



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 1

5 POST OFFICE SQUARE, SUITE 100
BOSTON, MA 02109-3912

Date: *Dated as shown on electronic signature(s)*

Subj: Inspection Report
Clean Water Act - National Pollutant Discharge Elimination System
("NPDES")
Red Gold Farm, Marshfield, MA

From: Eleanor Horvath, Inspector

Thru: Karissa Oakes, Inspector

To: File

**ELEANOR
HORVATH** Digitally signed by
ELEANOR HORVATH
Date: 2024.08.29
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I. Facility Information

- A. *Facility Name:* Red Gold Farm
- B. *Facility Location:* Red Gold Farm Road
Marshfield, MA 02050
- C. *Facility Contacts:* Brian Sealund, Sealund Corporation (Developer)
Kevin Sealund, Sealund Corporation (Developer)
Rick Grady, Rick E. Grady Consulting (Engineers)
- D. *NPDES ID No(s):* NA

II. Background Information

- A. *Date(s) of inspection:* August 13, 2024
- B. *Weather Conditions:* Sunny, 75 degrees Fahrenheit
- C. *US EPA Representative(s):*
Eleanor Horvath
Karissa Oakes
- D. *State/Local Representative(s):*
Greg Guimond, Town of Marshfield Planner
Andrew Stewart, Town of Marshfield Building Commissioner
Craig Hannafin, Town of Marshfield Chair of Conservation Commission

E. Federally Enforceable Requirements Covered During the Inspection:
EPA 2022 Construction General Permit

F. Previous Enforcement Actions:
None

III. Type and Purpose of Inspection

Routine Compliance Evaluation

IV. Facility Description

The site includes approximately 12 acres being disturbed by construction activities and is located off Moraine Street in Marshfield, MA. It is being developed by Sealund Corporation into a residential community. The site is surrounded by bogs to the north, open space to the west and east, and low-density residential areas to the south. There are mapped wetlands across Moraine Street to the west of the site. The open space to the east also includes a pond and the Green Harbor River.

V. Inspection

Inspector Horvath called Mr. Kevin Sealund in the morning prior to the inspection at approximately 8:50 AM to request site access. Mr. Sealund granted access and said he would be on site to accompany EPA on the inspection. EPA arrived at the site at approximately 9:50 AM.

A. Opening Conference

Mr. Sealund met EPA onsite and introduced himself as the developer. Mr. Greg Guimond, Mr. Andrew Stewart, and Ms. Craig Hannafin of the Town of Marshfield were also present onsite, as was Mr. Rick Grady of Rick E. Grady Consulting.

The opening conference occurred on Red Gold Farm Road. Inspectors Horvath and Oakes presented their credentials and explained the purpose of the inspection and that EPA was present for a routine site visit, not due to a complaint.

B. Facility Tour

The group began the site tour by observing the two main detention basins onsite, one north of and one south of Red Gold Farm Road where the opening conference took place. Mr. Sealund explained that stormwater onsite initially flows into the southern detention basin, then into the northern one if enough accumulation occurs. He told EPA that all catch basins onsite to the east flowed into these detention basins. A small area near the entrance of the site along Moraine Street flows into rain gardens. EPA observed vegetated buffers and silt socks between the basins and nearby open space and bogs.

The group continued the tour by walking northeast along the perimeter of the site between the disturbed area and nearby cranberry bogs. There was a small undisturbed strip of trees, shrubs, and grasses between the disturbed area and the water bodies offsite, as well as silt socks.

Along the northern edge of the site, Mr. Sealund showed EPA the nearby water bodies, including large cranberry bogs, ponds, and the Green Harbor River. EPA observed that the ponds and river had fairly deep flowing water. The Green Harbor River led offsite to the north.

From the water bodies offsite, the group reentered the disturbed area through the vegetated buffer. On this pathway, EPA observed silt socks that were nearly topped with sediment. Site representatives told Inspector Oakes that they had replaced these erosion controls a number of times in the past. Onsite, EPA observed a small leach pit in the center of the eastern cul-de-sac of the development that was intended to catch a small amount of stormwater. The leach pit also had catch basins at an intentional height on the side that would flow into the aforementioned main detention basins should water rise that high.

The group continued walking along Red Gold Farm Road back to the west. EPA observed disturbed lots and stockpiles. Mr. Sealund explained that the developers broke ground approximately 1.5 years ago and that there would be a total of 22 houses onsite. Each property was being developed as it was sold, making the construction timeline difficult to predict. At the time of inspection, five were complete and occupied, and the rest were expected to be complete in the next couple of years.

The group walked past the two main detention basins, approaching the site entrance to the west. EPA observed a wetland to the south of the road that was connected to the bogs north of the road via a culvert and swale. The group continued walking west and observed the completed houses along Moraine Street as well as the two previously described rain gardens near the site entrance.

The group then returned to their vehicles and drove north offsite along the cranberry bogs to explore any connections to the Green Harbor River. EPA observed continuous flow all the way to the river's intersection with Webster Street, from where it flows to Green Harbor and the Atlantic Ocean. The site tour was concluded near the bogs and river to the north of the site.

C. Closing Conference

Inspector Horvath told the group that she would follow up with a copy of the inspection report within 60 days. EPA departed at approximately 11:10 AM.

Unless otherwise noted, this report describes conditions at the facility/property as observed by EPA inspector(s), and/or through records provided to and/or information

reported to EPA inspector(s) by facility representatives and as understood by the inspector(s). This report may not capture all operations or activities ongoing at the time of the inspection. This report does not make final determinations on potential areas of concern. Nothing in this report affects EPA's authorities under federal statutes and regulations to pursue further investigation or action.

VI. Inspection Photos

Photo Log Page	Image Descriptions
1	Stockpiles
2	River goes along tree line
3	Town owned land
4	Green harbor river
5	Green harbor river
6	Water comes out into river
7	Water draining from pond and bogs under road to river
8	Water draining from pond and bogs under road to river
9	Other leach pit
10	Leach pit by road
11	Other side of stream
12	Stream
13	Silt Socks
14	Next to basin 2
15	Detention basin 2
16	Stockpile
17	Active stockpiles
18	Stabilized stockpile
19	Overflow basin
20	Edge of site next to pond
21	view of pond
22	Silt sock with sediment buildup
23	Stormwater Divots
24	Along edge
25	Stream between pond and bogs
26	Pond
27	Pond
28	Stream from pond
29	Stream from pond
30	Stockpile
31	Cranberry bog
32	Detention basin