



REGION 3

PHILADELPHIA, PA 19103

Report Title: Clean Water Act Compliance Inspection Report
Inspection Date: 07/25/2024
Regulatory Program(s): National Pollutant Discharge Elimination System (NPDES)
Type of Activity: Industrial Stormwater
Site/Facility Name: Jessup Ready Mix Concrete Facility
Permittee(s): Chaney Enterprises
Site/Facility Operator: Chaney Enterprises
Site/Facility Address: 7926 Old Jessup Road, Jessup Maryland, 20794
Latitude: 39.153936 Longitude: -76.777044
County/Parish: Howard
Permit Number: MDG498046
NAICS Code: 327320 SIC: 3273
Unique Project #: ECAD-5530

Site/Facility Representative(s): Point of Contact
Victor Vilece [checked]
Phone: (301) 861-6094 Email: VVilece@chaneyenterprises.com
Lamont Hopkins [checked]
Phone: (410) 279-9282 Email: lahopkins@chaneyenterprises.com
Billy Roy
Phone: (443) 826-1498 Email: BRoy@chaneyenterprises.com

EPA Inspectors:
Shane McAleer
Phone: (215) 814-5616 Email: Mcaleer.Shane@EPA.gov
Brian Tolton
Phone: (215) 814-3291 Email: Tolton.Brian@EPA.gov
Samual Magro
Phone: (215) 814-3158 Email: Magro.Samuel@EPA.gov

State/Local Inspectors:
Collin Bucher
Phone: (443) 934-7737 Email: CollinI.bucher@maryland.gov

Report Preparer Signature/Date: Brian Tolton, Physical Scientist, 3ED33, 9/10/2024, Date

Supervisor Signature/Date: Jessica Duffy, NPDES Section 2 Chief, 3ED33, Date

Table of Contents

| <u>Section</u> | | <u>Page</u> |
|-----------------------|---|--------------------|
| I | Introduction..... | 3 |
| A | Inspection Opening Conference..... | 3 |
| B | Weather and Precipitation Conditions..... | 3 |
| C | Summary of the Facility..... | 4 |
| II | Facility Activity..... | 4 |
| III | Observations..... | 5 |
| IV | Records Review..... | 8 |
| V | Closing Conference..... | 8 |
| VI | List of Attachments..... | 9 |

I. Introduction

On July 25, 2024, an inspection team composed of staff from the U.S. Environmental Protection Agency (“EPA”) Region III and a representative of the Maryland Department of the Environment (“MDE”) (hereinafter, referred to as the “Inspection Team”) conducted an industrial stormwater inspection of the Chaney Enterprises Jessup Ready Mix Concrete facility (hereinafter, “the facility”). The purpose of the inspection was to observe compliance with the Clean Water Act (CWA) and to verify compliance with the facility’s National Pollutant Discharge Elimination System (NPDES) Permit No. MDG498046 (hereinafter, the “Permit”) and applicable State and Federal regulations.

A. Inspection Opening Conference

The EPA Inspection Team arrived at the site at est. 9:20 AM for the inspection. Inspectors met with the following facility representatives:

Table 1: Inspection Attendee List

| Name | Affiliation | Telephone | Email |
|--|--------------------|----------------|---------------------------------|
| EPA Region III Inspectors and Contractors | | | |
| Shane McAleer | EPA Inspector | (215) 814-5616 | Mcaleer.Shane@EPA.gov |
| Brian Tolton | EPA Inspector | (215) 814-3291 | Tolton.Brian@EPA.gov |
| Samuel Magro | EPA Inspector | (215) 814-3158 | Magro.Samuel@EPA.gov |
| Site/Facility Representatives | | | |
| Victor Vilece | Chaney Enterprises | (301) 861-6094 | VVilece@chaneyenterprises.com |
| Lamont Hopkins | Chaney Enterprises | (410) 279-9282 | Lahopkins@chaneyenterprises.com |
| Billy Roy | Chaney Enterprises | (240) 299-1544 | Broy@chaneyenterprises.com |
| State or County Representatives | | | |
| Collin Bucher | MDE | (443) 934-7737 | Collinl.Bucher@Maryland.gov |

The EPA inspection team displayed their credentials to the Facility Operator, Chaney Enterprises, at the outset of the inspection, and explained the purpose of the inspection was to observe compliance with its Permit. A copy of the Permit is provided in Attachment 1. The EPA Inspection Team informed the Operator that any information that the Facility deemed to be confidential business information (“CBI”) should be identified to EPA representatives during the inspection and it would be handled as CBI according to EPA’s CBI procedures.

