

SPARROWS POINT
Ready Mix Concrete Facility
1525 Wharf Road, Edgemere, MD 21219

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

In compliance with:
General Permit No. 15MM9941
National Pollution Discharge Elimination System (NPDES)

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I. Introduction

a. SWPPP Purpose

This Storm Water Pollution Prevention Plan (SWPPP) has been developed as requirement of the National Pollution Discharge Elimination System (NPDES) program for regulating storm water discharge from industrial facilities. Development, proper implementation and dedicated monitoring of the SWPPP will allow the Sparrows Point Ready Mix Concrete Facility [herein known as the Sparrows Point Facility for the purposes of this report] to control pollutants and comply with all established regulations. The primary purpose of this SWPPP is to:

- 1) Identify potential sources of pollution that may reasonably be expected to affect the quality of storm water discharges from the site,
- 2) Describe the practices that will be used to reduce pollutants in storm water discharges to assure compliance with the conditions of the Permit, and
- 3) Establish an implementation schedule to ensure that the proposed plan is properly implemented while monitoring the plan's effectiveness in meeting the design goals.

b. SWPP Content

The following components are included in this SWPPP:

- Description of the facilities and existing conditions
- Description of potential storm water contaminations
- Description of measure to be taken and Best Management Practices (BMP's) to be implemented
- Description of the monitoring and inspection plan to be implemented
- Identification of a SWPPP coordinator, SWPPP team members and the responsibilities involved, and
- Description of the requirements for permit compliance.

II. Facility Description

a. Facility Location

The Sparrows Point facility is located at 1525 Wharf Road, Edgemere, Maryland and is within Baltimore County boundaries. **Figure 1** is a general vicinity map of the area.

b. Site Description

The Sparrows Point facility operates on a portion of land within the former Sparrows Point wharf. The multi-acre site is surrounded by an industrial area and rail yards.

On-site structures include a batch office, two batch plants, a drum wash basin, fuel station, and aggregate bins. **Figure 2** is a facility sketch of existing conditions, illustrating pertinent on-site structures and includes approximate drainage zone locations, patterns of storm water drainage and locations of any discharge points.

c. *Site Activities*

The Sparrows Point facility is classified as a code 3273 under the 1987 Standard Industrial Classification (SIC) guild lines and as code 327320 under the 2002 North American Industry Classification System (NAICS). Normal operating hours are 7am to 4pm and there is an average of fifteen full-time employees on schedule with approximately ten (10) operating out of this facility on a regular basis.

d. *Existing Drainage and Discharge Conditions*

The site consists of one large drainage zone. **Figure 2** is a facility sketch of existing conditions that includes zone locations, patterns of storm water drainage and locations of any discharge. These are approximate locations based on a review of site conditions and an evaluation of mapping and aerial photos. Site drainage is generally South to North.

DZ-1 represents entirety of the site and includes a fueling station, office, both batch plants, truck loading areas, mixer drum washout basin, sediment basin, and recycle concrete pile. Flow is directed northeast to the sediment basin and DP-1 (Discharge Point-1) located behind the aggregate bins. A sound wall makes the eastern boundary, a rail spur makes the northern and western borders of the site. A stand of trees and a creek makes the southern border of the site.

Figure 2 is a facility sketch of existing conditions that depicts typical patterns of storm water drainage and locations of any discharge. Additional information about each drainage zone and discharge point can be found in **Table 1**.

III. **Potential Storm Water Contaminants**

a. *Material Inventory*

Table 2 identifies materials that are used, stored or produced on-site that may contribute to storm water pollution. A physical description and the probable storm water pollutants are included. This SWPPP is focused on limiting the pollution from these sources.

b. *Spill and Leak History*

There are no records of any spills or leaks of any material in this facility within the past three years.

c. *Potential Areas for Storm Water Contamination*

The following core areas with potential for storm water contamination were considered in the development of this SWPPP:

- Truck Loading Area: Two loading areas, one at each batch plant.
- Fueling Station: located between the washout basin and the conveyor for batch plant #2.
- Aggregate Bins: Concrete block bins are located on the western and norther border of the site. They contain sand, gravel, and stone used in the batch plants.

