



510-430-8509
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February 10, 2023

Ventura County Air Pollution Control District
4567 Telephone Road
Second Floor
Ventura, California 93003
(805) 303-4005

**SUBJECT: ANNUAL TITLE V COMPLIANCE CERTIFICATION, SIMI VALLEY
LANDFILL AND RECYCLING CENTER, SIMI VALLEY, CALIFORNIA**

To Whom It May Concern:

Waste Management hereby provides the Ventura County Air Pollution Control District (VCAPCD) with one copy of the Annual Title V Compliance Certification Report for the Simi Valley Landfill and Recycling Center in Simi Valley, California. Copies of this document has also been sent to the Air Division at the U.S. Environmental Protection Agency (USEPA) Region IX.

The annual Title V compliance certification was developed for the reporting period from January 1, 2022 through December 31, 2022. The reports satisfy the requirements under the site's Title V permit, the VCAPCD Rule 74.17.1, the NSPS for municipal solid waste landfills (40 Code of Federal Regulations [CFR] Part 60, Subpart WWW), and the previous National Emission Standard for Hazardous Air Pollutants (NESHAPs) for municipal solid waste landfills (40 CFR Part 63, previous Subpart AAAA).

If you have any questions or need any additional information, please contact the undersigned at (510) 714-6098, or Mr. Dustin Colyar at (805) 864-0984.

Sincerely,

A handwritten signature in black ink that reads "Collin Pavelchik".

Collin Pavelchik
EP Air Quality Specialist
Waste Management

Enclosures:

Title V Annual Compliance Certification

cc: Administrator of Air Division; USEPA Region IX (w/enclosures)
Christian Colline; Waste Management (w/enclosures)

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Dustin Colyar; Waste Management (w/enclosures)

Jayna Morgan; Waste Management (w/enclosures)

Mark Grady; Waste Management (w/enclosures)

Matthew Darr; Waste Management (w/enclosures)



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION SIGNATURE COVER FORM

TV Permit # 01395

A copy of each Annual Compliance Certification shall be submitted to EPA, Region 9, at the following address:

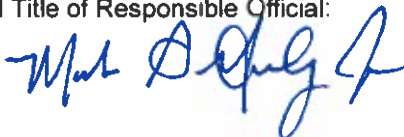
Ms. Roshni Brahmbhatt
Enforcement & Compliance Enforcement Division
EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105

Confidentiality

All information in a Part 70 permit compliance certification is public information. The Part 70 permit is also public information.

Certification by Responsible Official

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this compliance certification are true, accurate, and complete.

Signature and Title of Responsible Official:  Title: <u>SR. DISTRICT MANAGER</u>	Date: <u>02/14/2023</u>
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Time Period Covered by Compliance Certification <u>01</u> / <u>01</u> / <u>22</u> (MM/DD/YY) to <u>12</u> / <u>31</u> / <u>22</u> (MM/DD/YY)



