
mnorman@republicservices.com

Secondary SPCC/SWPP Coordinator:

General Manager: Robert Greco
224 324 0153
RGreco@republicservices.com

Melrose Park Fire Protection District	911
Police Department	911 / 815 472-202
IEPA Emergency 24 Hour	800 782-7860
National Response Center (U.S. Coast Guard)	800 424-8802
U.S. Environmental Protection Agency Region 5	800 621-8431
Cook County Emergency Planning Committee	800 782-7860
Applied Science & Technology, Inc.	810 225-2800

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

REPORTABLE SPILLS

Reportable spills are described in the following sections of 40 CFR 110 and 40 CFR 112:

§ 110.3 Discharge of oil in such quantities as “may be harmful” pursuant to section 311(b)(4) of the Act.

For purposes of section 311(b)(4) of the Act, discharges of oil in such quantities that the Administrator has determined may be harmful to the public health or welfare or the environment of the United States include discharges of oil that:

- (a) Violate applicable water quality standards; or*
- (b) Cause a film or sheen upon or discoloration of the surface of the water or adjoining shorelines or cause a sludge or emulsion to be deposited beneath the surface of the water or upon adjoining shorelines.*

§112.2 Definitions

Discharge includes, but is not limited to, any spilling, leaking, pumping, pouring, emitting, emptying, or dumping of oil.

As stated in 40 CFR 112.4 whenever the facility has discharged more than 1,000 U.S. gallons of oil in a single discharge (including discharge to secondary containment) or discharged more than 42 U.S. gallons of oil in each of two discharges as described in §112.1(b), occurring within any twelve month period, the facility must submit a description of the spill and additional preventative measures to the Regional Administrator within 60 days.

The US EPA regulations contained in 40 CFR Part 112.4(a) requires that the Facility report to the Region 5 Administrator of the EPA within 60 days of the release, under the following conditions:

- If an oil discharge of more than 1,000 gallons occurs in a single spill event; or
- If the release(s) enter a receiving water; or
- If two discharges of more than 42 gallons of oil occurs within any 12-month period; or
- If a release of a significant material (potentially polluting material such as antifreeze or windshield washer fluid) to a public body of water or storm sewer.

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

EMERGENCY

Westlake Hospital 1225 W Lake St Melrose Park, IL 60160 708-681-3000
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SPILL RESPONSE CONTRACTORS

Premium Environmental Services (PES) (Contracted to Republic Services) 866 553-4100 Website: www.premiumenvironmentalservices.com	National Industrial Maintenance, Inc. 4530 Baring Ave. East Chicago, IN 46312 Contact: Mr. William Dennison Phone: (219) 398-6660 (800) 551-2218 Website: www.nimin.com
Tierra Environmental and Industrial Services 3821 Indianapolis Blvd. East Chicago, IN 46312 Contact: Ron Holmes Phone: (219) 398-4000 (888) 551-1998 Website: www.tierra-environmental.com	North Branch Environmental 7N 458 Garden Ave. Roselle, Illinois 60172 (630) 529-0240 (800) 281-0240 Fax: (630) 529-0837 nbenvironmental@gmail.com
Patrick B. Murphy, Inc. 6301 So. Garfield Ave. Burr Ridge, IL 60527 Contact: Patrick Murphy Phone: (630) 986-1050 Website: www.perfectplumber.com	SET Environmental, Inc. 420 W 194 th Street Glenwood IL 60425 Contact: Joe Martynowicz (708) 430-8020 Fax: 708-754-5740 http://www.setenv.com
Safety-Kleen 633 East 138th St. Dolton, IL 60419 Phone Number: (708) 225-8500 Fax Number: (708) 225-8505	Safety-Kleen 1500 East Villa St. Elgin, IL 60120 Phone Number: (847) 468-6600 Fax Number: (847) 468-6772

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

CERTIFICATION AND MANAGEMENT APPROVAL

As stated in 40 CFR Part 112.7 – “If you are the owner or operator of a facility subject to this part you must prepare a Plan in accordance with good engineering practices. The Plan must have the full approval of management at a level of authority to commit the necessary resources to fully implement the Plan.”

Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document that I have the level of authority to commit the necessary resources to fully implement this SPCC Plan.

Signature _____

Date: _____

Name _____

Title _____

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

CERTIFICATION BY REGISTERED PROFESSIONAL ENGINEER

By means of this certification, I attest that I am familiar with the requirements of provisions of 40 CFR Part 112, that I or my designated agent have visited and examined the facility, that this SPCC Plan has been prepared in accordance with good engineering practices, including consideration of applicable industry standards, and with the requirements of this Part, that procedures for required inspection and testing have been established and that the Plan is adequate for the facility.

Engineer Signature
Bruce Bawkon, P. E.

Date of Plan Certification

32011 Michigan

Registration No. and
State

ASTI Environmental
10448 Citation Drive
Brighton, MI 48116

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

40 CFR 112.20 CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA

Facility Name: Allied Waste of Melrose Park
Facility Address: 5050 West Lake Street, Melrose Park, IL 60160

1. Does the facility transfer oil over water to or from vessels and does the facility have a total oil storage capacity greater than or equal to 42,000 gallons?

Yes ☐ No ☒

2. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and does the facility lack secondary containment that is sufficiently large to contain the capacity of the largest aboveground oil storage tank plus sufficient freeboard to allow for precipitation within any aboveground oil storage tank area?

Yes ☐ No ☒

3. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate formula in Attachment C-III to this appendix or a comparable formula¹) such that a discharge from the facility could cause injury to fish and wildlife and sensitive environments? For further description of fish and wildlife and sensitive environments, see Appendices I, II, and III to DOC/NOAA's "Guidance for Facility and Vessel Response Plans: Fish and Wildlife and Sensitive Environments" see Appendix E to this part, section 10, for availability) and the applicable Area Contingency Plan.

Yes ☐ No ☒

4. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate formula in Attachment C-III to this appendix or a comparable formula) such that a discharge from the facility would shut down a public drinking water intake²?

Yes ☐ No ☒

5. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and has the facility experienced a reportable oil spill in an amount greater than or equal to 10,000 gallons within the last 5 years?

Yes ☐ No ☒

¹ If a comparable formula is used, documentation of the reliability and analytical soundness of the comparable formula must be attached to this form.

² For the purposes of 40 CFR part 112, public drinking water intakes are analogous to public water systems as described at 40 CFR 143.2(c).

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

Certification:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Signature: _____ Title _____

Name: _____ Date: _____

SELF-SELECTION CRITERIA

Under the rule, a facility falls under the “substantial harm” category if it meets at least one of the following criteria:

I. The facility has a total storage capacity greater than or equal to 42,000 gallons and performs over-water oil transfers to or from vessels; or

II. The facility has a total storage capacity greater than or equal to one million gallons, and meets any one of the following conditions:

A. Does not have adequate secondary containment for each aboveground storage area;

B. Is located such that a discharge could cause “injury” to an environmentally sensitive area;

C. Is located such that a discharge would shut down a public drinking-water intake; or

D. Has had, in the past 5 years, a reportable spill greater than or equal to 10,000 gallons.

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

STORM WATER POLLUTION PREVENTION PLAN CERTIFICATION

I certify under penalty of law that the storm water drainage system in this SWPPP has been tested or evaluated for the presence of non-storm water discharges either by me, or under my direction and supervision. I certify under penalty of law that this SWPPP has been developed in accordance with the General Permit and with good engineering practices. To the best of my knowledge and belief, the information submitted is true, accurate, and complete. At the time this plan was completed no unauthorized discharges were present. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.

Permittee or Authorized Representative
Printed Name & Title:
Signature & Date:

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

PLAN REVIEW RECORD - § 112.5(B) NPDES PERMIT SECTION E.9

Records of annual reviews prior to this revision are located in Appendix H.

Date of Review	Name of Person Conducting Review	Summary of Comments/Revisions Made

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

HISTORY OF SIGNIFICANT SPILLS AND LEAKS

Based on historical information provided by the Facility operator, the Facility has experienced no reportable or significant releases at this site since the start of operations.

In the event of any significant spills or leaks that occur subsequent to the implementation of this Plan, a summary of the event will be noted in the table below within 14 calendar days of knowledge of the release and the Plan will be reviewed and modified where appropriate.

Date	Source of Spill	Material	Area Affected	Corrective Actions

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

1.0 INTRODUCTION

This combined Spill Prevention Control and Countermeasure Plan, Pollution Incident Prevention Plan and Storm Water Pollution Prevention Plan (Plan) has been prepared for the Allied Waste of Melrose Park. A Site Features Map is provided in Appendix B.

In accordance with 40 CFR Part 112., entitled "Oil Pollution Prevention," and the State of Illinois Environmental Protection Agency (IEPA) General NPDES Permit No. ILR005950 this Plan has been developed to provide procedures and measures for minimizing the potential discharge of oil³ and potentially polluting materials from storage and transfer activities into navigable waters of the United States.

Allied Waste of Melrose Park is a municipal solid waste hauling facility. Waste collection vehicles are parked at the facility and repaired inside the maintenance building. Solid waste is not stored at the facility.

1.1 Implementation of Plan - §112.3(b)(1)

40 CFR 112.3(b)(1) If your oil production facility as described in paragraph (a)(1) of this section becomes operational after November 10, 2011, or as described in paragraph (a)(2) of this section becomes operational after November 10, 2010, and could reasonably be expected to have a discharge as described in § 112.1(b), you must prepare and implement a Plan within six months after you begin operations.

This plan was prepared to comply with the requirements of 40 CFR 112.3(b).

1.2 Professional Engineer (PE) Certification - §112.3(d)

40 CFR 112.3(d)(1) Except as provided in § 112.6, a licensed Professional Engineer must review and certify a Plan for it to be effective to satisfy the requirements of this part.

By means of this certification the Professional Engineer attests:

- (i) That he is familiar with the requirements of this part ;*
- (ii) That he or his agent has visited and examined the facility;*
- (iii) That the Plan has been prepared in accordance with good engineering practice, including consideration of applicable industry standards, and with the requirements of this part;*
- (iv) That procedures for required inspections and testing have been established; and*
- (v) That the Plan is adequate for the Facility*

³ Section 311 of the Clean Water Act defines oil as "oil of any kind or in any form, including, but not limited to, petroleum, fuel oil, sludge, oil refuse and oil mixed with wastes other than dredged spoil." EPA interprets this definition to include crude oil and refined petroleum products, as well as such non-petroleum products as vegetable and animal oils.

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

The original Plan must be reviewed and certified by a licensed Professional Engineer to ensure that this Plan meets the guidelines set forth in 40 CFR Part 112 and applicable State of Illinois requirements. All technical amendments to this Plan must be certified by a Professional Engineer. Certification consists, at a minimum, of a stamped, signed statement by a Professional Engineer that this Plan meets federal and State requirements. This certification is located on page xiv of this Plan. Non-technical⁴ amendments need not be certified by a Professional Engineer.

1.3 Plan Maintained at Facility - §112.3(e)(1) &(2)

40 CFR 112.3(e)(1)&(2) (1) The Plan must be maintained at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended, and (2) The Plan must be made available to the Regional Administrator for on-site review during normal working hours.

A copy of the Plan and associated records are retained at the facility. Upon request, a copy of the Plan will be made available to: Federal, State or local officials with jurisdiction over SPCC and SWPP Plans.

1.4 Amendment of Plan - §112.5(a) NPDES Permit Section E.4

40 CFR 112.5(a) Amend the SPCC Plan for your facility in accordance with the general requirements in § 112.7, and with any specific section of this part applicable to your facility, when there is a change in the facility design, construction, operation, or maintenance that materially affects its potential for a discharge as described in § 112.1(b).

The Facility will amend this plan at the time of the annual review, if required, or if any of the following situations occur:

1. There is a change in facility design; or
2. There is construction which modifies the facility; or
3. There is a change in operation or maintenance procedures which materially affects the facility's potential to discharge oil or other hazardous substances into or upon water or adjoining shorelines; or
4. A tank is commissioned or decommissioned, replaced, reconstructed or moved; or
5. A piping system is replaced, reconstructed or installed.

⁴ The regulatory preamble states that non-technical amendments include items such as changes to the contact list or telephone numbers, product changes if the new product is compatible with existing conditions, and other changes that do not materially affect the facility's potential to discharge oil. If the owner or operator is unsure of the status of a change, he should have the Plan certified.

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

Whenever one of the above conditions occurs, management will review and amend this Plan as soon as possible. In no event will this review and/or amendment occur later than six months after such a condition occurs. Plan reviews will be documented within this Plan, as shown in the preceding Management Record of Reviews.

The Plan will be amended within 30 days of any review to include more effective prevention and control technology if:

1. Such technology will significantly reduce the likelihood of a spill event from the facility; and
2. Such technology has been field-proven at the time of the review.

The EPA Regional Administrator may also require amendment of this Plan if he determines that the Plan does not satisfy the SPCC requirements or amendment is necessary to prevent and contain discharges from the facility.

Management Approval of the Plan is provided on page xiii, and will be updated each time the Plan is modified, or every three years, whichever is less.

1.5 Review of Plan - §112.5(b) NPDES Permit Section E.9

40 CFR 112.5(b) Notwithstanding compliance with paragraph (a) of this section, complete a review and evaluation of the SPCC Plan at least once every five years from the date your facility becomes subject to this part;

In accordance with 40 CFR Part 112.5(b), a review and evaluation of the Spill Prevention Control and Countermeasure (SPCC) Plan is conducted at least once every five years. The Storm Water Pollution Prevention Plan requires review annually. Therefore, the Facility is required to review this Plan every year and, furthermore, within 30 days if any of the following guidelines are applicable:

- When required by the US EPA or IEPA or local municipality after review of the Plan;
- Whenever there is a change in facility design, construction, operations, or maintenance that materially affects the potential for an oil spill; and
- At the time of the required annual review of the plan, if the review indicates more effective control and prevention technology will significantly reduce the likelihood of a spill event (if such technology has been field proven).

Any technical amendment to the Plan shall be certified by a Professional Engineer within 30 days after a change in the facility design, construction, operation, or maintenance occurs which materially affects the facility's potential for the discharge of oil into or upon the navigable waters

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

of the United States or adjoining shorelines. Non-technical amendments, such as telephone numbers and names, need not be certified by a Professional Engineer.

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

2.0 GENERAL REQUIREMENTS 40 CFR 112.7

2.1 General Requirements Conformance with Rule Requirements - §112.7(a)(1); §112.8(a)

40 CFR 112.7(a)(1) Include a discussion of your facility's conformance with the requirements listed in this part.

40 CFR 112.8(a) Meet the general requirements for the Plan listed under § 112.7, and the specific discharge prevention and containment procedures listed in this section.

This Plan is consistent with the requirements of 40 CFR Part 112. The SPCC regulations establish requirements designed to prevent the discharge of oil from non-transportation related facilities to navigable waters of the United States. These regulations require subject facilities that could reasonably be expected to discharge oil to prepare SPCC plans that describe the equipment and methods used to prevent spills and to respond to a spill.

40 CFR Part 112 contains two applicability criteria that must be evaluated when determining if the regulation applies to a facility. The first criterion is as follows:

- *"Underground storage tank capacity in excess of 42,000 gallons or a combined aboveground storage capacity in excess of 1,320 gallons"*

Only oil containers with a capacity of 55 gallons or greater, which are not permanently closed, count towards the 1,320-gallon threshold. Completely buried tanks subject to all of the technical requirements of 40 CFR Part 280 or a State program approved under 40 CFR Part 281 and underground tanks that are permanently closed do not count towards the 42,000-gallon threshold.

The second criterion that must be assessed when determining the applicability of 40 CFR 112 is as follows:

- *"...could reasonably be expected to discharge oil in harmful quantities...into or upon the navigable waters of the United States or adjoining shorelines, or waters of the contiguous zone, or in connection with activities under the Outer Continental Shelf Act or Deepwater Port Act, or affecting certain natural resources."*

Based on communications with EPA regulators, it is ASTI's understanding that the US EPA interprets the potential of discharge to surface water very broadly, and that most facilities exceeding the volumetric thresholds must develop and implement SPCC Plans.

A regulatory cross-reference matrix that identifies where the SPCC requirements are addressed by this Plan is included in Appendix A.

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

2.2 Deviation from Plan Requirements - §112.7(a)(2)

40 CFR 112.7(a)(2) Comply with all applicable requirements listed in this part.

There are no deviations from the applicable requirements for 40 CFR 112.7.

2.3 Physical Layout Site Plan - §112.7(a)(3) NPDES Permit section E.5.a. b. e

40 CFR 112.7(a)(3) Describe in your Plan the physical layout of the facility and include a facility diagram, which must mark the location and contents of each container. The facility diagram must include completely buried tanks that are otherwise exempted from the requirements of this part under 112.1(d)(4). The facility diagram must also include all transfer stations and connecting pipes.

Figure 1 – Site Location Map serves at the general location map and identifies the location of the facility and the receiving waters within one mile of the facility.

Figure 2– Site Features Plan includes the following features: surface water flow direction; locations of material storage areas (i.e., above ground storage tanks, and drum storage areas including identification of contents); and locations where major spills or leaks have occurred (if applicable). The facility is approximately 15 acres. Paved road and buildings occupy approximately 95% of the facility. The remaining area consists of gravel parking and grass.

2.4 Discharge Prevention Measures - §112.7(a)(3)(ii) NPDES Permit Section E.5.c.iii

40 CFR 112.7(a)(3)(ii) Discharge prevention measures including procedures for routine handling of products (loading, unloading, and facility transfers, etc.) must be provided in your Plan.

Non-structural, structural, and other measures intended to protect surface water and groundwater quality are referred to as Best Management Practices (BMPs). BMP measures are referenced as “preventive measures” or “preventive systems.” All such measures are referenced as BMPs within this Plan.

The Facility currently implements several specific spill prevention control BMPs to prevent the discharge of oil identified at each of the potential pollutant sources from reaching navigable waters of the United States or adjoining shorelines.

These BMPs include all of the following:

- Storage of materials in appropriate containers and locations;
- Convenient placement of spill kits and cleanup equipment;
- Consistent monitoring of equipment in operation;

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

- Filling of large storage containers with small ones, thereby reducing the possibility of a significant spill;
- Delivery of oils and fuels from tank trucks is performed in accordance with applicable U.S. DOT regulations;
- Facility inspections; and
- Annual training of employees on oil and polluting materials handling and spill procedures.

In some cases, certain SPCC requirements may be satisfied by implementing other equivalent environmental measures. If this approach has been used in lieu of satisfying specific SPCC requirements, the approach will be identified in this Section. There are no alternative methods that require an explanation in this Section.

Table 1 - Preventive Maintenance Schedule		
Equipment/Area	Tasks	Frequency (Minimum)
Vehicle parking area	Inspect for significant oil or fuel leaks from vehicles and remove debris	Daily
Outside areas	Remove debris	Daily
Material storage areas	Ensure materials are properly stored and free of damage or leakage	Daily
Inside building	Inspect for damages or leaking storage containers	Daily
Solid Waste Containers	Containers are closed or empty and are not leaking	Daily
Equipment not in use	Stored indoors or covered and free of leaks	Daily
On site vehicles and equipment	Check for signs of leakage, maintain as needed	Daily

Sufficient absorbent materials are located next to the diesel fuel UST dispenser and in the maintenance building.

Routine spill response and cleanup activities are handled by site personnel. Absorbent materials are located in the maintenance shop and throughout the building. Spills are addressed immediately upon detection to minimize the potential for impact to navigable waters and groundwater. If a spill is too large to be managed effectively by facility personnel, the spill clean up contractor is contacted for assistance.

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

2.5 Discharge Drainage Controls - §112.7(a)(3)(iii)

40 CFR 112.7(a)(3)(iii) (iii) Discharge or drainage controls such as secondary containment around containers and other structures, equipment, and procedures for the control of a discharge;

Secondary containment is provided for all storage containers of oil and polluting materials. Any material that collects within the secondary containment structures will be disposed in accordance with applicable laws and regulations.

2.6 Spill Response - §112.7(a)(3)(iv)

40 CFR 112.7(a)(3)(iv) Countermeasures for discharge discovery, response, and cleanup (both the facility's capability and those that might be required of a contractor) must be addressed in the Plan.

All employees are trained to notify their respective supervisor or the spill coordinator upon discovery of a spill or leak. If an employee notifies their supervisor, then the supervisor (or employee if their respective supervisor was unavailable) must immediately contact the spill coordinator.

2.6.1 Assessment of Spill

- Identify the character, source, amount, and real extent of any released materials.
- Assess possible hazards to human health or the environment that may result from the emergency situation. In making this assessment, the Spill Coordinator considers both direct and indirect effects, including hazardous gases or surface water runoff resulting from fires or explosions. If such hazard is determined to exist, the emergency coordinator:
 - Evaluates whether a local evacuation may be advisable, and immediately notifies the appropriate local authorities;
 - Helps local officials decide whether local areas should be evacuated; and
 - Follows the procedures in the Section 2.6 Spill Response in this Plan to determine whether immediate verbal notification to authorities is required

2.6.2 Containment of Spill

- Cease all activities and if possible secure all transfer operations being conducted in the area of the emergency.
- Make all reasonable attempts to contain the spill to prevent any further danger to persons or the environment, such as stopping processes and operations, containing released waste, and removing or isolating containers.

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

- If the extent or location of the emergency prevents safely containing the spill, isolate the problem to the extent possible until additional resources (e.g., Fire Department) arrive.
- If facility operations are stopped, the Spill Coordinator monitors for leaks, pressure buildup, gas generation or equipment ruptures, when appropriate.
- Upon the arrival of the Fire Department, advise the officer in command of the nature of the materials involved, unusual spill control techniques and safety procedures. Provide the officer in command with any information that is requested pertaining to the materials and assist him as requested.

2.6.3 Spill Clean Up Supplies

The facility has bags of absorbent in the building to construct temporary dikes and shovels, and brooms to clean up the used absorbent. If the spill cannot be cleaned up with absorbent a spill clean-up contractor will be used.

2.7 Methods of Disposal - §112.7(a)(3)(v)

40 CFR 112.7(a)(3)(v) Methods of disposal of recovered materials in accordance with applicable legal requirements must be addressed in the Plan

Spilled material and waste generated from spill response activities are stockpiled at grade on a protective flexible membrane indoors or covered are containerized in accordance with applicable regulatory requirements, or other acceptable method prior to shipment offsite for disposal. The waste is characterized for disposal through generator knowledge, review of Safety Data Sheets (SDS), or sample analysis. If necessary to characterize the waste for disposal, a representative sample of the waste is submitted to a certified laboratory for analysis. The waste is transported by a licensed waste transporter to an appropriate waste disposal, treatment, or recycle facility.

2.8 Contacts - §112.7(a)(3)(vi)

40 CFR 112.7(a)(3)(vi) A contact list and phone numbers for the facility response coordinator, National Response Center, cleanup contractors with whom you have an agreement for response, and all appropriate Federal, State, and local agencies must be addressed in the Plan.

Immediately call 911 to notify the local and/or state police, Fire Department, clean-up contractor(s) and/or Ambulance Services with designated roles as appropriate in the event of a hazardous material spill. A list of contractors is provided on page viii of this plan.

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

If an oil release and corrective actions result in changes to the facility's operation or maintenance, then revision of this Plan is required within six months (40 CFR 112.5[a]). In the event of any significant spills or leaks that occur subsequent to the implementation of this plan.

2.9 Spill Reporting Information - §112.7(a)(4) NPDES Permit Section E.6.d

40 CFR 112.7(a)(4) Unless you have submitted a response plan under 112.20, provide information and procedures in your Plan to enable a person reporting a discharge to relate relevant information about the facility (i.e., location and phone number) and the discharge (e.g., date and time, type of material, quantity, source, etc.).

2.9.1 Oil Spill (40 CFR 110.6 and 40 CFR 112.4)

The US EPA regulations contained in 40 CFR Part 112.4(a) requires that the Facility report to the Region 5 Administrator of the EPA within 60 days of the release, under the following conditions:

- If an oil discharge of more than 1,000 gallons occurs in a single spill event; and
- If the release(s) enter a receiving water; or
- If a discharge of more than 42 gallons of oil occurs in each of two discrete spill events within any 12-month period; and
- If the release(s) enter a receiving water.

The spill report will contain the following information:

- Name of the facility;
- Name(s) of the owners or operator of the facility;
- Location of the facility;
- Maximum storage or handling capacity of the facility and normal daily throughput;
- The corrective actions and/or countermeasures taken, including a description of equipment repairs or replacements;
- An adequate description of the facility, including maps, flow diagrams and topographical maps;
- The cause(s) of such release, including a failure analysis of the system or subsystem in which a failure occurred;
- Additional preventive measures taken or contemplated to minimize the possibility of recurrence; and
- Other information as the EPA Region 5 Administrator may reasonably require pertinent to the Plan or spill event.

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

- Written reports to the Region 5 Administrator of the EPA should be sent to the following address:

USEPA Great Lakes
Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604-3507

2.9.2 Twenty-four hour reporting

The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and time; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The following shall be included as information which must be reported within 24 hours:

- (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
- (2) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit to be reported within 24 hours.

The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.

Submit the report to the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Permit Section #15
Post Office Box 19276
Springfield, Illinois 62794-9276

2.9.3 Actions Following an Emergency

Immediately after an emergency release of hazardous material, the Spill Response Coordinator:

- Provides for treating, storing, or disposing of recovered waste, contaminated soil or surface water, or any other material that results from a release, fire, or explosion at the facility. The waste material from the clean-up effort must be characterized. Representative sampling and analysis may be necessary to make this determination.

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

- Ensures that incompatible waste does not come in contact with the released waste.
- Coordinates the cleaning and decontamination of all emergency equipment used during the emergency and ensures readiness or replacement before transfer operations resume in the affected area of the facility.
- For releases that are hazardous wastes or result in the generation of hazardous wastes, the Spill Response Coordinator notifies the Illinois EPA prior to resuming operations in the affected area.