Table 1 includes site-specific information regarding storm water pollution potential from these areas.

d. Emergency Contact Information

Any chemical or oil spill will be recorded on standard inspection forms (**Appendix A**). In the event of an emergency spill, the Maryland Department of the Environment 24 hr Emergency Spill Hotline (410-974-3551) and the National Response Center at (1-800-424-8802) will be contacted. In the event of a spill situation, a standard spill response procedure will be followed (**Appendix B**). This procedure and emergency contact information will be visible and readily available in the site office

IV. Storm Water Management (SWM) Control Measures

This section will detail existing SWM control measures and proposed controls that will be implemented to comply with permit requirements. All Best Management Practices (BMPs) used as control measures in this project were selected to meet or exceed EPA and local requirements. **Table 3** contains specific information and a schedule for target implementation of these control measures. **Figure 2** is a facility sketch of proposed control measures depicting approximate locations of implementation.

a. Site Evaluation of Existing Control Measures

The following is a list of effective control measures that are currently in place at the Sparrows Point Facility:

- Mixer Drum Washout Basin: Effective washout basins are in place adjacent to the conveyor for batch plant #2. All Concrete Mixer truck returning to the site will wash their drums out into this basin where water is treated for TSS.
- Sediment Basin: A sediment basin leads to DP 1. Water sheet flows across the site to this basin for final settling before reaching the discharge point.
- Aggregate Bins: These concrete block bins keep the stockpiled sand, gravel, and stone confined to the site.

b. Implementation of Proposed SWM Control Measures

The following is a list of appropriate control measures that will be implement at the Annapolis Facility:

- Fueling Station: The fueling station will be inspected for potential leak hazards and any changes will be implemented immediately. All trucks that use the fueling station are equipped with 5-gallon spill kits to be used in the event of a spill. A 55-gallon spill kit is also located at the fuel station.
- Mixer Drum Washout Basins: The washout basin is cleaned regularly with the loader. Sediments the loader cannot reach will be pumped out annually and disposed of off-site.
- Aggregate Bins: All stock piles will be consolidated and employees will ensure that there is no sediment, sand/or aggregate leaving the appropriate holding areas.
- Equipment Inspections: Vehicles and equipment will be inspected for fluid leaks and any other potential pollutants to storm water. All vehicles and equipment will receive regular preventative maintenance to reduce the chance of fluid leakage.

- General Housekeeping: General good housekeeping measures will be implemented into a routine schedule to promote site compliance.
- Air Pollution: Dust suppression methods will be implemented to minimize air pollution that could originate from the site.

V. Facility Monitoring Plan

a. Routine Inspections

Routine inspections will be conducted throughout the site to decrease the likelihood of a potential pollution situation. The washout basin, sediment basin, the fueling station, storage areas, aggregate bins, and all other pollution prevention implementations will be inspected for effectiveness. Visual observations of all BMP's will be conducted no less than one time each month by a SWPPP Implementation Task Force Member. CEEIP inspection forms will be completed electronically and uploaded to the Chaney Enterprises website where it can be accessed. A sample inspection form can be found in **Appendix A**.

b. SWPPP Updates and Amendments

Any changes to operating conditions of the Sparrows Point Facility that require modification of existing BMPs or implementation of new BMPs will be recorded in **Appendix F**. This SWPPP shall be amended to include any change in design, construction, operation, or maintenance of the facility that has a significant effect on the potential for the discharge of pollutants to surface waters and that has not been addressed in the normal implementation of the SWPPP. This SWPPP shall also be updated whenever it is found to be ineffective in meeting the requirements of the NPDES Permit and any other applicable regulatory guidelines. In the event that the Maryland Department of the Environment (MDE) notifies the SWPPP Coordinator that the SWPPP does not meet one or more of the provisions of the NPDES Permit or any other applicable regulatory guidelines, changes will be made within a timeframe approved by the MDE.

VI. SWPPP Implementation Task Force

a. SWPPP Coordinator

The SWPPP Coordinator for the Sparrows Point Facility is the Environmental Manager.

b. SWPPP Coordinator Responsibilities

The SWPPP Coordinator will be responsible for the following:

- Manage the SWPPP team in the implementation of the SWPPP plan
- Assign inspection duties
- Oversee employee training
- Ensure regulatory compliance of site activities
- Measure overall effectiveness of SWPP implementation
- Address any site operation changes with appropriate SWPPP modifications

c. SWPPP Implementation Task Force Team Members

The following team members will assist the SWPPP Coordinator in all aspects of the SWPPP implementation:

NAME	POSITION	PHONE NUMBER	EMAIL ADDRESS
Billy Roy	Area Production Manager	(240) 299-1544	broy@chaneyenterprises.com
Fernando Alvarez	Senior Operations Manager	(410) 375-5095	falvarez@chaneyenterprises.com
Shelby Taylor	Environmental Manager	(443) 510-9347	staylor@chaneyenterprises.com
Gus Buttar	Director of Environmental, Health & Safety	(240) 299-7172	gbuttar@chaneyenterprises.com

VII. Compliance Requirements

a. On-site Record Retention

A copy of the most recently updated version of this SWPPP will be retained electronically on the Chaney Enterprises website and will be accessible by computer or mobile device. Copies of completed inspection forms will also be kept on the Chaney Enterprises website. Additionally, all employee training records and certifications shall be made readily available upon request.

b. Employee Training

An annual environmental education seminar will be incorporated into ongoing employee training protocol to educate employees about the pollution prevention issues relating to this SWPPP. Employees will be introduced to the requirements of the SWPPP and will be instructed on how to monitor the implemented BMPs for maximum effectiveness, trained on proper spill response procedure, and job site chute rise out procedure. Training will be done virtually and recorded in Paycom. Prior to the seminar, the SWPPP Coordinator (or designated SWPPP team member) will evaluate the environmental education program to verify its effectiveness, implement any appropriate changes and complete an evaluation form. A sample evaluation form can be found in **Appendix D**.

c. Implementation Schedule

A proposed schedule for the implementation of this SWPPP can be found in **Table 3**. An implementation schedule for E&S Controls and BMPs is shown in **Table 4**. These schedules will be modified if there is any change to the sequence or expected completion dates and updated schedules will be inserted into the SWPPP file.

d. Annual SWPPP Compliance Assessment

A designated SWPPP team member will conduct an annual compliance assessment to ensure that the facility is complying with all requirements detailed in this SWPPP. All BMPs and E&S controls said to be in place will be inspected, adherence to the implementation schedule will be verified and a confirmation of an active employee training program will be made. An assessment report will be completed, and a copy of the assessment will be kept on record. A sample assessment form can be found in **Appendix E**.

e. *Corporate Certification*

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

Name	Shelby Taylor
Title	Environmental Manager
Signature	
Date	

Digital Signature Stamp (When not hand signed)