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 22 (MM/DD/YY) to 12 / 31 / 22 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: <u>74.6</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Cold cleaner - Free board ratio compliance</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: The landfill used a remote reservoir cold cleaner (RRCC) and was exempt from the annual measurement and verification requirements as specified in Condition 8 of Attachment 74.6. The RRCC onsite complies with the drain hole and free board height requirements as specified in Rule 74.6.C.1. The site replaced the RRCC with a new cold cleaner that utilizes a low reactive organic compounds (ROC) content solvent with a ROC content of 25 grams per liter or less during 2004. The new cold cleaner is exempt from the new Rule 74.6.E.1, effective on 7/1/04.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.9N7</u></p>	<p>D. Frequency of monitoring: Emergency</p>
<p>B. Description: The engine shall only be operated during an emergency or during maintenance operation of not more than 50 hours per calendar year.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Emergency Standby Generator Use Log provided in Appendix A.</p>
<p>C. Method of monitoring: The site is in compliance with the applicable requirement listed above, upon reviewing of the emergency engine hours of operation log (Date, time, duration, and reason for emergency operation). The engine was operated for a total of 31.1 hours during the reporting period (31.1 hours for use during a power outage).</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>ATCM Engine N2</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: The District is required to implement and enforce the state Airborne Toxic Control Measure for stationary compression Ignition Engines that apply to in-use emergency standby stationary diesel-fueled IC engines according to Section 93115, Title 17.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Emergency Standby Generator Use Log provided in Appendix A.</p>
<p>C. Method of monitoring: The site is in compliance with the applicable requirement listed above which states the emergency engine shall only be operated during maintenance and testing of not more than 20 hours per calendar year. Upon reviewing of the emergency engine hours of operation log (date, time, duration, and reason for emergency operation), the engine only operated for maintenance and testing for 0.00 hrs during the reporting year.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: <u>74.17.1</u></p>	<p>D. Frequency of monitoring: Continuously</p>
<p>B. Description: Operate the landfill gas (LFG) collection and control system (GCCS) in accordance with the requirements of Rule 74.17.1 and the compliance provisions in 40 CFR 60.755.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: The site is operating the landfill gas collection system such that gas is collected from each area, cell or group of cells and is routing all collected gas to an active collection system. The site's flares are operating in accordance with the requirements of Rule 74.17.1.B.3.b based on the source test conducted on June 30, 2022 for flare No. 4.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>40CFR63AAAA</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: The subpart requires all applicable landfills to meet the requirements of 40 CFR Part 60, Subpart Cc or WWW and to meet the startup, shutdown and malfunction (SSM) requirements of the general provisions of Part 63.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: The site is in compliance with the applicable requirement of 40 CFR Part 60, subpart WWW. The site has a written startup, shutdown and malfunction plan according to the provisions in 40 CFR 63.6(e)(3).</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>P001395PC1-Condition No. 1</u></p>	<p>D. Frequency of monitoring: Monthly</p>
<p>B. Description: Recordkeeping of monthly records of LFG throughput and consumption to the control devices.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Throughput summary provided in Appendix A.</p>
<p>C. Method of monitoring: The site is in compliance with the applicable requirement by keeping monthly records of LFG throughput and consumption to the control devices on file.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