2.9.4 Other Follow-up Actions

Following any spill, the Spill Response Coordinator will evaluate the success of the spill response, and offer recommendations necessary to improve the effectiveness of the spill response procedures, equipment, or construction. Emergency and spill response information that may be evaluated, if applicable, includes:

- Response time of facility personnel;
- Response time and effectiveness of Spill Response Coordinator;
- Response and preparedness of the fire department, community hospital, etc.;
- Capabilities of emergency equipment;
- Identification of character of emergency and special precautions taken during response;
- Containment of spill, leak or fire;
- Cleanup and disposal of resultant cleanup material and waste;
- Internal communication systems; and
- Evacuation of emergency area.

2.10 Discharge Procedures - §112.7(a)(5) NPDES Permit Section E.7

40 CFR 112.7(a)(5) *Organize portions of the Plan that describe the procedures you will use when a discharge occurs in a way that will make them readily usable in an emergency.*

Hazardous Materials Spill Response Procedures are on page vii.

2.11 Failure Prediction Facility Drainage - §112.7(b); §112.8(a) NPDES Permit Section E.5.c.i; 5.d; 6.d

Site reconnaissance was conducted by ASTI to review the physical features of the facility; and identify areas of storage, transfer, and use oil products and potentially polluting materials that are subject to the SPCC and SWPP regulations.

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

40 CFR 112.7 (b) Where experience indicates a reasonable potential for equipment failure (such as loading or unloading equipment, tank overflow, rupture, or leakage, or any other equipment known to be a source of a discharge), include in your Plan a prediction of the direction, rate of flow, and total quantity of oil which could be discharged from the facility as a result of each type of major equipment failure.

40 CFR 112.8: If you are the owner or operator of an onshore facility (excluding a production facility), you must: (a) Meet the general requirements for the Plan listed under § 112.7, and the specific discharge prevention and containment procedures listed in this section.

Based on information provided by the Facility and observations made during reconnaissance, an inventory was completed of all types of oil product storage at the facility and associated activities. Table 2 provides a description of the types and amounts of materials stored on-site, the associated pollutants, and an evaluation of the degree of risk posed to water quality or potentially impacted navigable bodies of water. The descriptions include product stored in aboveground storage containers, oil filled equipment and transfer lines, spill containment tanks, portable tanks, and drum storage at the facility. These source areas are also identified on Figure 2.

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

Table 2 – Storage Tank Containment Potential Spill Direction						
Product and Location	Major Type of Failure	Container Type	Capacity of Each Container (gallons)	Spill Rate (gal/hr)*	Direction of Flow	Secondary Containment Construction
AST No. 1 motor oil maintenance oil storage room	Rupture Puncture	Steel AST	1,000	1,000	Into secondary containment	Double wall tank
AST No. 2 used oil maintenance oil storage room	Rupture Puncture	Steel AST	500	500	Into secondary containment	Double wall tank
AST No. 3 hydraulic oil. Maintenance oil storage room	Rupture Puncture	Steel AST	500	500	Into secondary containment	Double wall tank
AST No. 4 hydraulic oil maintenance oil storage room	Rupture Puncture	Steel Drum	1,000	1,000	Into secondary containment	Double wall tank
AST No. 5 antifreeze maintenance oil storage room	Rupture Puncture	Steel AST	250	250	Into secondary containment	Double wall tank
55 gallon drums hydraulic oil maintenance oil storage room	Rupture Puncture	Steel drum	55	55	Into plastic drum overpack	Plastic drum overpack
UST No. 1 10,000 Gallon Diesel Fuel	Leak Overfill	Fiberglass	10,000	10,000	Into spill containment	Double wall tank
UST No. 2 10,000 Gallon Diesel Fuel	Leak Overfill	Fiberglass	10,000	10,000	Into spill containment	Double wall tank
250 gallon AST Truck maintenance area	Leak Overfill	Steel AST	250	250	Into secondary containment	Double wall tank

*Estimated; actual rate will depend on type of failure

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

2.12 Containment - §112.7(c) NPDES Permit Section E.5.c.ii; 5.c.iii; 6.e.i; 6.e.vi

40 CFR 112.7 (c) *Appropriate containment and/or diversionary structures or equipment to prevent discharged oil from reaching a navigable watercourse must be provided. The entire containment system, including walls and floor, must be capable of containing oil and must be constructed so that any discharge from a primary containment system, such as a tank or pipe, will not escape the containment system before cleanup occurs. One of the following preventive systems or its equivalent must be used as a minimum:*

Onshore facilities:

- (i) Dikes, berms or retaining walls sufficiently impervious to contain oil;*
- (ii) Curbing;*
- (iii) Culverting, gutters or other drainage systems;*
- (iv) Weirs, booms or other barriers;*
- (v) Spill diversion ponds;*
- (vi) Retention ponds;*
- (vii) Sorbent materials.*

All oil and polluting materials have secondary containment. Sufficient spill control equipment is maintained in sufficient quantities to manage the largest possible spill at the facility.

Transformers are pole mounted and located south of the main maintenance building.

Non-structural controls are designed to minimize the potential for a spill. The non-structural controls identified in this plan include inspections, employee training, a preventative maintenance program, and housekeeping program.

2.13 Explanation of Impracticability of Secondary Containment- §112.7(d)

40 CFR 112.7 (d) Explanation of impracticability of secondary containment *Provided your Plan is certified by a licensed Professional Engineer under § 112.3(d), or, in the case of a qualified facility that meets the criteria in § 112.3(g), the relevant sections of your Plan are certified by a licensed Professional Engineer under § 112.6(d), if you determine that the installation of any of the structures or pieces of equipment listed in paragraphs (c) and (h)(1) of this section, and §§112.8(c)(2), 112.8(c)(11), 112.9(c)(2), 112.10(c), 112.12(c)(2), and 112.12(c)(11) to prevent a discharge as described in § 112.1(b) from any onshore or offshore facility is not practicable, you must clearly explain in your Plan why such measures are not practicable; for bulk storage containers, conduct both periodic integrity testing of the containers and periodic integrity and leak testing of the valves and piping;*

The use of containment, diversionary structures, and readily available spill equipment to prevent the discharge of oil or polluting materials from reaching navigable waters is practical and effective at this facility. All containers have secondary containment.

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

2.14 Applicable State or Local Requirements - §112.7(d)(1); §109.3;
§112.7(k)(2)(ii)(A)

40 CFR 112.7 (d)(1) *An oil spill contingency plan following the provisions of part 109 of this chapter.*

40 CFR 109.3 Purpose and Scope *The guidelines in this part establish minimum criteria for the development and implementation of State, local, and regional contingency plans by State and local governments in consultation with private interests to insure timely, efficient, coordinated and effective action to minimize damage resulting from oil discharges.*

40 CFR 112.7 (k)(2)(ii)(A) *Unless you have submitted a response plan under § 112.20, provide in your Plan the following: (A) An oil spill contingency plan following the provisions of part 109 of this chapter.*

As stated in General Requirements, this plan complies with the requirements of Title 35: Environmental Protection Subtitle C: Water Pollution.

2.15 Written Commitment of Manpower - §112.7(d)(2); §109.3; §112.7 (k)(2)(ii)(B)

40 CFR 112.7(d)(2) *A written commitment of manpower, equipment, and materials required to expeditiously control and remove any quantity of oil discharged that may be harmful.)*

40 CFR 112.7 (k)(2)(ii)(B) *A written commitment of manpower, equipment, and materials required to expeditiously control and remove any quantity of oil discharged that may be harmful.*

As stated in the Certification and Management Approval, management has committed the necessary resources to fully implement the plan.

2.16 Inspections - §112.7(e); §112.7(k)(2)(i) NPDES Permit Section E.6.h

40 CFR 112.7(e) **Inspections, tests, and records** - *Conduct inspections and tests required by this part in accordance with written procedures that you or the certifying engineer develop for the facility. You must keep these written procedures and a record of the inspections and tests, signed by the appropriate supervisor or inspector, with the SPCC Plan for a period of three years. Records of inspections and tests kept under usual and customary business practices will suffice for purposes of this paragraph.*

40 CFR 112.7(k)(2)(i) *(i) Establish and document the facility procedures for inspections or a monitoring program to detect equipment failure and/or a discharge;*

To prevent the discharge of oil from storage tanks, reservoirs, or drums, visual inspections of the facility and all related functional areas are conducted quarterly using the Inspection Checklist form (Appendix C). The site also conducts daily inspections.

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

The Inspection Checklist will be used by the Facility to document inspections. Corrective actions for any deficiencies are noted during the inspections. Any issues (e.g., leaks) are immediately reported to the Spill Coordinator so that prompt corrective action may be taken.

All records will be retained for three years.

2.17 Training - §112.7(f)(1) NPDES Permit Section E.6.g

40 CFR 112.7 (f)(1) Personnel instructions –At a minimum, train your oil-handling personnel in the operation and maintenance of equipment to prevent discharges; discharge procedure protocols; applicable pollution control laws, rules and regulations; general facility operations; and, the contents of the facility SPCC Plan.

Training is provided for all employees whose work is associated with oil or potentially polluting material storage and for employees who are responsible for implementing activities identified in the Plan. The training informs them of the components and goals of the Plan.

The Facility's SPCC/SWPP training is conducted at least annually and with new employees. The training identifies the components and goals of the Plan and includes a discussion of oil pollution control laws and regulations, and specific topics such as:

- Conducting inspections;
- Good housekeeping (e.g., equipment and container cleaning procedures, facility cleaning procedures);
- Material management practices (e.g., spent solvent management, used oil management);
- Procedures for routine handling of products (loading, unloading, and facility transfers, etc.);
- Spill prevention and response procedures; and
- Utilizing spill control kits located where spills might occur.

In addition, personnel who work in areas where oils are used or stored, or who are associated with bulk deliveries, are trained in, and informed of preventive measures at the facility designed to minimize the potential for oil product incidental or uncontrollable spills or leaks.

Completed training records are maintained on site.

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

2.18 Emergency Response Coordinators - §112.7(f)(2) NPDES Permit Section E.6.a

40 CFR 112.7 (f)(2) Designated person accountable for spill prevention - Designate a person at each applicable facility who is accountable for oil spill prevention and who reports to facility management.

The following are the designated Spill Response Coordinators:

Primary SPCC/SWPP Coordinator:

Matt Norman
708 897-3217
mnorman@republicservices.com

Secondary SPCC/SWPP Coordinator:

Thomas Lindemulder
708 498-5223
TLindemulder@republicservices.com

There is a Spill Response Coordinator, either on the premises or on call, at all times. These individuals are thoroughly familiar with this Plan, all operations and activities at the facility, and the location and character of oil products handled. They have the authority to commit the resources needed to carry out this Plan. They have successfully completed the necessary training to coordinate an appropriate response to spill incidents. They are also responsible for interfacing with external contacts such as police, fire, or hospital. In the event of a spill, the Spill Response Coordinator will perform the Spill Response Procedures as described on page vii and reporting procedures in Appendix D of this Plan.

2.19 Spill Prevention Coordinator - §112.7(f)(2)

40 CFR 112.7 (f)(2) Designated person accountable for spill prevention - Designate a person at each applicable facility who is accountable for oil spill prevention and who reports to facility management.

The primary and secondary Spill Response Coordinators are the designated individuals primarily responsible and accountable for spill prevention at the Facility.

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

2.20 Spill Prevention Briefings- §112.7(f)(3)

40 CFR 112.7 (f)(3) **Spill prevention briefings** - Schedule and conduct discharge prevention briefings for your oil-handling personnel at least once a year to assure adequate understanding of the SPCC Plan for that facility. Such briefings must highlight and describe known discharges as described in 112.1 (b) or failures, malfunctioning components, and any recently developed precautionary measures.

Refer to the Section 2.17 Training in this plan for an explanation of employee training programs.

2.21 Site Security - §112.7(g)(1)

40 CFR 112.7 (g)(1) **Fencing** - Fully fence each facility handling, processing, or storing oil, and lock and/or guard entrance gates when the facility is not in production or is unattended.

The facility is fully fenced. Exterior lighting is provided during night time hours to enhance security. Employees are instructed to deny entry to and report any unauthorized personnel. All visitors must check-in at the office in the maintenance building and be escorted by an employee. Sufficient lighting is present in all areas that store oils at the facility to enable an observer to rapidly detect any releases.

2.22 Flow Valves Locked - §112.7(g)(2)

40 CFR 112.7 (g)(2) **Flow valves locked** - Ensure that the master flow and drain valves and any other valves permitting direct outward flow of the container's contents to the surface have adequate security measures so that they remain in the closed position when in non-operating or non-standby status.

The facility's regulated tank systems are not equipped with drain valves.

2.23 Starter Controls Locked - §112.7(g)(3)

40 CFR 112.7 (g)(3) **Starter controls locked** - Lock the starter control on each oil pump in the "off" position and locate it at a site accessible only to authorized personnel when the pump is in a non-operating or non-standby status.

The Facility has specific BMPs related to locked starter controls that include lock out of pump motors when the pump is in a non operating status.

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

2.24 Pipeline Loading/Unloading - §112.7(g)(4)

40 CFR 112.7 (g)(4) Pipeline loading/unloading connections securely capped - Securely cap or blank-flange the loading/unloading connections of oil pipelines or facility piping when not in service or when in standby service for an extended time. This security practice also applies to piping that is emptied of liquid content either by draining or by inert gas pressure.

There are no oil pipelines for loading or unloading at the facility.

2.25 Lighting - §112.7(g)(5)

40 CFR 112.7 (g)(5) Lighting adequate to detect spills - Provide facility lighting commensurate with the type and location of the facility that will assist in the: (i) Discovery of discharges occurring during hours of darkness, both by operating personnel, if present, and by non-operating personnel (the general public, local police, etc.); and (ii) Prevention of discharges occurring through acts of vandalism.

Outside lighting is provided to assist in the early detection or prevention of an accidental or intentional release of pollutant or material as a result of vandalism, theft, sabotage or other improper uses of facility property.

2.26 Tank Car and Truck Unloading/Unloading Racks - §112.7(h)(1)

40 CFR 112.7 (h)(1) Secondary containment for vehicles - Where loading/unloading area drainage does not flow into a catchment basin or treatment facility designed to handle discharges, use a quick drainage system for tank car or tank truck loading and unloading areas. You must design any containment system to hold at least the maximum capacity of any single compartment of a tank car or tank truck loaded or unloaded at the facility.

The facility does not have loading/unloading racks subject to the secondary containment requirement.

2.27 Warning Notices for Vehicles - §112.7(h)(2)

40 CFR 112.7 (h)(2) Warning notices for vehicles - Provide an interlocked warning light or physical barrier system, warning signs, wheel chocks, or vehicle break interlock system in loading/unloading areas to prevent vehicles from departing before complete disconnection of flexible or fixed oil transfer lines.

Delivery of oils from tank trucks is performed in accordance with applicable *Department of Transportation 49 CFR Part 177 Subpart B--Loading and Unloading 177.834* regulations. Delivery vehicles must use wheel chocks. Facility personnel observe the loading and unloading process and check for complete disconnection of hoses.

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

2.28 Inspection of Vehicle Drain Outlets - §112.7(h)(3)

40 CFR 112.7 (h)(3) ***Inspection of vehicle drain outlets before departure from facility -***
Prior to filling and departure of any tank car or tank truck, closely inspect for discharges the lowermost drain and all outlets of such vehicles, and if necessary, ensure that they are tightened, adjusted, or replaced to prevent liquid discharge while in transit.

Delivery of oils from tank trucks is performed in accordance with *Department of Transportation 49 CFR Part 177 Subpart B--Loading and Unloading 177.834* regulations. Facility personnel observe the loading and unloading process and check for discharges from vehicle drains and hoses.

2.29 Field-Constructed Aboveground Container Evaluation - §112.7(i)

40 CFR 112.7 (i) ***Brittle fracture evaluation requirement –*** *Field-constructed aboveground containers undergoing repair, alteration, reconstruction, or change in service that might affect the risk of discharge or failure due to brittle fracture or other catastrophe must be evaluated. This evaluation is also necessary when there has been a discharge or failure due to brittle fracture or other catastrophe.*

There are no field-constructed aboveground containers at the Facility.

2.30 Conformance with State Requirements - §112.7(j)

40 CFR 112.7(j) *In addition to the minimal prevention standards listed under this section, include in your Plan a complete discussion of conformance with the applicable requirements and other effective discharge prevention and containment procedures listed in this part or any applicable more stringent State rules, regulations and guidelines.*

In order to fulfill the requirements of 40 CFR 112.7 (j), which require Plans to discuss conformance with applicable State rules, regulations and guidelines, compliance with several State regulations was evaluated. The State of Illinois and the US EPA have several regulatory programs that address storage facilities. Specifically these are:

- 41 Ill Adm. Code 160 Rules for Aboveground Bulk Storage Tanks;
- 41 Ill Adm. Code 180 Rules for Aboveground Fuel Dispensing Storage Tanks;
- 40 CFR 122.26 Storm Water Discharges;
- Title 35: Environmental Protection Subtitle C: Water Pollution;
- Title 41, Chapter I, Part 174 General Requirements for Underground Storage Tanks;
- Title 41, Chapter I, Part 175, Technical Requirements for Underground Storage Tanks;
- Title 41, Chapter I, Part 176, Administrative Requirements for Underground Storage Tanks

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

This facility does have underground storage tanks and is regulated under those rules. The facility also has aboveground storage tanks for oils and hydraulic fluids and is regulated by the aboveground storage tank rules.

In accordance with 40 CFR Part 112, entitled "Oil Pollution Prevention", this Plan has been developed to provide procedures and measures for minimizing the potential discharge of oil⁵ and potentially polluting materials from storage and transfer activities at the Facility into navigable waters of the United States.

No other applicable local, State or Tribal regulations have been identified for the facility.

⁵ Section 311 of the Clean Water Act defines oil as "oil of any kind or in any form, including, but not limited to, petroleum, fuel oil, sludge, oil refuse and oil mixed with wastes other than dredged spoil." EPA interprets this definition to include crude oil and refined petroleum products, as well as such non-petroleum products as vegetable and animal oils.

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

3.0 REQUIREMENTS FOR ON SHORE FACILITIES

3.1 Drainage Areas - §112.8(b)(1)

40 CFR 112.8 (b)(1) Facility drainage areas - Restrain drainage from diked storage areas by valves to prevent a discharge of oil into the drainage system or facility effluent treatment system, except where facility systems are designed to handle such discharge. Diked areas may be emptied by pumps or ejectors; however, they must be manually activated and the condition of the accumulation must be examined before starting to ensure no oil will be discharged.

Diked storage areas are not present at the site.

3.2 Valves on Diked Storage - §112.8(b)(2)

40 CFR 112.8 (b)(2) Valves used on diked area storage - Use valves of manual, open-and-closed design, for the drainage of diked areas. You may not use flapper-type drain valves to drain diked areas. If your facility drainage drains directly into a watercourse and not into an on-site wastewater treatment plant, you must inspect and may drain uncontaminated retained storm water, as provided in paragraphs (c)(3(ii), (iii), and (iv) of this section. These requirements are as follows. Inspect the retained rainwater to ensure that its presence will not cause a discharge as described in 112.1 (b). Open the bypass valve and reseal it following drainage under responsible supervision. Keep adequate records of such events, for example, any records required under permits issued in accordance with 122.41(j)(2) and 122.41(m)(3) of this chapter.

Valves are not currently utilized to drain storage areas at the facility.

3.3 Drainage Valves from Undiked Areas - §112.8(b)(3)

40 CFR 112.8(b)(3) Drainage systems from undiked areas - Design facility drainage systems from undiked areas with a potential for a discharge (such as where piping is located outside containment walls or where tank truck discharges may occur outside the loading area) to flow into ponds, lagoons, or catchment basins designed to retain oil or return it to the facility. You must not locate catchment basins in areas subject to periodic flooding.

Piping systems located outside containment structures do not discharge to the catch basins. The facility's best management practices are intended to limit the potential for a discharge from areas not directly protected by dikes.

3.4 Final Discharge of Drainage - §112.8(b)(4)

40 CFR 112.8 (b)(4) Final discharge of drainage - If facility drainage is not engineered as in paragraph (b)(3) of this section equip the final discharge of all ditches inside the facility with a diversion system that would, in the event of an uncontrolled discharge, retain oil in the facility.

There are no ditches inside the facility.

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

3.5 Facility Drainage Systems and Equipment - §112.8(b)(5)

40 CFR 112.8 (b)(5) Facility drainage systems and equipment - Where drainage waters are treated in more than one treatment unit and such treatment is continuous, and pump transfer is needed, provide two "lift" pumps and permanently install at least one of the pumps. Whatever techniques you use, you must engineer facility drainage systems to prevent a discharge as described in 112.1(b) in case there is an equipment failure or human error at the facility

Treatment systems for drainage waters are not currently utilized at the facility.

3.6 Bulk Storage Containers⁶/Secondary Containment - §112.8(c)(1)

40 CFR 112.8(c)(1) Container compatibility with contents - Do not use a container for the storage of oil unless its material and construction are compatible with the material stored and conditions of storage such as pressure and temperature.

All materials and bulk liquids are used and stored in containers compatible with the material contained in them.

3.7 Diked Area Construction and Containment - §112.8(c)(2)

40 CFR 112.8(c)(2) Diked area construction and containment volume for storage containers – Construct all bulk storage container installations so that you provide a secondary means of containment for the entire capacity of the largest single container and sufficient freeboard to contain precipitation. You must ensure that diked areas are sufficiently impervious to contain discharged oil. Dikes, containment curbs, and pits are commonly employed for this purpose. You may use an alternative system consisting of a drainage trench enclosure that must be arranged so that any discharge will terminate and be safely confined in a facility catchment basin or holding pond.

Diked containment areas are not present at the site.

3.8 Diked Area Inspection and Drainage of Rainwater - §112.8(c)(3)

40 CFR 112.8 (c)(3) Diked area inspection and drainage of rainwater - Do not allow drainage of uncontaminated rainwater from the diked area into a storm drain or discharge of an effluent into an open water course, lake, or pond, and bypassing the facility treatment system unless you: (i) Normally keep the bypass valve sealed closed. (ii) Inspect the retained rainwater to ensure that its presence will not cause a discharge as described in 112.1(b). (iii) Open the bypass valve and reseal it following drainage under responsible supervision; and (iv) Keep adequate records of such events, for example, any records required under permits issued in accordance with 122.41(j)(2) and 122.41(m)(3) of this chapter.

Diked containment areas are not present at the site.

⁶ Note that the definition of bulk storage container excludes oil-filled electrical, operating, or manufacturing equipment.

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

3.9 Corrosion Protection of Buried Metal Tanks - §112.8(c)(4)

40 CFR 112.8 (c)(4) Corrosion protection of buried metallic storage tanks - Protect any completely buried metallic storage tank installed on or after January 10, 1974 from corrosion by coatings or cathodic protection compatible with local soil conditions. You must regularly leak test such completely buried metallic storage tanks.

The facility has two composite double wall 10,000 gallon diesel fuel underground storage tanks. Corrosion protection is not required for composite tanks.

3.10 Corrosion Protection of Partially Buried Metal Tanks - §112.8(c)(5)

40 CFR 112.8 (c)(5) Corrosion protection of partially buried metallic storage tanks - Do not use partially buried or bunkered metallic tanks for the storage of oil, unless you protect the buried section of the tank from corrosion. You must protect partially buried and bunkered tanks from corrosion by coatings or cathodic protection compatible with local soil conditions.

Partially buried tanks are not present at the facility.

3.11 Aboveground container periodic integrity testing - §112.8(c)(6)

40 CFR 112.8(c)(6) Aboveground container periodic integrity testing - Test each aboveground container for integrity on a regular schedule, and whenever you make material repairs. The frequency of and type of testing must take into account container size and design (such as floating roof, skid-mounted, elevated, or partially buried). You must combine visual inspection with another testing technique such as hydrostatic testing, radiographic testing, ultrasonic testing, acoustic emissions testing, or another system of non-destructive shell testing. You must keep comparison records and you must also inspect the container's supports and foundations. In addition, you must frequently inspect the outside of the container for signs of deterioration, discharges, or accumulation of oil inside diked areas. Records of inspections and tests kept under usual and customary business practices will suffice for purposes of this paragraph.

Records of tank testing are attached to this plan. Test or inspect each aboveground container for integrity on a regular schedule and whenever you make material repairs. Determine, in accordance with industry standards, the appropriate qualifications for personnel performing tests and inspections, the frequency and type of testing and inspections, which take into account container size, configuration, and design (such as containers that are: shop-built, field-erected, skid-mounted, elevated, equipped with a liner, double-walled, or partially buried).

Examples of these integrity tests include, but are not limited to: visual inspection, hydrostatic testing, radiographic testing, ultrasonic testing, acoustic emissions testing, or other systems of non-destructive testing. Maintain tank testing records and records of inspection of container's

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

supports and foundations. In addition, frequently inspect the outside of the container for signs of deterioration and discharges. Records of inspections and tests kept under usual and customary business practices satisfy the record keeping requirements of this paragraph.

3.12 Control of Leakage Through Internal Heating Coils - §112.8(c)(7)

40 CFR 112.8(c)(7) Control of leakage through internal heating coils - Control leakage through defective internal heating coils by monitoring the steam return and exhaust lines for contamination from internal heating coils that discharge into an open watercourse, or pass the steam return or exhaust lines through a settling tank, skimmer, or other separation or retention system.

There are no internal heating coils in tanks at this facility.

3.13 Container Installation Fail Safe Engineered - §112.8(c)(8); §112.8(c)(8)(v)

40 CFR 112.8 (c)(8) Container installation fail-safe engineered - Engineer or update each container installation in accordance with good engineering practice to avoid discharges. You must provide at least one of the following devices: (i) High liquid level alarms with an audible or visual signal at a constantly attended operation or surveillance station; in smaller facilities an audible air vent may suffice. (ii) High liquid level pump cutoff devices set to stop flow at a predetermined container content level. (iii) Direct audible or code signal communication between the container gauger and the pumping station. (iv) A fast response system for determining the liquid level of each bulk storage container such as digital computers, telepulse, or direct vision gauges. If you use this alternative, a person must be present to monitor gauges and the overall filling of bulk storage containers. (v) You must regularly test liquid level sensing devices to ensure proper operation.

