



**New York State Department of
Environmental Conservation**

Site Number 7-54-012

**Tioga Casting Site Quarterly
Report**

Second Quarter 2012

January 2013



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Report**

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Site Number 7-54-012

Prepared for:
New York State Department of
Environmental Conservation

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1. Introduction

The New York State Department of Environmental Conservation (NYSDEC) has issued a Work Assignment (# D004443-8) to Malcolm Pirnie, Inc (Malcolm Pirnie), for Operation, Maintenance, and Monitoring at the Tioga Castings Site (NYSDEC site number 7-54-012) in New York State. Malcolm Pirnie has prepared this Quarterly Report in accordance with the NYSDEC-approved Site Management Plan (SMP) to summarize second quarter 2012 operation and maintenance (O&M) activities.

2. Site Description

The Tioga Castings site is located on Foundry Street, Owego, Broome County, New York. The former foundry buildings have been razed, leaving the concrete slabs in-place. A capped, closed landfill is present at the western end of the site. In August 2011, the boundaries of the site (originally encompassing approximately seven acres) were reduced by the NYSDEC to only include the approximately one acre landfill (Figure 2-1).

3. Operation and Maintenance

Operation and Maintenance (O&M) activities were performed on April 24, 2012 in accordance with the NYSDEC-approved SMP. A Post Closure O&M Checklist (Appendix A) was used to document the current status of the landfill, including security and landfill cap maintenance and repairs. The next O&M event is scheduled to be performed during the fourth quarter 2012.

3.1 Landfill Security

The landfill perimeter fence, entry gate, and locks were inspected for proper operation and signs of deterioration. As indicated in the O&M Checklist, no problems were observed with the integrity of these components. In addition, the Foundry Street entry gate warning sign was in place and in acceptable condition.

3.2 Landfill Cap Maintenance

A visual inspection of the landfill cap was performed to assess the landfill for burrowing rodents, erosion, woody vegetation, and settlement. As shown in the O&M Checklist (Appendix A), no burrowing rodent holes were observed in the landfill.