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Period Covered by Compliance Certification: 01 / 01 / 22 (MM/DD/YY) to 12 / 31 / 22 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: PO01395PC1-Condition No. 2</p>	<p>D. Frequency of monitoring: Continuously</p>
<p>B. Description: Annual amount of LFG combusted shall not exceed 1,445,400 MMBtu/yr for flare No. 3 and 1,112,520 MMBtu/yr for flare No. 4.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Throughput summary provided in Appendix A.</p>
<p>C. Method of monitoring: The site is in compliance with the applicable requirement listed above, per review of the monthly LFG throughput summary records to the control devices. The records are kept on file and will be made available upon request.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO01395PC1-Condition No. 3</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: The flares shall be equipped with a totalizing fuel meter.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: The flares are equipped with the required meter components and are in compliance with the requirements listed above.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO01395PC1-Condition No. 5</p>	<p>D. Frequency of monitoring: Monthly</p>
<p>B. Description: Recordkeeping on monthly records of solvent purchase and usage. (District enforceable only)</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: The condition is District enforceable only and needs not to be certified via the Title V annual compliance certification. However, the landfill keeps associated records on file as specified in the permit condition.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: PO01395PC2-Cond No. 1, 3, 4</p>	<p>D. Frequency of monitoring: Biennial</p>
<p>B. Description: John Zink flares BACT limits: 1. Temperature 2. Source test (NOx, CO, ROC and NMOC) every two years 3. Testing of SOx every two years</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Attached</p>
<p>C. Method of monitoring: 1. Source test from June 30, 2022 resulted in a TNMOC/ROC emission rate of 2.2 ppm, a NOx emission rate of 0.012 lb/MMBtu, a CO emission rate of 0.003 lb/MMBtu, and a sulfur emission rate of 19.7 ppm. 2. The flare will be automatically shutdown when the temperature falls below the minimum temperature as required under the permit. Flare temperatures are monitored via a continuous recorder.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: CARB CH4 from MSW</p>	<p>D. Frequency of monitoring: Quarterly.</p>
<p>B. Description: CARB AB32 LMR Regulations</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: The site is in compliance with the applicable requirement by submitting the annual CARB AB32 LMR reports on March 15 of every year which contains the necessary information.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: P001395PC2-Condition No. 5, 8</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Flare sulfur compounds (SO2) emission requirement.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Monthly summary provided in Appendix A.</p>
<p>C. Method of monitoring: The site is in compliance with the applicable requirement listed above, per District analysis of Rule 54 compliance based on EPA SO2 emission factor.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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Period Covered by Compliance Certification: 01 / 01 / 22 (MM/DD/YY) to 12 / 31 / 22 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: PO01395PC1 - Condition No. 4</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Recordkeeping of monthly records of LFG throughput and consumption to the control devices. Recordkeeping of source test reports. Recordkeeping of monthly sulfur compound content of the landfill gas.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Throughput and monthly summaries attached in Appendix A</p>
<p>C. Method of monitoring: The site is in compliance with the applicable requirement by keeping monthly records of LFG throughput and consumption to the control devices on file, keeping source test reports on file, and keeping monthly sulfur content records on file.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO01395PC2-Condition No. 9</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Flare equipment requirements for the John Zink flares. Source test every four years on the emission of sulfur compounds.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: The flares are equipped with the required components and are in compliance with the applicable requirements. The site is also in compliance with the applicable requirement listed above, per the source test conducted in June 2022 for flare No. 4.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO01395PC2-Condition No. 10</p>	<p>D. Frequency of monitoring: At least every four years</p>
<p>B. Description: Flare particulate matter (PM) emission requirement. Condensate knockout/filter vessel requirement for the John Zink flare.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Attached.</p>
<p>C. Method of monitoring: The site is in compliance with the applicable requirement listed above, per District analysis of Rule 57.1 compliance based on EPA PM emission factor; and per the flares being equipped with the required components.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 22 (MM/DD/YY) to 12 / 31 / 22 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: PO01395PC2 - Condition No. 2</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Condensate injection in flares is prohibited</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: No condensate was injected into the flares</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 40CFR63 IIIIN1 (Emergency Engine)</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Annual compliance certification</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: The site is in compliance with the applicable requirement by submitting this compliance certification.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO01395PC2-Condition No. 11</p>	<p>D. Frequency of monitoring: Annual</p>
<p>B. Description: Annual function-check requirement for GCCS.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable <u>Attached</u></p>
<p>C. Method of monitoring: Annual function-checks and/or calibrations on the flare and collection system components as required under the condition are performed annually. Associated records are kept on file. The site is in compliance with the applicable requirement listed above. The records are kept on file and will be made available upon request. A copy of the latest is also attached.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: PO01395PC2 - Condition No. 6 and 7</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Recordkeeping of monthly sulfur compound content of the landfill gas.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Monthly summary provided in Appendix A.</p>
<p>C. Method of monitoring: The site is in compliance with the applicable requirement by keeping monthly sulfur content records on file.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO01395PC2-Condition No.12</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Gas well location requirements.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: The landfill acknowledged and is in compliance with the applicable requirements as specified in condition No. 12.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1395PC2-Condition Nos. 13 & 14</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Risk assessment requirements based on Rule 51.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: The site is in compliance and the source tests do not indicate concentrations which would exceed any risk-based requirements.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #:</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p>	<p>F. Currently in Compliance? (Y or N): _____</p> <p>G. Compliance Status? (C or I): _____</p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): _____</p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 50</p>	<p>D. Frequency of monitoring: Annual</p>
<p>B. Description: Opacity requirement.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Opacity survey is provided in the Appendices.</p>
<p>C. Method of monitoring: The site is in compliance with the applicable requirement listed above. Annual survey on emission units was conducted on 3/21/22, 6/14/22, 9/13/22 and 12/15/22 and no visible emissions of concern were identified during the survey. The results of the survey is included in Appendix A.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 54.B.1</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Sulfur compounds emission requirement.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: The site is in compliance with the applicable requirement listed above, per compliance with the fuel sulfur content limits of Rule 64.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



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Period Covered by Compliance Certification: 01 / 01 / 22 (MM/DD/YY) to 12 / 31 / 22 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: 54.B.2</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Sulfur dioxide concentration requirement at or beyond property line.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: The landfill acknowledged the applicable requirement listed above and will perform associated testing upon District's request. Based on current information, the landfill believes it is in compliance with this limit.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 57.1</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Particulate matter emissions from fuel burning equipment</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Opacity survey is provided in Appendix A</p>
<p>C. Method of monitoring: The site is in compliance with the applicable requirement listed above, per District analysis of Rule 57.B compliance based on EPA PM emission factor.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 64.B.1</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Sulfur content of gaseous fuel requirement.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: The landfill is in compliance with the applicable limit, per review of the sulfur content of LFG analysis results performed during the flare source test.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



