



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 1
5 POST OFFICE SQUARE, SUITE 100
BOSTON, MA 02109-3912

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Subj: Inspection Report
Clean Water Act - National Pollutant Discharge Elimination
System ("NPDES")
Blackstone Reserve

From: Andrew Spejewski, Inspector

Thru: Stephanie Tougas, Inspector

To: File

I. Facility Information

- A. Facility Name:* Blackstone Reserve
- B. Facility Location:* Blackstone Drive
61 Lane Road
Raymond, NH 03077
- C. Facility Contacts:* David Haddad
DJ Development
107 Windham Road,
Derry, NH 03038
david@djlandscaping.com
- D. NPDES ID No(s):* NHR1000MG

II. Background Information

- A. Date(s) of inspection:* September 8, 2021
- B. Weather Conditions:* dry
- C. US EPA Representative(s):* Andrew Spejewski

D. State/Local Representative(s): None

E. Federally Enforceable Requirements Covered During the Inspection: NPDES General Permit for Discharges from Construction Activities (2017 Construction General Permit)

F. Previous Enforcement Actions: None known

III. Type and Purpose of Inspection

Unannounced evaluation of compliance with the 2017 Construction General Permit

IV. Facility Description

The site is a residential development, lying west of Lane Road, covering about 60 house lots total. The main road of the development, Blackstone Drive, runs west uphill from Lane Road, then forms a loop with itself extending to the west. Two short dead-end spurs extend from the northwest corner of the loop, and to the south from the central point where Blackstone drive splits (making this a four-way intersection). A dirt road runs parallel and north of the north part of the loop road.

The loop is generally on top and on the north side of a hill; the terrain slopes down to the north slightly down to the west, and down to the east along the east part of Blackstone Drive. To the south, the terrain slopes slightly down in the central part of the site, and more steeply along the western part.

The road includes drains which lead to a basin adjacent to Lane Road, a pair of basins to the northwest (north of the spur road), and to a basin northeast of the loop (and northwest of the completed section); a very small basin is also southwest of the loop.

At the time of the inspection, the area from Lane Road up to the loop was completed, with occupied houses and the basin and all lawns with established grass. The spur to the south was mostly complete, with lawns that had just been hydroseeded. Houses along the north part of the loop were mostly complete or well under way, with houses on the south part either at the foundation stage or not yet started.

V. Inspection

Mr. Spejewski arrived at about 9:30 AM. After asking site workers for the superintendent, he eventually was met by Mr. Haddad.

A. Opening Conference

Mr. Spejewski explained the purpose of the inspection, presented his credentials, and provided a copy of the Small Business Resources Information Sheet.

Mr. Haddad said Mr. Spejewski could tour the facility unaccompanied, and then find Mr. Haddad for a closing conference. Mr. Haddad gave his cell phone number to contact him.

Mr. Spejewski agreed and received permission to take photographs during the tour. Mr. Spejewski then left to tour the site.

B. Facility Tour

The two basins to the northwest had well-established grass walls and vegetated floors. A dirt stockpile between the two basins was unstabilized (except for sparse weed growth; not enough to stabilize the slope); there was no sign of sediment carried off-site from the pile.

South of the basins, where the backyards of the houses met the dirt road running to the east, a drainage channel down toward the road showed some erosion with sediment deposits along the road; there was no sign of sediment carried through the adjoining woods.

The dirt road had no (or old and no longer effective) erosion controls on the downhill side (north), but only small amounts of sediment could be observed in the adjoining woods and it did not appear to have been transported beyond the woods.

The north-central basin was well-grassed with a forebay with water and dry main portion. No outlet pipe was observed; an emergency overflow to the north showed no staining or signs of regular water flow towards wetlands to the north.

In the main part of the site along the north part of the loop most houses were complete (or at least walls and ceiling up). Most lawns were bare dirt, but there were no signs of serious erosion or channeling.

To the east, a slope led down steeply behind the backyards of the houses. The slope was stabilized with rip-rap or grass. The eastern part of the southern border also sloped down steeply, with a rip-rap wall in place down to undisturbed woods. In one backyard, a large puddle/small basin was in place (Mr. Haddad later confirmed this was a temporary basin).

Minor sediment deposits were at the foot of the rip-rap wall; they did not appear to extend into the flat wooded terrain to the south.

In the center of the south edge, a few large stockpiles were in place along the border. In one spot, the stockpile spilled slightly over the silt fence along the south border of the site. The terrain to the south was at the level of the site, with undisturbed woods, and no sediment appeared to be traveling through the flat woods.

The loop to the south has been recently hydroseeded, including lawns and a slope along an access road to the west (south of the previous phase of the development).

C. Closing Conference

Mr. Spejewski called Mr. Haddad who said to meet him at his residence (in the completed first phase of the development). Mr. Spejewski met Mr. Haddad there. Mr.

Spejewski pointed out the unstabilized stockpiles and the erosion at the west end of the dirt road. Mr. Haddad said he would address them. Mr. Spejewski then thanked him for his time and left the site at about 10:45 AM

Picture List:

IMG_2383.JPG	Backyard, west of the loop, facing north
IMG_2384.JPG	Retaining wall, west of the loop to the north
IMG_2385.JPG	Facing north over retaining wall to west of spur
IMG_2386.JPG	Facing north and east over western northwest basin
IMG_2387.JPG	North wall of western northwest basin, facing east
IMG_2388.JPG	Facing south over area between northwest basins
IMG_2389.JPG	Facing east over eastern northwest basin
IMG_2390.JPG	Facing southwest to spur from northwest basin
IMG_2391.JPG	Facing south along east side of spur
IMG_2392.JPG	Facing south, from west end of dirt road
IMG_2393.JPG	Facing west to west end of dirt road
IMG_2394.JPG	Small previously cleared area north of dirt road
IMG_2395.JPG	Detail, edge of dirt road
IMG_2396.JPG	Facing east along dirt road
IMG_2397.JPG	North edge of dirt road
IMG_2398.JPG	Facing southeast, east end of dirt road
IMG_2399.JPG	North-central basin, facing north
IMG_2400.JPG	Northwest side of north-central basin
IMG_2401.JPG	House to northeast of loop
IMG_2402.JPG	Facing north to center of loop
IMG_2403.JPG	Facing north, from center of north part of loop
IMG_2404.JPG	Facing west, from center of loop
IMG_2405.JPG	Backyard, house due west of loop
IMG_2406.JPG	Facing south, backyard at southwest of loop
IMG_2407.JPG	Facing east over south edge of site from southwest of loop
IMG_2408.JPG	Facing east over backyards, southwest end of site
IMG_2409.JPG	North edge of site, north of loop
IMG_2410.JPG	Facing west along west end of north edge of site
IMG_2411.JPG	Facing east, stockpiles at north edge of site
IMG_2412.JPG	Facing west over stockpiles, north edge of site
IMG_2413.JPG	Stockpiles north edge of site
IMG_2414.JPG	Backyards, houses on south spur road
IMG_2415.JPG	House east of south spur road

END

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.