



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

Report Title: Clean Water Act Compliance Inspection Report
Inspection Date(s): 07/13/2022
Regulatory Program(s): National Pollutant Discharge Elimination System (NPDES)
Type of Activity: Construction Stormwater
Site/Facility Name: Lakeview Estates
Permittee(s): Lakeview Estates
Site/Facility Operator: Bob Coleman
Site/Facility Address: Pohopoco Dive
Towamensing, PA 18235
Latitude: 40.886667 **Longitude:** -75.576508
County/Parish: Carbon
Site Specific Permit #: PAD130018
NAICS Code: 236100 **SIC:** 1522
Unique Project #: 3E22WN092A

Site/Facility Representative(s): **Point of Contact**
Bob Coleman ☒
Phone: 570-977-2102 Email: N/A

EPA Inspectors:
Peter Gold - EPA
Phone: (215) 814-5236 Email: Gold.Peter@epa.gov
Michael Greenwald - EPA
Phone: (215) 814-2398 Email: Greenwald.michael@epa.gov

State/Local Inspectors:
Sanya Anderson - PA DEP
Phone: (570) 830-3087 Email: Sanyanders@pa.gov
Justin Dresch - PA DEP
Phone: (570) 830-3040 Email: Jdresch@pa.gov
Luke Graver - PA DEP
Phone: (570) 830-3018 Email: Lugraver@pa.gov

Report Preparer _____
Signature/Date Peter Gold, Enforcement Officer Date
NPDES Enforcement Section (3ED32)

Supervisor _____
Signature/Date Michael Greenwald, Acting Section Chief Date
NPDES Enforcement Section, (3ED32)

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Table of Contents

I. Introduction 3

 A. Inspection Opening Conference 3

 B. Weather and Precipitation Conditions..... 3

 C. Summary of the Site/Facility 4

II. Site/Facility Activity 4

III. Observations 4

IV. Records Review 5

V. Closing Conference..... 6

List of Attachments

- Attachment A: Photo Log
- Attachment B: Permit
- Attachment C: Infiltration Berm Map

I. Introduction

On July 13, 2022, an inspection team composed of staff from the U.S. Environmental Protection Agency (EPA) Region III (hereinafter, “EPA Inspection Team”) and representatives of the Pennsylvania Department of Environmental Protection (PA DEP) and Carbon County Conservation District (CCCD) met with Bob Coleman at the Lakeview Estates in Towamensing Pennsylvania. The development is approximately 40-acres with 24 lots to be developed. At the time of the inspection, most of the lots were constructed but approximately five had active construction on-going.

A. Inspection Opening Conference

The EPA Inspection Team arrived at the site at approximately 10:00 AM for the announced inspection. The EPA Inspection Team met several representatives of PA DEP, CCCD and representatives of Lakeview Estates. The EPA, PA DEP and CCCD representatives listed below were present at the onset of the inspection:

Table 1. EPA and DNREC Representatives

Name	Agency	E-mail
Peter Gold	EPA	Gold.peter@epa.gov
Michael Greenwald	EPA	Greenwald.michael@epa.gov
Sanya Anderson	PA DEP	Sanyanders@pa.gov
Luke Graver	PA DEP	Lugraver@pa.gov
Justin Dresch	PA DEP	Jdresch@pa.gov
Chris Storm	CCCD	Carbmgr@ptd.net

B. Weather and Precipitation Conditions

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

Table 2. Precipitation Data

Station Name	Date	Precipitation Amount (inches) ¹
Leighton 3.3 WSW, PA US US1PACB0018	07/08/2022	0.00
Leighton 3.3 WSW, PA US US1PACB0018	07/09/2022	Trace
Leighton 3.3 WSW, PA US US1PACB0018	07/10/2022	0.00
Leighton 3.3 WSW, PA US US1PACB0018	07/11/2022	0.00
Leighton 3.3 WSW, PA US US1PACB0018	07/12/2022	0.00
Leighton 3.3 WSW, PA US US1PACB0018	07/13/2022	Trace

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

C. Summary of the Site/Facility

The total area of the property is 40 acres according to discussions with development representatives. There were 24 lots in the development. Most have already been completed at the time of the inspection and approximately 5 parcels were actively being developed.