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<p>A. Attachment # or Permit Condition #: <u>64.B.2</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Sulfur content of liquid fuel requirement.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable Sulfur specs are attached in Appendix A.</p>
<p>C. Method of monitoring: The landfill uses CARB certified diesel fuel on the emergency IC engine and is exempt from the certification and testing requirement as specified in Attachment 64.B.2. The fuel is purchased from a local distributor. Shipping records on each fuel load showing a distillate certification certifying use in California under "CARB Diesel Regulations" are kept on file at the site.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.6</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Solvent information for surface cleaning and degreasing.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: The site is exempt from the solvent requirement and cleaning devices and methods requirements as specified in Rule 74.6.B.1 and B.2, per compliance with the requirements of Rule 74.6.1. The site acknowledged the applicable requirements specified in Rule 74.6.B.3 and B.4 and is in compliance with those practices.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.11.1</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Large water heater and small boiler requirement.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: The landfill does not have any regulated large water heaters or small boilers installed onsite prior to the end of the reporting period. The requirements of this permit condition did not apply.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 22 (MM/DD/YY) to 12 / 31 / 22 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: <u>74.22</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Natural gas-fired fan-type central furnaces requirement.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: The landfill does not have any regulated furnaces installed onsite prior to the end of the reporting period. The requirements of this permit condition did not apply.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.1</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Abrasive blasting requirement.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: There were no abrasive blasting activities performed on the landfill during the reporting period. The requirements of this permit condition did not apply.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.2</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Architectural coating requirement.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: There were no regulated activities performed on the landfill during the reporting period. The requirements of this permit condition did not apply.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 22 (MM/DD/YY) to 12 / 31 / 22 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: 74.4.D</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Cutback asphalt - road oils requirement.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: There were no regulated activities performed on the landfill during the reporting period. The requirements of this permit condition did not apply.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 74.28</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Asphalt roofing operations.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: There were no regulated activities performed on the landfill during the reporting period. The requirements of this permit condition did not apply.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 74.29</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Soil decontamination operations.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: There were no regulated activities performed on the landfill during the reporting period. The requirements of this permit condition did not apply.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 22 (MM/DD/YY) to 12 / 31 / 22 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: 40CFR.61.M</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Asbestos demolition or renovation activities.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: There were no regulated activities performed on the landfill during the reporting period. The requirements of this permit condition did not apply.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #:</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p>	<p>F. Currently in Compliance? (Y or N): _____</p> <p>G. Compliance Status? (C or I): _____</p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): _____</p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #:</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p>	<p>F. Currently in Compliance? (Y or N): _____</p> <p>G. Compliance Status? (C or I): _____</p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): _____</p> <p>*If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 22 (MM/DD/YY) to 12 / 31 / 22 (MM/DD/YY)

A. Emission Unit Description: John Zink BACT limits: 1. Source test (NOx, ROC, CO, PM and NMOC) every two years 2. Testing of Sulfur Oxides (SOx) every two years		B. Pollutant: NOx, CO, ROC, PM, NMOC, Sulfur;	
C. Measured Emission Rate: NOx 0.012 lb/mmbtu, CO 0.003 lb/mmbtu TRS 19.7 ppm, NMOC/ROC 2.2 ppm, PM 0.0002	D. Limited Emission Rate: NOx 0.025 lb/mmbtu, CO 0.15 lb/mmbtu, TRS 60 ppm, NMOC/ROC 6.9 ppm, PM 0.0103 lb/mmbtu	E. Specific Source Test or Monitoring Record Citation: PO1395PC2 - Condition Nos. 3, 6, &15	F. Test Date: June 30, 2022

