



Permit No.	Date	DIN
56-03	September 23, 2016	26759

RECEIVED
May 6, 2016
Solid Waste Section
Asheville Regional Office

May 6, 2016

ABF Project Number: ABF-14-1547

Mr. Patrick Kresnak
Corporate EHS Manager
IAC Group North America
28333 Telegraph Road
Southfield, MI 48034

RE: February 2016 Quarterly Inspection Report
Old Fort Landfill, Old Fort Township, McDowell County, North Carolina
Permit# 56-03

Dear Mr. Kresnak:

This Quarterly Landfill Inspection Report is being submitted for the Old Fort Landfill referenced as Permit # 56-03 for the quarterly inspection completed in February 2016. On February 3, 2016, Robert Nowakowski of ABF Environmental mobilized to the Old Fort Landfill and generally found the exterior and interior features to be in good condition, as described below.

Exterior Features

- The perimeter road “no trespassing” signs are present and legible, at 100 foot intervals, surrounding the landfill property along Parker-Padgett Road.
- The gate was found to be locked with no damage to its integrity.
- The access road was in good condition with minimal rutting.

Interior Features - Landfill Cap

- The Phase 1 Cap is heavily wooded. There is some minor erosion in the center of the cap. There are also a few downed trees to remove. It is planned on remedying this in the spring of 2016 just after new growth occurs.
- The Phase 2 and Phase 3 Caps are in good condition, with a very minor area of erosion between the two caps in center of dome. Both caps have good vegetation, which was found to be approximately 2 feet tall at the time of inspection. The repairs will be made to the erosional rutting and the grass will be cut in the summer of 2016.
- The perimeter ditch was found to be in good condition throughout its length. A few plastic bottles were removed from the western end.
- Three edge-of-waste signs were found to be missing. One on Phase I and two on Phase 2 caps. These were replaced in February 2016.

Landfill Structures

- All Grass-Lined Channels were found to be in good shape.
- Rip Rap Channels were found to be in good shape.
- All Detention Basins were found to be in good shape.
- All Permanent Diversions were found to be in good shape.
- All Outlet Stabilization Structures were found to be in good shape.
- All Inlet Protection Structures were found to be in good shape.
- All Rock Dams were found to be in good shape.
- All Edge of Waste signs are present.

Existing Monitoring Wells

- All five Monitoring Wells are present and in good condition
- All four Surface Water Sampling points are marked.

As indicated above, the only immediate remedial tasks are to make light surface repairs and revegetate a small area between Phase 2 and Phase 3 Caps, and complete a mowing event. This will be completed in the summer of 2016. The repairs to the Phase I Cap and tree removal from the surface of Phase I Cap will be completed in the summer of 2016. Refer to the attached Figures for the location of the pertinent landfill features along with the February 2016 Landfill Inspection Record included in the Tables. In addition, refer to Appendix A for the photographic record of the inspection. If you have any questions or comments, please do not hesitate to contact us at (248) 219-9228.

Sincerely,



Robert Nowakowski, CPG
Environmental Director

FIGURES



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 www.delorme.com

MN (6.8° W)