40 CFR 112.6 (a)(3)(iii) Overfill prevention, in lieu of the requirements in §§112.8(c)(8) and 112.12(c)(8). Ensure that each container is provided with a system or documented procedure to prevent overfills of the container, describe the system or procedure in the SPCC Plan and regularly test to ensure proper operation or efficacy.”

As stated in 40 CFR 112.6(a)(3)(iii), the requirements of 40 CFR 112.8(c)(8) are addressed.

3.14 Observation of Discharge Effluents - §112.8(c)(9)

40 CFR 112.8 (c)(9) Observation of discharged effluents - Observe effluent treatment facilities frequently enough to detect possible system upsets that could cause a discharge as described in 112.1 (b).

There are no effluent treatment facilities or discharge effluents.

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

3.15 Corrective Action for Visible Oil Leaks - §112.8(c)(10)

40 CFR 112.8 (c)(10) Corrective actions for visible oil leaks from container seams and gaskets - Promptly correct visible discharges which result in a loss of oil from the container, including but not limited to seams, gaskets, piping, pumps, valves, rivets and bolts. You must promptly remove any accumulations of oil in diked areas.

Corrective action(s) for visible oil leaks from bulk storage tanks are addressed in the Section 2.16 Inspections in this plan.

3.16 Appropriate Location of Portable Oil Storage Containers - §112.8(c)(11)

40 CFR 112.8 (c)(11) Appropriate location of portable oil storage containers - Position or locate mobile or portable oil storage containers to prevent a discharge as described in 112.1(b). You must furnish a secondary means of containment, such as dikes or catchment basins, sufficient to contain the capacity of the largest single compartment or container with sufficient freeboard to contain precipitation.

All portable oil storage containers are contained inside the building. Portable oil storage containers are not stored outside the building.

3.17 Buried Pipe Installation Protection- §112.8(d)(1)

40 CFR 112.8 (d)(1) Buried piping installation protection and examination - Provide buried piping that is installed or replaced after August 16, 2002 with a protective wrapping and coating. You must also cathodically protect such buried piping installations or otherwise satisfy the corrosion protection provisions for piping in Part 280 of this chapter or a State program approved under Part 281 of this chapter. If a section of buried line is exposed for any reason, you must carefully inspect it for deterioration. If you find corrosion damage, you must undertake additional examination and corrective action as indicated by the magnitude of the damage.

There are two underground storage tanks with buried pipe systems for the dispensers.

3.18 Management of “out-of-service” Connections - §112.8(d)(2)

40 CFR 112.8 (d)(2) Management of “out-of-service” connections - Cap or blank-flange the terminal connection at the transfer point and mark it as to origin when piping is not in service or is in standby service for an extended time.

Out-of-service piping systems are not present at the facility.

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

3.19 Supports Properly Designed- §112.8(d)(3)

40 CFR 112.8 (d)(3) Pipe support design - Properly design pipe supports to minimize abrasion and corrosion and allow for expansion and contraction.

Pipe supports or above ground piping are not present at the facility.

3.20 Aboveground Valve and Pipeline Inspections - §112.8(d)(4)

40 CFR 112.8 (d)(4) Aboveground valve and pipeline inspections - Regularly inspect all aboveground valves, piping, and appurtenances. During the inspection you must assess the general condition of items, such as flange joints, expansion joints, valve glands and bodies, catch pans, pipeline supports, locking of valves, and metal surfaces. You must also conduct integrity and leak testing of buried piping at the time of installation, modification, construction, relocation, or replacement.

The Inspection Checklist Form included in Appendix C of this Plan is used by the facility to document inspections.

3.21 Protection of Aboveground Piping from Vehicles - §112.8(d)(5)

40 CFR 112.8 (d)(5) Protection of aboveground piping from vehicular traffic - Warn all vehicles entering the facility to be sure that no vehicle will endanger aboveground piping or other oil transfer operations.

There are no aboveground pipes in the traffic areas.

3.22 Certification of the Applicability of the Substantial Harm Criteria – Oil Pollution Act of 1990 - §112.20(e)

The final rule of the Oil Pollution Act of 1990 as published on July 1, 1994 in the Federal Register mandates that if an owner/operator determines that the facility does not have the potential to cause “substantial harm,” the owner/operator must complete the certification form contained in 40 CFR 112.20, Attachment C-II. This form must be maintained at the facility. It has been determined that the Facility does not meet the “substantial harm” criteria. The executed certification and listing of self-selection criteria are presented on page xi.

It is important to note that if the operations at the facility change so that the terms of this certification are no longer satisfied, a Facility Response Plan must be prepared and submitted to the Regional Administrator (See 40 CFR 112.20).

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

**4.0 OTHER BEST MANAGEMENT PRACTICES NPDES PERMIT SECTION E.1,
5.c.ii**

4.1 Good Housekeeping NPDES Permit Section E.6.c

Good housekeeping means maintaining a clean, orderly work environment. Oil storage areas and equipment are kept neat to prevent releases to the environment. “Good housekeeping” practices are an effective first step toward pollution prevention. Good housekeeping BMPs include:

- Orderly storage of containers, including designated storage areas;
- Scheduling of disposal pick-ups to avoid excessive accumulations of waste oils;
- Routine inspections for leaks and condition of drums, tanks, and containers; and
- Prompt cleanup of spills or incidental releases, using dry chemicals when appropriate.

4.2 Preventive Maintenance NPDES Permit Section E.6.b

Preventive maintenance limits the potential for equipment malfunctions that would increase the opportunity for a discharge of oil-based pollutants to a receiving body of water. The primary element of preventive maintenance employed at the facility is the routine inspection and repair of facility piping, pumps and storage tanks. The inspections performed as part of the Facility’s Plan are described in Section 2.16 Inspections in this plan.

4.3 Erosion Control Measures NPDES Permit Section E.6.f

The facility ground surface consists of buildings, paved areas and gravel parking areas. Site topography is generally flat with storm water collected in catch basins. There are no exposed soil areas or stockpiles of materials on the site.

4.4 Erodible Soils and Slopes

The facility is covered with pavement, gravel and grass with negligible potential for erosion.

Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

Table 3 – Contribution of Significant Materials to Run Off		
Equipment/Area	Significant Material	Exposure Potential
Vehicle parking area	Vehicle oils and hydraulic fluids	Medium
Loading and unloading area	Diesel fuel, engine oil and hydraulic fluid	Medium
Outside storage areas	Diesel fuel	High
Outdoor manufacturing or process areas	None	NA
Dust or particulate generation areas	Paved parking areas and landscaped areas	Low
Vents, stacks or emission control equipment	None	NA
On site waste disposal areas	No on site waste disposal areas	NA
On site vehicles and equipment maintenance	Vehicle and equipment maintenance is not performed outside	NA
Exposed or erodible soils	No exposed or erodible soils on site	NA
Sites of environmental contamination	No sites of environmental contamination on site	NA
Areas of significant material residues	No areas of significant material residues	NA
Areas where animals congregate and deposit waste	The landscaped and paved areas have minimal contact with animals	Low

4.5 Outdoor Storage Areas

Empty roll off containers are stored at the site. Potentially polluting materials are not stored outside the transfer building.

4.6 Dust and Particulate Generating Processes

Vehicles normally travel on paved areas. Vehicles park on paved and gravel areas. The potential for dust and particulate generation is negligible.

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

4.7 Materials Expected to be Present in Storm Water Discharges NPDES Permit Section E5d

It is anticipated that typical parking lot runoff, including oils, could be found in the storm water discharge.

4.8 Description of Storm Water Outfalls

The facility has on storm water outfall located at the south east corner of the site.

4.9 Onsite Waste NPDES Permit Section E.5.c.v, E.6.e.i.c/waste disposal

Solid waste generated on site is collected in containers and transported off site with the other municipal solid waste. Containers stored on site are empty.

4.10 Vehicle Washing and Maintenance NPDES Permit Section E.6.e.vii

Outside vehicle washing is prohibited to prevent grease, oil and fuel from entering the storm water flow. Maintenance of onsite vehicles is performed inside the transfer station building. Mercury switches from on site vehicles are recycled.

4.11 Animal Waste

The site consists of buildings, paved surfaces and gravel parking areas. There are minimal impacts to storm water from animal waste at the site.

4.12 Contact with Significant Materials

Significant materials are stored inside the maintenance building or in completely enclosed storage tanks. Storm water does not contact the significant materials on site.

4.13 Comprehensive Quarterly Inspection

The completed comprehensive quarterly inspections are located in Appendix E of this plan.

4.14 Annual Review

The current annual review form is on page xiv. Historical annual review forms are located in Appendix H of this plan.

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

4.15 Non Storm Water Discharges

Non storm water discharges are not present at the site.

4.16 Containment Structures for Solid Polluting Materials

Potentially polluting materials are stored inside the maintenance building.

4.17 Catch Basins

Storm water drains to catch basins on site. The catch basins are inspected quarterly.

4.18 TMDL NPDES Permit Section E.5.d

The Illinois year 2014 303(d) list indicates that Addison Creek has TMDL's for fecal coliform, phosphorus, oil, alpha-BHC, copper hexachlorobenzene, PCBs sedimentation and siltation. The paved areas of the site are cleaned with a mechanical sweeper to reduce the potential of oil impacting the storm water. The other contaminants are not likely to be in the storm water discharge from the site.

4.19 Oil/Water Separator NPDES Permit Section E.6.e.ii

A storm water oil/water separator is not present on site. Waste water generated inside the maintenance building is discharged to the sanitary sewer.

4.20 Storm Water Management System NPDES Permit Section E.6.e.iii; 6.e.v; 6.e.vii

Storm water generated on site is collected in catch basins and discharges to a drain. There are no ditches on site. Debris on site is manually collected and placed in the municipal waste container.

4.21 Storm Water Visual Assessment NPDES Permit Section E.8

Quarterly visual assessments of storm water are documented in Appendix F. Storm water observations will be performed at the outfall located at the southeast corner of the site.

Visual observations must be made on samples collected as soon as practical, but not to exceed 1 hour of when the runoff or snowmelt begins discharging from your facility. All samples must be collected from a storm event discharge that is greater than 0.1 inch in magnitude and that occurs at least 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

event. The observation must document: color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution. If visual observations indicate any unnatural color, odor, turbidity, floatable material, oil sheen or other indicators of storm water pollution, the permittee shall obtain a sample and monitor for the parameter or the list of pollutants in the General NPDES Permit Part E.5.d.

Visual observation reports will be maintained onsite with the SWPP Plan. The reports must include the observation date and time, inspection personnel, nature of the discharge (i.e., runoff or snow melt), visual quality of the storm water discharge (including observations of color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution), and probable sources of any observed storm water contamination.

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

**APPENDIX A
USEPA SPCC REGULATORY CROSS REFERENCE MATRIX**

APPENDIX A
Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan
SPCC 40 CFR 112 Cross Reference Matrix

Regulation	Description	Page No.
§112.3(b)(1) or (c)	SPCC Plan prepared prior to facility becoming operational (effective 11/10/2010)	1
§112.3(d)	Professional Engineer (PE) certification with five elements	x
§112.5(a)	Amendment of SPCC Plan	2
§112.5(b)	Review of Plan at least every 5 years with documentation (i.e. a log)	3
§112.6	Qualified Facilities: meets qualification criteria	
§112.6(a) or (b)	Tier I or Tier II Self Certification with 8 elements	N/A
§112.6(a)(2)	Technical amendments self-certified	N/A
§112.6(a)(3)(i)	Template has failure analysis	N/A
§112.6(a)(3)(ii)	Template has adequate secondary containment	N/A
§112.6(a)(3)(iii)	Template has overfill protection	N/A
§112.6(b)(2)(i)	Technical amendment Self-Certified or PE certification for deviations from Plan requirements	N/A
§112.6(b)(3)(i)	Environmental Equivalence certified by PE	N/A
§112.6(b)(3)(ii)	Impracticability determination certified by PE	N/A
§112.6(b)(4)	PE certification with three elements	N/A
§112.7	General requirements for SPCC Plans for all facilities & all oil types	
§112.7	Management approval of Plan	ix
§112.7	Discussion of facilities, procedures, methods or equipment not yet fully operational with details of installation and operational start-up	5
§112.7(a)(1)	General requirements; discussion of facility's conformance with rule requirements	5
§112.7(a)(2)	Deviations from Plan requirements	6
§112.7(a)(3)	Facility description and diagram, type of oil and capacity of each container, transfer stations and piping, buried containers on diagram	6
§112.7(a)(3)(ii)	Discharge prevention measures	6
§112.7(a)(3)(iii)	Discharge drainage controls	8
§112.7(a)(3)(iv)	Countermeasures for discharge discovery, response and cleanup	8
§112.7(a)(3)(v)	Methods of disposal of recovered materials in accordance with legal requirements	9
§112.7(a)(3)(vi)	Contact list and phone numbers for facility response coordinator, National Response Center, cleanup contractors, all Federal, State, and local agencies who must be contacted in case of a discharge	9
§112.7(a)(4)	Spill reporting information	10
§112.7(a)(5)	Discharge procedures	12

APPENDIX A
Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan
SPCC 40 CFR 112 Cross Reference Matrix

Regulation	Description	Page No.
§112.7(b)	Failure prediction (sources, quantities, rates, and directions)	12
§112.7(c)	Secondary containment for all areas from which a discharge of oil could occur (i.e. mobile refuelers, loading/unloading areas, transformers, oil filled operational equipment, etc.) other than bulk containers	15
§112.7(d)	Explanation of impracticability of secondary containment	15
§112.7(d)(1)	Oil spill contingency plan per part 109	16
§112.7(d)(2)	Commitment of manpower, equipment & materials to remove a discharge	16
§112.7(e)	Written procedures for inspections and tests	16
§112.7(e)	Records of inspections and tests signed and kept 3 years	16
§112.7(f)(1)	Employee training	17
§112.7(f)(2)	Designated individual accountable for discharge prevention	18
§112.7(f)(3)	Discharge prevention briefings scheduled and conducted annually	19
§112.7(g)(1)	Security: How oil handling, processing and storage areas are secured and access is controlled	19
§112.7(g)(2)	Security: How master flow and drain valves of containers are secured	19
§112.7(g)(3)	Security: How unauthorized access to starter controls on oil pumps is prevented	19
§112.7(g)(4)	Security: How out-of-service and loading/unloading connections of oil pipelines are secured	20
§112.7(g)(5)	Security: Appropriateness of security lighting to both prevent acts of vandalism and assist in the discovery of oil discharges is addressed	20
§112.7(h)	Loading/unloading rack (excluding offshore facilities)	20
§112.7(h)(1)	Containment for contents of largest compartment	20
§112.7(h)(2)	Warning light/sign, barrier system, wheel chocks, or break interlock system to prevent departure with connected lines	20
§112.7(h)(3)	Inspect drains and outlets of vehicles	21
§112.7(i)	Brittle fracture or catastrophic failure evaluation requirements	21
§112.7(j)	Conformance with State requirements	21
§112.7(k)(1)	Qualified Oil-Filled Operational Equipment: meets criteria	
§112.7(k)(2)(i)	Inspection procedures or monitoring program	16
§112.7(k)(2)(ii)(A)	Oil spill contingency plan per part 109	16
§112.7(k)(2)(ii)(B)	Written commitment of resources	16
§112.8, §112.12	Requirements for Onshore Facilities (excluding production)	
§112.8(a), §112.12(a)	Meet general and specific requirements	5

APPENDIX A
Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan
SPCC 40 CFR 112 Cross Reference Matrix

Regulation	Description	Page No.
§112.8(b)(1), §112.12(b)(1)	Facility drainage: Restrain drainage from diked areas; inspect accumulation	23
§112.8(b)(2), §112.12(b)(2)	Facility drainage: Manual valves to drain diked areas, inspect before discharging into watercourse	23
§112.8(b)(3), §112.12(b)(3)	Facility drainage: Undiked drainage with a potential for a discharge designed to flow to ponds, lagoons, or catchment basins	23
§112.8(b)(4), §112.12(b)(4)	Facility drainage: Final discharge of ditch drainage controlled	23
§112.8(b)(5), §112.12(b)(5)	Facility drainage: Where pump transfer is needed, two lift pumps installed with one installed permanently	24
§112.8(c), §112.12(c)	Bulk storage containers:	24
§112.8(c)(1), §112.12(c)(1)	Containers compatible with material and conditions of storage	24
§112.8(c)(2), §112.12(c)(2)	Secondary containment for capacity of largest container & sufficient freeboard for precipitation	24
§112.8(c)(3), §112.12(c)(3)	Not allow drainage of rainwater from diked areas unless inspected, records kept of drainage events	24
§112.8(c)(4), §112.12(c)(4)	Completely buried metallic containers corrosion protected, leak testing conducted	25
§112.8(c)(5), §112.12(c)(5)	Partially buried containers corrosion protected	25
§112.8(c)(6), §112.12(c)(6)	Integrity testing, visual plus non-destructive shell testing, comparison records kept	25
§112.8(c)(7), §112.12(c)(7)	Internal heating coils monitored	26
§112.8(c)(8), §112.12(c)(8)	Containers engineered to prevent discharges	26
§112.8(c)(8)(v), §112.12(c)(8)(v)	Liquid level sensing devices tested to ensure proper operation	26
§112.8(c)(9), §112.12(c)(9)	Observe effluent treatment facilities to detect system upsets	26
§112.8(c)(10), §112.12(c)(10)	Correct visible leaks and remove accumulations of oil	27
§112.8(c)(11), §112.12(c)(11)	Secondary containment for mobile/portable containers with capacity of largest container &	27
§112.8(d), §112.12(d)	Facility transfer operations, pumping and facility process:	27
§112.8(d)(1), §112.12(d)(1)	Buried piping installed or replaced after 8/16/02 corrosion protected	27

APPENDIX A
Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan
SPCC 40 CFR 112 Cross Reference Matrix

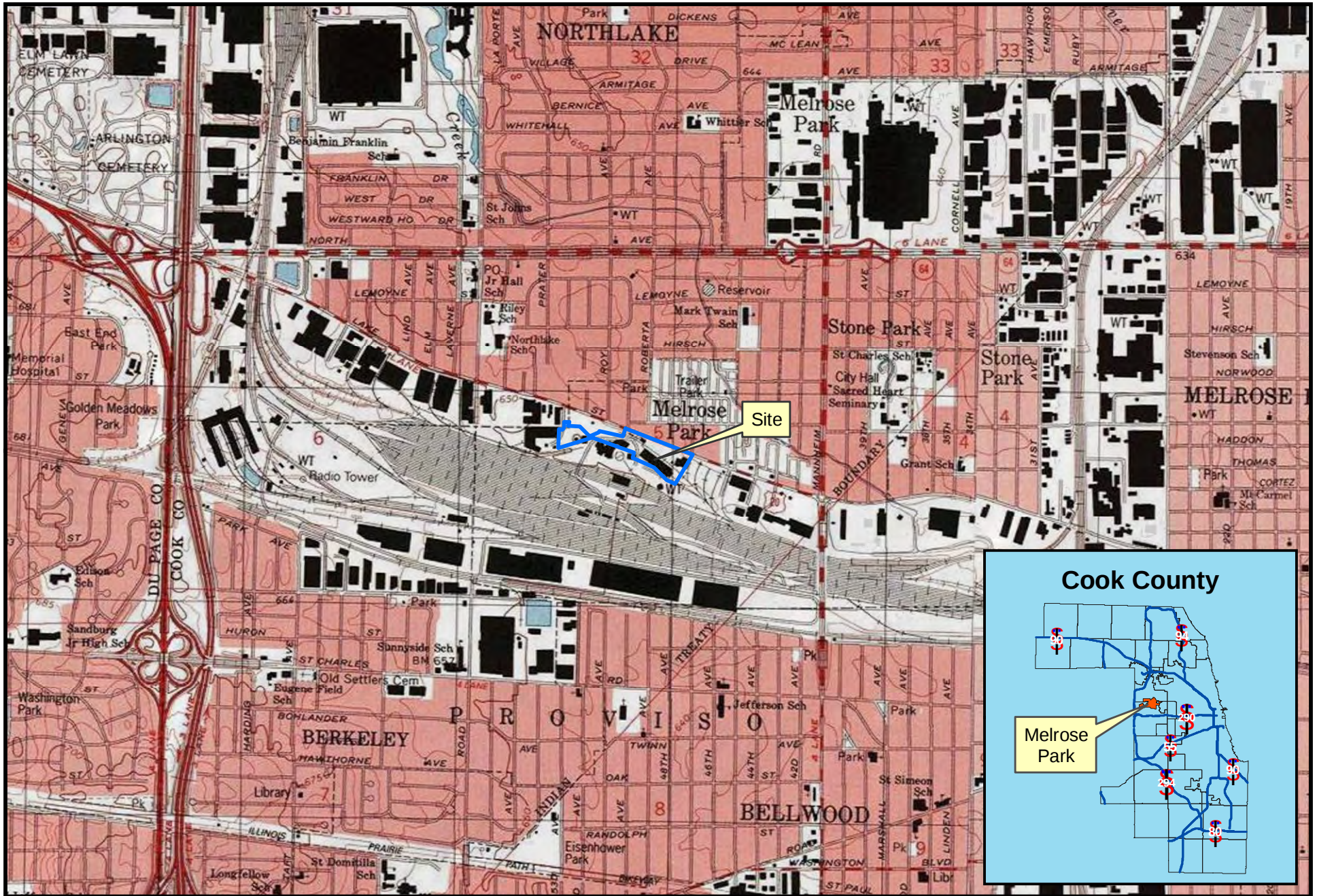
Regulation	Description	Page No.
§112.8(d)(2), §112.12(d)(2)	Terminal connections capped/blank flanged when not in service or in standby service for an extended time	27
§112.8(d)(3), §112.12(d)(3)	Pipe supports properly designed	28
§112.8(d)(4), §112.12(d)(4)	Inspect aboveground piping, integrity and leak test buried piping	28
§112.8(d)(5), §112.12(d)(5)	Warn vehicles of aboveground piping	28
§112.20(e)	Completed and signed certification of substantial harm form (Appendix C)	xi

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

**APPENDIX B
FIGURES**

FIGURE 1 SITE LOCATION MAP

FIGURE 2 SITE FEATURES MAP



Allied Waste of Melrose Park

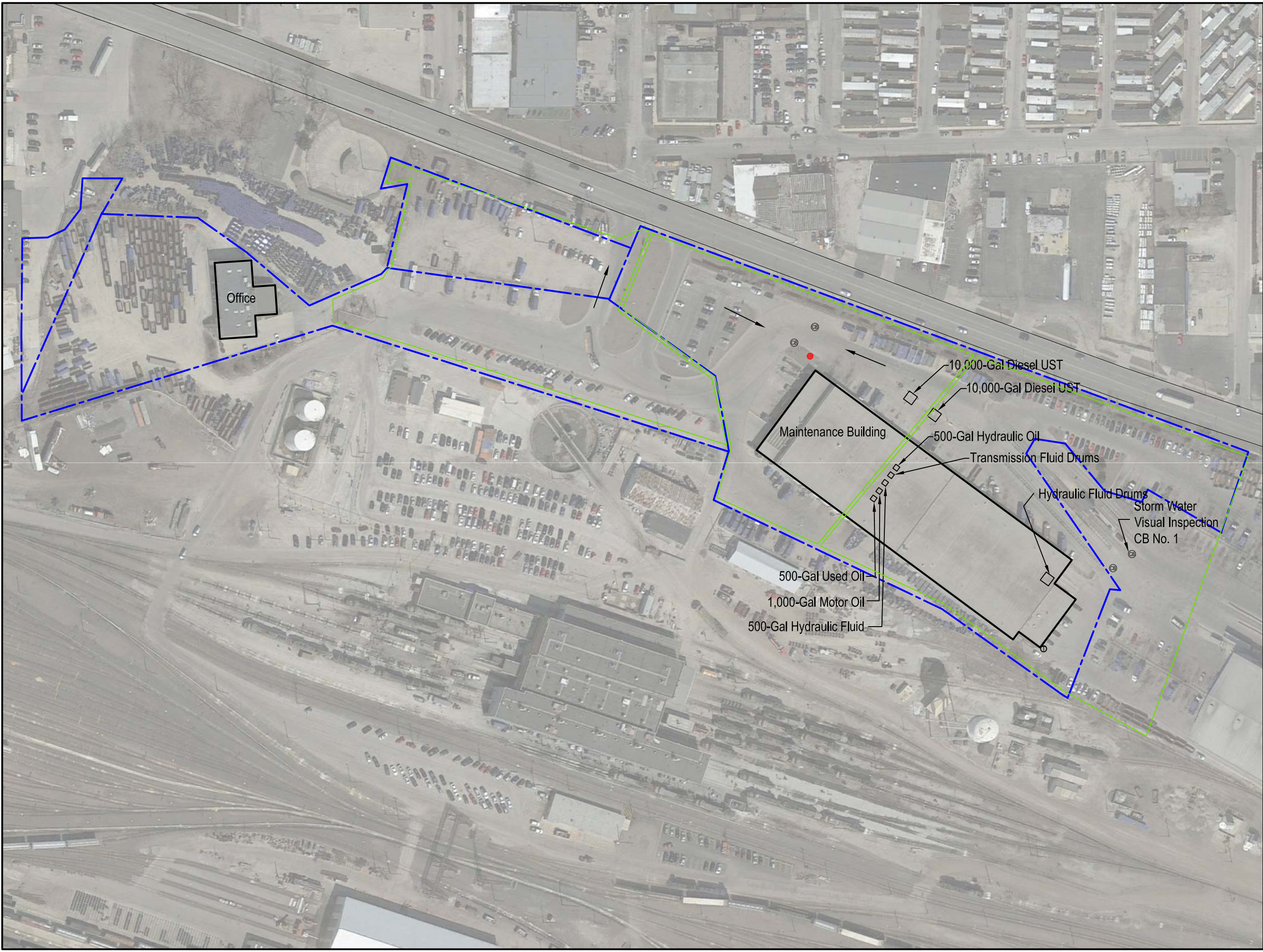
5050 West Lake Street
Melrose Park, IL 60160

2,000 1,000 0 2,000
Feet



Created for: Republic Services
Created by: CCR, March 27, 2015, ASTI Project 8291

Site Location Map



Latitude 41.898432
Longitude -87.893014

LEGEND

- Property Line and Parcel Boundary
- Stormwater Flow Direction
- Catch Basin
- Hydrant
- Pole-Mounted Transformer
- Storm Water Drainage Area

- Potentially polluting materials stored in maintenance building
- Fluids leaking from trucks onto paved areas are potential polluting sources
- Traffic and container storage areas are paved
- Storm water discharges to municipal sewer system
- No outdoor vehicle service areas
- Tier 2 Manager User ID 003123

5050 W. Lake St.

Created for: Melrose Park

ASTI Project 8291, JMD/SSC, December 29, 2015

Melrose Park, IL



Site Plan

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

APPENDIX C

INSPECTION CHECK LIST FORMS (40 CFR 112.7(e) 40 CFR 112.7(k)(2)(i))

APPENDIX C
Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan – Inspection Checklist
Date: _____

MAINTAIN INSPECTION RECORDS FOR THREE YEARS

Purchase Order: _____

Weather Conditions: _____

Inspector's Name: _____

General Comments: _____

AST OBSERVATIONS	Yes / No					
	AST No. 1 1,000 Gallon Motor Oil	AST No. 2 500 Gallon Used Oil	AST No. 3 500 Gallon Hydraulic Oil	AST No. 4 1,000 Gallon Hydraulic Oil	AST N. 5 250 Gallon Antifreeze	
Is secondary containment area free of visible signs of staining or leakage?						
Is the tank free of visible signs of leakage?						
Are there signs of tank corrosion?						
Are the valves and piping connections dry and free of visible signs of leakage?						
Tank Supports – Signs of damage or corrosion?						
Tank Foundation – Signs of damage or cracks?						