Digital Sig/Date:	
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FIGURE 2

FACILITY SKETCH OF EXISTING CONDITIONS

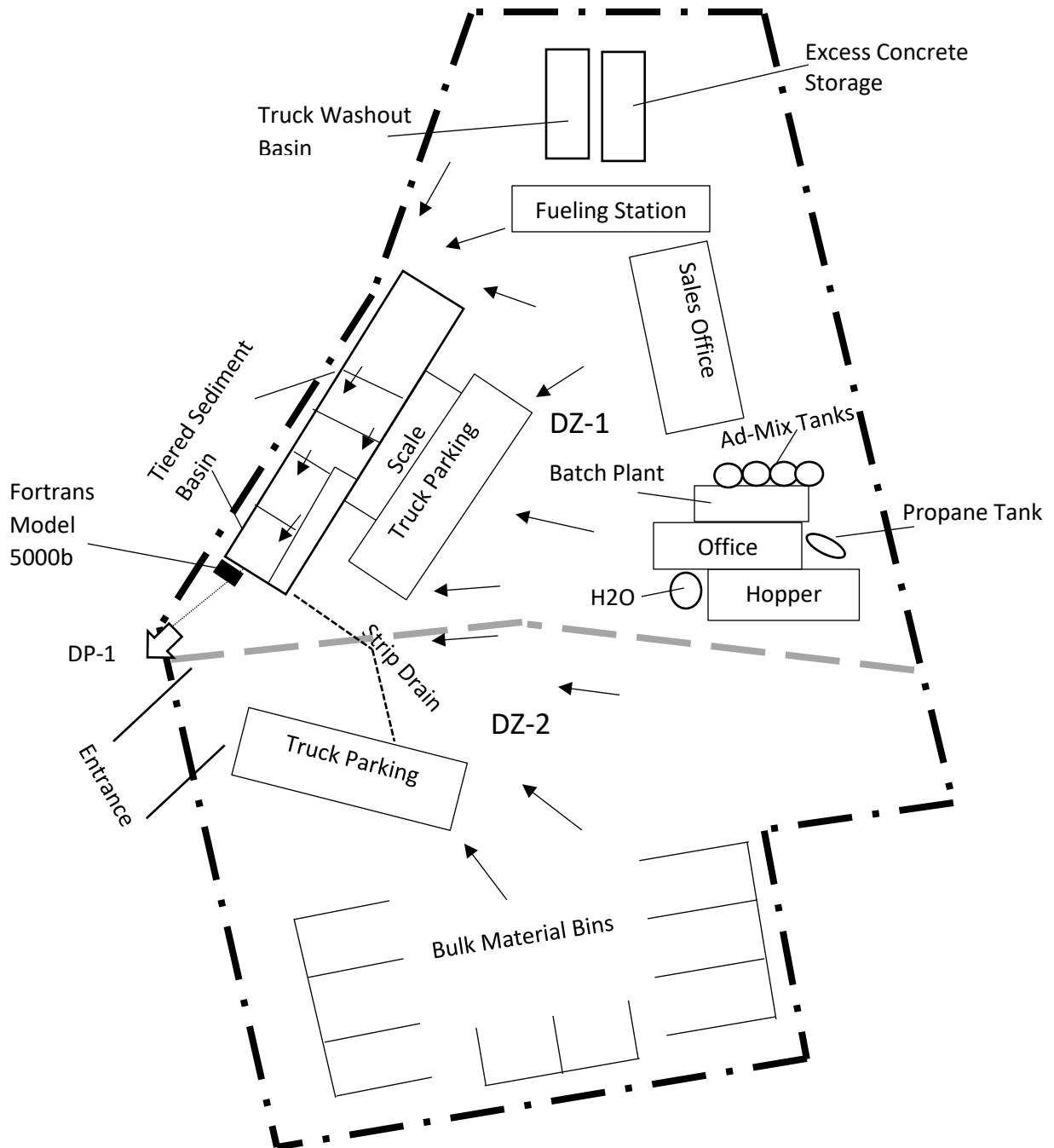


Table 1

EXISTING STORM WATER DRAINAGE AND DISCHARGE POINTS

DRAINAGE ZONE / DISCHARGE POINTS	STORM WATER DRAINAGE DESCRIPTION	POTENTIAL POLLUTION	POTENTIAL PROBLEMS
DZ-1	Drainage is directed through a series of basins where it is treated by Fortrans Model 5000b Water Treatment System prior to discharge. Natural topography and a concrete swale direct runoff through the area.	Gasoline, Diesel Fuel, Hydraulic Oil/Fluids, Sediment	Diesel fuel/fluids may leak from trucks and equipment. High pH water may be discharged without being treated. Improper loading may result in sediment discharge. Overflow from collection basin may result.
DZ-2	Drainage is directed to the sediment basins area via natural topography and a strip drain.	Gasoline, Diesel Fuel, Hydraulic Oil/Fluids, Propane, Sediment, High pH Water	Diesel fuel/fluid may leak from trucks and equipment along the entrance way and near the site office. Improper loading may result in sediment discharge. Runoff from bulk material areas may result in excess sediment buildup.
DP-1	The lone discharge point is adjacent to the site entrance. After water is filtered in the sediment basins and treated by the Fortrans Model 5000b Water Treatment System, it is discharged into a storm inlet on Industrial Drive.	Gasoline, Diesel Fuel, Hydraulic Oil/Fluids, Propane, Sediment, High pH Water	Discharge water with high pH is the main concern in this area. Overflow from the loading area may cause release of excess sediment. Trucks release washout water that could potentially be discharged before being treated.

Table 2
MATERIAL INVENTORY

TRADE NAME MATERIAL	PHYSICAL DESCRIPTION	STORM WATER POLLUTANTS
<i>Cleaning Solvents</i>	Colorless, blue, or yellow-green liquid	Perchloroethylene, methylene, chloride, trichloroethylene, petroleum distillates
<i>Waste Water</i>	Clear or gray	Oil, grease, concrete
<i>Concrete</i>	White or gray solids	Limestone, sand
<i>Sand, Gravel</i>	Solid particles	Silicon, suspended solids, turbidity, sediment
<i>Hydraulic oil/fluids</i>	Brown oily petroleum hydrocarbon	Mineral oil
<i>Gasoline</i>	Colorless, pale brown pr pink petroleum hydrocarbon	Benzene, ethyl benzene, toluene, xylene, MTBE
<i>Diesel Fuel</i>	Clear, blue-green to yellow liquid	Petroleum distillate, oil & grease, naphthalene, xylenes
<i>Kerosene</i>	Pale yellow liquid petroleum hydrocarbon	Coal oil, petroleum distillates
<i>Antifreeze/coolant</i>	Clear green/yellow liquid	Ethylene glycol, propylene glycol, heavy metals (copper, lead, zinc)
<i>Polarset</i>	Light green, clear liquid	Calcium Bromide, Calcium Nitrate, Diethylene Glycol, Methyl diethanolamine, Calcium Nitrite
<i>Daracel</i>	Clear Liquid	Naphthalene sulfonic acid, polymer with formaldehyde

