



**STEARNS & WHEELER<sup>LLC</sup>**  
Environmental Engineers & Scientists

December 7, 2007

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

**RECEIVED**

DEC 11 2007

687 NYSDEC REG 9  
FOIL  
REL UNREL

Dear Mr. Allen:

Stearns & Wheeler, LLC is pleased to submit two (2) copies of our Regular Site Inspection Report for the Lockport Landfill. This report presents the results of the completed inspection dated October 10, 2007.

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*

David Rowlinson  
Project Manager

DR/tld

Enclosure

cc: Mr. Brian Sadowski, NYSDEC

**REGULAR SITE INSPECTION REPORT**

**FOR**

**OCTOBER 10, 2007  
(YEAR ELEVEN)**

**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 2007**

**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. The purpose of this report is to present the findings of the eleventh regular site inspection conducted at the Lockport City Landfill on October 10<sup>th</sup>, 2007. This is the first 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 has been replaced, allowing access to the western portion of the landfill. The landfill was mowed recently once access was allowed to the west side of the landfill.

- **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. Approximately 1-2 feet of additional slumping has occurred since then, more stone will be put down to stabilize the berm and the City of Lockport will monitor the area for any further slumping.
- **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.
- **Perimeter Drainage Ditch "C"** – Minor wear from a pair of vehicle tire tracks were also observed at the northeast corner of Drainage Swale C. The City of Lockport will monitor this area and repair areas on either side of the drainage swale as needed. There were seedlings present, which should be removed in the near future.
- **Downchute** – Heavy growth and woody vegetation was present in the downchute and apron areas. The City of Lockport will use a herbicide to discourage vegetation growth. No ATV or motorcycle ruts were present along the downchute.
- **Landfill Gas Vents** – All landfill gas vents were intact during the October 2007 site inspection.

## ATTACHEMENT A

LOCKPORT CITY LANDFILL - POST CLOSURE  
NYSDEC SITE NO. 932010

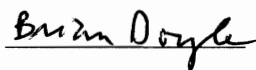
## ANNUAL INSPECTION LOG SHEET

Date: October 10, 2007

Inspector: Brian P. Doyle

Weather: Overcast

Signature:



Temperature: 59 ° F

Company: Stearns &amp; Wheeler, LLC

| Item Inspected                          | Maintenance Needed (Y/N) | Comments  | Inspector's Initials |
|---|--------------------------|---|----------------------|
| Perimeter Ditch A                       | N                        | Vegetation is well established and no erosion noted.  | BPD                  |
| Perimeter Ditch B                       | N                        | Vegetation is well established and no erosion noted.  | BPD                  |
| Perimeter Ditch C                       | N                        | Vegetation is well established and no erosion noted. Minor wear from trespassing vehicles crossing in one area. Saplings to be removed.     | BPD                  |
| Swale A                                 | Y                        | Additional slumping noted in an area where riprap was placed to correct previous slumping. Sapling trees removed and placed along the side. | BPD                  |
| Swale B                                 | N                        | Vegetation is well established and no erosion noted.  | BPD                  |
| Downchute & Apron                       | Y                        | Heavy growth/woody vegetation present in the downchute.   | BPD                  |
| Vegetative Cover                        | N                        | Sapling trees removed and placed along the side of drainage swale A.  | BPD                  |
| Final Cover Layers (Settlement, etc.)   | N                        | No standing water was observed on final cover layers.   | BPD                  |
| Steep Slope Areas (West of final cover) | N                        | Trees and grasses present on slope areas.   | BPD                  |
| Gas Vents                               | N                        | Gas vents were intact and in good condition.  | BPD                  |
| Fence                                   | N                        | Fence and vehicle gates in good condition.  | BPD                  |
| Other Items:<br>Railroad Vehicle        | N                        | Scaffles removed from railroad to allow access to the west portion of the landfill.   | BPD                  |
| Other Items:<br>Monitoring Wells        | Y                        | Monitoring wells 9S, 9I, & 3S need new locks.   | BPD                  |