0 200 400 600 800 1000 ft
 Data Zoom 14-7

Property Lines Shown are Approximate

SITE LOCATION MAP
Figure 1

SOURCE: USGS Delorme 2008
 SCALE: 1" = 1,000 Feet Approx



CLIENT: IAC GROUP NA

SITE: OLD FORT LANDFILL

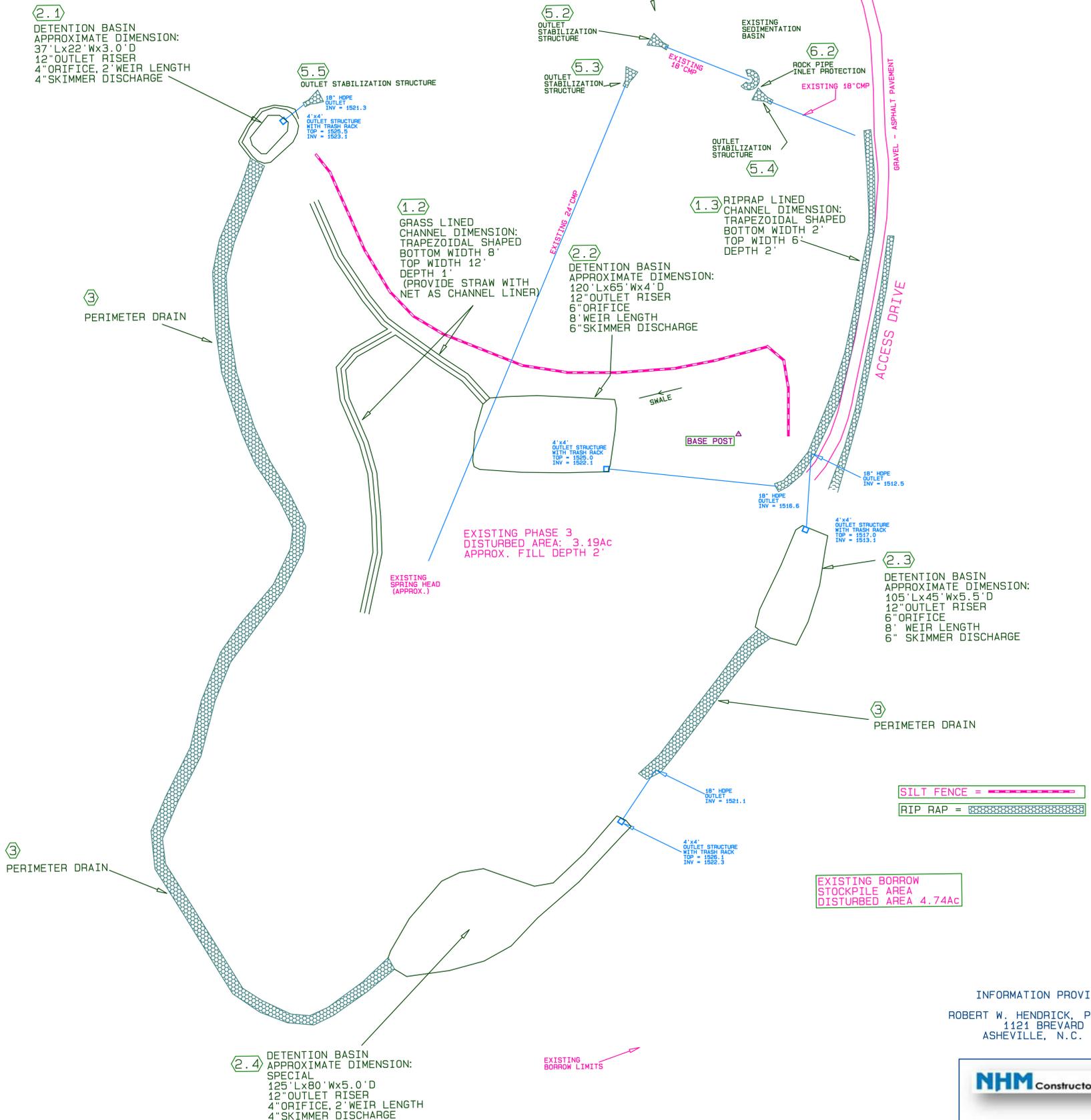


SOIL EROSION & SEDIMENT CONTROL OF OLD FORT LANDFILL

OWNER: IAC GROUP NORTH AMERICA
 1240 PARKER PADGETT RD.
 OLD FORT,
 MCDOWELL COUNTY,
 NORTH CAROLINA

SCALE 1"=50'
 0 50 100 150
 DATE: MAY 12, 2014

I, ROBERT W. HENDRICK, STATE THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION; FROM AN ACTUAL GPS SURVEY MADE UNDER MY SUPERVISION; THAT THIS GPS SURVEY WAS PERFORMED TO THIRD ORDER CLASS II, FGCC SPECIFICATIONS, REAL-TIME KINEMATIC GPS FIELD PROCEDURES WERE USE, AND COORDINATES WERE OBTAINED BY TRIMBLE SC990 LOCALIZATIONS ADJUSTMENT. THAT THIS SURVEY WAS PERFORMED ON MAY 12, 2014, USING TRIMBLE SPS852 AND SPS882 RECEIVERS, AND ALL COORDINATES ARE BASE ON A LOCALIZED COORDINATE SYSTEM.