COMMENTS

Tank 1:
Tank 2:
Tank 3:
Tank 4:
Tank 5:

APPENDIX C
Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan – Inspection Checklist
Date: _____

DRUM AREA 1		Yes / No							
55 GALLON DRUMS OBSERVATIONS									
MAINTENANCE BUILDING WEST WALL		Windshield Washer Fluid	Grease	Gear Oil	Antifreeze	Transmission Fluid	Hydraulic Fluid	Diesel Fuel Additive	Other
Number of Drums									
Is the floor around the secondary containment free of visible signs of staining or leakage?									
Is the drum free of visible signs of leakage?									
Is the secondary containment free of liquid?									
Are there signs of drum corrosion?									
Are the valves (if any) dry and free of visible signs of leakage?									
Comments:									

UST TANKS 5 AND 6	OBSERVATIONS	
	Yes	No
	UST No 5 10,000 GALLON DIESEL FUEL	UST No 6 10,000 GALLON DIESEL FUEL
Are there signs of spills?		
Are there fuel stains on or around the dispenser?		
Comments:		

APPENDIX C
Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan – Inspection Checklist
Date: _____

Inspection Checklist for Spill Clean-Up Supplies				
Spill Kit Inspection Area	Absorbent pads Booms	Granular Absorbent	Other	
	adequate supply	adequate supply	adequate supply	Describe
FUEL ISLAND				
STORAGE AREAS				
COMMENTS:				

GENERAL SITE CONDITIONS	Yes	No
Housekeeping standards maintained in roadways, parking areas and material storage areas?		
Fencing/gates in good condition?		
Truck parking area free of leaks and spills?		
Fuel island free of leaks and spills?		
Employee parking areas free of leaks and spills?		
Containers emptied and cleaned prior to placing them on the storage lot?		
Sheen on storm water discharge?		
Odor from storm water discharge?		
Catch basins clean?		
Comments:		

APPENDIX C
Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan – Inspection Checklist
Date: _____

EMPTY WASTE CONTAINER (ROLL-OFFS AND DUMPSTERS, DRUMS) OBSERVATIONS	Yes	No
Are the on-site waste containers leaking?		
Is there waste material in the containers?		
Are there visible signs of holes or cracks in the containers?		
Are there drums or other containers on-site containing liquids?		
Comments:		

If any spills or leaks, immediately notify the Primary Spill Coordinator, and begin spill countermeasures.

Corrective Actions Taken _____

NOTES: _____

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

**APPENDIX D
SPILL REPORTING GUIDELINES**

APPENDIX D
Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

SPILL RESPONSE PROCEDURES

Overview

The section applies to releases of all materials with the exception of releases to the air, PCB releases, and asbestos releases.

Responsibilities

Any person who discovers a potential or actual material spill or release is termed the “discoverer.” The following steps must be taken immediately by the discoverer:

- Move a safe distance away from the area.
- Avoid all personal contact with materials and equipment until the nature of the chemical materials involved is clearly understood.
- Determine the nature and extent of the situation from this vantage point and identify the chemical materials and equipment involved.

Notify the responsible manager. Be prepared to provide the following information, to the extent possible:

- Current location of the spill and direction of anticipated movement,
- Whether the spill entered the sanitary or storm sewer systems,
- Material spilled, if known,
- Probable source of the spill, and
- Time the spill was first observed.
- Generally, the following defensive actions can be taken by personnel in the area.

NOTE: If personal safety is at risk, leave the area immediately.

- If possible or feasible, stop the spill by shutting down machinery or by closing valves or other methods that may apply.
- If the source is a leaking drum, move or turn the drum to stop or reduce the flow of materials, if this can be done without personal contact with the material.
- Liquid spills should be contained, if possible, by diking with adsorbent pigs, pillows, or booms.
- Prevent the movement of liquid to sanitary or storm drains by diking with adsorbent pigs, pillows, or booms.

APPENDIX D
Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

- If the material is a powder, close all entrance doors to prevent drafts from spreading the materials throughout the plant, and to the outside environment.

HAZMAT Team Responsibilities

Important Note: Only trained individuals can perform a clean-up of a spilled hazardous material. These individuals will perform the following tasks.

- Ensure all personnel are evacuated, before approaching the spill.
- Make sure all doorways are guarded.
- From a safe distance ascertain whether help will be required to clean up the spill. If help is required, contact the responsible manager. The responsible manager will determine if an outside spill contractor's assistance is warranted.
- Determine, based on the type of spilled material, if respiratory protection is required.
- Don the appropriate personal protective equipment prior to entering the area of contamination.
- Proceed with clean-up using necessary materials located in the spill kits.
- Place all materials used for the cleanup in a DOT 1A1 drum. Upon completion of the clean up, seal the drum and label appropriately.
- Drain sumps containing waste will only be pumped out by qualified and approved Waste Hauler. All material shipped for disposal will be manifested as required by law and can only be approved by the Plant Manager.
- Inspect the area carefully to ensure all material has been removed. After a suitable time period, check the condition of the atmosphere in the area. If all conditions are safe, contact the responsible manager, who will notify personnel that they may return to work.
- Return all safety equipment to its correct location after cleaning and/or decontamination. Replace any material used from the spill kits.

Incident Management

Important Note: The following activities may occur concurrently with assistance from facility personnel at the direction of the responsible manager. The particular nature of the emergency will alter the order or need of any of the following listed actions.

- Keep all unnecessary people away from the area.
- Assess the hazards to human health and the environment.
- Take all reasonable measures to prevent risks to human health or the environment.
- Activate internal alarms or communication systems.

APPENDIX D
Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

- Contact appropriate response agencies (e.g. fire, police, ambulance) if assistance is needed.
- Ensure that any injured personnel are given appropriate medical attention and/or arrange transportation to the hospital.
- Coordinate on-site evacuations, if required.
- If the spilled material has not yet been positively identified, IDENTIFY. Use the Safety Data Sheet (SDS) binder and container label information.
- Take precautions appropriate for the chemical characteristics specified in the SDS.
- Ensure that the release, does not continue, reoccur, or spread.
- If the retrieval and containerizing of the fugitive material can cause a risk of injury or illness to plant personnel involved, contact a “hazardous materials response team” to manage the episode to completion.
- Make all required verbal notifications.

Post-Incident Management

- Arrange for the collection and containment of any fugitive material.
- Properly manage all recovered and contained materials and wastes.
- Provide proper written notification to appropriate agencies.
- Ensure that all response and safety equipment is cleaned and returned to proper working order and expended supplies are restocked.
- Monitor all operating equipment, including transfer lines, after restarting operations.

APPENDIX D
Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

Spills and Releases; Specific Response

Oils

- Dike or absorb using imbibers blankets to prevent material from entering drains.
- Minimum Equipment: Rubber boots; rubber apron.
- Disposal Instructions: Place in properly labeled and sealed containers for disposal.

Acidic Compounds

- Dike or absorb using imbibers blankets to keep material from entering drains.
- Minimum Equipment: Rubber boots; rubber apron; rubber suit; acid vapor respirator; goggles; face shield; baking soda.
- Disposal Instructions: Sweep or scrape up; place in properly labeled and sealed drums for disposal.

Caustic Compounds

- Dike or absorb using imbibers blankets to keep material from entering drains.
- Minimum Equipment: Rubber boots; rubber apron; rubber suits; goggles; face shield.
- Disposal Instructions: Sweep or scrape up; place in properly labeled and sealed drums for disposal.

Nonflammable Solvents

- Dike or absorb using imbibers blankets to keep material from entering drains.
- Minimum Equipment: Rubber boots; rubber apron.
- Disposal Instructions: Sweep or scrape up; place in properly labeled and sealed drums for disposal.

Flammables/Combustibles

- Dike or absorb using imbibers blankets to keep material from entering drains.
- Minimum Equipment: Rubber boots; rubber apron; rubber suit; organic vapor respirator; goggles.
- Disposal Instructions: Place in properly labeled and sealed drums for disposal.

APPENDIX D
Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan

Employee Contamination

In cases of employee chemical contamination, the first step is to protect yourself with the proper protective equipment and clothing. You will not be much help to an injured employee if you become contaminated and disabled. In addition, the following procedures should be followed:

- Remove the contaminated victim well away from the contamination area.
- Remove all contaminated clothing and flush the affected areas with water from the Eye Wash Stations or Decontamination Shower. The key to minimizing harm from chemical contact is to begin the water flush as soon as possible, and to continue flushing affected areas for at least fifteen minutes.
- Administer first aid as appropriate using resources available in the First Aid kits. Treat the victim to prevent or reduce shock, and provide comfort and reassurance to the victim.

Check the appropriate Safety Data Sheet (SDS). SDSs usually contain information about symptoms of overexposure and other first aid data. They also contain phone numbers to call for help and advice from the federal government and company that manufactured the material.

If other than basic first aid steps are required, make arrangements to transport the employee to the hospital.

When the ambulance arrives to take the contaminated individual(s) to the hospital, make sure a SDS goes with the person to assist medical personnel in their treatment.

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

APPENDIX E

RECORDS OF INSPECTIONS AND TESTS SIGNED KEPT 3 YEARS (40 CFR 112(e))

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

**APPENDIX F
STORM WATER VISUAL ASSESSMENT RECORDS**

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

**APPENDIX G
CORRESPONDENCE**

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

**APPENDIX H
ANNUAL REVIEW RECORDS**

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

**APPENDIX I
NPDES PERMIT**

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

**APPENDIX J
TRAINING RECORDS**

**Allied Waste of Melrose Park
5050 West Lake Street, Melrose Park, IL 60160
SPCC / SWPP Plan**

**APPENDIX K
SARA TIER II REPORTS**

General NPDES Permit No. ILR00 0000

Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276
www.epa.illinois.gov

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

**General NPDES Permit
For
Storm Water Discharges from Industrial Activities**

Expiration Date: June 30, 2028

Issue Date: June 06, 2023

Effective Date: July 01, 2023

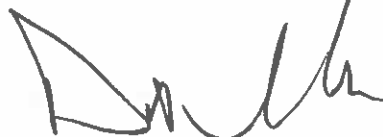
Discharges authorized by this General Permit: In compliance with the provisions of the Illinois Environmental Protection Act, the Illinois Pollution Control Board Rules and Regulations (35 Ill. Adm. Code, Subtitle C, Chapter 1) and the Clean Water Act, the following discharges may be authorized by this permit in accordance with the conditions herein:

Discharges of storm water associated with industrial activities, as defined and limited herein. Storm water means storm water runoff, snow melt runoff, and surface runoff and drainage.

This general permit regulates only storm water discharges from a facility. Other discharges such as process wastewater or cooling water shall be regulated by other NPDES permits.

Receiving waters: Discharges may be authorized to any surface water of the State.

To receive authorization to discharge under this general permit, a facility operator must submit a Notice of Intent form and additional documentation as required in Part D of this permit. Authorization, if granted, will be by letter and include a copy of this permit.



Darin E. LeCrone, P.E.
Manager, Permit Section
Division of Water Pollution Control

General NPDES Permit No. ILR00

<u>CONTENTS OF GENERAL PERMIT ILR00</u>	<u>Page</u>
A. Applicability of this General Permit	2
B. Types of Discharges Not Covered by this Permit	4
C. Special Conditions	5
D. Application Requirements	6
E. Storm Water Pollution Prevention Plan (SWPPP or Plan)	8
F. Control Measures and Discharge Limitations	13
G. Inspections	16
H. Corrective Actions	17
I. Construction Authorization	18
J. Monitoring	18
K. Reporting	21
L. Termination of Coverage Under this Permit	22
M. Definitions	23
Attachment 1 Sector Specific Requirements	1-1
Attachment 2 Activities Covered	2-1
Attachment 3 Calculating Hardness in Freshwater Receiving Waters for Hardness Dependent Metals	3-1
Attachment H	

A. APPLICABILITY OF THIS GENERAL PERMIT

This permit is applicable to storm water discharges associated with any primary industrial activity and any associated industrial activity from areas (except offsite access roads and rail lines not on property owned or controlled by the permittee) where material handling equipment or activities, raw materials, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to storm water in the State of Illinois from the facilities listed below.

1. Discharges of storm water from facilities with discharges that are subject to new source performance standards or toxic pollutant effluent standards under 40 CFR Chapter 1, Subchapter N, except:
 - a. Discharges subject to new source performance standards or toxic pollutant effluent standards and described in paragraph Part A.2. below which do not have materials or activities exposed to storm water. Facilities with these discharges shall submit a No Exposure Certification form to the Illinois Environmental Protection Agency (Illinois EPA or Agency).
 - b. Discharges subject to storm water effluent limitations guidelines listed in B.1. of this permit.
2. Discharges of storm water from facilities in the following SIC codes:

SIC 20	(Food and kindred products manufacturing or processing)
SIC 21	(Tobacco products)
SIC 22	(Textile mill products)
SIC 23	(Apparel and other finished products made from fabrics and similar materials)
SIC 24	(Lumber and wood products except furniture)
SIC 2434	(Wood kitchen cabinets)
SIC 25	(Furniture and fixtures)
SIC 26	(Paper and allied products)
SIC 265	(Paperboard containers and boxes)
SIC 267	(Converted paper and paperboard products)
SIC 27	(Printing, publishing, and allied industries)

General NPDES Permit No. ILR00

This permit is also applicable to an additional stormwater discharges that are not otherwise required to obtain an NPDES permit but are comingled or mixed with discharges authorized by this permit

SIC 28	(Chemicals and allied products)
SIC 283	(Drugs)
SIC 285	(Paints, varnishes, lacquers, enamels, and allied products)
SIC 29	(Petroleum refining and related industries), except discharges subject to 40 CFR 419
SIC 30	(Rubber and miscellaneous plastics products)
SIC 31	(Leather and leather products)
SIC 311	(Leather tanning and finishing)
SIC 32	(Stone, clay, glass, and concrete products)
SIC 323	(Glass products, made of purchased glass)
SIC 33	(Primary metal industries)
SIC 34	(Fabricated metal products, except machinery and transportation equipment)
SIC 3441	(Fabricated structural metal)
SIC 35	(Industrial and commercial machinery and computer equipment)
SIC 36	(Electronic and other electrical equipment and components, except computer equipment)
SIC 37	(Transportation equipment)
SIC 373	(Ship and boat building and repairing)
SIC 38	(Measuring, analyzing, and controlling instruments; photographic, medical, and optical goods; watches and clocks)
SIC 39	(Miscellaneous manufacturing industries)
SIC 4221-25	(Farm products warehousing and storage, refrigerated warehousing and storage, general warehousing and storage)

- Facilities classified as SIC 10-14 (Mineral Industry) including active or inactive mining operations and oil and gas exploration, production, processing, treatment operations, or transmission facilities, except discharges subject to 40 CFR 434, 436, or 440 or any discharges subject to general permit number ILG84. This permit does not authorize any discharge associated with the hydraulic fracturing process if additional chemicals are utilized in the process.
- Landfills, land application sites (excluding land application sites which utilize agricultural land), and open dumps that receive or have received any industrial wastes (waste that is received from any of the facilities described in 40 CFR 122.26(b) (14)).
- Facilities involved in the recycling of materials including metal scrapyards, battery reclaimers, salvage yards, and automobile junkyards and concrete recycling facilities including but not limited to SIC 5015 (Used motor vehicle parts) and SIC 5093 (Scrap and waste materials)
- Transportation facilities- Areas of the following facilities involved in vehicle maintenance (including vehicle rehabilitation, mechanical repairs, painting, fueling, and lubrication), equipment cleaning operations, or airport deicing operations (unless individual permit required by 40 CFR 449):

SIC 40	(Railroad transportation)
SIC 41	(Local and suburban transit and inter-urban highway passenger transportation)
SIC 42	(Motor freight transportation and warehousing) except SIC 4221-4225 (Farm product warehousing and storage, refrigerated warehousing and storage, general warehousing and storage)
SIC 43	(United States Postal Service)
SIC 44	(Water transportation)
SIC 45	(Transportation by air)
SIC 5171	(Petroleum bulk stations and terminals-wholesale)

- Treatment Works treating domestic sewage with a design flow of 1.0 mgd or more; including sludge or wastewater treatment devices or systems used in the storage, treatment, recycling, and reclamation of municipal or domestic sewage, and land dedicated to sludge disposal located within the confines of the facility. This requirement excludes off-site sludge management lands, farm lands, and gardens.
- Discharge of Stormwater from non-classified facilities designated by the Agency as requiring a permit. See Sector AD of Attachment 1 and 2.
- Allowable non-storm water discharges:

General NPDES Permit No. ILR00

- a. The following are the only non-storm water discharges authorized under this permit, provided that all discharges comply with the discharge limitations set forth in Part F:
- i. Discharges from fire-fighting activities.
 - ii. Fire hydrant flushings.
 - iii. Waters used to wash vehicles without the use of detergents or hazardous cleaning products.
 - iv. Waters (without added chemicals) used to control dust.
 - v. Potable water sources including waterline flushings and fire sprinkler flushing.
 - vi. Irrigation drainage.
 - vii. Landscape watering, provided all pesticides, herbicides, and fertilizers have been applied in accordance with the approved labeling.
 - viii. Routine external building wash down, including power washing, which does not use detergents or hazardous cleaning products.
 - ix. Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents or hazardous cleaning products are not used.
 - x. Uncontaminated condensate from air conditioners, coolers, other compressors, and from the outside storage of refrigerated gases or liquids.
 - xi. Uncontaminated ground water or spring water.
 - xii. Foundation or footing drains where flows are not contaminated with process materials.
 - xiii. Incidental windblown mist from cooling towers but not intentional discharges from the cooling tower.
 - xiv. Discharges from the spray down of lumber and wood product storage where no chemical additives are used and no chemicals are applied to the wood during storage. Such discharges are applicable only to Sector A facilities, listed in Attachment 1, provided the non-storm water component of the discharge is in compliance with Part F.2 of this permit.
- b. Except as provided in Part A.9a above, all discharges covered by this permit shall be composed entirely of storm water. Discharges of material other than storm water must be in compliance with an NPDES permit (other than this permit) issued for the discharge.

B. TYPES OF DISCHARGES NOT COVERED BY THIS PERMIT

This permit is not applicable to storm water discharges from the facilities listed below. Storm water discharges from these facilities must be authorized by an individual NPDES permit or alternative general NPDES permit.

1. Discharges subject to storm water effluent limitations guidelines in the following categories;

Cement Manufacturing (40 CFR 411)
Feedlots (40 CFR 412)
Fertilizer Manufacturing (40 CFR 418)
Petroleum Refining (40 CFR 419)
Phosphate Manufacturing (40 CFR 422)
Steam Electric (40 CFR 423)
Coal Mining (40 CFR 434)
Mineral Mining and Processing (40 CFR 436)
Ore Mining and Dressing (40 CFR 440)
Asphalt Emulsion (40 CFR 443).
Airport De-icing (40 CFR 449)

- 2. Hazardous waste treatment, storage, or disposal facilities.
- 3. Steam electric power generating facilities, including coal handling sites.
- 4. Construction site activity including clearing, grading, and excavation activities.
- 5. Storm water discharges associated with industrial activity from facilities with an existing NPDES individual or general permit for the storm water discharges.
- 6. Storm water discharges associated with industrial activity which are identified by the Agency as possibly causing or contributing to a violation of water quality standards.
- 7. Storm water discharges associated with inactive mining or inactive oil and gas operations occurring on Federal

General NPDES Permit No. ILR00

lands where an operator cannot be identified.

8. Storm water discharges to any receiving water identified under 35 Ill. Adm. Code 302.105(d) (6).
9. Storm water discharges that the Agency determines are not appropriately covered by this general permit.
10. Storm water or other discharges of hazardous substances or oil resulting from an on-site spill.
11. Discharges of storm water collected in containment areas at bulk storage and hazardous waste facilities where the storm water becomes contaminated by direct contact with a spill or release of stored materials into the containment area.

C. SPECIAL CONDITIONS

1. Discharging pollutants for which a water body is impaired with an approved TMDL:

- a. The Permittee must determine whether the facility discharges storm water, either directly or indirectly, to the immediate stream segment which is an impaired water body, i.e., a water body included on the most recent U.S. EPA-approved Clean Water Act Section 303(d) list of impaired water bodies. This determination must be made within 6 months of the effective date of this permit, and must be documented in the facility's SWPPP or storm water records. Information on impaired waters is contained in the Agency website below:

<https://www2.illinois.gov/epa/topics/water-quality/watershed-management/tmdls/Pages/303d-list.aspx>

- b. If the Permittee determines that it discharges storm water to the immediate stream segment which is an impaired water body, the Permittee must identify if there is a U.S. EPA-approved TMDL that establishes waste load allocations for discharges of pollutant(s) of concern to the impaired water body. This determination must be made within 6 months of the effective date of this permit, and must be documented in the facility's SWPPP or storm water records. Information on TMDLs is contained in the Agency website below:

<https://www2.illinois.gov/epa/topics/water-quality/watershed-management/tmdls/Pages/default.aspx>

- c. If the Permittee determines that there is a U.S. EPA-approved Total Maximum Daily Load (TMDL) for a water body to which the facility discharges storm water, the permittee must determine if there is a Waste Load Allocation (WLA) applicable to the facility's storm water discharges in the approved TMDL.

- d. If the Permittee determines that it is subject to an applicable (WLA), the following requirements apply:

- i. The Permittee must calculate/quantify the facility's estimated current loading(s) of the pollutant(s) of concern to the impaired water body. This may be done using monitoring data and/or through modeling.
- ii. The Permittee must determine if based on the estimated current loading(s) it is meeting the applicable WLA with current storm water controls and practices. If loading reductions are needed in order to achieve the applicable WLA, the permittee must update its SWPPP to incorporate Best Management Practices (BMPs) or other storm water control measures that will be implemented to reduce loadings of the pollutant(s) of concern and achieve the applicable WLA.

The SWPPP must specifically identify the additional or enhanced BMPs or control measures necessary to reduce loadings of the pollutant(s) of concern, and must also document/summarize modeling and/or other calculations used to estimate that the practices and control measures will reduce loadings to achieve the applicable WLA.

- iii. The SWPPP must define an implementation schedule for implementing the control measures identified necessary to meet the WLA. The schedule for implementing the planned BMPs and/or control measures above must be set out so that the management practices and control measures are in place and operational as quickly as possible. Interim milestones should be established to facilitate assessment of progress in implementing the control measures and gauging progress toward meeting the applicable WLA.
- iv. The Permittee must incorporate into the SWPPP a monitoring/assessment component to evaluate if loading reductions are being achieved as planned in the SWPPP.

General NPDES Permit No. ILR00

- v. The SWPPP may incorporate an adaptive management component, under which the SWPPP can be updated or improved as circumstances allow.
2. Discharges to impaired waters without an approved TMDL:

The Permittee shall monitor all pollutants for which the waterbody is impaired and are associated with the industrial site activity for which a standard analytical method exists (see 40 CFR Part 136) once per year at each outfall (except substantially identical outfalls) discharging stormwater to impaired waters without an approved TMDL
3. Additional Monitoring required by Illinois EPA:

The Agency may require additional monitoring. Any such notice will briefly state the reasons for monitoring, locations, and parameters to be monitored, frequency and period of monitoring, sample types, and reporting requirements.
4. The permittee must post a sign of permit coverage (except in the instance where other laws or local ordinances prohibit such signage) at a safe, publicly accessible location in close proximity to the facility. This notice must include basic information about the facility (e.g., the NPDES ID number), information that informs the public on how to request the facility's Stormwater Pollution Prevention Plan (SWPPP), and how to contact the facility and IEPA if stormwater pollution is observed in the stormwater discharge.