A. Emission Unit Description:		B. Pollutant:	
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

A. Emission Unit Description:		B. Pollutant:	
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

A. Emission Unit Description:		B. Pollutant:	
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

A. Emission Unit Description:		B. Pollutant:	
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

APPENDIX A

**Simi Valley Landfill and Recycling Center
2022 MMBTU & MSCF Throughput**

2022

Equipment	January	February	March	April	May	June	July	August	September	October	November	December	Total LFG Throughput	APCD Permit Limit (MMBTU/year)
Flare 3 - MMBTU	74,408.8	66,929.0	58,327.8	60,951.9	66,500.6	59,280.8	74,253.8	72,672.4	58,543.3	62,261.6	58,387.0	71,160.7	783,677.7	1,445,400
Flare 3 - MSCF	163,756.0	141,013.5	136,578.7	144,781.6	154,616.6	143,222.2	166,379.5	154,100.2	116,396.5	136,415.4	119,698.4	149,929.4	1,726,888.1	
Flare 4 - MMBTU	59,463.5	46,566.3	65,751.7	59,267.3	66,791.3	63,538.0	63,712.7	58,626.7	50,584.7	60,605.5	61,641.8	37,892.5	694,441.9	1,112,520
Flare 4 - MSCF	129,996.4	99,382.5	155,064.5	141,119.3	155,658.8	153,320.2	142,760.0	123,521.3	100,573.2	132,786.9	126,109.4	79,836.1	1,540,128.7	

SVLRC

Landfill Gas H2S Readings

January - December 2022

Month	Biogas - Monthly Average (ppm)*
Jan-22	8.5
Feb-22	10.8
Mar-22	4.3
Apr-22	0.3
May-22	0.4
Jun-22	2.6
Jul-22	4.78
Aug-22	4.7
Sep-22	6.03
Oct-22	5.34
Nov-22	10.23
Dec-22	3.77
2022 Average	5.15

*Total from Flares 3 & 4

Simi Valley Landfill Annual Emission Certification - VCAPCD Rule 50: Opacity				
Q-1 Date of Inspection:	21-Mar-22			
Inspectors Name:	Nicholas Thingili			
Emission Unit				
Flare 3 :	Yes	No	N/A	Comments
1. Any visible emissions at time of obvservation?		x		
Falre 4 :	Yes	No	N/A	Comments
1. Any visible emissions at time of obvservation?		x		
Emergency Generator :	Yes	No	N/A	Comments
1. Any visible emissions at time of obvservation?		x		
Observations/Comments:				

Simi Valley Landfill Annual Emission Certification - VCAPCD Rule 50: Opacity				
Q-2 Date of Inspection:	14-Jun-22			
Inspectors Name:	Shane Morrissey			
Emission Unit				
Flare 3 :	Yes	No	N/A	Comments
1. Any visible emissions at time of obvservation?		x		
Falre 4 :	Yes	No	N/A	Comments
1. Any visible emissions at time of obvservation?		x		
Emergency Generator :	Yes	No	N/A	Comments
1. Any visible emissions at time of obvservation?		x		
Observations/Comments:				

Simi Valley Landfill Annual Emission Certification - VCAPCD Rule 50: Opacity				
Q-3 Date of Inspection:	13-Sep-22			
Inspectors Name:	Shane Morrissey			
Emission Unit				
Flare 3 :	Yes	No	N/A	Comments
1. Any visible emissions at time of obvservation?		x		
Falre 4 :	Yes	No	N/A	Comments
1. Any visible emissions at time of obvservation?		x		
Emergency Generator :	Yes	No	N/A	Comments
1. Any visible emissions at time of obvservation?		x		
Observations/Comments:				

Simi Valley Landfill Annual Emission Certification - VCAPCD Rule 50: Opacity				
Q-4 Date of Inspection:	15-Dec-22			
Inspectors Name:	Shane Morrissey			
Emission Unit				
Flare 3 :	Yes	No	N/A	Comments
1. Any visible emissions at time of obvservation?		x		
Falre 4 :	Yes	No	N/A	Comments
1. Any visible emissions at time of obvservation?		x		
Emergency Generator :	Yes	No	N/A	Comments
1. Any visible emissions at time of obvservation?		x		11/2/2022
Observations/Comments:				

Types and Amounts of Waste Disposed in 2022
Simi Valley Landfill and Recycling Center*

Waste Type	Tons Disposed
MSW	1,245,954
C&D	32,146
Inert	737,971
Total for 2022	2,016,071

