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November 22, 2006

Mr. Norman Allen, Assistant City Engineer
Department of Public Works
City of Lockport
Lockport Municipal Building
One Locks Plaza
Lockport, New York 14094

**Re: Lockport City Landfill
Regular Site Inspection Report**

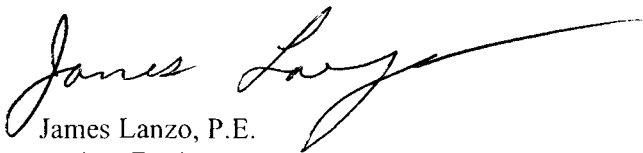
Dear Mr. Allen:

URS Corporation (URS) is pleased to submit two (2) copies of our regular site inspection report regarding the above-mentioned facility for your information and use. A copy has been forwarded to the NYS Department of Environmental Conservation. The report presents the findings of the regular site inspection conducted at the Lockport Landfill on October 19, 2006. This inspection (year 10) was the sixth inspection of this Regular Site Inspections contract.

If you have any questions or if you require additional information, please contact us.

Sincerely,

URS Corporation


James Lanzo, P.E.
Project Engineer

Enclosure

cc: B. Sadowski, NYSDEC
S. McCone, URS
File: 11172751 (R-1)

**REGULAR SITE INSPECTION REPORT
(YEAR TEN)**

FOR

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

Prepared For:

**CITY OF LOCKPORT
DEPARTMENT OF PUBLIC WORKS**

Prepared by:

**URS CORPORATION
77 GOODELL STREET
BUFFALO, NEW YORK 14203**

NOVEMBER 2006

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 (O&M) Plan that were approved by the New York State Department of Environmental Conservation (NYSDEC) in March 1994. The purpose of the Long-Term Monitoring Plan is to provide information necessary to evaluate and monitor the long-term effectiveness of the remedial work completed. The O&M Plan includes regular site inspections and 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 tenth regular site inspection conducted at the Lockport City Landfill on October 19, 2006. Inspections for years one to five (1997 through 2001) were conducted under a previous contract between URS and the City of Lockport while the inspection for years six through ten are being conducted under this contract.

REGULAR SITE INSPECTION

In accordance with the O&M Plan, a regular site inspection was conducted at the Lockport City Landfill on October 19, 2006. The following personnel attended the site inspection:

- Norman Allen, City of Lockport Department of Public Works
- Brian Sadowski, New York State Department of Environmental Conservation
- Scott McCone, URS Corporation

Attachment A is the completed Inspection Log Sheet for the October regular site inspection. The following is a summary of the items that were observed during the site inspection.

- **Landfill Cap** - Overall, the cap was in good condition with vegetation well established. Due to the removal of the vehicle crossing over the railroad track earlier in 2006, only the eastern portion of the landfill had been mowed in 2006. Seedlings were noted growing on the western portion of the cap in several areas. It is important that these seedlings be removed by mid-spring 2007. The City of Lockport will contact the contractor that removed the vehicle crossing and will determine if and when they plan to replace the vehicle crossing. The City of Lockport, which stated that an organization had expressed an interest in planting wild flowers on the landfill cap, will allow the planting of wild flowers in bare areas of the cap to reduce erosion if the planting procedures do not compromise the integrity of the cap.

- **Drainage Swale "A"** - As discussed in the November 2004, May 2005, and November 2005 inspection reports, there were two portions of the Drainage Swale "A" berm running along the western edge of the landfill cap that have slumped down the west face of the landfill. The City of Lockport had placed two-inch stone outboard of the 20-meter long slope section and the 15-meter long slope section of the perimeter earthen berm to stabilize the areas. To prevent storm water from collecting in these areas, the City of Lockport had excavated trenches through the perimeter berm and had filled the trenches with gravel to divert the storm water down the bank. Additional slumping of approximately six inches was noted in the 15-meter long slope section. The City of Lockport will place additional rip-rap on the west side of the earthen berm in the area of the slump to stabilize the berm and will monitor the area for any further slumping.

- **Drainage Swale "B"** – Cover material (e.g. grass) 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. The City of Lockport will monitor these and repair as needed by placing additional gravel over bare areas and/or re-seeding.

- **Perimeter Drainage Ditch "C"** - Minor wear from a pair of vehicle tire tracks were also observed at the northeast corner of Drainage Swale C. Ruts, about two to three inches deep, were present and vegetation was flattened with a few hand-sized bare areas developing. The City of Lockport will install a section of pipe in the drainage swale and

cover the pipe with gravel to prevent additional rutting and subsequent erosion. The City of Lockport will monitor this area and repair areas on either side of the drainage swale as needed by re-seeding.

- **Downchute** – Dense/high vegetation and a few small trees had reestablished themselves in the down chute. No change in the condition of the ATV and motorcycle ruts south of the downchute leading from The Gulf at an entry point by MW-9I up the landfill, as noted in prior inspection reports. The City of Lockport will use a herbicide to eliminate the vegetation, will continue to monitor the downchute, and will re-apply herbicide when needed to discourage vegetation growth. The City of Lockport will consider ways to discourage trespassing vehicles and will monitor and repair any resulting cap damage.
- **Landfill Gas Vents** - The City of Lockport had placed plastic stick-with-flagging on some of the landfill gas vents so they can be seen during mowing. All landfill gas vents were intact during the October 2006 site inspection.
- During the Fall 2000 inspection, the NYSDEC agreed that beginning in 2001 the City of Lockport would conduct the spring site inspection and issue a report on the condition of the landfill. The NYSDEC will attend a fall site inspection conducted jointly with the City of Lockport. The next City of Lockport landfill joint inspection is scheduled for Fall 2007.

ATTACHMENT A

LOCKPORT CITY LANDFILL - POST CLOSURE NYSDEC SITE NO. 932010

FALL INSPECTION LOG SHEET

Date: October 19, 2006 **Inspector:** Scott W. McCone, CHMM/QEP.
Weather: Rain **Signature:** _____
Temperature: 53° F **Company:** URS Corporation

Item Inspected	Maintenance Needed (Y/N)	Comments	Inspector's Initials
Perimeter Ditch A	N	Vegetation is well established and no erosion noted.	SWM
Perimeter Ditch B	N	Vegetation is well established and no erosion was noted.	SWM
Perimeter Ditch C	Y	Vegetation is well established and no erosion was noted in most areas. Minor wear from trespassing vehicles crossing in one area.	SWM
Swale A	Y	Additional slumping noted in an area where previous slumping had been noted.	SWM
Swale B	N	Minor wear from trespassing vehicles crossing in one area.	SWM
Downchute and Apron	Y	Heavy growth/woody vegetation present in the downchute.	SWM
Vegetative Cover	Y	Some rutting with minor erosion. Seedlings established on the west portion of landfill need to be removed as soon as possible.	SWM
Final Cover Layers (Settlement, etc.)	N	No standing water was observed on final cover layers.	SWM
Steep Slope Areas (West of final cover)	N	Trees and grasses present on slope areas.	SWM
Gas Vents	N	Gas vents were intact and in good condition.	SWM
Fence	N	Fence and vehicle gates were in good condition.	SWM
Other Items: Railroad Vehicle Crossing	Y	Vehicle crossing over the railroad tracks had been removed preventing the mowing on the west portion of the landfill.	SWM
Other Items: Monitoring Wells	N	Monitoring wells are generally in good condition	SWM