D. APPLICATION REQUIREMENTS

1. Any discharger of storm water associated with industrial activities seeking coverage under this general permit shall provide the Agency with the following information:
 - a.
 - i. A completed electronic submission of the Agency Notice of Intent form, see Part D.6; or
 - ii. A completed electronic submission of the U.S. EPA Form 1, including form 2F and quantitative sampling data when required by Part D.2. See Part D.6.
 - b. An electronic copy of the Storm Water Pollution Prevention Plan (SWPPP or plan) that has been prepared for the industrial site in accordance with Part E of this permit. The electronic copy shall be submitted to the Agency at the following email address: epa.indilr00swppp@illinois.gov.
 - c. For a proposed industrial site, or a proposed modification of an industrial site, an electronic copy of the consultation letters from the Illinois Historic Preservation Agency (IHPA) and the Illinois Department of Natural Resources (IDNR) concerning historic preservation and endangered species compliance. See Part D.6.
2. Quantitative sampling data as required by U.S. EPA Form 2F for storm water discharges from the following existing or new facilities is required to be submitted:
 - a. Facilities subject to reporting requirements under Section 313 of EPCRA for chemicals classified as "Section 313 water priority chemicals": Storm water discharges that come into contact with any equipment, tank, container, or other vessel or area used for storage of a Section 313 water priority chemical, or located at a truck or rail car unloading area where a Section 313 water priority chemical is handled.
 - b. Facilities classified as SIC 33 (Primary Metal Industries).
 - c. Active or inactive landfills, land application sites, or open dumps without a stabilized final cover which have received any industrial wastes.
 - d. Wood treatment facilities: Storm water discharges from areas that are used for wood treatment, wood surface application, or storage of treated or surface protected wood.
 - e. Coal pile runoff at industrial facilities other than coal mines or steam electric power generating facilities.
 - f. Battery reclaiming facilities: Storm water discharges from areas used for storage of lead acid batteries, reclamation products or waste products, and areas used for lead acid battery reclamation.
 - g. Airports not subject to the requirements of 40 CFR 449 (less than 1,000 aircraft departures per year) storm water discharges from aircraft or airport deicing areas.

General NPDES Permit No. ILR00

- h. Meat packing plants, poultry packing plants, and facilities that manufacture animal and marine fats and oils.
 - i. Facilities classified as SIC 28 (Chemicals and Allied Products) and SIC 30 (Rubber and Miscellaneous Plastics Products): Storm water discharges that come into contact with solid chemical storage piles.
 - j. Automobile junkyards: Storm water discharges exposed to over 250 auto/truck bodies with drivelines, over 250 drivelines, or any combination thereof (in whole or in parts); over 500 auto/truck units (bodies with or without drivelines in whole or in parts); or over 100 units per year are dismantled and drainage or storage of automotive fluids occurs in areas exposed to storm water.
 - k. Lime manufacturing facilities: Storm water discharges that have come into contact with lime storage piles.
 - l. Cement manufacturing facilities and cement kilns: Storm water discharges other than those subject to 40 CFR 411.
 - m. Ready-mixed concrete facilities: Sampling data is not required for new ready-mixed concrete facilities or for relocated ready-mixed concrete facilities. Schedule 2-F is not required for existing or previously permitted facilities.
 - n. Ship building and repairing facilities.
 - o. Other industrial activities when requested by the Agency.
3. When a facility has two or more outfalls that, based on consideration of features and activities within the area drained by the outfall, the Permittee reasonably believes discharge substantially identical effluents, the Permittee may sample the effluent of one such outfall and report that quantitative data also applied to the substantially identical outfalls. If the applicant is requesting approval to sample a representative outfall, identification of all storm water outfalls considered to be substantially identical along with the outfall being used to represent such outfalls and appropriate justification must be provided with the application.
4. Existing facilities application/Notice of Intent requirements:
- a. For existing facilities with an individual NPDES permit covering storm water associated with industrial activity, or those facilities that have previously submitted an application for an individual permit and not yet received a permit, the Permittee/Applicant may elect to seek coverage under this general permit in place of obtaining an individual permit. To be considered for coverage the Permittee/Applicant is required to submit the information, in Part D.1.
 - b. For existing facilities that have submitted a NOI for coverage of any discharge of storm water associated with industrial activities under this general permit a new or revised NOI will not be required unless the industrial activity at the site has substantially changed.
5. For new facilities, the NOI and required information shall be submitted 180 days prior to the date on which the discharge is to commence unless permission for a later date has been granted by the Agency. Mobile facilities (such as concrete or asphalt batch plants) shall apply at least 30 days prior to discharge.
6. The required information from Part D.1.a.i and ii and D.1.c, shall be submitted to one of the following addresses:
- a. Electronic submission shall be submitted to:
epa.indilr00swppp@illinois.gov
 - b. If electronic submittal is unavailable the required information should be submitted to the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Permit Section #15
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
7. Authorization: Owners or operators must submit either an NOI in accordance with the requirements of this permit or an application for an individual NPDES Permit to be authorized to discharge under this General Permit. Authorization, if granted, will be by letter from the Agency and include a copy of this Permit. Upon review of an

General NPDES Permit No. ILR00

NOI, the Illinois EPA may deny coverage under this Permit and require submittal of an application for an individual NPDES Permit.

- a. Automatic Continuation of Expired General Permit: Except as provided in D.7.b below, when this General Permit expires the conditions of this permit shall be administratively continued until the earliest of the following:
 - i. 150 days after the new General Permit is issued;
 - ii. The Permittee submits a Notice of Termination (NOT) and that notice is approved by Illinois EPA;
 - iii. The Permittee is authorized for coverage under an individual permit or the renewed or reissued General Permit;
 - iv. The Permittee's application for an individual permit for a discharge or NOI for coverage under the renewed or reissued General Permit, is denied by the Illinois EPA;
 - v. Illinois EPA issues a formal permit decision not to renew or reissue this General Permit. If not renewed this expired General Permit shall be automatically administratively continued after such formal permit decision.
 - b. Duty to Reapply:
 - i. If the Permittee wishes to continue a discharge activity regulated by this General Permit, the Permittee must apply for new permit coverage before the expiration of the administratively continued period specified in D.7.a above.
 - ii. If the Permittee reapplies in accordance with the provisions of D.7.a above, the conditions of this General Permit shall continue in full force and effect under the provisions of 5 ILCS 100/10-65 until the Illinois EPA makes a final determination on the application or NOI.
 - iii. If the Agency makes a formal decision not to renew this General Permit, the Permittee will have 150 days to supplement any previously submitted application or NOI after the date of the formal decision by Illinois EPA.
 - iv. Standard Condition 2 of Attachment H is not applicable to this General Permit.
8. Facilities which discharge storm water associated with industrial activity to a municipal separate storm sewer system (MS4) shall notify the MS4 owner at the time of application to the Agency, and shall provide the MS4 owner with a copy of their application if requested.

E. STORM WATER POLLUTION PREVENTION PLAN (SWPPP or Plan)

1. A SWPPP shall be developed by the Permittee and submitted to the Agency for each facility covered by this permit. The Plan shall identify potential sources of pollution which may be expected to affect the quality of storm water discharges associated with the industrial activity at the facility. The Plan shall describe the selection, design, and installation of control measures which are to be used to reduce the pollutants in storm water discharges associated with industrial activity at the facility to comply with the requirements of this permit. An electronic copy of the Plan shall be submitted to the Agency at the following email address: epa.indlr00swppp@illinois.gov. The Permittee shall submit any modified plans to the Agency, when such modification includes substantive changes to the Plan, or modification is made to the Plan to ensure compliance with this permit. The SWPPP shall be implemented by the Permittee on an on-going basis.
 - a. Waters not classified as impaired pursuant to Section 303(d) of the Clean Water Act:

The SWPPP shall be designed for a storm event equal to or greater than a 25-year 24-hour rainfall event unless federal regulations allow for a less restrictive rainfall event.
 - b. Waters classified as impaired pursuant to Section 303(d) of the Clean Water Act:

For any site which has a current NPDES permit and discharges directly or indirectly to an impaired water identified in the Agency's 303(d) listing, and if any parameter in the subject discharge has been identified as the cause of impairment, the SWPPP shall be designed for a storm event equal to or less than a 25-year 24-

General NPDES Permit No. ILR00

hour rainfall event. If required by federal regulations, the SWPPP shall adhere to a more restrictive design criteria.

- c. If the Permittee discharges to an impaired water with an established U.S. EPA approved or established TMDL and the SWPPP has been modified in accordance with Part E.1.b, above, Illinois EPA will review the SWPPP and inform the Permittee in writing if additional pollutant control measures for rainfall events are necessary for the discharge to be consistent with the assumptions of any available waste load allocations in the TMDL or if coverage under an individual permit is necessary.
2. Plans for new facilities shall be completed prior to submitting an NOI to be covered under this permit. An electronic copy of the SWPPP shall be submitted to the Agency at the following email address: epa.indilr00swppp@illinois.gov. Plans shall provide for compliance with the effluent limitations in Part F of this permit prior to operation of any industrial activity to be covered under this permit. [Note: If the plan has already been required to be developed under a previous permit it shall be updated and maintained in accordance with all requirements of this Special Condition within 180 days of the effective date of this permit.]. The owner or operator of an existing facility with storm water discharges covered by this permit shall submit a copy of the Plan to the Agency and shall make a copy of the Plan available to the Agency during any inspection of the site.

Facilities which discharge to an MS4 shall also make a copy available to the operator of the municipal system at any reasonable time upon request.

3. The Permittee may be notified in writing by the Agency at any time that the Plan does not meet the requirements of this permit. After such written notification, the Permittee shall modify the Plan and shall submit a revised plan to the Agency with the requested changes that have been made. Unless otherwise provided, the Permittee shall have 30 days after such notification to make the changes.
4. The Permittee shall modify the SWPPP based on the corrective actions and deadlines required in Part H.2 and that the Permittee documented in Part H.2, such that the triggering conditions for corrective action in Part H.1 do not reoccur. The Permittee shall also modify the SWPPP whenever there is a change in construction, operation, or maintenance which may affect the discharge of significant concentrations or quantities of pollutants to the waters of the United States. SWPPP modifications must be signed in accordance with Attachment H.11.
5. The Plan shall provide a description of potential sources which may be expected to add significant quantities of pollutants to storm water discharges, or which may result in non-storm water discharges from the facility. The Plan shall include, at a minimum, the following items:
 - a. A topographic map extending one-quarter mile beyond the property boundaries of the facility, showing: the facility, surface water bodies, wells (including injection wells), seepage pits, infiltration ponds, and the discharge points where the facility's storm water discharges to a municipal storm drain system or other water body. The requirements of this paragraph may be included on the site map if appropriate. Any map or portion of map may be withheld for security reasons.
 - b. A site map showing:
 - i. The storm water conveyance and discharge structures;
 - ii. An outline of the storm water drainage areas for each storm water discharge point, location, and identification of any MS4 to which the industrial site discharges storm water;
 - iii. Paved areas and buildings;
 - iv. Areas used for outdoor manufacturing, storage trash dumpsters and compactors or disposal of significant materials, including activities that generate significant quantities of dust or particulates;
 - v. Location of existing or planned storm water structural control measures/practices (dikes, coverings, detention facilities, etc.);
 - vi. Surface water locations and/or municipal storm drain locations;
 - vii. Areas of existing and potential soil erosion;
 - viii. Vehicle service areas;
 - ix. Material loading, unloading, transfer, and access areas;

General NPDES Permit No. ILR00

- x. Direction of storm water flow (use arrows);
- xi. Locations of storm water monitoring points;
- xii. Location of any potable water supply wells;
- xiii. Fueling stations;
- xiv. Immediate access roads and rail lines;
- xv. Vehicle or product machinery related to industrial activity;
- xvi. Locations and sources of run-on to the site from adjacent properties that contains significant quantities of pollutants; and
- xvii. Location of any material storage areas (i.e. deicing material, fertilizers, soil stockpiles, etc.).

Areas under Items iv. and ix. above may be withheld from the site map for security reasons.

- c. A narrative description of the following potential pollutant sources:
 - i. The nature of the industrial activities conducted at the site and a list of the activities exposed to storm water;
 - ii. A list of pollutant(s) or pollutant constituents associated with each identified activity above, which could be exposed to storm water or snowmelt and could be discharged from the facility. The Permittee must document all significant material that have been handled, treated, stored or disposed of, and that have been exposed to Storm Water in the three years prior to the date the Permittee prepares or amends its SWPPP. Materials, equipment, and vehicle management practices employed to minimize contact of significant materials-with storm water discharges (include on site map);
 - iii. Existing or future structural and non-structural control measures/practices to reduce pollutants in storm water discharges;
 - iv. Industrial storm water discharge treatment facilities (include on site map) and;
 - v. Methods of onsite storage and disposal of significant materials.
 - d. Provide a list of any pollutant that is listed as a cause of impairment in the most recent 303(d) report and may be associated with the industrial site activity and may be discharged in storm water from the industrial site.
 - e. An estimate of the size of the facility in acres or square feet, and the percent of the facility that has impervious areas such as pavement or buildings.
 - f. A summary of existing sampling data describing pollutants in storm water discharges.
- 6. The Plan shall document the location and describe the storm water management controls which are or will be implemented by the facility to meet the requirements of this permit. The appropriate controls shall reflect identified existing and potential sources of pollutants at the facility. The Permittee shall properly maintain storm water BMPs and other control measures to ensure effectiveness and continuity of operation.
 - 7. Storm Water Pollution Prevention Personnel; Identification by name, job titles, direct telephone numbers and email addresses (if available) of the individuals who are responsible for developing, implementing, and revising the Plan. All storm water pollution prevention personnel must have ready access to the most updated copy of the SWPPP and all associated documents and information as required by this permit.
 - 8. Non-Storm Water Discharges; The Permittee shall include a certification that the discharge has been tested or evaluated for the presence of non-storm water discharges. The certification shall include a description of any tests for the presence of non-storm water discharges, the methods used, the dates of the testing, and any onsite drainage points or outfalls that were observed during the testing and action(s) taken to eliminate the discharge or documentation that a separate NPDES Permit was obtained. Except as provided in Part A.8 of this permit,

General NPDES Permit No. 1LR00

discharges not comprised entirely of storm water are not authorized by this Permit or the permit shield provision in CWA Section 402(k) and must be covered by another NPDES Permit.

9. The following must be documented in the SWPPP:

- a. Good Housekeeping (F.2.c) – A requirement that waste materials be regularly picked up and disposed of, along with routine inspections for leaks and conditions of drums, tanks and containers;
- b. Maintenance (F.2.b) – Procedures and frequencies for inspection and maintenance of storm water conveyance system devices such as oil/water separators, catch basins, etc., and inspection and testing of plant equipment and systems that could fail and result in discharges of pollutants to storm water. The SWPPP shall include the schedule or frequency for maintaining all control measures;
- c. Spill Prevention and Response (Part F.2.d) – Procedures for responding to spills and leaks, including internal and third-party notification procedures. For preventing spills, include in the SWPPP the control measures for material handling and storage, and procedures for preventing spills that can contaminate storm water. Also, specify Spill clean-up equipment and procedures should be identified, as appropriate;
- d. Erosion and Sediment Control (Part F.2.f) – If the Permittee uses polymers and/or other chemical treatments as part of a control measure, the Permittee must identify the polymer and/or chemicals used and the purpose, and
- e. Employee Training (Part F.2.g) – The elements of the employee training plan shall include all, but not be limited to, the requirements set forth in Part F.2.g and also include the following:
 - i. The content of the training;
 - ii. The frequency/schedule of the training for employees who have duties in areas of industrial activity subject to this permit; and
 - iii. A log of the date on which specific employees receive training.

10. Inspections.

- a. The Permittee must document in the SWPPP its procedures for performing, as appropriate, the types of inspections specified in this permit, including:
 - i. Routine facility inspections (See Part G.1), and
 - ii. Quarterly visual assessment of storm water discharges (See Part J.1).
- b. If the Permittee is invoking the exception for inactive and unstaffed sites relating to routine facility inspections and quarterly visual assessments, the Permittee must include in the SWPPP the information to support this claim as required by Parts G.5.

11. Monitoring.

- a. The Permittee must document in the SWPPP the procedures for conducting two types of analytical monitoring specified by the permit, where applicable to the facility:
 - i. Benchmark monitoring (See Part J.2)
 - ii. Site-specific monitoring
- b. For each type of monitoring, the SWPPP must document:
 - i. Locations where samples are collected, including any determination that two or more outfalls are identical;
 - ii. Parameters for sampling and the frequency of sampling for each parameter;
 - iii. Schedules for monitoring at the facility;

General NPDES Permit No. ILR00

- iv. Any numeric control values (benchmarks, TMDL-related requirements) applicable to discharges from each outfall; and
 - v. Procedures (e.g., responsible staff, logistics, laboratory to be used) for gathering data.
- c. If the Permittee is invoking the exception for inactive and unstaffed sites, the Permittee must include a certification in the SWPPP to support this claim as required by Part G.5.
- d. The Permittee must document the following in the SWPPP if the Permittee plans to use the substantially identical outfall exception for the quarterly visual assessment requirements in Part J.1.e or benchmark monitoring requirements in J.2.f.:
- i. Locations of each of the substantially identical outfalls;
 - ii. Description of the general industrial activities conducted in the drainage area of each outfall;
 - iii. Description of the control measures implemented in the drainage area of each outfall;
 - iv. Description of the exposed materials located in the drainage area of each outfall that are likely to be significant contributors of pollutants to storm water discharges;
 - v. An estimate of the runoff coefficient of the drainage areas (low= under 40%, medium= 40% to 65%, high= above 65%); and
 - vi. Why the outfalls are expected to discharge substantially identical effluents.
12. This Plan shall briefly describe the appropriate elements of other program requirements, including Spill Prevention Control and Countermeasures (SPCC) plans required under Section 311 of the CWA and the regulations promulgated thereunder, and Best Management Programs under 40CFR125.100. Other program requirements such as SPCC may be referenced in the Plan.
13. The Plan is considered a report that shall be available to the public at any reasonable time upon request.
14. The Plan shall include the signature and title of the person responsible for preparation of the Plan and include the date of initial preparation and each amendment thereto.
15. Facilities which discharge storm water associated with industrial activity to an MS4 may also be subject to additional requirements imposed by the operator of the municipal separate storm sewer system.
16. Additional Documentation Requirements.

The Permittee is required to keep the following inspection, monitoring, and certification records with the SWPPP that keep the records complete and up-to-date, and demonstrate full compliance with the conditions of this permit:

- a. A copy of the NOI submitted to the Agency along with any correspondence exchanged between the Permittee and the Agency specific to coverage under this permit;
- b. A copy of this permit;
- c. 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/replacements, and for repairs, date(s) the control measures returned to full function, and the justification of any extended maintenance/repair schedules (See Part F.2.b);
- d. All inspection reports, including Routine Facility Inspection Reports (Part G.1) and Quarterly Visual Assessment Reports (J.1) and benchmark monitoring results;
- e. Description of any deviation from the schedule for visual assessments and/or monitoring, and the reasons for the deviations;
- f. Description of any corrective action triggering event/condition listed in Part H.1 and documented in Part H.2.;
- g. Documentation of any benchmark exceedance and the type of response employed, including:
 - i. The corrective action taken;

General NPDES Permit No. ILR00

- ii. A finding that the exceedance was due to natural background pollutant levels; or
 - iii. A finding that no further pollutant reductions were technologically available and economically practicable in light of best industry practice consistent with Part J.2.;
 - h. Documentation to support any determination that pollutants of concern are not expected to be present above natural background levels if the facility discharges directly to impaired waters, and such pollutants were not detected in the discharge or were solely attributable to natural background sources (See Part J.2);
 - i. Documentation to support the claim that the facility has changed its status from active to inactive and unstaffed with respect to the requirements to conduct routine inspections (See Part G.5), quarterly visual assessments (see Part J.1) and/or benchmark monitoring (see Part J.2); and
 - j. Electronic copies of all documents, including the SWPPP, are acceptable.
17. Modifications to the following requirements in the plan shall be submitted to the Agency pursuant to Part K.1.: E.I.c., E.6., E.7., E.16.f., E.16.g., E.16.i.

F. Control Measures and Discharge Limitations

In the technology-based limits included below, the term "minimize" means reduce and/or eliminate to the extent achievable using control measures (including best management practices) that are technologically available and economically practicable and achievable.

1. Storm Water Controls

The Permittee must select, design, install, and implement control measures (including best management practices) to meet the discharge limitations in Part F.2. and meet the water quality-based effluent limitations in Part F.3. The selection, design, installation, and implementation of these control measures must be in accordance with good engineering practices and manufacturer's specifications. Note that the Permittee may deviate from such manufacturer's specifications where it provides justification for such deviation and include documentation of its rationale in the part of its SWPPP that describes its control measures, consistent with Part E.6. If the Permittee finds that its control measures are not achieving their intended effect of minimizing pollutant discharges, it must modify these control measures in accordance with the corrective action requirements set forth in Part H. Regulated storm water discharges from the Permittee's facility include storm water run-on that commingles with storm water discharges associated with industrial activity at its facility. Operators may consider implementing enhanced stormwater control measures for facilities that could be impacted by major storm events such as a storm surge and flooding events.

2. Discharge Limitations

- a. Minimize Exposure – The Permittee must minimize the exposure of manufacturing, processing, and material storage areas (including loading and unloading, storage, disposal, cleaning, maintenance, and fueling operations) to rain, snow, snowmelt, and runoff by either locating these industrial materials and activities inside or protecting them with storm resistant coverings. In order to minimize exposure, where feasible, the Permittee must include the following BMPs where applicable:
 - i. Use grading, berming, or curbing to prevent runoff of contaminated flows and divert run-on away from these areas;
 - ii. Containment - Storage within berms or other secondary containment devices to prevent leaks and spills from entering storm water runoff. To the maximum extent practicable, storm water discharged from any area where pollutants from material handling equipment or activities, raw materials, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to storm water should not enter vegetated areas or surface waters or infiltrate into the soil unless adequate treatment is provided;
 - iii. Clean up spills and leaks promptly using dry methods (e.g., absorbents) or other cleanup methods to prevent the discharge of pollutants;
 - iv. Store leaky vehicles and equipment indoors or, if stored outdoors, use drip pans and absorbents;
 - v. Use spill/overflow protection equipment;

General NPDES Permit No. ILR00

- vi. Perform all vehicle and/or equipment cleaning operations indoors, under cover, or in bermed areas that prevent runoff and run-on and also that capture any overspray;
 - vii. Drain fluids from equipment and vehicles that will be decommissioned or will remain unused for extended periods of time;
 - viii. Ensure that all washwater, with the exception of discharges from pavement wash water and routine building washdown, drains to a sanitary sewer, sump, or other proper collection system (i.e., not the storm water drainage system).
 - ix. Oil & Grease Separation-Oil/water separators, booms, skimmers, or other methods to minimize oil contaminated storm water discharges; and
 - x. Minimize dust and offsite tracking of raw, final, and waste materials. Trash disposal areas where dumpsters and rolloff boxes are located shall have the lids which shall remain closed when not in use. For dumpsters and roll off boxes that do not have lids BMPs shall be utilized to prevent any contaminate storm water runoff.
- b. Preventive Maintenance – The Permittee must have procedures and frequencies for inspection and maintenance of storm water conveyance system devices such as oil/water separators, catch basins, etc., and inspection and testing of plant equipment and systems that could fail and result in discharges of pollutants to storm water.
- c. Good Housekeeping and Pollution Prevention Practices - Good housekeeping requires the maintenance of clean, orderly facility areas that discharge storm water. Material handling areas shall be inspected and cleaned as necessary to reduce the potential for pollutants to enter the storm water conveyance system. The Permittee shall implement pollution prevention practices in areas that include, but are not limited to, trash containers, storage areas, loading docks, vehicle fueling, and maintenance. Exposed areas that may contribute pollutants to storm water shall be minimized to reduce or eliminate contaminated storm water runoff.
- d. Spill Prevention and Response – Identification of areas where significant materials can spill into or otherwise enter the storm water conveyance systems and their accompanying drainage points. The Permittee must minimize the potential for leaks, spills, and other releases that may be exposed to storm water and develop plans for effective response to such spills if or when they occur. The Permittee must conduct spill prevention and response measures, including but not limited to, the following:
- i. Plainly label containers (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;
 - ii. Implement procedures for material storage and handling, such as 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;
 - iii. Develop spill response training procedures for preventing, containing, and cleaning up leaks, spills, and other releases. Spills shall be cleaned and any contaminated water or solids shall be disposed of in accordance with applicable regulations. As appropriate, execute such procedures as soon as possible;
 - iv. Keep spill kits on-site, in easily accessible locations,
 - v. Notify appropriate facility personnel, and for significant spills, emergency response agencies and regulatory agencies, when a leak, spill, or other release occurs;
 - vi. Document all significant spills and leaks of oil or toxic or hazardous pollutants that actually occurred in the exposed areas, or that drained to a storm water conveyance, during the previous 5 years; and
 - vii. Visually inspect retained storm water (e.g. storm water in a secondary containment structure) prior to discharge, to assure the storm water contains no unnatural turbidity, color, oil films, foams, settleable solids, or deposits before discharging any collected storm water.
- e. Storm Water Management Practices - Storm water management practices are practices other than those which control the source of pollutants. They include measures such as installing oil and grit separators,

General NPDES Permit No. ILR00

diverting storm water into retention basins, etc. Based on assessment of the potential of various sources to contribute pollutants, measures to remove pollutants from storm water discharge shall be implemented. The following management practices shall be considered and implemented as applicable:

- i. Debris & Sediment Control - Screens, booms, sediment ponds, or other methods to reduce debris and sediment in storm water discharges;
 - ii. Covered Storage or Manufacturing Areas - Covered fueling operations, materials, manufacturing, and storage areas to prevent contact with storm water. This includes any pesticide, herbicide, fertilizer, or any other chemical storage area;
 - iii. Mercury Switch Removal and Recycling - Mercury containing convenience lighting switches and anti-lock brake assemblies shall be removed from vehicles and recycled in an approved manner which prevents mercury from entering the storm water discharges; and
 - iv. Storm Water Reduction - To minimize storm water runoff, install vegetation on roofs of buildings within and adjacent to the exposure area to detain and evapotranspire runoff where the precipitation falling on the roof is not exposed to contaminants. Capture storm water for use as appropriate based on quality where feasible and applicable.
- f. Sediment and Erosion Prevention - where feasible and applicable, the Permittee must minimize erosion by stabilizing exposed soils at the facility and placing flow velocity dissipation devices at discharge locations. The Permittee must also use structural and non-structural control measures to prevent the discharge of sediment. If the Permittee uses polymers and/or other chemical treatments as part of its controls, it must identify the polymers and/or chemicals used and the purpose. Information on BMPs for erosion and sediment control is available at the following websites:

USEPA National Menu of Best Management Practices (BMPs) for Storm Water

<https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#edu>

Illinois Urban Manual:

<http://www.aiswcd.org/illinois-urban-manual/>

- g. Employee Training - The Permittee must train all employees who work in areas where industrial materials or activities are exposed to storm water, or who are responsible for implementing activities necessary to meet the conditions of this permit (e.g., inspectors, maintenance personnel), including all pollution prevention personnel. Employees shall be trained at a minimum of once per calendar year. The Permittee shall ensure the following personnel are trained on the requirements of this permit:
- i. Personnel who are responsible for the design, installation, maintenance, and/or repair of controls (including pollution prevention measures);
 - ii. Personnel responsible for the storage and handling of chemicals and materials that could become contaminants in storm water discharges;
 - iii. Personnel who are responsible for conducting and documenting monitoring and inspections as required in Parts G and J; and
 - iv. Personnel who are responsible for performing and documenting corrective actions as required in Part H.
- h. De-icing Material Storage - Storage piles of deicing material used onsite or for other commercial or industrial purposes must be enclosed or covered to prevent exposure to precipitation (except for exposure resulting from adding or removing materials from the pile). The Permittee must document and implement appropriate pollution prevention measures that minimize exposure to storm water when adding to or removing material from the pile. Piles do not need to be enclosed or covered where storm water from the pile is not discharged to Waters of the United States or the discharges from the piles are authorized under another permit. The Permittee must document the location of any storage piles of deicing material to be used for deicing or for other commercial or industrial use in the SWPPP site map (E.5.b.xvii).
- i. Plastic Materials Requirements: Facilities that handle pre-production plastic pellets are required to implement

best management practices to eliminate discharges of plastic in storm water. Examples of plastic material required to be addressed as storm water pollutants include plastic resin pellets, powders, flakes, additives, regrind, scrap, waste and recycling.