B. Weather and Precipitation Conditions

During the inspection, weather was partly cloudy, around 76° F. National Oceanic and Atmospheric Administration (NOAA) National Weather Service precipitation data for the date of the inspection and 5 days prior are provided in the Table 2 below:

Table 2. Precipitation Data

| Station Name | Date | Precipitation Amount (inches) ¹ |
|---------------------------------------|-----------|---|
| COLUMBIA 3.3 SSE, MD US (US1MDHW0054) | 7/20/2024 | 0.00 |
| COLUMBIA 3.3 SSE, MD US (US1MDHW0054) | 7/21/2024 | 0.04 |
| COLUMBIA 3.3 SSE, MD US (US1MDHW0054) | 7/22/2024 | 0.00 |
| COLUMBIA 3.3 SSE, MD US (US1MDHW0054) | 7/23/2024 | 0.16 |
| COLUMBIA 3.3 SSE, MD US (US1MDHW0054) | 7/24/2024 | 0.09 |
| COLUMBIA 3.3 SSE, MD US (US1MDHW0054) | 7/25/2024 | 0.03 |

C. Summary of the Site/Facility

The Jessup Ready Mix Concrete facility is an active concrete manufacturing facility that creates and delivers ready mix concrete to its customers in the Jessup MD area. The facility is owned by Chaney Enterprises which specializes in manufacturing of concrete and stone/sand aggregates. The Jessup Ready Mix Concrete facility is bordered by Dorsey Run Road to the north, Old Jessup Road to the east, route 175 to the west, and commercial properties to the south. Onsite structures include an office building, storage sheds, batch plant, water tank, heating oil tank, diesel tank, settling basins, aggregate storage, and a stormwater retention pond. normal operation hours are 7am to 4pm, Monday through Friday. The Facility operates 8-11 concrete mixing trucks delivering concrete to customers. All trucks are parked onsite overnight, and all maintenance on trucks are completed at another Chaney Enterprise location.

II. Facility Activity

During the inspection, the EPA Inspection Team observed: the Facility concrete production structures, the storage yard, collection basins, existing stormwater controls, and the discharge outfall. The EPA Inspection Team was escorted around the Facility by representatives from Chaney Enterprises, who described the process of concrete production. The EPA Inspection Team was escorted to all existing stormwater controls. Stormwater and process water is directed to the southwest corner of the facility. In this southwest corner, there are three settling basins, in series (see Photo 7 in Attachment 2, the Photograph Log). At the last settling basin, there is a Fortrans Model 5000b pH reduction monitoring system (Photo 15). The water is then drained to pipes under the facility to the stormwater retention pond. The retention stormwater pond discharges via Outfall 001, located on the property boundary in the southeast corner (Photo 30). The inspection observations were made pursuant to the requirements of the Permit. The observations from the inspection are described in detail below in the Observations

¹ Source: NOAA National Climatic Data Center (<http://www.ncdc.noaa.gov/>).

section. Photographs were taken during the inspection by Samuel Magro, and are provided in Attachment 2.

III. Observations

Permit requirement Part 3 section B.1.b.ii

Good Housekeeping. You must keep clean all exposed areas that are potential sources of pollutants, using such measures as sweeping at regular intervals, keeping materials orderly and labeled, and storing materials in appropriate containers. A good practice for ensuring housekeeping activities are performed at regular intervals would be keeping a schedule for routine grounds maintenance and cleanup.

Observation 01:

The Inspection team observed concrete slurry spilled over the first settling basin, see Photo 17.

Observation 02:

The Inspection team observed bulk concrete debris that spilled over the storage wall, see Photo 16.

Observation 03:

The Inspection team observed stone aggregate out of its storage bin, see Photo 23.

Permit requirement Part 3 section B.1.b.iii

Maintenance. You must regularly inspect, test, maintain, and repair all industrial equipment and systems to avoid situations that may result in leaks, spills, and other releases of pollutants in stormwater discharged to receiving waters. You must clean catch basins when the depth of debris reaches two-thirds (2/3) of the sump depth and keep the debris surface at least six inches below the lowest outlet pipe. You must also maintain all control measures that are used to achieve the effluent limits required by this permit in effective operating condition. Particular care should be taken to inspect compaction dumpsters to prevent debris around or under the dumpster as well as prevent hydraulic fluid leakage. Nonstructural control measures must also be diligently maintained (e.g., spill response supplies available, personnel appropriately trained). If you find that your control measures need to be replaced or repaired, you must make the necessary repairs or modifications as expeditiously as practicable.

Observation 04:

The Inspection team observed debris in entrance grated trench. See Photos 25 and 26.

Permit requirement Part 3 section B.1.b.iv

Spill Prevention and Response Procedures. You must minimize the potential for leaks, spills and other releases that may be exposed to stormwater and develop plans for effective response to such spills if or when they occur. These procedures are complementary to and do not replace any requirements of RCRA (42 U.S.C. §6901), the Department's Land Management Administration Oil Control Program, NFPA 30 Flammable and Combustible Liquids Code or the Spill Prevention, Control and Countermeasure (SPCC) Plan (as a requirement of 40 CFR § 112). At a minimum, you must implement:

**Preventative measures such as barriers between material storage and traffic areas, secondary containment provisions, and procedures for material storage and handling;*

**Procedures for expeditiously stopping, containing, and cleaning up leaks, spills, and other releases. Employees who may cause, detect, or respond to a spill or leak must be trained in these procedures and have necessary spill response equipment available. If possible, one of these individuals should be a member of your stormwater pollution prevention team as described in Part III.C.1.;*

Observation 05:

The Inspection team observed drums in the storage trailer with no secondary containment and staining on the floor. See Photos 18 and 19.

