

Federal Operating Permit Program (40 CFR Part 71)
6-MONTH MONITORING REPORT (SIXMON)

Section A (General Information)

Permit No. 24-003-01471

Reporting Period: Beg. : 01 / 01 / 2021 End. 06 / 30 / 2021

Source / Company Name Northeast Maryland Waste Disposal Authority

Mailing Address:

Street or P.O. Box 100 S. Charles St., Tower II, Ste 402

City Baltimore State MD ZIP 21201 - 2705

Contact person Andrew Kays Title Deputy Director

Telephone (410) 333 - 2730 Ext. _____

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Section B (Monitoring Report)

Summarize all required monitoring, data, or analyses required by the permit for the reporting period. Describe and cross-reference the permit term and list the emission units (Unit IDs) where the monitoring was performed. Indicate whether a separate monitoring report is required, and if required, enter the date submitted. If submitted for the first time as an attachment to this form, assign an attachment ID, mark the attachment with that ID, and attach the report to this form.

Monitoring, Data, or Analysis (describe and cite): Section IV.1.1.D (2)

Facility demonstrates compliance with 25 tons/yr NOx emission limit by annual testing, quarterly monitoring and monthly calculations. Annual stack testing was most recently performed in October and November 2020 (test report is dated December 16, 2020).

Emission Units (Unit IDs): EU-1

Separate Report? Yes No Date 12 / 16 / 2020 Attachment ID _____

Monitoring, Data, or Analysis (describe and cite): Section IV.1.2.A

Facility performs emission testing for CO, NOx, and VOC at least every 8,760 engine operating hours. Report for October and November 2020 test events was submitted to regulatory agency (report dated December 16, 2020).

Emission Units (Unit IDs): EU-1

Separate Report? Yes No Date 12 / 16 / 2020 Attachment ID _____

Monitoring, Data, or Analysis (describe and cite): Section IV.1.3.A

Generator electricity output (kW) is continuously monitored. Engine run hours are continuously monitored using non-resettable hour meters.

Emission Units (Unit IDs): EU-1

Separate Report? Yes No Date ___ / ___ / _____ Attachment ID _____

Monitoring, Data, or Analysis (describe and cite): Section IV.1.3.B

Fuel use (landfill gas) is continuously monitored using a meter and recorded daily. Engine startup / shutdown records are maintained on-site.

Emission Units (Unit IDs): EU-1

Separate Report? Yes No Date ___ / ___ / _____ Attachment ID _____

Monitoring, Data, or Analysis (describe and cite): Section IV.1.3.C

Engine operating data (as described in permit conditions 1.3.A and B) are recorded to demonstrate proper operation of the engines.

Emission Units (Unit IDs): EU-1

Separate Report? Yes No Date ___ / ___ / _____ Attachment ID _____

Section B (Monitoring Report)

Summarize all required monitoring, data, or analyses required by the permit for the reporting period. Describe and cross-reference the permit term and list the emission units (Unit IDs) where the monitoring was performed. Indicate whether a separate monitoring report is required, and if required, enter the date submitted. If submitted for the first time as an attachment to this form, assign an attachment ID, mark the attachment with that ID, and attach the report to this form.

