



December 30, 2008

Mr. Norman Allen
City of Lockport
Municipal Building
Engineering Department
One Locks Plaza
Lockport, New York 14094

Re: Lockport Landfill
Regular Site Inspection Report
S&W No. 71136

Dear Mr. Allen:

Stearns & Wheeler, LLC is pleased to submit two (2) copies of our revised Regular Site Inspection Report for the Lockport Landfill. This report presents the results of the completed inspection dated October 6, 2008.

A copy of this report has been forwarded to the NYSDEC. If you have any questions, please feel free to call.

Sincerely,

STEARNS & WHEELER, LLC

David Rowlinson
Project Manager

DR/snb

Enclosure

cc: Mr. Brian Sadowski, NYSDEC

REGULAR SITE INSPECTION REPORT

FOR

**OCTOBER 6, 2008
(YEAR TWELVE)**

**THE LOCKPORT CITY LANDFILL
NYSDEC SITE NO. 9-32-010**

Prepared For:

**CITY OF LOCKPORT, NEW YORK
DEPARTMENT OF PUBLIC WORKS**

Prepared By:

**STEARNS & WHEELER, LLC
ENVIRONMENTAL ENGINEERS AND SCIENTISTS
UNIVERSITY CENTRE, SUITE 100
415 NORTH FRENCH ROAD
AMHERST, NEW YORK 14228**

DECEMBER 2008

PROJECT NO. 71136

SECTION 1 - INTRODUCTION

The Lockport City Landfill site is located on Oakhurst Street in the City of Lockport, Niagara County, New York. The landfill has been assigned the site registry number 9-32-010 and is the subject of this report.

The Remedial Action Design for the site included a Long-Term Monitoring Plan and Operation and Maintenance Plan that were approved by the NYSDEC in March 1994. The purpose of the Long-Term Monitoring Plan is to provide information to evaluate and monitor the long-term effectiveness of the remedial work. The Operation and Maintenance Plan includes regular site inspections and analytical testing to identify any potential problems at the landfill that are not being adequately addressed by routine maintenance, and to document the current condition of the landfill. A site plan of the Lockport City Landfill is presented in Figure 1. The purpose of this report is to present the findings of the 12th regular site inspection conducted at the Lockport City Landfill on October 6th, 2008. This is the second monitoring event of the first contract between Stearns & Wheler, LLC and the City of Lockport.

SECTION 2 - REGULAR SITE INSPECTION

The following personnel attended a regular site inspection of the Lockport City Landfill:

- Norman Allen, City of Lockport Department of Public Works
- Paul Lemley, City of Lockport Department of Public Works
- Brian Sadowski, New York State Department of Environmental Conservation
- Brian Doyle, Stearns & Wheler, LLC

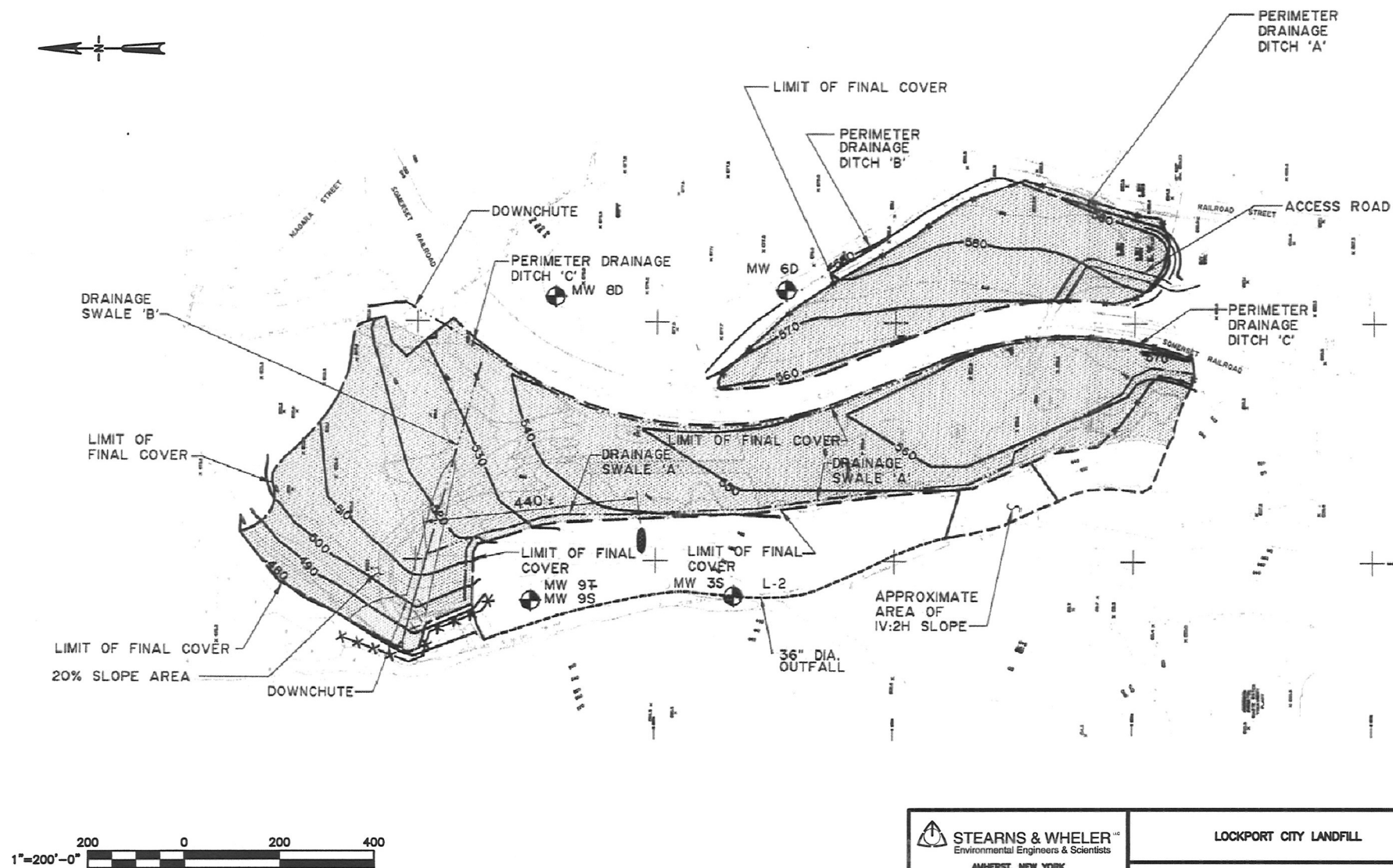
The completed Inspection Log Sheets for the October site inspection is presented in Attachment A. The following is a summary of items that were observed during the site inspection:

- **Landfill Cap** - Overall, the cap was in good condition with vegetation well established. The vehicle crossing over the railroad track was repaired with the addition of 1-to 2 tons of stone, allowing better access to the western portion of the landfill for the mowing equipment. The landfill was mowed approximately 1 to 2 weeks prior to landfill inspection.

- **Perimeter Ditch “A”** - Vegetation is well established and no erosion had occurred during the October 2008 site inspection.
- **Perimeter Ditch “B”** - Vegetation is well established and no erosion had occurred during the October 2008 site inspection.
- **Drainage Swale “A”**- As discussed in previous inspection reports, there is a portion of Drainage Swale “A” berm running along the western edge of the landfill cap that has slumped down the west face of the landfill. As reported in 2006, the City of Lockport placed additional rip-rap on the west side of the earthen berm in the area of the slump. Additional 1 to 2 tons of stone was placed to stabilize the berm. The City of Lockport will monitor the area for any further slumping. Sapling trees removed.
- **Drainage Swale “B”** - Cover material was missing and ruts about two inches deep were present at the mid-point of the swale where trespassing ATVs and motorcycles had entered the landfill as reported in 2006. The cover of this area has improved with no visible rutting, due to a decrease in ATV traffic. Vegetation is well established and no erosion noted during the October 2008 site inspection.
- **Perimeter Drainage Ditch “C”** - Minor wear from vehicle tire tracks were observed as was observed in the 2007 inspection at the northeast corner of Drainage Ditch C. The City of Lockport will monitor this area. If minor wear becomes a more frequented area for ATV traffic, then the City will repair areas as required. Vegetation is well established and no erosion noted. Gas vent near Drainage Ditch C repaired.
- **Down chute** - Heavy growth was present in the downchute and apron areas. The City of Lockport removed sapling trees. The City will monitor the heavy vegetation growth and if required will cut back growth further.
- **Vegetative Cover** - General cover is well established, some areas are heavy growth which have been cut back by removing the woody vegetation.
- **Final Cover Layers (Settlement, etc)** - No standing water or settlement was observed on final cover layers.

- **Steep Slope Areas (West of final cover)** - Trees and grasses present on slope areas.
- **Landfill Gas Vents** - Gas vent near Drainage Ditch C repaired. All other landfill gas vents were intact during the October 2008 site inspection.
- **Fence** - Fence and vehicle gates in good condition during the October 2008 site inspection.
- **Monitoring Wells** - New locks installed on Monitoring wells 9S, 9I, & 3S.

21.12.2007 BRIAN DOYLE
J:\70000\71136\10 DRAWINGS\GEN SITE PLAN.DWG



STEARNS & WHEELER
Environmental Engineers & Scientists
AMHERST, NEW YORK
DATE: 12/08 JOB No.: 71136

LOCKPORT CITY LANDFILL

**FIGURE 1
SITE PLAN**

ATTACHMENT A**LOCKPORT CITY LANDFILL - POST CLOSURE
NYSDEC SITE NO. 932010****ANNUAL INSPECTION LOG SHEET**

Date: 10/06/2008 Inspector: Brian P. Doyle
Weather: Clear Signature: _____
Temperature: 60° F Company: Stearns & Wheler, LLC

Item Inspected	Comments	Inspector's Initials
Perimeter Ditch A	Vegetation is well established and no erosion noted.	BPD
Perimeter Ditch B	Vegetation is well established and no erosion noted.	BPD
Perimeter Ditch C	Vegetation is well established and no erosion noted. Gas vent near Ditch C repaired. Evidence of trespassing vehicles at Ditch C	BPD
Swale A	Pull riprap back and compacted to prevent further slumping. Added approximately 1-2 tons of stone. Minor wear due to ATV usage in area. Sapling trees removed. Sapling trees removed and placed along side Drainage Swale A.	BPD
Swale B	Vegetation is well established and no erosion noted.	BPD
Down chute & Apron	Vegetation is well established and no erosion noted. Sapling trees removed. Monitor of heavy vegetation growth and prevent woody growth along down chutes needs to be inspected next year.	BPD
Vegetative Cover	Sapling trees removed and placed along the side of drainage swale A.	BPD
Final Cover Layers (Settlement, etc.)	No standing water was observed on final cover layers.	BPD
Steep Slope Areas (West of final cover)	Trees and grasses present on slope areas.	BPD
Gas Vents	Gas vents were intact and in good condition. Gas vent near Ditch C repaired.	BPD
Fence	Fence and vehicle gates in good condition.	BPD
Other Items: Railroad Vehicle Crossing	ATV tracks present; Stone added at RR tracks for mower access. Sapling trees removed.	BPD
Other Items: Monitoring Wells	New locks installed on Monitoring wells 9S, 9I, & 3S.	BPD