3. Water Quality-Based Effluent Limitations.

- a. Water Quality Standards - Discharges covered by this permit, alone or in combination with other sources, shall not cause or contribute to a violation of any applicable water quality standard pursuant 35 Ill. Adm. Code 304.105;
- b. The Permittee must implement all controls necessary to comply with a waste load allocation in an EPA established or approved TMDL as required in Part C;
- c. Except for discharges authorized in Part A.8 of this permit, the Permittee shall effectively prohibit non-storm water discharges into the storm sewer system; and
- d. The Permittee shall not allow any offensive discharges pursuant to 35 Ill. Admin. Code Section 304.106.

G. INSPECTIONS

1. The Permittee shall conduct facility inspections covering all the areas subject to the requirements of this permit and identified in the SWPPP within 72 hours of the beginning of a storm event.

Inspections must be conducted at least quarterly or in some instances more frequently as appropriate. At least one of the Permittee's routine inspections must be conducted during a period when a storm water discharge is occurring. If no storm event occurs during the quarter or during the period specified if more frequent inspection are appropriate, a dry weather inspection is allowed.

Inspections must be performed by qualified personnel (as defined in Part M.12) with at least one member of the storm water pollution prevention personnel participating. The Permittee may prioritize facility outfalls to allow for adequate quarterly inspections during flooding conditions. Inspectors must consider the results of any visual and analytical monitoring for the past year when planning and conducting inspections as well as where:

During the inspection the Permittee must consider the following:

- a. Industrial materials, residue or trash may have or could come into contact with storm water.
- b. Leaks or spills from industrial equipment, drums, tanks and other containers.
- c. Offsite tracking of industrial or waste materials, or sediment may occur, such as where vehicles enter or exit the site.
- d. Tracking or blowing of raw, final or waste materials may occur from areas of no exposure to exposed areas.
- e. Control measures which may need replacement, maintenance or repair.

During an inspection occurring during a storm water discharge, control measures implemented to comply with benchmark monitoring requirements must be observed to ensure they are functioning correctly. Discharge points, as defined in Part M.3, must also be observed during this inspection. If such discharge locations are inaccessible, nearby downstream locations must be inspected.

2. The Permittee must document the findings of the facility inspections and maintain this report with its SWPPP. The Permittee must summarize all findings in the annual report per Part K. Document all findings, including but not limited to, the following information:
 - a. The inspection date and time;
 - b. The name(s) and signature(s) of the inspector(s);
 - c. Weather information including flooding events;
 - d. All observations relating to the implementation of control measures at the facility, including:

General NPDES Permit No. 1LR00

- i. A description of any discharges occurring at the time of the inspection;
 - ii. Any previously unidentified discharges and/or pollutants from the site;
 - iii. Any evidence of, or the potential for, pollutants entering the drainage system; 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;
 - iv. Any control measures needing maintenance, repairs, or replacement;
 - e. Any additional control measures needed to comply with the permit requirements; and
 - f. Any incidents of noncompliance observed.
 - g. Any outfall not inspected due to flooding conditions,
3. Any corrective action required as a result of a routine facility inspection must be performed consistent with Part H of this permit.
 4. If the Permittee performed a visual observation required in Section J.1 during the facility inspection, the Permittee may include the results of the assessment with the report required in Part G.2, provided all components of both types of inspections are included in the report.
 5. Exceptions to Routine Facility Inspections for Inactive and Unstaffed Sites.

The Permittee may exercise a waiver of the facility inspection requirement at a facility that is inactive and unstaffed, provided there are no industrial materials or activities exposed to storm water. If the Permittee exercises this waiver, the Permittee must maintain a certification with the SWPPP stating that the site is inactive and unstaffed, and that there are no industrial materials or activities exposed to storm water.

H. CORRECTIVE ACTIONS

1. Conditions Requiring SWPPP Review and Revision.

The Permittee must review the SWPPP when any of the following conditions occur:

- a. An unauthorized release or discharge (e.g., spill, leak, or discharge of non-storm water not authorized by this or another NPDES permit) occurs at the facility;
- b. Control measures are not stringent enough for the discharge to meet applicable water quality standards or the conditions of this permit;
- c. A required control measure was never installed, was installed incorrectly, or not in accordance with this permit or is not being properly operated or maintained;
- d. Visual observations indicate signs of storm water pollution (e.g., unnatural color, odor, turbidity, floatable material, settled solids, suspended solids, foam, and oil sheen);
- e. The average of four quarterly sampling results exceeds any applicable benchmark monitoring concentration. If less than four 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 monitoring concentration) this is considered a benchmark exceedance, triggering this review;
- f. Construction or a change in design, operation, or maintenance at the facility that modifies the type or concentration of pollutants discharged in storm water from the facility, or increases the quantity of pollutants discharged;

2. Corrective Actions and Deadlines.

- a. Immediate Actions. If any condition in Part H.1 occurs, the Permittee must immediately take all reasonable steps necessary to minimize or prevent the discharge of pollutants until a permanent solution is installed

General NPDES Permit No. ILR00

and made operational, including cleaning up any contaminated surfaces so that the material will not discharge in subsequent storm events.

- b. Subsequent Actions. If the Permittee determines that additional changes are necessary beyond those implemented pursuant to this permit, it must install a new or modified control and make it operational, or complete the repair, before the next storm event if possible, and within 14 calendar days from the time of discovery. If it is infeasible to complete the installation or repair within 14 calendar days, the Permittee must document why it is infeasible to complete the installation or repair 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.

Where the Permittee's corrective actions result in changes to any of the controls or procedures documented in its SWPPP, the Permittee must modify its SWPPP accordingly within 14 calendar days of completing corrective action work.

- c. Corrective Action Documentation. The Permittee must document the existence of any of the conditions listed in Part H.1 within 24 hours of becoming aware of such condition. The Permittee is not required to submit its corrective action documentation to Illinois EPA. Include the following information in the documentation:
- i. Identification and description of the condition triggering the need for corrective action review. For any spills or leaks, include the following information: a description of the incident including material, date/time, amount, location, and reason for spill, and any leaks, spills or other releases that resulted in discharges of pollutants to waters of the State, through storm water or otherwise;
 - ii. Date the condition was identified;
 - iii. For any spills or leaks, include response actions, the date/time clean-up completed, notifications made, and staff involved. Also include any measures taken to prevent the reoccurrence of such releases ; and
 - iv. The Permittee must also document the corrective actions taken that occurred as a result of the conditions listed in Section H.1, within 14 days from the time of discovery of any of those conditions. Provide the dates when each corrective action was initiated and completed (or is expected to be completed). If applicable, document why it is infeasible to complete necessary installations or repairs within the 14-day timeframe and document the Permittee's schedule for installing the controls and making them operational as soon as practicable after the 14-day timeframe.
- d. Substantially Identical Outfalls. If the event triggering corrective action is similar to an outfall that represents other substantially identical outfalls, the Permittee's review must assess the need for corrective action for each outfall represented by the outfall that triggered the review. Any necessary changes to control measures that affect these other outfalls must also be made before the next storm event if possible, or as soon as practicable following that storm event. The SWPPP must be modified to include any additional control measures required pursuant to this paragraph.

I. CONSTRUCTION AUTHORIZATION

1. Authorization is hereby granted to construct treatment works and related equipment that may be required by the SWPPP developed pursuant to this permit.
2. This Authorization is issued subject to the following condition(s):
 - a. The issuance of this authorization:
 - i. does not release the Permittee from any liability for damage to persons or property caused by or resulting from the installation, maintenance, or operation of the proposed facilities;
 - ii. does not take into consideration the structural stability of any units or part of this project; and
 - iii. does not release the Permittee from compliance with other applicable statutes of the State of Illinois or other applicable local law, regulations, or ordinances;
 - b. If any statement or representation is found to be incorrect, this authorization may be revoked and the Permittee thereupon waives all rights thereunder;

General NPDES Permit No. ILR00

3. Plans and specifications of all treatment equipment being included as a part of the Storm Water Management Practice shall be included in the SWPPP;
4. Any modification of or deviation from the plans and specifications originally submitted with the initial SWPPP requires amendment of the SWPPP; and
5. Construction activities which result from treatment equipment installation, including clearing, grading, and excavation activities which result in the disturbance of one acre or more of land area, are not covered by this authorization. The Permittee shall contact the Agency regarding any additional required permit(s).

J. MONITORING

1. Quarterly Visual Observation of Discharges – The requirements and procedures for quarterly visual observations are applicable to all facilities covered under this permit, regardless of the Permittee's sector of industrial activity.
 - a. The Permittee must perform and document a quarterly visual observation of a storm water discharge associated with industrial activity from each outfall. The visual observation must be made during daylight hours. If no storm event resulted in runoff during daylight hours on normal work days from the facility during a monitoring quarter, no visual observation is required for that quarter, provided the permittee documents that no observable runoff occurred. Normal work days do not include weekends or Federal holidays. The Permittee must sign and certify the documentation.
 - b. Visual observation must be made on samples collected within 1 hour of an actual discharge from a storm event equal to or greater than 0.25 inch in 24 hours. If it is not possible to take a sample within the first hour of the discharge, the sample must be collected as soon as practicable after the first hour and the Permittee must explain why it was not possible to take samples within the first hour. In the case of snowmelt, the samples must be taken from an actual discharge from the site. For storm events, samples must be collected from a storm event discharge at least 72 hours from the previous discharge. The 72 hour interval does not apply if the Permittee documents that a less than 72 hour event is representative for local storm events during the sampling period. The observation must document: unnatural color, odor, clarity, floatable solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution if present in the discharge. If visual observations indicate any unnatural color, odor, turbidity, floatable material, oil sheen or other indicators of storm water pollution, the Permittee shall obtain a sample and test for the parameter or the list of pollutants as provided pursuant to Part E.5.C.ii and/or E.5.d. and initiate corrective action in Part H.
 - c. The Permittee must maintain visual observation reports onsite with the SWPPP. Each report must include the observation date and time, inspection personnel, outfall location, nature of the discharge (i.e., runoff or snow melt), visual quality of the storm water discharge (including observations of unnatural color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution), and probable sources of any observed storm water contamination.
 - d. The Permittee may exercise a waiver of the visual observation requirement at a facility that is inactive and unstaffed, as long as there are no industrial materials or activities exposed to storm water. If the Permittee exercises this waiver, the Permittee must maintain a certification with the SWPPP stating that the site is inactive and unstaffed, and that there are no industrial materials or activities exposed to storm water.
 - e. Representative Outfalls. If the Permittee's facility has two or more outfalls that are believed to discharge substantially identical effluents, based on similarities of the industrial activities, significant materials, size of drainage areas, and storm water management practices occurring within the drainage areas of the outfalls, the Permittee may conduct visual observation of the discharge at just one of the outfalls and report that the results also apply to the substantially identical outfall(s).
 - f. Visual observation documentation shall be made available to the Agency and general public upon written request.
2. Benchmark Monitoring. This permit specifies pollutant benchmark concentrations that are applicable to certain sectors/subsectors as specified in Attachment 1. Benchmark monitoring data are primarily for the Permittee's use to determine the overall effectiveness of specific control measures and to assist Permittees in knowing when additional corrective action(s) may be necessary to comply with the discharge limitations in Part F.
 - a. The benchmark concentrations are not discharge limitations. However, corrective action is required as the

General NPDES Permit No. ILR00

result of a benchmark exceedance pursuant to Part H.

- b. At the Permittee's discretion, more than four samples may be taken during separate runoff events and used to determine the average benchmark parameter concentration for facility discharges.
- c. **Applicability of Benchmark Monitoring.** 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. Industry-specific benchmark concentrations are listed in the sector-specific sections of Attachment 1. If a facility is in one of the industrial sectors subject to benchmark concentrations that are hardness-dependent, the Permittee is required to submit representative hardness values of the receiving water. The hardness value shall be submitted with the initial benchmark report.
- d. Samples must be analyzed consistent with 40 CFR Part 136 analytical methods and using test procedures with quantitation limits at or below benchmark values for all benchmark parameters for which sampling is required.
- e. **Benchmark Monitoring Schedule.** Benchmark monitoring must be conducted quarterly for first four full quarters of permit coverage commencing no later than 180 days after the effective date of this permit.
 - i. **Data not exceeding benchmarks:** After collection of four quarterly samples, if the average of the four monitoring values for any parameter does not exceed the benchmark, monitoring requirements for that parameter for the permit term have been fulfilled;
 - ii. **Data exceeding benchmarks:** After the collection of four quarterly samples, if the average of the four monitoring values for any parameter exceeds the benchmark, the Permittee must, in accordance with Part H, review the selection, design, installation and implementation of the control measures to determine if modifications are necessary to meet the discharge limitations in this permit, and either:
 - A. 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
 - B. Make a determination that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice to meet the technology discharge limitations or are necessary to meet the water-quality-based discharge limitations in Parts F.2 and F.3 of this permit, in which case the Permittee must continue monitoring once per year. The Permittee must also document the rationale for concluding that no further pollutant reductions are achievable, and retain all records related to this documentation with the SWPPP.
 - C. In accordance with Part H, the Permittee must review the control measures and perform any required corrective action immediately (or document why no corrective action is required), without waiting for the full four quarters of monitoring data, if an exceedance of the four quarter average is mathematically certain. If after modifying its 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.
 - iii. **Natural background pollutant levels.** Following the first four quarters of benchmark monitoring (or sooner if the exceedance is triggered by less than four quarters of data, see above), if the average concentration of a pollutant exceeds a benchmark value, and the Permittee determines 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:
 - A. The average concentration of the benchmark monitoring results is less than or equal to the concentration of that pollutant in the natural background;
 - B. The Permittee document and maintain with the SWPPP, the supporting rationale for concluding that the benchmark exceedances are in fact attributable solely to natural background pollutant levels. The Permittee must include in the rationale any data previously collected by the Permittee or other sources (i.e., literature studies) that describe the level of natural background pollutants in the storm water discharge; and

General NPDES Permit No. ILR00

- C. Notify the Agency on the Permittee's final quarterly benchmark monitoring report that the benchmark exceedances are attributable solely to natural background pollutant levels.
- D. Permittees may discontinue monitoring natural background pollutants that occur solely from run-on sources provided the Permittee analyzes the pollutant in the run-on source during the benchmark monitoring period.

After collection of four quarterly samples, the monitoring requirements for that parameter have been fulfilled.

f. Exception for Inactive and Unstaffed Sites. The requirement for benchmark monitoring does not apply at a facility that is inactive and unstaffed, provided there are no industrial materials or activities exposed to storm water. To qualify for any monitoring exception, the Permittee must meet the following requirements:

- i. Maintain a statement with the Permittee's SWPPP stating that the site is inactive and unstaffed, and that there are no industrial materials or activities exposed to storm water in accordance with the substantive requirements in 40 CFR 122.26(g) and sign and certify the statement in accordance with Attachment H 11.
- ii. If a Permittee is not qualified for this exception at the time of permit coverage but during the permit term the Permittee becomes qualified because the facility is inactive and unstaffed, and there are no industrial materials or activities that are exposed to storm water, then the Permittee must notify Illinois EPA of this change in the next benchmark monitoring report. A Permittee may discontinue benchmark monitoring once Illinois EPA has been notified, and prepared and signed a certification statement concerning the facility's qualification for this monitoring exception.

g. Representative Outfalls – If the Permittee's facility has two or more outfalls that are believed to discharge substantially identical effluents, based on similarities of the industrial activities, significant materials, size of drainage areas, and storm water management practices occurring within the drainage areas of the outfalls, the Permittee may conduct benchmark monitoring of the discharge at just one of the outfalls and report that the results also apply to the substantially identical outfall(s).

K. REPORTING

1. The Permittee shall submit an electronic copy of the annual inspection report to the Agency. The report shall include results of the quarterly benchmark monitoring as required by Part J.2. and the quarterly facility inspections which are required by Part G of this permit. The report shall include, at a minimum, a review and update of the SWPPP. The Permittee shall submit Modifications of the requirements of the plan to the Agency pursuant to Part G.17 with the Annual Report. Permittees have 180 days to update their SWPPP to comply with the new requirements and then submit with the following annual report. The report shall also include documentation of any event (spill, treatment unit malfunction, etc.) which would require an inspection, results of the inspection, and any subsequent corrective maintenance activity. The report shall be completed and signed by the authorized facility employee(s) who conducted the inspection(s). The annual inspection report is considered a public document that shall be available to the public at any reasonable time upon request.
2. For new Permittees, the first Annual Report shall contain information gathered during the one year time period beginning with the initial effective date of coverage under this permit and shall be submitted no later than 60 days after this one year period has expired. Each subsequent report shall contain the previous year's information and shall be submitted no later than one year after the previous year's report was due.
3. Existing Permittees renewing coverage under this permit shall continue to submit the Annual Report no later than 60 days after the original date of effective coverage under a general storm water permit.
4. If the facility performs inspections more frequently than required by this permit, the results shall be included as additional information in the Annual Report.
5. The Permittee shall retain the annual inspection report on file for at least 3 years. This period may be extended by request of the Illinois EPA at any time.
6. Annual inspection reports shall be submitted to one of the following addresses:
 - a. Electronic Annual Reports should be submitted to:

General NPDES Permit No. ILR00

epa.indannualinsp@illinois.gov

- b. If electronic submittal is unavailable, reports should be mailed to:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Assurance Section #19
1021 North Grand Avenue East
Annual Inspection Report
P.O. Box 19276
Springfield, Illinois 62794-9276

7. Any Permittee shall notify the owner of any regulated MS4 which receives storm water discharged from the facility that the industrial activity has received coverage of a general ILR00 permit. The Permittee shall submit any SWPPP or any annual inspection to the MS4 upon request by the MS4 owner.

L. TERMINATION OF COVERAGE UNDER THIS PERMIT

Where all storm water discharges associated with industrial activity that have been authorized by this permit are eliminated, the operator of the facility may submit a termination request to the Agency at the address indicated in Part D.6 of this permit. The termination request shall include the name, address, telephone number, location of the facility, permit number, and a description of actions taken to eliminate the storm water discharge or other justification for the request. Coverage under this permit is not terminated until the Agency responds in writing on the termination request. All monitoring, inspections, and reporting, as described in this permit is required until coverage is terminated by the Agency.

1. The Agency may require any person authorized by this permit to apply for and/or obtain either an individual NPDES permit or an alternative NPDES general permit. Any interested person may petition the Agency to take action under this paragraph. The Agency may require any owner or operator authorized to discharge under this permit to apply for an individual NPDES permit or alternative general permit only if the owner or operator has been notified in writing that a permit application is required. This notice shall include a brief statement of the reasons for this decision, an application form, a statement setting a deadline for the owner or operator to file the application, and a statement that on the effective date of the individual NPDES permit or the alternative general permit as it applies to the individual Permittee, coverage under this general permit shall automatically terminate. The Agency may grant additional time to submit the application upon request of the applicant. If an owner or operator fails to submit in a timely manner an individual NPDES permit or alternative general application required by the Agency under this paragraph then the applicability of this permit to the individual NPDES permitted is automatically terminated at the end of the day specified for application submittal. The Agency may require an individual NPDES or alternative general permit based on:
 - a. information received which indicates the receiving water may be of particular biological significance pursuant to 35 Ill. Adm. Code 302.105(d)(6);
 - b. whether the receiving waters are identified as impaired pursuant to the Agency's 303(d) listing and the site storm water is a potential contributing source of any parameter identified as a cause of that impairment; or
 - c. size of industrial site, proximity of site to the receiving stream, inadequate discharge control, discharge characteristics, or applicable water quality standards, etc.
 - d. The Agency may also require monitoring of any storm water discharge from any site to determine whether an individual or alternative general permit is required.
2. Any owner or operator authorized by this permit may request to be excluded from the coverage of this permit by applying for an individual or alternative general permit. The owner or operator shall submit an individual application with reasons supporting the request, in accordance with the requirements of 40 CFR 122.28, to the Agency. The request shall be granted by issuance date of an individual permit or an alternative general permit if the reasons cited by the owner or operator are adequate to support the request.
3. When an individual NPDES permit is issued to an owner or operator otherwise subject to this permit, or the owner or operator is approved for coverage under an alternative NPDES general permit, the applicability of this permit to the individual NPDES Permittee is automatically terminated on the issuance date of the individual permit or the date of approval for coverage under the alternative general permit, whichever the case may be. When an individual

General NPDES Permit No. ILR00

NPDES permit is denied to an owner or operator otherwise subject to this permit, or the owner or operator is denied coverage under an alternative NPDES general permit, the applicability of this general permit to the individual NPDES Permittee is automatically terminated on the date of such denial, unless otherwise specified by the Agency.

4. The Permittee must submit a Notice of Termination (NOT) within 30 days after one or more of the following conditions have been met:
 - a. A change in ownership or operational control at the facility;
 - b. The Permittee has ceased operations at the facility, there are no discharges or no longer will be any discharges of storm water associated with industrial activity from the facility, and necessary sediment and erosion controls have been implemented; or
 - c. Coverage has been obtained under an individual or alternative general permit for all discharges required to be covered under an NPDES permit.
5. NOT submittals can be made to one of the following addresses:
 - a. Electronic NOTs should be submitted to:
epa.indannualinsp@illinois.gov
 - b. If electronic submittal is unavailable the NOT should be submitted to the follow address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Assurance Section #19
1021 North Grand Avenue East
Annual Inspection Report
P.O. Box 19276
Springfield, Illinois 62794-9276
6. Standard Condition 15 of Attachment H is not applicable to this General Permit.

M. DEFINITIONS

1. Coal pile runoff means the rainfall runoff from or through any coal storage pile.
2. Control Measures means any storm water control or other method (including narrative effluent limitations) used to prevent or reduce the discharge of pollutants to waters of the state.
3. Discharge point or Outfall means the location where collected and concentrated storm water flows are discharged from the facility.
4. Green Infrastructure means wet weather management approaches and technologies that utilize, enhance or mimic the natural hydrologic cycle processes of infiltration, evapotranspiration and reuse. Green infrastructure approaches currently in use include green roofs, trees and tree boxes, rain gardens, vegetated swales, pocket wetlands, infiltration planters, porous and permeable pavements, porous piping systems, dry wells, vegetated median strips, reforestation/revegetation, rain barrels and cisterns and protection and enhancement of riparian buffers and floodplains.
5. Industrial activities means any of the 10 categories of industrial activities included in the definition of "storm water discharges associated with industrial activity" as defined in 40 CFR 122.26(b)(14)(i)-(ix) and (xi).
6. Land application site means an area where wastes are applied onto or incorporated into the soil surface for treatment or disposal.
7. Landfill means an area of land or an excavation in which wastes are placed for permanent disposal, and which is not a land application site, surface impoundment, injection well or waste pile.
8. MS4 or MS4 Owner means the owner or operator of a conveyance or system of conveyances for the movement of storm water as defined at 40 CFR § 122.26(b)(8).

General NPDES Permit No. ILR00

9. Municipal Separate Storm Sewer is defined at 40 CFR 122.26(b)(8) and means a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains): (i) Owned or operated by a State, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to State law) having jurisdiction over disposal of sewage, industrial wastes, storm water, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under Section 208 of the CWA that discharges to waters of the United States; (ii) Designed or used for collecting or conveying storm water; (iii) Which is not a combined sewer; and (iv) Which is not part of a Publicly Owned Treatment Works (POTW) as defined at 40 CFR 122.2.
10. Natural Background Pollutants include those substances that are naturally occurring in soils or ground water. Natural background pollutants do not include legacy pollutants from previous activity of the facility's site, or pollutants in run-on from adjacent sources which are not naturally occurring, such as other industrial sites or roadways.
11. Pollution Prevention means any practice which reduces the amount of any hazardous substance, pollutant or contaminant entering any waste stream or otherwise entering the environment prior to recycling, treatment or disposal and reduces the hazards to public health and the environment associated with the release of such substances, pollutants or contaminants.
12. Qualified Personnel means those persons who possess the knowledge and skills to assess conditions and activities that could impact storm water quality at the Permittee's facility, and who can also evaluate the effectiveness of control measures.
13. Run-on means sources of storm water that drain from land located upslope or upstream from the regulated facility in question.
14. Section 313 water priority chemical means a chemical or chemical categories which: 1) Are listed at 40 CFR 372.65 pursuant to Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) (also known as Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986); 2) are present at or above threshold levels at a facility subject to EPCRA Section 313 reporting requirements; and 3) that meet at least one of the following criteria: (i) Are listed in Appendix D of 40 CFR 122 on either Table II (organic priority pollutants), Table III (certain metals, cyanides, and phenols) or Table V (certain toxic pollutants and hazardous substances); (ii) are listed as a hazardous substance pursuant to section 311(b)(2)(A) of the CWA at 40 CFR 116.4; or (iii) are pollutants for which EPA has published acute or chronic water quality criteria.
15. Significant materials includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under section 101(14) of CERCLA; any chemical the facility is required to report pursuant to EPCRA Section 313; fertilizers; pesticides; and waste products such as ashes, slag and sludge that have the potential to be released with storm water discharges.
16. Significant spills includes, but is not limited to: releases of oil or hazardous substances in excess of reportable quantities under section 311 of the Clean Water Act (see 40 CFR 110.6 and CFR 117.21) or section 102 of CERCLA (see 40 CFR 302.4).

