



**McMahon
& Mann**
Consulting Engineers, P.C.

RECEIVED

JAN 23 2018

NYSDEC
REGION 6-UTICA

2495 Main Street, Suite 432, Buffalo, NY 14214

Donald R. McMahon, P.E.
Michael J. Mann, P.E.
Kenneth L. Fishman, PhD., P.E.
James Bojarski, P.E.
Shawn W. Logan, P.E.
Andrew J. Nichols, P.E.
Todd Swackhamer, P.E.
James J. Janora, P.G.
Susanne J.M. George, P.E.
Andrew J. Klettke, P.E.
Kaitlyn M. Murray, P.E.

January 15, 2018
File: 95-033

Mr. Gregg Townsend
Regional Engineer
New York State Department of Environmental Conservation
Region 6 Headquarters
317 Washington Street
Watertown, New York 13601-3787

RE: Mohawk Valley Landfill
Facility No. 22S03
2017 Annual Report

Dear Mr. Townsend:

McMahon & Mann Consulting Engineers, P.C., on behalf of Waste Management of New York, LLC (WMNY), has prepared the 2017 Annual Report for the Mohawk Valley Landfill for your review and approval.

The closure, inspection, maintenance, and environmental monitoring programs are discussed below.

CLOSURE PROGRAM

- The landfill ceased accepting waste on March 31, 1992.
- Final cover installation was completed from 1989 to 1993.
- New York State Department of Environmental Conservation (NYSDEC) Certification of Closure was issued on January 15, 1995.

INSPECTION PROGRAM

Site inspections were conducted by a third party contractor (Smith's Excavating of Holland Patent, NY) in coordination with WMNY's Closed Site Management Group (Mr. Mark DeVine). Site inspections were completed on a quarterly basis. The quarterly Inspection Forms are attached.

RECEIVED
NYSDEC

JAN 18 2018

Environmental Quality
Region 6

Items under the closed landfill inspection included:

Access Control – Access is controlled by a 6-foot high fence across the front of the facility. Portions of the fence were identified as requiring maintenance (see Maintenance Program below).

Vegetation – As of October 1993, the entire 29-acre landfill was capped per the NYSDEC approved closure plan. The cover was mowed this year.

Erosion – Erosion was observed along the perimeter access roads and across the perimeter berms requiring maintenance (see Maintenance Program below).

Cracking – No cracking of the landfill cover was observed.

Seepage – No leachate seeps were observed.

Slope Stability – No slope failures were observed.

Disturbance Due to Adverse Weather Events – No noticeable disturbances from weather related events were observed.

Subsidence/Settlement – No sinkholes or unusual settlement were observed.

Leachate/Groundwater Collection – Excess vegetation and piping was observed around the leachate and groundwater tank areas requiring maintenance (see Maintenance Program below).

Groundwater Monitoring System – All wells were accessible and secure.

Run-off Control System – Stormwater ponds were functioning properly. Excess vegetation and brush was observed in the perimeter ditches requiring maintenance (see Maintenance Program below). A 30-foot section of culvert pipe was observed to have collapsed requiring maintenance (see Figure 1 for location and Maintenance Program below for more details).

Benchmarks – Original benchmarks for the site are intact.

MAINTENANCE PROGRAM

Condition of Cover – Final cover was placed on the 29-acre landfill from 1989 through 1993 in accordance with the NYSDEC approved Closure Plan and the NYSDEC Part 360 regulations. The 2017 inspection reports note that the cover is in good condition, and the vegetation was mowed.

Erosion – The perimeter berms which showed erosion were repaired in the fall of 2017. The perimeter access roads where erosion was observed were regraded with new stone in the fall of 2017.

RECEIVED

JAN 23 2018

NYSDEC
REGION 6-UTICA

Run-off Control – All surface water drainage systems have been installed in compliance with the above-mentioned closure plan. The riser pipes that outlet the stormwater ponds were replaced in 2015 and are functioning well. Excess vegetation was cleared out from the perimeter ditches in the fall of 2017. The collapsed portion of the culvert (see Figure 1) was repaired in the fall of 2017.

Leachate/Groundwater Collection – The constructed wetland treatment system (CWTS) continues to treat the collected leachate and is sampled monthly, as per the State Pollutant Discharge Elimination System (SPDES) discharge permit and submitted under separate cover. Table 1 includes CWTS volumes that were discharged to the Mohawk River. Maintenance work including grubbing and cleaning around the leachate and groundwater tanks was performed in the fall of 2017. The tops of the leachate and groundwater tanks were resealed to prevent surface water from entering the tanks. Additional informational signs were added near the leachate tanks.