TABLE 3

SWPPP IMPLEMENTATION SCHEDULE

SWPPP FEATURE	TARGET IMPLEMENTATION DATE
<i>Facility inspections</i>	Monthly
<i>Implementation of SWM Control Measure</i>	See TABLE 4
<i>Employee Training Program</i>	Date of environmental seminar: Fall Annually General employee instruction: Ongoing
<i>Annual Compliance Assessment</i>	Fall Annually

TABLE 4**SWM CONTROL MEASURES IMPLEMENTATION SCHEDULE**

FACILITY SITUATION	SWM CONTROL MEASURE	TARGET IMPLEMENTATION DATE
<i>Fueling Station</i>	Check for complete spill kit at fueling station	Daily
	Inspect fuel/propane tanks and containment areas for cracks & leaks.	Daily
<i>Recycling/Reclaim Basins</i>	Inspect basins for effectiveness & make any necessary changes.	Monthly
<i>Collection Basins</i>	Inspect concrete basin at DP-1 for effectiveness. Clean out if needed.	Monthly
<i>Fortrans Model 5000b Water Treatment System</i>	Inspect that system is functioning properly.	Daily
	Check CO2 levels	Weekly
	Clean pH probes	Weekly
	Calibrate pH probe	Monthly
<i>Equipment Inspections</i>	On-site vehicles and equipment will be thoroughly inspected for fluid leaks and other potential pollutants.	Daily
	Preventative maintenance will be performed on a regular schedule.	Monthly/As Needed
<i>General Housekeeping</i>	Aggressive enforcement of good housekeeping measures will be implemented.	Daily

August 2026

APPENDIX B

EMERGENCY CONTACT INFORMATION

EMERGENCY COORDINATORS (EC)

NAME	POSITION	PHONE NUMBER	EMAIL ADDRESS
Billy Roy	Area Production Manager	(240) 299-1544	broy@chaneyenterprises.com
Fernando Alvarez	Senior Operations Manager	(410) 375 – 5095	falvarez@chaneyenterprises.com
Shelby Taylor	Environmental Manager	(443) 510-9347	staylor@chaneyenterprises.com
Eddy Chambers	H&S Manager	(804) 305-1057	echambers@chaneyenterprises.com
Gus Buttar	Director of Environmental, Health & Safety	(240) 299-7172	gbuttar@chaneyenterprises.com

LOCAL EMERGENCY AGENCIES

AGENCY	PHONE NUMBER
Fire Department	911
Police Department	911

SPILL RESPONSE CONTRACTORS

COMPANY	LOCATION	PHONE NUMBER	SERVICES PROVIDED
ACE Environmental	420 East Eager Street Baltimore, MD 21205	1(410) 354-8030 (office) 1(410) 804-0112	Spill Response & Clean-up, Transport & Disposal of Contaminated Materials

STATE AND NATIONAL RESPONSE

STATE AND NATIONAL	PHONE NUMBER	SERVICES PROVIDED
MDE (State) 24 Hour Emergency Spill Hotline	1(410) 974-3551	Spill Response & Clean-up, Transport & Disposal of Contaminated Materials
National Spill Response Center	1(800) 424-8802	

APPENDIX C

SWPPP COMPLIANCE ASSESSMENT

SWPPP Feature	Y/N	Comments
Have monthly comprehensive inspections been conducted and have forms been completed and filed?		
Have BMP's been implemented and has the implementation schedule been adhered to?		
Has employee training been implemented?		
Has the Environmental Education Program been evaluated and forms filed?		
Have all changes to site function been addressed in the SWPPP?		
Name: _____ Title: _____ Signature: _____ Date: _____		

APPENDIX D
SWPPP MODIFICATIONS

DATE	COMMENTS (What was Reviewed or Corrected)	SIGNATURE / INITIALS
8/5/2026	Reviewed and updated contact information to reflect employee changes	TDD