

## **FIELD INVESTIGATION REPORT**

**Site Name:** Nash Road Landfill, Town of Wheatfield  
Nash Road, North Tonawanda, NY 14120

**Date of Visit:** April 14th, 2016

**Site Contact Name and Title:** Robert Cliffe – Supervisor Town of Wheatfield

**NYSDEC Staff:** Kevin Glaser - NYSDEC Construction Inspector  
Kenneth Martin – NYSDEC Environmental Radiation Specialist 1

### **Purpose/history:**

To determine if radioactive materials with a gamma signature are present on the site. Material in landfill is from unknown sources. The Region 9 Remediation Engineer requested a scoping survey to determine if the area was potentially contaminated with radiological material at or near the surface.

### **Survey Meter Utilized:**

Ludlum Meter 2241 with a 2 x 2 Sodium Iodide Probe 44-10.

Calibration Date: 2/01/16

Instrument response check was performed before leaving office. Meter response was within control chart tolerances.

### **Site Visit Details:**

Arrived at site at 11AM. Temperature 50 F and sunny.

NYSDEC personnel walked about quarter mile to landfill along stone access road on the south side of property. Landfill is covered with overgrowth including trees, phragmites and standing water. Due to the large amount of standing water, readings could only be taken along mounded and dry areas. Site is approximately 400 feet by 1000 feet.

### **Results:**

A gamma walkover of the site was performed along with 16 static readings including a background location. The site was walked using a rough grid format, starting in the southwest corner, walking north and south. Finishing in the middle on the east side.

**Location****Results in Counts per Minute (CPM)**

**Background** off-site at gas line next to access rd. 6,700

**Gamma walk over of site** (range) 5,000 to 7,000

**One (1) minute scaler readings:** From South to North and West to East

1. SW corner	6,500
2. Middle West side	6,000
3. NW corner	5,600
4. North side	5,600
5. South edge	5,800
6. Midpoint second transit	5,500
7. N edge third transit	4,900
8. N edge forth transit	5,900
9. Middle	4,200
10. South edge	5,200
11. S edge fifth transit	4,800
12. Middle	5,000
13. North	6,200
14. Middle	6,400
15. Middle east side	5,800

***Anomalies***

No anomalies were encountered.

**Conclusions:**

All readings were at or near background. The site has significant standing water which prevented a more comprehensive radiological survey.

Lead ERS: Kenneth Martin

Date of Report: 06/30/16

Reviewer: Thomas Papura

Date of Approval: 07/01/16

**Attachments (4):**

Typical Mounded area of Nash Road Landfill





Standing water next to access road





Typical overgrowth on site





Typical area of phragmites on site