Note that additional definitions are included in the permit Standard Conditions, Attachment H.

Standard Conditions

Definitions

Act means the Illinois Environmental Protection Act, 415 ILCS 5 as Amended.

Agency means the Illinois Environmental Protection Agency.

Board means the Illinois Pollution Control Board.

Clean Water Act (formerly referred to as the Federal Water Pollution Control Act) means Pub. L 92-500, as amended, 33 U.S.C. 1251 et seq.

NPDES (National Pollutant Discharge Elimination System) means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Sections 307, 402, 318 and 405 of the Clean Water Act.

USEPA means the United States Environmental Protection Agency.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurements, the "daily discharge" is calculated as the average measurement of the pollutant over the day.

Maximum Daily Discharge Limitation (daily maximum) means the highest allowable daily discharge.

Average Monthly Discharge Limitation (30 day average) means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

Average Weekly Discharge Limitation (7 day average) means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Aliquot means a sample of specified volume used to make up a total composite sample.

Grab Sample means an individual sample of at least 100 milliliters collected at a randomly-selected time over a period not exceeding 15 minutes.

24-Hour Composite Sample means a combination of at least 8 sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24-hour period.

8-Hour Composite Sample means a combination of at least sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over an 8-hour period.

Flow Proportional Composite Sample means a combination of sample aliquots of at least 100 milliliters collected at periodic interval such that either the time interval between each aliquot or the volume of each aliquot is proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot.

- (1) **Duty to comply.** The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action, permit termination, revocation and reissuance, modification, or denial of a permit renewal application. The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirements.
- (2) **Duty to reapply.** If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. If the permittee submits a proper application as required by the Agency no later than 180 days prior to the expiration date, this permit shall continue in full force and effect until the final Agency decision on the application has been made.
- (3) **Need to halt or reduce activity not a defense.** It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (4) **Duty to mitigate.** The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.
- (5) **Proper operation and maintenance.** The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up, auxiliary facilities, or similar systems only when necessary to achieve compliance with the conditions of the permit.
- (6) **Permit actions.** This permit may be modified, revoked and reissued, or terminated for cause by the Agency pursuant to 40 CFR 122.62 and 40 CFR 122.63. The filing of a request by the permittee for a permit modification, revocation and reissuance or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- (7) **Property rights.** This permit does not convey any property rights of any sort, or any exclusive privilege.
- (8) **Duty to provide information.** The permittee shall furnish to the Agency within a reasonable time, any information which the Agency may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also furnish to the Agency upon request, copies of records required to be kept by this permit.

(9) **Inspection and entry.** The permittee shall allow an authorized representative of the Agency or USEPA (including an authorized contractor acting as a representative of the Agency or USEPA), upon the presentation of credentials and other documents as may be required by law, to:

- (a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
- (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance, or as otherwise authorized by the Act, any substances or parameters at any location.

(10) **Monitoring and records.**

- (a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
- (b) The permittee shall retain records of all monitoring information, including all calibration and maintenance records, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of this permit, measurement, report or application. Records related to the permittee's sewage sludge use and disposal activities shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503). This period may be extended by request of the Agency or USEPA at any time.
- (c) Records of monitoring information shall include:
 - (1) The date, exact place, and time of sampling or measurements;
 - (2) The individual(s) who performed the sampling or measurements;
 - (3) The date(s) analyses were performed;
 - (4) The individual(s) who performed the analyses;
 - (5) The analytical techniques or methods used; and
 - (6) The results of such analyses.
- (d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit. Where no test procedure under 40 CFR Part 136 has been approved, the permittee must submit to the Agency a test method for approval. The permittee shall calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to ensure accuracy of measurements.

(11) **Signatory requirement.** All applications, reports or information submitted to the Agency shall be signed and certified.

- (a) **Application.** All permit applications shall be signed as follows:
 - (1) For a corporation: by a principal executive officer of at least the level of vice president or a person or position having overall responsibility for environmental matters for the corporation;
 - (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
 - (3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.
- (b) **Reports.** All reports required by permits, or other information requested by the Agency shall be signed by a person described in paragraph (a) or by a duly authorized representative of that person. A person is a duly authorized representative only if:
 - (1) The authorization is made in writing by a person

described in paragraph (a); and

- (2) The authorization specifies either an individual or position responsible for the overall operation of the facility, from which the discharge originates, such as plant manager, superintendent or person of equivalent responsibility; and
 - (3) The written authorization is submitted to the Agency.
- (c) **Changes of Authorization.** If an authorization under (b) is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of (b) must be submitted to the Agency prior to or together with any reports, information, or applications to be signed by an authorized representative.
- (d) **Certification.** Any person signing a document under paragraph (a) or (b) of this section shall make the following certification:

I certify under penalty of law that this document and its attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly 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 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.

(12) **Reporting requirements.**

- (a) **Planned changes.** The permittee shall give notice to the Agency as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required when:
 - (1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source pursuant to 40 CFR 122.29 (b) or
 - (2) The alteration or addition could significantly change the nature or increase the quantity of pollutant discharged. This notification applies to pollutant which are subject neither to effluent limitations in the permit, nor to notification requirements pursuant to 40 CFR 122.42 (a)(1).
 - (3) The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit including notification of additional use or disposal site not reported during the permit application process or not reported pursuant to an approved land application plan.
- (b) **Anticipated noncompliance.** The permittee shall give advance notice to the Agency of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (c) **Transfers.** This permit is not transferable to any person except after notice to the Agency.
- (d) **Compliance schedules.** Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 15 days following each schedule date.
- (e) **Monitoring reports.** Monitoring results shall be reported at the intervals specified elsewhere in this permit.
 - (1) Monitoring results must be reported on a Discharge Monitoring Report (DMR).

(2) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.

(3) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Agency in the permit.

(f) **Twenty-four hour reporting.** The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24-hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and time; and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The following shall be included as information which must be reported within 24-hours:

- (1) Any unanticipated bypass which exceeds any effluent limitation in the permit.
- (2) Any upset which exceeds any effluent limitation in the permit.
- (3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Agency in the permit or any pollutant which may endanger health or the environment.

The Agency may waive the written report on a case-by-case basis if the oral report has been received within 24-hours.

(g) **Other noncompliance.** The permittee shall report all instances of noncompliance not reported under paragraphs (12) (d), (e), or (f), at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (12) (f).

(h) **Other information.** Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application, or in any report to the Agency, it shall promptly submit such facts or information.

(13) Bypass.

(a) Definitions.

- (1) Bypass means the intentional diversion of waste streams from any portion of a treatment facility.
- (2) Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

(b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs (13)(c) and (13)(d).

(c) Notice.

- (1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.
- (2) Unanticipated bypass. The permittee shall submit

notice of an unanticipated bypass as required in paragraph (12)(f) (24-hour notice).

(d) Prohibition of bypass.

(1) Bypass is prohibited, and the Agency may take enforcement action against a permittee for bypass unless:

- (i) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
- (ii) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
- (iii) The permittee submitted notices as required under paragraph (13)(c).

(2) The Agency may approve an anticipated bypass after considering its adverse effects, if the Agency determines that it will meet the three conditions listed above in paragraph (13)(d)(1).

(14) Upset.

(a) Definition. Upset means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

(b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the requirements of paragraph (14)(c) are met. No determination made during administrative review of claim that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.

(c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:

- (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
- (2) The permitted facility was at the time being properly operated; and
- (3) The permittee submitted notice of the upset as required in paragraph (12)(f)(2) (24-hour notice).
- (4) The permittee complied with any remedial measure required under paragraph (4).

(d) Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

(15) Transfer of permits. Permits may be transferred by modification or automatic transfer as described below:

(a) Transfers by modification. Except as provided in paragraph (b), a permit may be transferred by the permittee to a new owner or operator only if the permit has been modified or revoked and reissued pursuant to 40 CFR 122.62 (b) (2), or a minor modification made pursuant to 40 CFR 122.63 (d), to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act.

- (b) Automatic transfers. As an alternative to transfers under paragraph (a), any NPDES permit may be automatically transferred to a new permittee if:
- (1) The current permittee notifies the Agency at least 30 days in advance of the proposed transfer date;
 - (2) The notice includes a written agreement between the existing and new permittees containing a specified date for transfer of permit responsibility, coverage and liability between the existing and new permittees; and
 - (3) The Agency does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement.
- (16) All manufacturing, commercial, mining, and silvicultural dischargers must notify the Agency as soon as they know or have reason to believe:
- (a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant identified under Section 307 of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following notification levels:
 - (1) One hundred micrograms per liter (100 ug/l);
 - (2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6 dinitrophenol; and one milligram per liter (1 mg/l) for antimony.
 - (3) Five (5) times the maximum concentration value reported for that pollutant in the NPDES permit application; or
 - (4) The level established by the Agency in this permit.
 - (b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the NPDES permit application.
- (17) All Publicly Owned Treatment Works (POTWs) must provide adequate notice to the Agency of the following:
- (a) Any new introduction of pollutants into that POTW from an indirect discharge which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants; and
 - (b) Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
 - (c) For purposes of this paragraph, adequate notice shall include information on (i) the quality and quantity of effluent introduced into the POTW, and (ii) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.
- (18) If the permit is issued to a publicly owned or publicly regulated treatment works, the permittee shall require any industrial user of such treatment works to comply with federal requirements concerning:
- (a) User charges pursuant to Section 204 (b) of the Clean Water Act, and applicable regulations appearing in 40 CFR 35;
 - (b) Toxic pollutant effluent standards and pretreatment standards pursuant to Section 307 of the Clean Water Act; and
 - (c) Inspection, monitoring and entry pursuant to Section 308 of the Clean Water Act.
- (19) If an applicable standard or limitation is promulgated under Section 301(b)(2)(C) and (D), 304(b)(2), or 307(a)(2) and the effluent standard or limitation is more stringent than any effluent limitation in the permit, or controls a pollutant not limited in the permit, the permit shall be promptly modified or revoked, and reissued to conform to that effluent standard or limitation.
- (20) Any authorization to construct issued to the permittee pursuant to 35 Ill. Adm. Code 309.154 is hereby incorporated by reference as a condition of this permit.
- (21) The permittee shall not make any false statement, representation or certification in any application, record, report, plan or other document submitted to the Agency or the USEPA or required to be maintained under this permit.
- (22) The Clean Water Act provides that any person who violates permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed \$25,000 per day of such violation. A person who willfully or negligently violates permit condition implementing Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than one year, or both. Additional penalties for violating these sections of the Clean Water Act are identified in 40 CFR 122.41 (a)(2) and (3).
- (23) The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000, or by imprisonment for not more than 2 years, or both. If a conviction of a person is for a violation committed after first conviction of such person under this paragraph, punishment is a fine of not more than \$20,000 per day of violation, or by imprisonment of not more than 4 years, or both.
- (24) The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or non-compliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.
- (25) Collected screening, slurries, sludges, and other solids shall be disposed of in such a manner as to prevent entry of those wastes (or runoff from the wastes) into waters of the State. The proper authorization for such disposal shall be obtained from the Agency and is incorporated as part hereof by reference.
- (26) In case of conflict between these standard conditions and any other condition(s) included in this permit, the other condition(s) shall govern.
- (27) The permittee shall comply with, in addition to the requirements of the permit, all applicable provisions of 35 Ill. Adm. Code Subtitle C, Subtitle D, Subtitle E, and all applicable orders of the Board or any court with jurisdiction.
- (28) The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit is held invalid, the remaining provisions of this permit shall continue in full force and effect.



Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

for General Storm Water Discharges Associated with Industrial Site Activities

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report. Place a NA in sections that do not apply to your operation.

Report Period: From: 7/1/20 To: 7/1/21 Permit No. ILR00 6971

OWNER/OPERATOR INFORMATION: (As it appears on the current permit)

Name: Allied Waste of North America
Mailing Address: 5050 West Lake Street
City: Melrose Park State: IL Zip: 60160 Telephone: 708 897-3217
Contact Person: Matt Norman Contact Email: mnorman@republicservices.com
(Person responsible for Annual Report)

FACILITY/SITE INFORMATION: (As it appears on the current permit)

Facility Name: Republic Services (Allied Waste Services of Melrose Park) Primary SIC Code: 4212
Facility Location: 5050 West Lake Street
City: Melrose Park IL Zip: 60160 County: Cook

RECEIVING WATER INFORMATION:

☐ Storm Sewer Owner of Storm Sewer Systems: _____
☒ Waters of the State Closest Receiving Waters: Addison Creek

ADDITIONAL INFORMATION:

Attach information on any activity, such as leaks, spills, or flooding, that has occurred at this facility during the report period and may have resulted in pollutants being discharged in storm water runoff.

Attach information on any changes to the facility or the activity occurring at the facility that resulted in significant changes to the SWPPP.

Attach information concerning quarterly visual observations of discharges and benchmark monitoring as found in Part G and Part J.2 of the Permit.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

MN Norman
Owner Signature

Matt Norman
Printed Name:

6/29/21
Date:

Operations Manager
Title:

EMAIL COMPLETED FORM TO: epa.indannualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

IL 532 2585

WPC 691 Rev 2/2019

ANNUAL FACILITY INSPECTION REPORT
for General Storm Water Discharges Associated with Industrial Site Activities



Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

for General Storm Water Discharges Associated with Industrial Site Activities

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report. Place a NA in sections that do not apply to your operation.

Report Period: From: 6/30/22 To: 7/1/23 Permit No. ILR00 6971

OWNER/OPERATOR INFORMATION: (As it appears on the current permit)

Name: Allied Waste of North America

Mailing Address: 5050 West Lake St.

City: Melrose Park State: IL Zip: 60160 Telephone: 708 498-5229

Contact Person: Matt Norman Contact Email: mnorman@republicservices.com
(Person responsible for Annual Report)

FACILITY/SITE INFORMATION: (As it appears on the current permit)

Facility Name: Republic Services (Allied Waste Services of Melrose Park) Primary SIC Code: 4212

Facility Location: 5050 West Lake Street

City: Melrose Park IL Zip: 60160 County: Cook

RECEIVING WATER INFORMATION:

☐ Storm Sewer Owner of Storm Sewer Systems: _____
☒ Waters of the State Closest Receiving Waters: Addison Creek

ADDITIONAL INFORMATION:

Attach information on any activity, such as leaks, spills, or flooding, that has occurred at this facility during the report period and may have resulted in pollutants being discharged in storm water runoff.

Attach information on any changes to the facility or the activity occurring at the facility that resulted in significant changes to the SWPPP.

Attach information concerning quarterly visual observations of discharges and benchmark monitoring as found in Part G and Part J.2 of the Permit.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Owner Signature

Matt Norman

Printed Name:

072823

Date:

Operations Manager

Title:

EMAIL COMPLETED FORM TO: epa.indannualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

WATER POLLUTION CONTROL

COMPLIANCE ASSURANCE SECTION #19

1021 NORTH GRAND AVENUE EAST

POST OFFICE BOX 19276

SPRINGFIELD, ILLINOIS 62794-9276

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

IL 532 2585

WPC 691 Rev 2/2019

ANNUAL FACILITY INSPECTION REPORT

for General Storm Water Discharges Associated with Industrial Site Activities

Q4 2022

Stormwater Quarterly Visual Assessment Form

(Complete a separate form for each outfall you assess)

Name of Facility: Republic Services Melrose Park

Outfall Name/Description: Parking lot runoff

Name of person collecting sample: Matt Norma

Title of person collecting sample: Ops Manager

Date & Time Discharge Began: Dec 15, 2022 0900

Date & Time Sample Collected: Dec 15, 2022 0920

Type of Precipitation: ☒ Rainfall ☐ Snowmelt

Observations

Color: ☒ No ☐ Yes

If yes, please describe: _____

Odor: ☒ No ☐ Yes

If yes, please describe: _____

Clarity: ☒ Clear ☐ Slightly Cloudy ☐ Cloudy ☐ Opaque

Are any of the following present?

Floating Solids ☒ No ☐ Yes

Settled Solids* ☒ No ☐ Yes

Suspended Solids ☒ No ☐ Yes

Foam (gently shake sample) ☒ No ☐ Yes

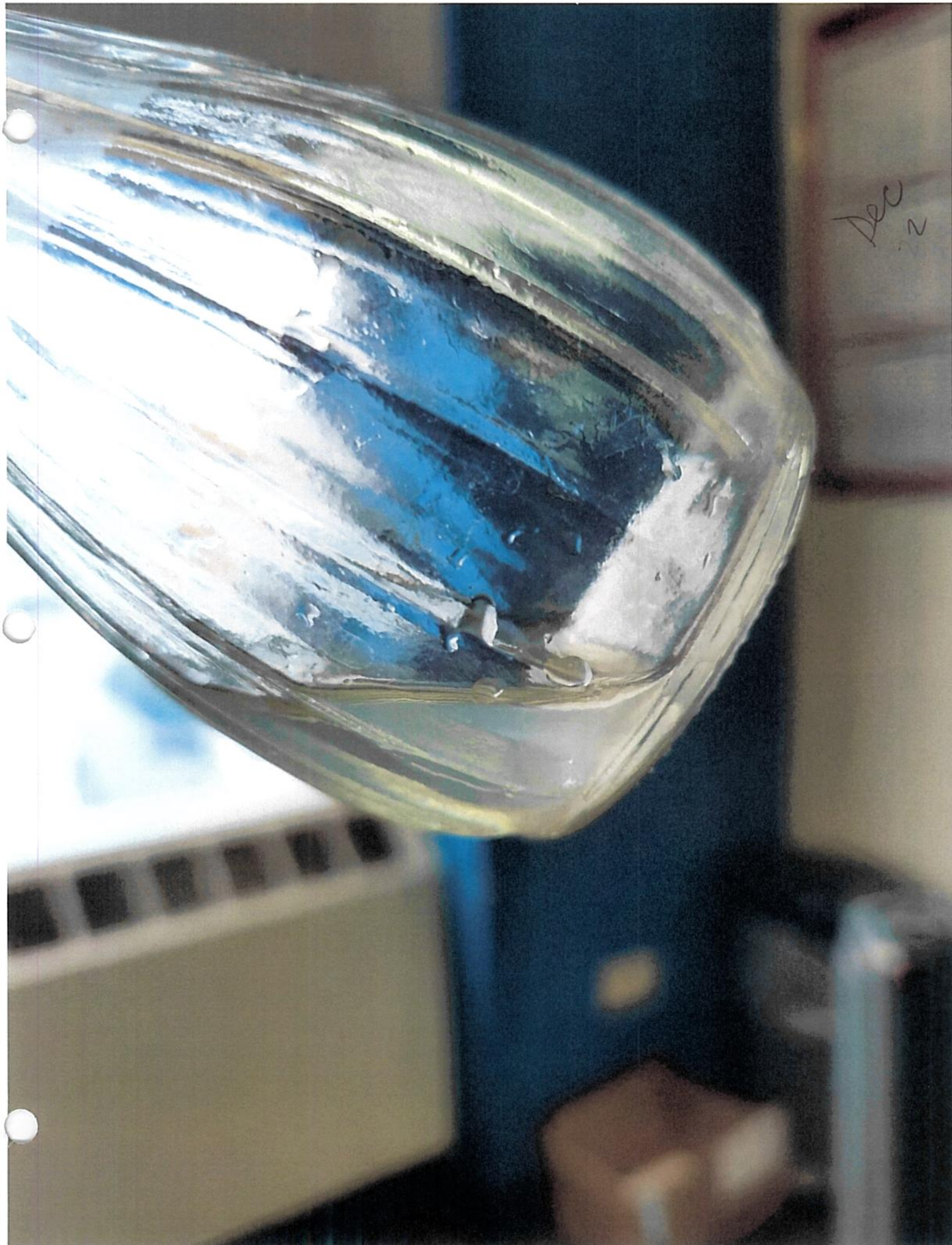
Oil Sheen ☒ No ☐ Yes

Are there any other indicators of Stormwater Pollution? ☒ No ☐ Yes

If yes, please describe _____

Description of measures taken to determine the source of any contaminants and changes to best management practices to prevent contact with stormwater: _____

* Observe for settled solids after allowing the sample to sit for approximately 5 minutes.



Stormwater Quarterly Visual Assessment Form

(Complete a separate form for each outfall you assess)

Name of Facility: Republic Services Melrose Park

Outfall Name/Description: Parking lot run off

Name of person collecting sample: Mr. Matt Norman

Title of person collecting sample: Ops Mgr

Date & Time Discharge Began: May 19th, 2023 1330

Date & Time Sample Collected: May 19th, 2023 1341

Type of Precipitation: ☒ Rainfall ☐ Snowmelt

Observations

Color: ☒ No ☐ Yes

If yes, please describe: _____

Odor: ☐ No ☒

If yes, please describe: _____

Clarity: ☒ Clear ☐ Slightly Cloudy ☐ Cloudy ☐ Opaque

Are any of the following present?

Floating Solids ☒ No ☐ Yes

Settled Solids* ☒ No ☐ Yes

Suspended Solids ☒ No ☐ Yes

Foam (gently shake sample) ☒ No ☐ Yes

Oil Sheen ☒ No ☐ Yes

Are there any other indicators of Stormwater Pollution? ☒ No ☐ Yes

If yes, please describe _____

Description of measures taken to determine the source of any contaminants and changes to best management practices to prevent contact with stormwater: _____

* Observe for settled solids after allowing the sample to sit for approximately 5 minutes.

May 2023



Stormwater Quarterly Visual Assessment Form

(Complete a separate form for each outfall you assess)

Name of Facility: Republic Services Melrose Park

Outfall Name/Description: Parking lot run off

Name of person collecting sample: Matt Neuma

Title of person collecting sample: Ops Manager

Date & Time Discharge Began: March 31, 2023 1115

Date & Time Sample Collected: March 31, 1128
2023

Type of Precipitation: ☒ Rainfall ☐ Snowmelt

Observations

Color: ☒ No ☐ Yes

If yes, please describe: _____

Odor: ☒ No ☐

If yes, please describe: _____

Clarity: ☒ Clear ☐ Slightly Cloudy ☐ Cloudy ☐ Opaque

Are any of the following present?

Floating Solids ☒ No ☐ Yes

Settled Solids* ☒ No ☐ Yes

Suspended Solids ☒ No ☐ Yes

Foam (gently shake sample) ☒ No ☐ Yes

Oil Sheen ☒ No ☐ Yes

Are there any other indicators of Stormwater Pollution? ☒ No ☐ Yes

If yes, please describe _____

Description of measures taken to determine the source of any contaminants and changes to best management practices to prevent contact with stormwater: _____

* Observe for settled solids after allowing the sample to sit for approximately 5 minutes.

4/20/21



Stormwater Quarterly Visual Assessment Form

(Complete a separate form for each outfall you assess)

Name of Facility: Republic Services Melrose Park

Outfall Name/Description: Parking lot Runoff

Name of person collecting sample: Matt Norman

Title of person collecting sample: Ops Mgr

Date & Time Discharge Began: July 12, 2023 0730

Date & Time Sample Collected: July 12, 2023 0813

Type of Precipitation: ☒ Rainfall ☐ Snowmelt

Observations

Color: ☒ No ☐ Yes

If yes, please describe: _____

Odor: ☐ No ☒

If yes, please describe: _____

Clarity: ☐ Clear ☐ Slightly Cloudy ☒ Cloudy ☐ Opaque

Are any of the following present?

Floating Solids ☒ No ☐ Yes

Settled Solids* ☒ No ☐ Yes

Suspended Solids ☒ No ☐ Yes

Foam (gently shake sample) ☒ No ☐ Yes

Oil Sheen ☒ No ☐ Yes

Are there any other indicators of Stormwater Pollution? ☒ No ☐ Yes

If yes, please describe _____

Description of measures taken to determine the source of any contaminants and changes to best management practices to prevent contact with stormwater: _____

* Observe for settled solids after allowing the sample to sit for approximately 5 minutes.



Stormwater Quarterly Visual Assessment Form

(Complete a separate form for each outfall you assess)

Name of Facility: Republic Services Melrose Park

Outfall Name/Description: Parking lot runoff

Name of person collecting sample: Matt Norman

Title of person collecting sample: Ops Manager

Date & Time Discharge Began: AUG 14 2023 1300

Date & Time Sample Collected: AUG 14, 2023 1454

Type of Precipitation: ☒ Rainfall ☐ Snowmelt

Observations

Color: ☒ No ☐ Yes

If yes, please describe: _____

Odor: ☒ No ☐ Yes

If yes, please describe: _____

Clarity: ☒ Clear ☒ Slightly Cloudy ☐ Cloudy ☐ Opaque

Are any of the following present?

Floating Solids ☒ No ☐ Yes

Settled Solids* ☒ No ☐ Yes

Suspended Solids ☒ No ☐ Yes

Foam (gently shake sample) ☒ No ☐ Yes

Oil Sheen ☒ No ☐ Yes

Are there any other indicators of Stormwater Pollution? ☒ No ☐ Yes

If yes, please describe _____

Description of measures taken to determine the source of any contaminants and changes to best management practices to prevent contact with stormwater: _____

* Observe for settled solids after allowing the sample to sit for approximately 5 minutes.