II. Site/Facility Activity

The property is a residential development in Towamensing Township, Carbon County Pennsylvania. There was construction activity at several lots during the inspection.

Photographs were taken by Michael Greenwald. The photographs for this report have been processed in order to assign to each photo the original camera-generated file name (e.g., IMAG0032). The camera-generated file name is used to identify each photo in the main narrative of this inspection report. Unused photos are digitally stored and maintained in the inspection file. Unused photos are available upon request.

III. Observations

The following section summarizes the EPA Inspection Team's observations relative to the inspection of the development. The facility is permitted under the NPDES program and there were both construction and post construction requirements included in the permit. Most of the lots were developed and construction was completed at the time of the inspection. The EPA Inspection Team looked at the controls in the active construction sites and the developed parcels. The EPA Inspection Team conducted the inspection from the shared roadway and did not traverse on any individual parcels.

Implementation of Stormwater Controls

Part C.3.a of the Permit states "Unless otherwise authorized by the Department or conservation district after consultation with the Department, earth disturbance activities shall be planned and implemented to the extent practicable in accordance with the following: (1) Minimize the extent and duration of earth disturbance. (2) Maximize protection of existing drainage features and vegetation. (3) Minimize soil compaction. (4) Utilize other measures or controls that prevent or minimize the generation of increased stormwater runoff."

Observation #1:

At the time of the inspection many of the active construction sites appeared to lack stormwater perimeter controls. Photographs P7130001, P7130002, P7130010, P7130030, P7130039 and P7130043 document the conditions observed during the inspection.

Implementation of Postconstruction Stormwater Controls

Part C.6.a of the permit states "The management of post construction stormwater shall be planned and conducted to the extent practicable in accordance with the following: (1) Preserve the integrity of stream channels and maintain and protect the physical, biological, and chemical qualities of the receiving stream. (2) Prevent an increase in the rate of stormwater runoff. (3) Minimize any increase in stormwater runoff volume. (4) Minimize impervious areas. (5)

Maximize the protection of existing drainage features and existing vegetation. (6) Minimize land clearing and grading.”

Observation #2:

At the time of the inspection, much of the drainage swale appeared to be unvegetated and unstabilized. Materials, potentially concrete washout were observed in the swale during the inspection. Photographs P7130010, P7130027, P7130049, P7130050, P7130051, P7130052, P7130064, P7130065 and P7130066 document the conditions observed during the inspection.

Infiltration Berms

Appendix A.2 of the permit states “Twenty-one (21) “Infiltration Berm” BMP’s have been proposed as part of the PCSM plan. Please be advised that these BMP’s shall be installed as part of individual lot development for all remaining parcels.”

Observation #3:

Justin Dresh of PA DEP provided the EPA Inspection Team with a map of the proposed Infiltration Berms (Attachment C). PA DEP and EPA representatives walked the site together looking for the Infiltration Berms during the inspection. Many of the Infiltration Berms were identified during the inspection. At the time of the inspection, the EPA Inspection Team was unable to verify Infiltration Berms at parcels 22 or 23. Photographs P7130014 and P7130019 document the parcels. The Infiltration Berm Map is included in Attachment C.

Reforestation

Appendix A.1 of the permit states “The proposed BMP “Re-Vegetate/Re-Forest Part 2” has been proposed as part of the OCSM plan and includes the planting of sixty-nine (69) deciduous trees on the project site. Please be advised that these trees shall be installed by the applicant no later than six (6) months from the date of issuance of this permit.”

Observation #4:

PA DEP and EPA representatives walked the site together looking for the 69 trees that were to be planted. The Inspection Team was informed by development representatives that these trees would be able to be identified by the stakes around them. Development representatives informed the Inspection Team that sometimes these trees were taken down with the development of new parcels. The Inspection Team was able to document tree plantings but was unable to verify at the time of inspection if all 69 trees had been planted.

IV. Records Review

The Inspection Team reviewed the permit and Infiltration Berm Map for this inspection.

V.Closing Conference

There was a closing conference held with the property owner where the preliminary observations of the inspection were discussed.