The facility requested that cleaning of the leachate collection system be eliminated. The NYSDEC granted the request and notified WMNY to modify its closure plan to reflect the update. The Closure Plan dated July 1991 was updated and submitted to the NYSDEC on November 17, 2017. The updated Closure Plan reflects that the leachate collection system be inspected on an annual basis and if accumulation of biological growth or excessive sediment is observed the system will be cleaned.

Groundwater Monitoring – Groundwater monitoring wells MW04AA, MW04BB, MW07A, MW07B, MW10B, MW10C, MW12A, MW12C, MW13AA, MW13B, and MW14 were inspected quarterly in 2017. All wells were accessible and secure.

Surveying – The last topographic survey of the landfill was completed on April 16, 2002.

Access Control – Access to the site has been strictly limited to post-closure activities and is only available through the Southside Road entrance. Sections of the perimeter fence were repaired and the fence curtain was fixed. WMNY is evaluating the need to replace the entire perimeter fence in 2018.

ENVIRONMENTAL MONITORING PROGRAM

Analytical testing was continued during 2017 on samples collected from the groundwater monitoring wells, surface water, stormwater ponds, and leachate sampling locations in the spring and the fall. A 2017 Annual Analytical Testing Data Report was prepared and submitted to Mr. Vincent K. Fay (NYSDEC Albany), dated December 13, 2017. The groundwater monitoring locations are shown on Figure 1.

Gas monitoring probes were monitored quarterly in 2017. Gas monitoring results for 2017 did not indicate any off-site gas migration. Table 2 provides a summary of the gas monitoring results for 2017. The gas probe locations are shown on Figure 1.

RECEIVED

Should you have any questions or require additional information, please call.

Sincerely yours,

McMAHON & MANN CONSULTING ENGINEERS, P.C.



Kaitlyn M. Murray, P.E.



Shawn W. Logan, P.E.

Enc. Figure
Tables 1 and 2
Inspection Reports

cc: Vincent K. Fay (NYSDEC Albany)
Mark P. DeVine (WMNY) (PDF via Email)

RECEIVED

JAN 23 2018

NYSDEC
REGION 6-UTICA

FIGURE

RECEIVED











JAN 23 2018

NYSDEC
REGION 6-UTICA

SO4

MW07A
MW07B

LEGEND

-  EXISTING GROUND CONTOURS (SEE NOTE 1)
-  PROPERTY LINE
-  LEACHATE COLLECTION PIPE, FLOW DIRECTION, MANHOLE DESIGNATION AND LOCATION
-  GROUNDWATER COLLECTION PIPE, FLOW DIRECTION, MANHOLE AND LOCATION
-  EXISTING BUILDING
-  EXISTING POND
-  MW-14 MONITORING WELL DESIGNATION AND LOCATION
-  SO4 SURFACE WATER MONITORING POINT DESIGNATION AND APPROXIMATE LOCATION
-  D01 GROUNDWATER TANK DESIGNATION AND APPROXIMATE LOCATION
-  GP12 GAS PROBE LOCATION AND DESIGNATION

NOTES:

1. Existing contours based on the following references:

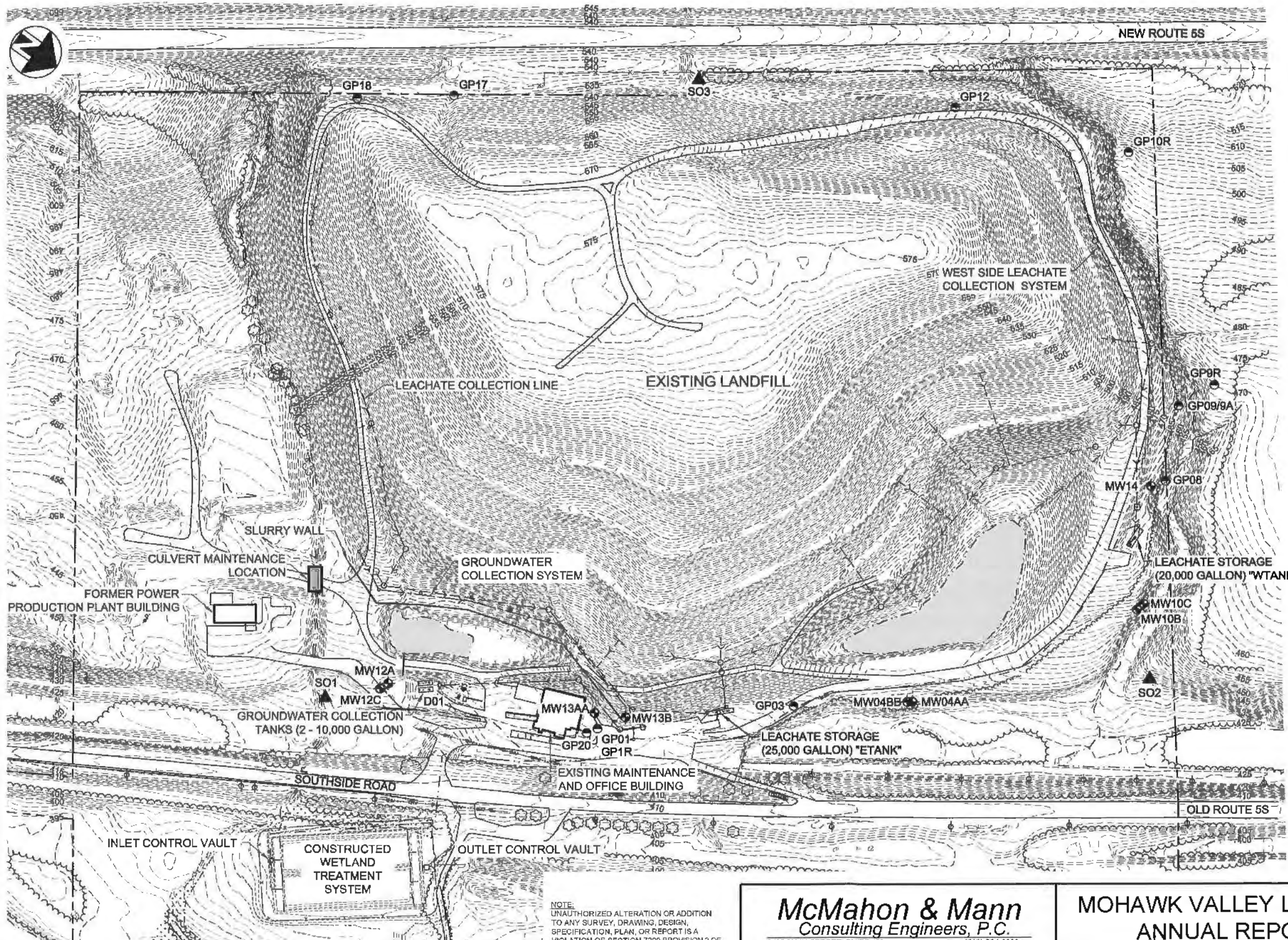
- a) Aerial photography completed by Air Survey Corp. dated April 16, 2002.
- b) Ground survey completed by Myers & Associates, P.C. dated April 30, 2008.
- c) Constructed wetland treatment system transfer pipe and Ground survey completed by Marcy Excavation Services, LLC dated July 24, 2012.

RECEIVED

JAN 23 2018

NYSDEC
REGION 6-UTICA

200' 0 100' 200'
SCALE: 1" = 200'



NOTE:
UNAUTHORIZED ALTERATION OR ADDITION
TO ANY SURVEY, DRAWING, DESIGN,
SPECIFICATION, PLAN, OR REPORT IS A
VIOLATION OF SECTION 7209 PROVISION 2 OF
THE NEW YORK STATE EDUCATION LAW.

McMahon & Mann
Consulting Engineers, P.C.