Permit Requirement Part 3 section B.1.b.xii

Dust Generation and Vehicle Tracking of Industrial Materials. You must minimize generation of dust and offsite tracking of raw, final, or waste materials.

Observation 06:

The Inspection team observed track out from trucks on Old Jessup Road, as well as sediment piles and material debris along the entrance curbing and in a stormwater drain / inlet in Old Jessup Road. See Photos 27, 28, and 29.

Permit Requirement Part 3 section B.1.b.xii

Part III.C.3.b of the permit states: "Pollutants. A list of pollutant(s) or pollutant constituents... associated with each identified activity. The pollutant list must include all significant materials that have been handled, treated, stored, or disposed, and that have been exposed to stormwater in the 3 years prior to the date you prepare or amend your SWPPP."

Part III.C.5.b.i of the permit states: "You must document in your SWPPP your procedures for performing, as appropriate, the three types of inspections specified by this permit, including:

- *Routine facility inspections (See Part V.A.1);*
- *Quarterly visual assessment of stormwater discharges (see Part V.A.3); and*
- *Comprehensive site inspections*

Part III.C.5.b.iii of the permit states: "If numeric or benchmark monitoring is required for your industry or industries per Appendix D your SWPPP must document:

- *Locations where samples are collected...*
- *Parameters for sampling and the frequency of sampling for each parameter.*
- *Any numeric control values (benchmarks...) for each outfall; and*
- *Procedures for gathering storm event data, as specified in Part V.C."*

Observation 07:

The SWPP was reviewed and observed to be missing requirements and of insufficient detail. This includes:

- The facility map did not include all items as required by the permit.
- The list of pollutants did not include all significant materials observed onsite.
- Procedures for quarterly visual assessments of stormwater discharges were not observed.
- Sample locations, parameters and frequencies for sampling, numeric control values, and procedures for gathering storm event data were not identified.
- SWPPP Implementation Task Force Team members were not correct/current.

Part III.C.8 of the permit states: "You must retain a copy of the current SWPPP required by this permit at your facility and it must be immediately available..."

Observation 08:

The EPA Inspection Team was not able to be immediately provided with a current copy of the SWPPP. Chaney Enterprises had a Quick Response ("QR") code available on site which linked to a request for environmental documents, including the SWPPP, but could not be accessed until approved by Chaney personnel. Due to this immediate access to the SWPPP was not readily available.

Permit Requirement Part 5 section A.2.a.vi.

Part V.A.2.a.vi. of the permit states that the annual Comprehensive Site Compliance Evaluation must include all areas where industrial materials or activities are exposed to stormwater, including: "v. evidence of pollutants discharging to surface waters at all facility outfalls..."

Observation 09:

The EPA Inspection Team observed the stormwater in the detention basin and discharging from the Facility outfall (Outfall 001) to be white in color. White staining of the outfall headwall and riprap was observed at Outfall 001 (Photos 20, 21, 22, 24, 30, 31, and 32).

IV. Records Review

During the opening conference, the EPA Inspection Team reviewed documentation including: the NPDES permit, the Facility SWPPP (including SWPPP map), and Facility self-inspections. All paper copies onsite were outdated. Chaney Representatives explained the QR code poster in the office is where all documents are stored electronically. The inspection team explained that they will still request documents via email to complete records review. The requested documents included NPDES Permit, SWPPP, SWPPP compliance assessment, stormwater training, Facility inspections and evaluations, DMRs, Laboratory analytical data reports, corrective action logs. Receipts of stormwater pond cleanout was sent to the EPA Inspection Team and received on August 2, 2024.

V. Closing Conference

After the facility walk, the EPA Inspection Team met with the facility representatives for a closing conference. The EPA Inspection Team shared preliminary observations with the facility. The EPA Inspection Team reiterated to the facility representatives that all preliminary observations discussed were not compliance determinations. Any and all preliminary observations shared were subject to further investigation by EPA upon the additional review of records and documentation. Additional observations may be contained in this inspection report that were not identified at the time of the closing conference after EPA reviewed additional materials following the inspection.

The inspection concluded at 11:40

VI. List of Attachments

- Attachment 1: NPDES Permit (MDG498046)
- Attachment 2: Photograph Log
- Attachment 3: SWPPP
- Attachment 4: 2023 SWPPP Compliance Assessment
- Attachment 5: CEEIP Inspection Forms
- Attachment 6: DMRs
- Attachment 7: Stormwater Retention Pond Maintenance/Clean-Out
- Attachment 8: Environmental Education Seminar Roster/Evaluation