INFORMATION PROVIDED BY:
 ROBERT W. HENDRICK, PLS (L-3825)
 1121 BREVARD RD.
 ASHEVILLE, N.C. 28816



TABLES

WEATHER
34° clear skies

Table 1 - Landfill Inspection Record - IAC Industrial Landfill

Date: (MM/DD/YY) Feb 3, 2016 Day: (Circle) S M T **W** T F S

Inspected By: (print name) Robert Nowakowski Signature: *[Signature]*

SECTION 1 - INSPECTION OF ACCESS ROADS

	Pass	Corrective Action Required (describe below)
Gates	<u>✓</u>	_____
Road Surface	<u>✓</u>	_____
Ditches	<u>✓</u>	_____

Corrective Action: NA

Comments: NA

Table 1 - Landfill Inspection Record - IAC Industrial Landfill

SECTION 2 - INSPECTION OF VEGETATED AREAS (PHASES 2 and 3)

	Pass	Corrective Action Required (describe below)
Slope Stability	✓	_____
Vegetation	✓	_____
Erosion	✓	_____
Ditches	✓	_____

Corrective Action: NA

Comments: NA

Table 1 - Landfill Inspection Record - IAC Industrial Landfill

SECTION 3 - INSPECTION OF CLOSURE FEATURES (Phase 2 and 3)

	Pass	Corrective Action Required (describe below)
1.1 Phase 2 Grass Lined Channel	✓	_____
1.2 Phase 3 Grass Lined Channel	✓	_____
1.3 North Rip Rap channel	✓	_____
2.1 Phase 2 Detention Basin	✓	_____
2.2 Phase 3 Detention Basin	✓	_____
2.3 North Channel Detention Basin	✓	_____
2.4 Detention Basin	✓	_____
3.0 Perimeter Drain	✓	_____
4.1 Phase 2 Permanent Diversion	✓	_____
4.2 Phase 3 Permanent Diversion	✓	_____
5.1 Outlet Stabilization Structure	✓	_____
5.2 Outlet Stabilization Structure	✓	_____
5.3 Outlet Stabilization Structure	✓	_____
5.4 Outlet Stabilization Structure	✓	_____
5.5 Outlet Stabilization Structure	✓	_____
6.1 Rock Pipe Inlet Projection	✓	_____
6.2 Rock Pipe Inlet Projection	✓	_____
6.3 Rock Pipe Inlet Projection	✓	_____
7.1 Rock Dam	✓	_____
7.2 Rock Dam	✓	_____
7.3 All Edge of Waste Signs	✗	replaced 2 signs

Table 1 - Landfill Inspection Record - IAC Industrial Landfill

SECTION 3 - INSPECTION OF CLOSURE FEATURES (Phase 2 and 3)

Corrective Action:

Replaced 2 signs on cell 2

Comments: 2 signs were missing from posts on
cell 2.

Table 1 - Landfill Inspection Record - IAC Industrial Landfill

SECTION 4 - INSPECTION OF PHASE 1 CELL

	Pass	Corrective Action Required (describe below)
Perimeter Road	✓	_____
Edge of Waste Signs	X	_____ ✓
Cap Slope Stability	✓	_____
Cap Integrity	✓	_____
Vegetation overgrowth	✓	_____
Trees to remove (dead or compromised)	_____	_____ ✓
Perimeter Drainage	_____	_____
Drainage Basin	_____	_____

Corrective Action:

1) replaced one sign missing on cell 1
 2) A dozen dead trees on top of cell 1

Comments: Will be cut up in June, but not removed

APPENDIX A
PHOTOGRAPHIC RECORD



Photo A – View of landfill looking northeast



Photo B – Typical Edge-Of-Waste signage around landfill



Photo C – View of Detention Basin 2.1 with outlet structure 5.5



Photo D – View of Detention Basin 2.3