2495 MAIN STREET, SUITE 432 (716) 834-8932
BUFFALO, NY 14214 FAX: (716) 834-8934

MOHAWK VALLEY LANDFILL
ANNUAL REPORT

HERKIMER COUNTY NEW YORK

SITE PLAN AND ENVIRONMENTAL
SAMPLING LOCATIONS

DWG. NO. 95033-103a

FIGURE 1

JANUARY 2018

TABLES 1 AND 2

RECEIVED

JAN 23 2018

NYSDEC
REGION 6-UTICA

RECEIVED

JAN 23 2018

NYSDEC
REGION 6-UTICA

Table 1
Mohawk Valley Landfill
2017 Monthly Leachate Volume Summary

Month	Hauled to POTW ⁽¹⁾				POTW	Discharged to Mohawk River ⁽²⁾	Monthly Totals
	GDS ⁽³⁾	ETANK ⁽³⁾	WTANK ⁽³⁾	CWTS ⁽³⁾	Total Hauled	CWTS ⁽³⁾	
	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)	(Gallons)	
January	0	0	0	0	0	177,666	177,666
February	0	0	0	0	0	153,772	153,772
March	0	0	0	0	0	192,972	192,972
April	0	0	0	0	0	286,451	286,451
May	0	0	0	0	0	224,627	224,627
June	0	0	0	0	0	191,315	191,315
July	0	0	0	0	0	215,170	215,170
August	0	0	0	0	0	118,814	118,814
September	0	0	0	0	0	53,907	53,907
October	0	0	0	0	0	119,324	119,324
November	0	0	0	0	0	166,287	166,287
December	0	0	0	0	0	132,672	132,672
2017 Totals	0	0	0	0	0	2,032,977	2,032,977

Notes:

1. Monthly volumes hauled to POTW supplied by Herkimer County Sewer District Wastewater Treatment Plant
2. Monthly volumes discharged from the CWTS to the Mohawk River based on SPDES Monthly Discharge Monitoring Reports prepared by WMNY.
3. GDS = Groundwater dewatering system (designated D01 in the laboratory analytical reports)
 ETANK = East leachate collection system storage tank
 WTANK = West leachate collection system storage tank
 CWTS = Constructed wetland treatment system outlet structure
 POTW = Herkimer County Sewer District Wastewater Treatment Plant

Table 2
Mohawk Valley Landfill
2017 Gas Monitoring Probe Results

Gas Probe Designation	3/30/2017 ⁽¹⁾	6/6/2017 ⁽¹⁾	9/29/2017 ⁽¹⁾	11/22/2017 ⁽¹⁾
	(% Methane)	(% Methane)	(% Methane)	(% Methane)
GP01 ⁽²⁾	0	0	0	0
GP1R	0	0	0	0
GP03	0	0	0	0
GP08	0	0	0	0
GP09	0	0	0	0
GP9A	0	0	0	0
GP9R	0	0	0	0
GP10R	0	0	0	0
GP12	0	0	0	0
GP17	0	0	0	0
GP18	0	0	0	0
GP20	0	0	0	0
Gas Plant	0	0	0	0
Shop/Office	0	0	0	0

- Notes: 1. Gas Probe results obtained from Mr. Jim Smith (third party contractor).
2. In their letter dated April 27, 2011, NYSDEC approved the proposed gas monitoring modifications as described in MMCE's letter dated August 6, 2010, but requested that WMNY continue to monitor GP01 for information only.

RECEIVED
JAN 23 2018
NYSDEC
REGION 6-UTICA

INSPECTION REPORTS

RECEIVED

JAN 23 2018

**NYSDEC
REGION 6-UTICA**

Mohawk Valley Landfill
 Rd #2, Box 38a, Old Rte 5a
 Frankfort, New York 13340
 Closed Landfill Environmental Inspection Form

Date 3-30-2017 Temp 45 Inspector Jim Smith
 Weather Conditions Overcast

Y N NA

SECURITY & ACCESS

- | | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| 1) Access controlled by perimeter fencing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2) "No Trespassing" signs posted? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3) No evidence of trespassing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

COVER & VEGETATION

- | | | | |
|---|-------------------------------------|--------------------------|--------------------------|
| 4) Final cover in acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5) Top/side slope acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6) Good drainage, minimal erosion? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7) Acceptable vegetation (quality & density)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8) No exposed waste? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

DRAINAGE

- | | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| 9) Appropriate runoff controls in place? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10) Slope drains in acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11) Perimeter ditches in acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12) Retention ponds in acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13) Outlet structures in acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14) Facility is void of standing water? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

LEACHATE & GAS CONTROL SYSTEMS

- | | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| 15) Collection manholes secure & acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16) Riser & cleanouts secure & acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17) Approved leachate management plan? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18) Storage tanks in acceptable condition & operating in compliance with requirements? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 19) Gas wells secure and in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20) No odor migration off site? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21) No gas migration off site? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 22) Probes/detection system calibrated and good working condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

COMMENTS

- Item # #1 wooden fence needs repair in two areas
- Item # #13 ditches need cleaning and remove brush
- Item # #16 leachate tanks area with brush and piping, risers covers need bolts
- Item # Roadway erosion

RECEIVED

Mohawk Valley Landfill
 Rd #2, Box 38a, Old Rte 5a
 Frankfort, New York 13340
 Closed Landfill Environmental Inspection Form