<p>Monitoring, Data, or Analysis (describe and cite): Section IV.1.3.D (2) Engine exhaust gas NOx concentration is monitored quarterly using a hand-held instrument. Records are maintained at the facility.</p> <p>Emission Units (Unit IDs): EU-1</p> <p>Separate Report? ___ Yes <input checked="" type="checkbox"/> No Date ___/___/___ Attachment ID _____</p>
<p>Monitoring, Data, or Analysis (describe and cite): Section IV.1.4.A Maintenance records for each engine and annual emission test reports are maintained on file at the facility to demonstrate compliance with the SI-RICE NSPS (40 CFR Part 60 Subpart JJJJ).</p> <p>Emission Units (Unit IDs): EU-1</p> <p>Separate Report? ___ Yes <input checked="" type="checkbox"/> No Date ___/___/___ Attachment ID _____</p>
<p>Monitoring, Data, or Analysis (describe and cite): Section IV.1.4.B Fuel use is monitored continuously and daily total is recorded. Only one fuel is used at the facility, therefore, there is one fuel meter for the facility. Annual report is submitted by January 30 of each year.</p> <p>Emission Units (Unit IDs): EU-1</p> <p>Separate Report? <input checked="" type="checkbox"/> Yes ___ No Date ___/___/___ Attachment ID _____</p>
<p>Monitoring, Data, or Analysis (describe and cite): Section IV.1.4.C Visible emission incidents and corrective actions are recorded (none for this reporting period).</p> <p>Emission Units (Unit IDs): EU-1</p> <p>Separate Report? ___ Yes <input checked="" type="checkbox"/> No Date ___/___/___ Attachment ID _____</p>
<p>Monitoring, Data, or Analysis (describe and cite):</p> <p>Emission Units (Unit IDs):</p> <p>Separate Report? ___ Yes ___ No Date ___/___/___ Attachment ID _____</p>

Section C (Deviations Already “Promptly” Reported)

Summarize all deviations from permit terms already reported on form **PDR** during the reporting period. Copy this page as many times as necessary to include all such deviations. Describe and cross-reference the permit terms and report the start and end dates and times of the deviations (mo/day/yr, hr:min). Use the 24-hour clock. Also specify the date when the written deviation report was submitted to the permitting authority (If written report required, but not submitted, leave the date field blank). Note that failure to submit a deviation report, or late submittal, is a deviation that must be reported in the Section D.

<p>Permit Term for Which There was a Deviation:</p> <p>Emission Units (unit IDs):</p> <p>Deviation Start ____/____/____ ____:____ End: ____/____/____ ____:____</p> <p>Date Written Report Submitted ____/____/____</p>
<p>Permit Term for Which There was a Deviation:</p> <p>Emission Units (unit IDs):</p> <p>Deviation Start ____/____/____ ____:____ End: ____/____/____ ____:____</p> <p>Date Written Report Submitted ____/____/____</p>
<p>Permit Term for Which There was a Deviation:</p> <p>Emission Units (unit IDs):</p> <p>Deviation Start ____/____/____ ____:____ End: ____/____/____ ____:____</p> <p>Date Written Report Submitted ____/____/____</p>
<p>Permit Term for Which There was a Deviation:</p> <p>Emission Units (unit IDs):</p> <p>Deviation Start ____/____/____ ____:____ End: ____/____/____ ____:____</p> <p>Date Written Report Submitted ____/____/____</p>

Section D (Deviations Reported Semiannually)

This section is for deviations reported for the first time in this six-month monitoring report. Describe and cross-reference the permit terms and emission units that apply to the deviation. Copy this page as many times as necessary to include all such deviations. Report the beginning and ending times (mo/day/yr, hr:min) for each deviation. Use the 24-hour clock. Briefly explain (if known) the probable cause of each deviation. If any corrective actions or preventative measures have been taken to avoid these in the future, briefly describe the measures, including when they occurred.

<p>Permit Term (for Which There is a Deviation):</p> <p>Emission Units (unit IDs)</p> <p>Deviation Start: ____/____/____ ____:____ End: ____/____/____ ____:____</p> <p>Probable Cause of Deviation:</p> <p>Corrective Actions or Preventative Measures Taken:</p>
<p>Permit Term (for Which There is a Deviation):</p> <p>Emission Units (unit IDs)</p> <p>Deviation Start: ____/____/____ ____:____ End: ____/____/____ ____:____</p> <p>Probable Cause of Deviation:</p> <p>Corrective Actions or Preventative Measures Taken:</p>
<p>Permit Term (for Which There is a Deviation):</p> <p>Emission Units (unit IDs)</p> <p>Deviation Start: ____/____/____ ____:____ End: ____/____/____ ____:____</p> <p>Probable Cause of Deviation:</p> <p>Corrective Actions or Preventative Measures Taken:</p>