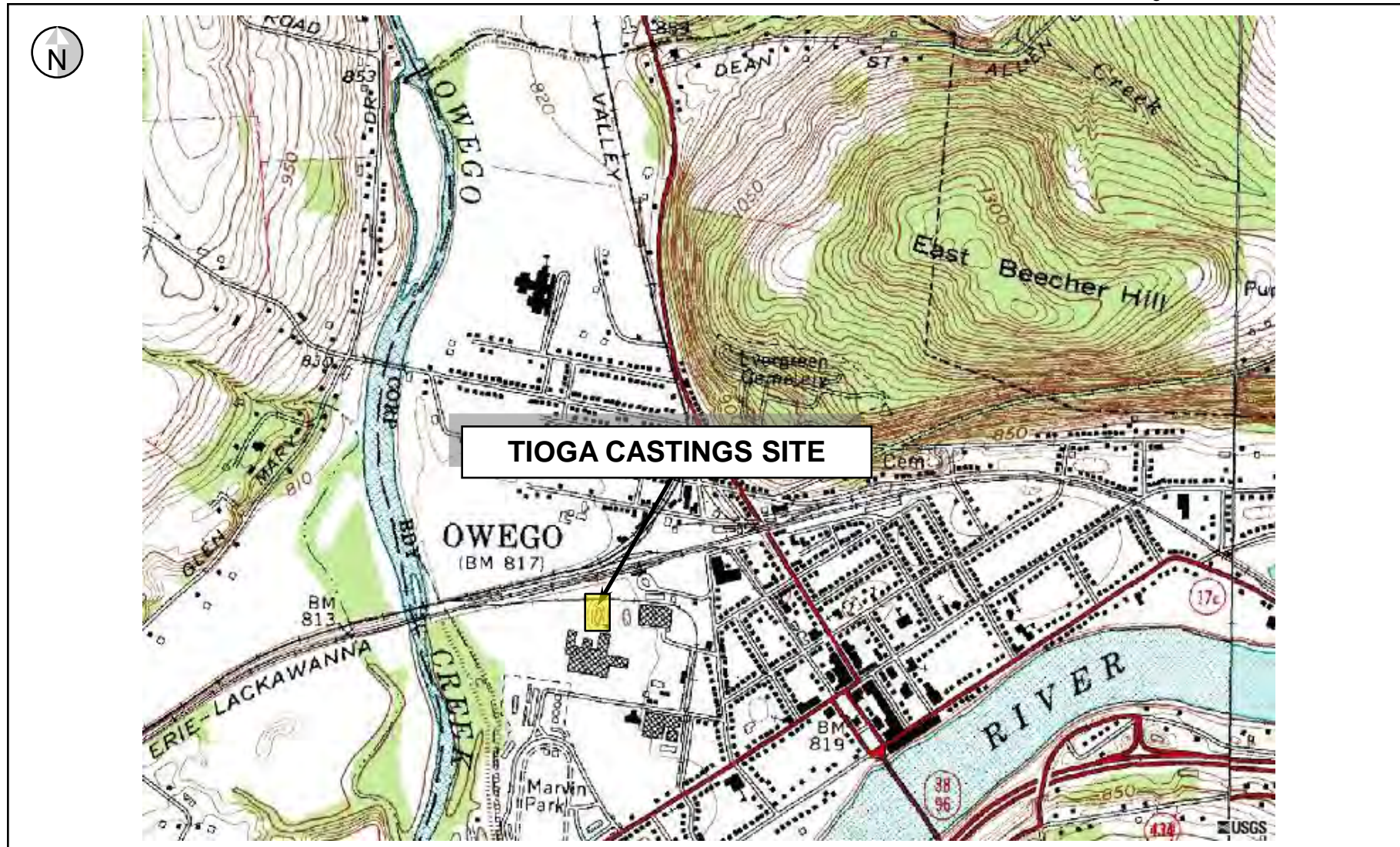
The condition of the landfill cap was in acceptable condition. However, as indicated in the O&M checklist, vegetation in the area of the landfill repairs completed in March 2012 is sparse but shows signs of growth.

As indicated in the Tioga Castings Site Quarterly Report - First Quarter 2012 (Malcolm Pirnie, 2012), all woody vegetation was removed from the inside of the landfill perimeter fence during the first quarter 2012.

4. Recommendations

No recommendations are suggested at this time.

0 2,000 ft



Source: USGS 7.5-minute Series Topographic Quadrangle, OWEGO (1990).

Appendix A

Post-Closure Operation and
Maintenance Checklist

TIOGA CASTINGS SITE LANDFILL
Post-Closure Operation and Maintenance Checklist

Inspected by: Jeremy Wyckoff

Date: 4/24/2012 Time: 15:00

Weather Conditions: Cloudy ~70 degrees F.

LANDFILL COVER SYSTEM

Erosion	<u> </u>	YES	<u> X </u>	NO
Holes or Cracks in Cover	<u> </u>	YES	<u> X </u>	NO
Cap Settlement	<u> </u>	YES	<u> X </u>	NO
Ponded Water or Wet Areas	<u> </u>	YES	<u> X </u>	NO
Burrowing Rodents	<u> </u>	YES	<u> X </u>	NO
Sparse Vegetation/Bare Soil	<u> X </u>	YES	<u> </u>	NO
Brush or Other Woody Vegetation,	<u> </u>	YES	<u> X </u>	NO
Excessive Weeds in Grass	<u> </u>	YES	<u> X </u>	NO
Grass Mowed	<u> </u>	YES	<u> X </u>	NO

DRAINAGE DITCHES

Erosion	<u> </u>	YES	<u> X </u>	NO
Obstructions	<u> </u>	YES	<u> X </u>	NO
Sediment Accumulation	<u> </u>	YES	<u> X </u>	NO
Evidence of Surcharging	<u> </u>	YES	<u> X </u>	NO
Presence of Brush	<u> </u>	YES	<u> X </u>	NO

Comments: Area of landfill cap repair has sparse vegetation. Grass is growing. Should fill in fine.

No burrowing rodent activity observed.