Ara
14
2023

Stormwater Quarterly Visual Assessment Form

(Complete a separate form for each outfall you assess)

Name of Facility: Republic Services Melrose Park

Outfall Name/Description: Runoff

Name of person collecting sample: Matt Noma

Title of person collecting sample: Ops Manager

Date & Time Discharge Began: March 8, 2024 1400

Date & Time Sample Collected: March 8, 2024 1425

Type of Precipitation: ☒ Rainfall ☐ Snowmelt

Observations

Color: ☒ No ☐ Yes

If yes, please describe: _____

Odor: ☒ No ☐ Yes

If yes, please describe: _____

Clarity: ☒ Clear ☐ Slightly Cloudy ☐ Cloudy ☐ Opaque

Are any of the following present?

Floating Solids ☒ No ☐ Yes

Settled Solids* ☒ No ☐ Yes

Suspended Solids ☒ No ☐ Yes

Foam (gently shake sample) ☒ No ☐ Yes

Oil Sheen ☒ No ☐ Yes

Are there any other indicators of Stormwater Pollution? ☒ No ☐ Yes

If yes, please describe _____

Description of measures taken to determine the source of any contaminants and changes to best management practices to prevent contact with stormwater: _____

* Observe for settled solids after allowing the sample to sit for approximately 5 minutes.



March
8, 2024
1425

Stormwater Quarterly Visual Assessment Form

(Complete a separate form for each outfall you assess)

Name of Facility: Republic Services Melrose Park

Outfall Name/Description: Runoff

Name of person collecting sample: Matt Norma

Title of person collecting sample: Ops Mgr

Date & Time Discharge Began: May 9, 2024 0630

Date & Time Sample Collected: May 9, 2024 0758

Type of Precipitation: ☒ Rainfall ☐ Snowmelt

Observations

Color: ☒ No ☐ Yes

If yes, please describe: _____

Odor: ☒ No ☐

If yes, please describe: _____

Clarity: ☒ Clear ☐ Slightly Cloudy ☐ Cloudy ☐ Opaque

Are any of the following present?

Floating Solids ☒ No ☐ Yes

Settled Solids* ☒ No ☐ Yes

Suspended Solids ☒ No ☐ Yes

Foam (gently shake sample) ☒ No ☐ Yes

Oil Sheen ☒ No ☐ Yes

Are there any other indicators of Stormwater Pollution? ☐ No ☐ Yes

If yes, please describe _____

Description of measures taken to determine the source of any contaminants and changes to best management practices to prevent contact with stormwater: _____

* Observe for settled solids after allowing the sample to sit for approximately 5 minutes.

6.1 MTHW
2021
8/5/20



APPENDIX E
Allied Waste of Melrose Park
5050 West Lake St, Melrose Park, IL 60160
SWPP/SPCC Plan – WEEKLY INSPECTION CHECKLIST

MAINTAIN INSPECTION RECORDS FOR THREE YEARS

General Site Conditions	Yes / No (Y / N)				
Date	5/17/24	5/24/24	5/31/24	6/7/24	6/14/24
Inspector's Initials	MSN	MSN	MSN	MSN	MSN
Parking areas, material storage areas, fence, and walkways are free of debris?	Y	Y	Y	Y	Y
Fencing/gates in good condition?	Y	Y	Y	Y	Y
Truck parking area free of leaks and spills (wet liquid not present)?	Y	Y	Y	Y	Y
Storage tanks free of damage, leakage, and spills?	Y	Y	Y	Y	Y
Employee parking areas free of leaks and spills?	Y	Y	Y	Y	Y
Indoor waste storage containers are stored in proper containers and free of damage and leaks?	Y	Y	Y	Y	Y
Equipment not in use is stored indoors or covered and free of leaks?	Y	Y	Y	Y	Y
Oil containing equipment is free of signs of leakage and stored properly?	Y	Y	Y	Y	Y

Empty Waste Container (rolloffs, dumpsters, drums) observations	Yes / No (Y / N)				
Are the on-site waste containers (dumpster and liquid waste) leaking?	N	N	N	N	N
Are the waste containers covered?	Y	Y	Y	Y	Y
Are there visible signs of holes or cracks in the containers?	N	N	N	N	N
Are there drums or other containers on-site containing liquids?	Y	Y	Y	Y	Y

If any spills or leaks are observed, immediately notify the Primary Spill Coordinator, and begin spill countermeasures.

Date	Comments



Illinois Environmental Protection Agency

Bureau of Water • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Division of Water Pollution Control

NOTICE OF INTENT (NOI)

for General Permit to Discharge Storm Water Associated with Industrial Activity (Excluding Construction Activity)

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Permit Section at the above address.

OWNER/OPERATOR INFORMATION

Permit No. ILR00 6971

Company/Owner Name: Republic Services, Inc.

Owner Type: (select one) Private

Mailing Address: 5050 West Lake Street

Phone: 708 897-3217

City: Melrose Park State: il Zip: 60160

Fax: _____

Contact Person: Mathew Norman

E-mail: mnorman@republicservices.com

INDUSTRIAL SITE INFORMATION

Select One: ☐ New Permit ☒ Renewal Change of Information for ILR00 _____

Facility Name: Republic Services Other NPDES Permit Numbers: _____

Facility Address: 5050 West Lake Street City: Melrose Park IL Zip: 60160

County Cook Section: 5 Township: 39N Range: 12W

Latitude: 41 54 3.9996 Longitude: 87 53 52.746 4-Digit SIC Code: 4212
(Deg) (Min) (Sec) (Deg) (Min) (Sec)

Estimated area of industrial activity at your site exposed to storm water: 25 (Size in Acres)

RECEIVING WATER INFORMATION

Does your storm water discharge directly to: ☐ Waters of the State or ☒ Storm Sewer

Owner of Storm Sewer System: City of Melrose Park

Name of Closest Receiving Water: Tributary to Addison Creek

Is receiving water impaired for any pollutant? ☒ Yes ☐ No

If Yes Identify Pollutants: Sedimentation Siltation

Does quantitative data currently exist which describes the concentration of pollutants in the storm water discharges?

☐ Yes ☒ No

Will facility discharge any pollutants listed as impairment of the receiving waters? ☐ Yes ☒ No If Yes provide data on an attachment.

Storm Water Pollution Prevention Plan (SWPPP) INFORMATION

Has Storm Water Pollution Prevention Plan been submitted to Agency? ☒ Yes ☐ No

Submit SWPPP electronically to: epa.indilr00swppp@illinois.gov

Provide the following information for the individual responsible for developing, implementing and revising SWPPP:

SWPPP Contact Name: Matthew Norman

Location of SWPPP for viewing: 550 West Lake Street, Melrose Park, IL 60106

E-mail Address: mnorman@republicservices.com

Phone: 708 897-3217

ADDITIONAL INFORMATION

Attach a list of material handling activities, raw materials, intermediate products, final products, waste materials, by-products or industrial machinery that is exposed to stormwater.

Attach a list if you have other industrial activities taking place at your facility not covered by the above SIC codes.

Form 2-F attached ☐ Yes ☒ No

ACTIVITY INFORMATION

Type a detailed description of industrial activities:

Truck maintenance is performed inside the building. Truck parking outside is on paved surface.

HISTORIC PRESERVATION AND ENDANGERED SPECIES COMPLIANCE

Has industrial facility certified compliance with the following state agencies?

Historic Preservation Agency ☐ Yes ☒ No

Endangered Species ☐ Yes ☒ No

Mail completed form to: Illinois Environmental Protection Agency
Division of Water Pollution Control
Attn: Permit Section
Post Office Box 19276
Springfield, Illinois 62794-9276
or call (217) 782-0610
FAX: (217) 782-9891

Or submit electronically to: epa.indilr00swppp@illinois.gov

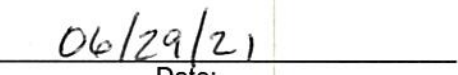
I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this 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. In addition, I certify that the provisions of the permit, including the development and implementation of a storm water pollution prevention plan and a monitoring program plan, will be complied with. I also certify that, to the best of my knowledge, the storm water which is discharged from this facility/site does not contain process wastewater, domestic wastewater, or cooling water.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))



Owner Signature:
Mathew Norman

Printed Name:



Date:
06/29/21

OPERATIONS MANAGER

Title:



Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Division of Water Pollution Control

Notice of Intent (NOI)

for General Permit to Discharge Storm Water associated with Industrial Activity
(excluding Construction Activity)

This form may be completed in Acrobat, saved, printed, and signed before it is submitted to the Permit Section at the address on the next page.

Permit No. ILR006971971

Owner/Operator Information

Company/Owner Name: Republic Services

Owner Type: (select one) Private

Mailing Address: 5050 West Lake Street

Phone: 708 498 5229

City: Melrose Park

State: IL

Zip: 60160

Fax:

Contact Person: Matt Norman

E-mail: mnorman@republicservices.com

Industrial Site Information

Select One: ☐ New Permit ☒ Renewal

Change of Information for ILR006971971

Facility Name: Allied Waste of Melrose Park

Other NPDES Permit Numbers:

Facility Address: 5050 West Lake Street

City: Melrose Park

IL

Zip: 601660

County: Cook

Section: 5

Township: 39N

Range: 12E

Latitude: 41 54 3.99
(Deg) (Min) (Sec)

Longitude: -87 53 52.74
(Deg) (Min) (Sec)

4-Digit SIC Code: 4212

Estimated area of industrial activity at your site exposed to storm water: 25 (Size in Acres)

Receiving Water Information

Storm water discharges directly to: ☒ Waters of the State ☐ Storm Sewer

Owner of Storm Sewer System:

Name of Closest Receiving Water: Tributary to Addison Creek

☒ Yes ☐ No Is receiving water impaired for any pollutant?

If Yes, Identify Pollutants: Sedimentation

☐ Yes ☒ No Does quantitative data currently exist which describes the concentration of pollutants in the storm water discharges?

☐ Yes ☒ No Will facility discharge any pollutants listed as impairment of the receiving waters?

If Yes, provide data on an attachment.

Storm Water Pollution Prevention Plan (SWPPP) Information

Has a Storm Water Pollution Prevention Plan been submitted to Agency? ☒ Yes ☐ No

Submit the SWPPP electronically to: epa.indlir00swppp@illinois.gov

Individual responsible for developing, implementing, and revising the SWPPP

SWPPP Contact Name: Mathew Norman

Location of SWPPP for viewing: 5050 West Lake Street, Melrose Park, IL

E-mail Address: mnorman@republicservices.com

Phone: 708 498 5229

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in a civil penalty not to exceed \$50,000 for the violation and an additional civil penalty not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied.

Additional Information

Attach a list of material handling activities, raw materials, intermediate products, final products, waste materials, by-products or industrial machinery that is exposed to stormwater.

Attach a list if you have other industrial activities taking place at your facility not covered by the above SIC codes.

Form 2-F attached: ☐ Yes ☒ No

Activity Information

Type a detailed description of industrial activities:

Truck maintenance is performed inside the building. Truck parking outside is on paved surface.

Historic Preservation and Endangered Species Compliance

Has industrial facility certified compliance with the following state agencies?

Historic Preservation Agency: ☐ Yes ☒ No

Endangered Species: ☐ Yes ☒ No

Mail completed form to: Illinois Environmental Protection Agency
Division of Water Pollution Control
Attn: Permit Section
Post Office Box 19276
Springfield, Illinois 62794-9276
or call (217) 782-0610
FAX: (217) 782-9891

Or submit electronically to: epa.indilr00swppp@illinois.gov

I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this 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. In addition, I certify that the provisions of the permit, including the development and implementation of a storm water pollution prevention plan and a monitoring program plan, will be complied with. I also certify that, to the best of my knowledge, the storm water which is discharged from this facility/site does not contain process wastewater, domestic wastewater, or cooling water.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Mathew Norman

Printed Name

Operations Manager

Title



Signature

1/31/24

Date

Republic Services Training
 SPCC / SPWPP / UST
 Date of Session 01/19/19

Time 6:00 PM

Trainer Bruce Barker

Location _____

Signature *[Signature]*

[illegible]

Date of Session 11/20/19

Time 6:00 PM

Trainer Bruce Barber

Location Melrose

Signature Ben Parker

[illegible]

Date of Session 11/21/19

Time 6:00 AM

Trainer Bruce Sawlow

Location Box Chicago

Signature Brian P. A.

25

If your email address was
not on the original
distributions list, add here
or type NA.

Timestamp	What is your name?	What is your job title?	Please initial and date here?	
1/29/2021 12:33:43	John McEvoy	Environmental Manager	JM 1/29/2021	
2/3/2021 7:32:55	Mike Schelinski	Maintenance Manager	MS 2/3/21	
2/3/2021 8:41:43	Nina Anthony	Operations Supervisor	NA 2/3/2021	NA
2/4/2021 6:47:33	Todd Craddock	Ops Supervisor Transfer	TC 2/4/2021	
2/4/2021 6:53:14	Mike MacTrinder	Operations Manager	MM 2/4/21	NA
2/4/2021 6:54:43	Conner Anderson	Operations Supervisor	CA 2/4/2021	anderco2@republicservices.com
2/4/2021 6:57:59	Brian Holcomb	Division Manager	BNH 2-4-21	NA
2/4/2021 7:00:14	David Drenth	Fleet Maintenance Manager	DD 2/4/21	ddrenth@republicservices.com
2/4/2021 7:04:47	Matt Norman	OM	MBN 020421	mnorman@republicservices.com
2/4/2021 7:09:01	Joe Silva	Maintenance Manager	js	na
2/4/2021 7:27:53	John McEvoy	Environmental Manager	JM 2/4/2021	
2/4/2021 7:31:57	Natalie Murray	Environmental Specialist	NM 2/4/2021	N/A
2/4/2021 8:00:39	Nina Anthony	Operations Supervisor	AN. 2/4/2021	NA
2/4/2021 8:32:31	Eric Dippon	Environmental Manager	EJD 2/4/21	edippon@republicservices.com
2/4/2021 8:52:39	Robert Schwichtenberg	Operations Manager	RJS 2/4/2021	
2/4/2021 9:40:10	Russ Svehla	Ops Manager	RS 2/4/21	rsvehla2@republicservices.com
2/4/2021 9:53:12	Casey Pashup	Fleet Maintenance Manager	CP 05/18	NA
2/4/2021 12:08:37	Pete Boonstra	Ops Manager	2-4-21 PSB	

Full Name	User Action	Timestamp
Bruce Bawkon	Joined	12/20/2022, 6:46:51 AM
Svehla, Russell	Joined	12/20/2022, 6:54:12 AM
Svehla, Russell	Left	12/20/2022, 7:17:53 AM
Berg, Anthony	Joined	12/20/2022, 6:54:18 AM
Berg, Anthony	Left	12/20/2022, 7:17:52 AM
Drenth, David	Joined	12/20/2022, 6:55:13 AM
Drenth, David	Left	12/20/2022, 7:17:53 AM
Maul, Jennifer	Joined	12/20/2022, 6:57:42 AM
Scaglione, Joe	Joined	12/20/2022, 6:57:49 AM
Scaglione, Joe	Left	12/20/2022, 6:58:05 AM
Scaglione, Joe	Joined	12/20/2022, 6:58:49 AM
Scaglione, Joe	Left	12/20/2022, 7:17:50 AM
Dippon, Eric	Joined	12/20/2022, 6:57:50 AM
Dippon, Eric	Left	12/20/2022, 7:17:53 AM
BAIETTO, Dan	Joined	12/20/2022, 6:58:24 AM
Norman, Matt	Joined	12/20/2022, 6:59:04 AM
Norman, Matt	Left	12/20/2022, 7:17:50 AM
Holcomb, Brian	Joined	12/20/2022, 6:59:42 AM
Holcomb, Brian	Left	12/20/2022, 7:18:04 AM
Drinski, Craig A	Joined	12/20/2022, 7:00:03 AM
Drinski, Craig A	Left	12/20/2022, 7:17:53 AM
Culligan, Sean	Joined	12/20/2022, 7:04:52 AM
Culligan, Sean	Left	12/20/2022, 7:17:56 AM
Butler, Kimberly	Joined	12/20/2022, 7:08:08 AM
Butler, Kimberly	Left	12/20/2022, 7:17:52 AM

Republic Services Training
SPCC / SPWPP / UST

Date of Session _____

Time _____

On Site Supervisor

Trainer Bruce Bawkon ASTI

Signature _____

Location _____

[illegible]

Republic Services Training
SPCC / SPWPP / UST
Date of Session_____

[illegible]

Republic Services

Annual Training 2023

Presentation by:
Bruce Bawkon, PE
Director of Industrial Compliance
ASTI Environmental

1

Agenda

- Spill Prevention Control and Countermeasure Plan (SPCC)
- Storm Water Pollution Prevention Plan (SWPP)
- Underground Storage Tanks

2

SPCC SWPP
Employee
Training

Contents of the Plan

Spill Prevention

Spill Procedures

Discharge Procedures

Training Records

3

Spill Prevention
Control and
Countermeasure
Plan (SPCC)

Oil / Petroleum products in
Above Ground Storage
Tanks (ASTs) (40 CFR 112)

Oil means oil of any kind or
in any form, including:
Petroleum, Fuel Oil, Sludge,
Oil Refuse or Oil Mixed with
Other Wastes

4

SPCC Applicability (112.1)

Non Oil Transportation-
Related Facilities

SPCC Plan requirement
threshold

- Total aboveground capacity >1,320 gallons
- Total underground capacity > 42,000 gallons

Discharge of oil from the
facility could reasonably
be expected to reach
waters of the U.S.

5

Counted

Not Counted

55-gallons or greater

5-gallon container

30-gallon drum

Permanently Closed

6

Permanently Closed

SPCC rule exempts any oil storage container that is permanently closed.

↓

Permanently closed means any container or facility for which:

All liquid and sludge removed from each container and connecting lines	All connecting lines and piping disconnected from the container	All valves (except for vent valves) have been closed and locked	Conspicuous signs have been posted	Permanently closed containers may be brought back into use
--	---	---	------------------------------------	--



7

Secondary Containment

- Secondary containment - second barrier or outer wall of a double enclosure



8

Secondary Containment Requirements (40 CFR 112.8)

- Secondary containment must be:
 - Able to hold entire contents of largest tank
 - Impervious
 - Free of vegetation



9

SPCC Requirements for Preparation and Implementation (112.3)

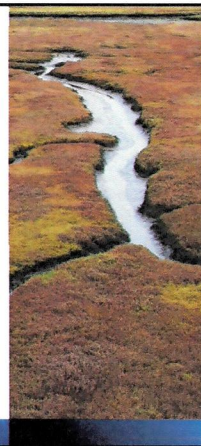
Plan must be kept at nearest manned facility

Plan must be available to inspector during normal working hours

10

Discharge to Navigable Waterways of the U.S.

- Surface waterways – streams, creeks, rivers, lakes
- Wetlands adjacent to a navigable waterway
- Can be intermittent streams. Flowing at least seasonally (3 months or more)



11

National Pollutant Discharge Elimination System (NPDES)

- Determining need for NPDES permit (35 Ill. Adm. Code Subtitle C, Chapter I and Clean Water Act)
 - Standard Industrial Classification (SIC) Code
 - Potential for storm water pollution
 - Exclusions: Facilities with combined sewers (MWRD)

12

NPDES Regulated Facility Requirements

Submit SWPP online to Illinois EPA

Quarterly visual assessments (Appendix F)

13

SPCC SWPP Plan Contents (112.7)

Spill Response & Containment	Failure Prediction (Drainage)	Emergency Response Coordinators
Spill Prevention Coordinator	Storage & Containment	Good House Keeping
Facility Site Plan		

14

Facility Reports and Plan Reviews

SWPPP - annually

SPCC - 5 years

Document the review

Plan amendment

- Technical amendments
- Changes in phone numbers, names, etc. don't need an amendment

15

SPCC and SWPP Inspections

Quarterly

Reports in Appendix E of SPCC/SWPP Binder

Maintain for 3 years

16

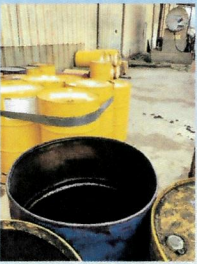
Plan Certifications

SPCC SWPP Management Approval	SPCC Licensed Engineer Certification	SPCC Certification of Substantial Harm
UST Full Approval	UST Class A/B/C	

17

Best Management Practices Release Prevention

- Residual Oil
- Orderly Storage
- Inspect for leaks
- Condition of Containers
- Spillage on Sides of Tank
- Prompt Clean-up
- Clean up Supplies



18

Spill Clean Up Supplies

Accessible	Compatible with oil or chemical	Absorbent Granules
Imbiber pads (oil absorbent)	Oil booms	Brooms
Shovels	PPE	Disposal Containers

19

Documentation of Spill Response Procedures (40 CFR 112.7)

Steps taken by operator / first responder	Spill response coordinators
Emergency contacts	Employee spill response training
Reporting requirements	

20

Release Response

Extinguish ignition sources
Shut off equipment
Activate alarms
Contain the release
Notify spill coordinator
Evacuate if necessary
Appendix D
Maintain spill records

21

Release Reporting

IEPA	LEPC	Fire Department
OSFM	Page v-viii	If oil is discharged into water of the United States or shoreline call NRC: (800) 424-8802

22

Specific SPCC Spill Reporting Requirements

- Report to the EPA Regional Administrator (RA) when there is a discharge of oil to navigable waters:
 - More than 1,000 U.S. gallons of oil in a single discharge
 - More than 42 U.S. gallons of oil in each of two discharges within a 12-month period
 - Owner/operator must report the discharge(s) to the EPA Regional Administrator within 60 days

23

Illinois Spill Reporting

- Equal to or exceeding the reportable quantity of:
 - an extremely hazardous substance (lead-acid batteries with sulfuric acid) 40 CFR 355 Appendix A
 - A CERCLA hazardous substance (windshield wiper fluid with ethylene glycol and methanol) 40 CFR 302.4
 - 25 gallons of petroleum from UST

<http://www.illinois.gov/iema/Preparedness/SERC/Documents/EmNotFactSheet2-04.pdf>

24

Exceptions to Release Reporting

Clean up within 24 hours

- Less than 1,000 gallons to secondary containment
- Less than 55 gallons oil to ground or water (No sheen on surface water)
- 25 gallons of petroleum from AST

25

IEPA Underground Storage Tanks

- Energy and Policy Act of 2005
- Ill. Adm. Code Title 41, Part 176
 - Inspections
 - Testing
 - Clean-Up

26

UST Operator Training and Certification

Every 2 years for UST Operators

On Line Training

IEEMA Approved Vendor

Certificates On-Site

One Operator A, B or C On-Site

O&M Plan On-Site / Inspection records

27

UST Records On-Site

List of A B C Operators

Certificates

Written Instructions for Class C Operator

UST O&M Plan

Monthly Inspection Records

Annual Testing and Inspection Reports

Proof of Insurance

Registration Form (ISFM)

28

Name (Original Name)	User Email	Join Time	Leave Time	Duration (Minutes)	Guest	In Waiting Room
Bruce Bawkon ASTI Environment	bbawkon@asti-env.com	1/16/2024 7:41	1/16/2024 8:32	51	No	No
Nina Anthony		1/16/2024 7:51	1/16/2024 8:31	41	Yes	No
Anthony Berg		1/16/2024 8:01	1/16/2024 8:31	31	Yes	No
Gary Dyke		1/16/2024 8:01	1/16/2024 8:31	31	Yes	No
Megan Crowley		1/16/2024 8:01	1/16/2024 8:31	31	Yes	No
Scaglione - Republic Services		1/16/2024 8:01	1/16/2024 8:13	12	Yes	No
Sean Culligan		1/16/2024 8:01	1/16/2024 8:31	31	Yes	No
Scaglione - Republic Services		1/16/2024 8:13	1/16/2024 8:31	19	Yes	No

Meeting ID	Topic	Start Time	End Time	User Email	Duration (Minutes)	Participants
87663553877	Republic SPCC/SWPP Training	1/17/2024 7:48	1/17/2024 8:30	bbawkon@asti-e	42	4
Name (Original Name)	User Email	Join Time	Leave Time	Duration (Minute)	Guest	In Waiting Room
Bruce Bawkon ASTI Environmental	bbawkon@asti-env.com	1/17/2024 7:48	1/17/2024 8:30	42	No	No
Matt Norman		1/17/2024 7:56	1/17/2024 8:30	34	Yes	No
klang		1/17/2024 8:01	1/17/2024 8:30	29	Yes	No
Brian Holcomb		1/17/2024 8:02	1/17/2024 8:30	28	Yes	No

Meeting ID	Topic	Start Time	End Time	User Email	Duration (Minutes)	Participants
82643287311	Republic SPCC/SWPP Meeting	1/19/2024 7:45	1/19/2024 8:32	bbawkon@asti-	47	10
Name (Original Name)	User Email	Join Time	Leave Time	Duration (Minutes)	Guest	In Waiting Room
Bruce Bawkon ASTI Environmental	bbawkon@asti-env.com	1/19/2024 7:45	1/19/2024 8:32	47	No	No
eric		1/19/2024 7:53	1/19/2024 8:32	39	Yes	No
Joe Boonstra		1/19/2024 7:56	1/19/2024 8:32	36	Yes	No
Demetrius Pendleton		1/19/2024 7:58	1/19/2024 8:32	34	Yes	No
John Schuitema - ASTI Environmental		1/19/2024 7:59	1/19/2024 8:32	34	Yes	No
Ryan M's iPhone		1/19/2024 7:59	1/19/2024 8:00	2	Yes	No
17736548179		1/19/2024 8:00	1/19/2024 8:09	9	Yes	No
Mike Williams		1/19/2024 8:00	1/19/2024 8:32	32	Yes	No
RD		1/19/2024 8:08	1/19/2024 8:09	2	Yes	No
RD		1/19/2024 8:09	1/19/2024 8:32	23	Yes	No