Date 6-6-2017 Temp 55 Inspector Jim Smith
 Weather Conditions Overcast- rain

Y N NA

SECURITY & ACCESS

- | | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| 1) Access controlled by perimeter fencing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2) "No Trespassing" signs posted? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3) No evidence of trespassing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

COVER & VEGETATION

- | | | | |
|---|-------------------------------------|--------------------------|--------------------------|
| 4) Final cover in acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5) Top/side slope acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6) Good drainage, minimal erosion? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7) Acceptable vegetation (quality & density)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8) No exposed waste? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

DRAINAGE

- | | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| 9) Appropriate runoff controls in place? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10) Slope drains in acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11) Perimeter ditches in acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12) Retention ponds in acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13) Outlet structures in acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14) Facility is void of standing water? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

LEACHATE & GAS CONTROL SYSTEMS

- | | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| 15) Collection manholes secure & acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16) Riser & cleanouts secure & acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17) Approved leachate management plan? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18) Storage tanks in acceptable condition & operating in compliance with requirements? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 19) Gas wells secure and in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20) No odor migration off site? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21) No gas migration off site? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 22) Probes/detection system calibrated and good working condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

COMMENTS

- Item # #1 wooden fence needs repair in two areas
- #13 ditches need cleaning and remove brush
- Item # #16 leachate tanks area with brush and piping, risers covers need bolts
- Item # Roadway erosion

RECEIVED

Mohawk Valley Landfill
 Rd #2, Box 38a, Old Rte 5a
 Frankfort, New York 13340
 Closed Landfill Environmental Inspection Form

Date 9-29-2017 Temp 63 Inspector Jim Smith
 Weather Conditions sunny

Y N NA

SECURITY & ACCESS

- | | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| 1) Access controlled by perimeter fencing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2) "No Trespassing" signs posted? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3) No evidence of trespassing? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

COVER & VEGETATION

- | | | | |
|---|-------------------------------------|--------------------------|--------------------------|
| 4) Final cover in acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5) Top/side slope acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6) Good drainage, minimal erosion? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7) Acceptable vegetation (quality & density)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8) No exposed waste? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

DRAINAGE

- | | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| 9) Appropriate runoff controls in place? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10) Slope drains in acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11) Perimeter ditches in acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12) Retention ponds in acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13) Outlet structures in acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14) Facility is void of standing water? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

LEACHATE & GAS CONTROL SYSTEMS

- | | | | |
|--|-------------------------------------|--------------------------|--------------------------|
| 15) Collection manholes secure & acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16) Riser & cleanouts secure & acceptable condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17) Approved leachate management plan? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18) Storage tanks in acceptable condition & operating in compliance with requirements? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 19) Gas wells secure and in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20) No odor migration off site? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21) No gas migration off site? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 22) Probes/detection system calibrated and good working condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

COMMENTS

Item # #1 wooden fence needs repair in two areas

Item # _____

Item # _____

RECEIVED

NYSDEC
 REGION 6-UTICA

Mohawk Valley Landfill
 Rd #2, Box 38a, Old Rte 5a
 Frankfort, New York 13340
 Closed Landfill Environmental Inspection Form

Date 11-22-2017 Temp 47 Inspector Jim Smith
 Weather Conditions sunny

Y N NA

SECURITY & ACCESS

- 1) Access controlled by perimeter fencing?
- 2) "No Trespassing" signs posted?
- 3) No evidence of trespassing?

COVER & VEGETATION

- 4) Final cover in acceptable condition?
- 5) Top/side slope acceptable condition?
- 6) Good drainage, minimal erosion?
- 7) Acceptable vegetation (quality & density)?
- 8) No exposed waste?

DRAINAGE

- 9) Appropriate runoff controls in place?
- 10) Slope drains in acceptable condition?
- 11) Perimeter ditches in acceptable condition?
- 12) Retention ponds in acceptable condition?
- 13) Outlet structures in acceptable condition?
- 14) Facility is void of standing water?

LEACHATE & GAS CONTROL SYSTEMS

- 15) Collection manholes secure & acceptable condition?
- 16) Riser & cleanouts secure & acceptable condition?
- 17) Approved leachate management plan?
- 18) Storage tanks in acceptable condition & operating in compliance with requirements?
- 19) Gas wells secure and in good condition?
- 20) No odor migration off site?
- 21) No gas migration off site?
- 22) Probes/detection system calibrated and good working condition?

COMMENTS

Item # #1 wooden fence needs repair in two areas

Item # _____

Item # _____