*Based on disposal records provided by SVLRC

Simi Valley Landfill Annual Flare Alarm Test

- | | PASS | FAIL | N/A |
|--|-------------------------------------|-------------------------------------|--------------------------|
| <p>1. Lamp Test - Depress the "Light Test" button. All panel lights illuminate.</p> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <p>2. Emergency Stop - During normal operations, depress the "Flare Stop" push button. System operation discontinues immediately. Release the "Flare Stop" push button. Depress the "Reset" button.</p> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>3. Pilot Flame Failure and Shutdown - Depress the "Stop" button. Close the pilot gas hand valve, HV-304. Depress the "Reset" button. Depress the "Start" button. The purge cycle begins and upon completion, the ignition sequence automatically begins. The pilot gas solenoid, SV-303, opens and ignition transformer, IT-1 remains energized for ten seconds. The pilot thermocouple, TE-307, is unable to detect flame. The pilot gas solenoid, SV-303, closes and purge cycle and ignition sequence are attempted again automatically. After the third unsuccessful attempt to detect pilot flame, the "Flare Shutdown" Light illuminates and system operation discontinues. Depress the "Reset" button. The "Flare Shutdown" light diminishes. Open the pilot gas hand valve, HV-304.</p> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>4. Flare High Temperature Shutdown - Depress the "Stop" button. Place the "Panel Power" switch in the OFF position. Inside the Flare Control Panel, PN-101, adjust the dial on the flare high temperature switch, TSH-201, to approximately 200 degrees Fahrenheit. Place the "Panel Power" switch in the ON position. Depress the "Reset" button. Depress the "Start" button. Allow the purge cycle to complete and the pilot to ignite. After the automatic block valve, SOV-12, opens and gas blower operation begins, monitor the value appearing on the temperature control module, TIC-202. Upon exceeding the setpoint value on the flare high temperature switch, TSH-201, the "Flare Shutdown" light illuminates and system operation discontinues. The post purge cycle begins and continues for one minute. Depress the "Reset" button. The "Flare Shutdown" light diminishes. Place the "Panel Power" switch in the OFF position. Inside the Flare Control Panel, PN-101, adjust the dial on the flare high temperature switch, TSH-201, to approximately 2000 degrees Fahrenheit.</p> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <p>5. Automatic Block Valve Failure - Depress the "Stop" button. Disconnect the compressed air source from the automatic block valve solenoid, SV-102. Depress the "Reset" button. Depress the "Start" button. Allow the purge cycle to complete and the pilot to ignite. The automatic block valve, SOV-102, is unable to open. After thirty seconds the automatic block valve open limit switch, ZSO-102, is not achieved. The "Flare Shutdown" light illuminates and system operation discontinues. The post purge cycle begins and continues for one minute. Depress the "Reset" button. The "Flare Shutdown" light diminishes. Connect the compressed air source to the automatic block valve solenoid, SV-102.</p> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Additional Comments:

Running lights are not currently working. "Stop" lights are in working order.

New light bulbs ordered, to be delivered Jan - Feb 2023

Name: Shane Morrissey

Title: Gas Technician

Signature: 

Date: December 21, 2022

SPECIFICATIONS FOR CARB
ULTRA LOW SULFUR DIESEL FUEL

Product Code 80 (1) (2) (3) (4) (5)

Specification Points	ASTM Method	Shipments	
		<u>Min.</u>	<u>Max.</u>
Gravity, deg. API	D-287, D-1298, D-4052	30.0	
Flash point, deg. F.	D-93	130	
Sulfur, max ppm	D-5453, D-7039		11.0 (2)
Aromatic vol %, Max	D-5186-03(3)		10 35.0 (3)
Biodiesel (FAME) %	D-7371		0.0
Color D-1500			4.0
Cetane Number OR Cetane Index	D-613 D-976	40.0 40.0	
Haze Rating/Workmanship	D-4176		2.0
Cloud Point deg. F.	D-2500	ASTM	
Pour point deg. F.	D-97	ASTM	
Distillation 90% Recovered deg. F.	D-86	540	640

- (1) In addition to above KM specifications, product must meet ASTM D-975 latest revision, with exception to lubricity requirements; this product may require treatment with a lubricity and/or conductivity improver in order to be fully compliant with the latest revision of ASTM D-975 prior to terminal distribution.
- (2) At pipeline input; terminal delivery/distribution not to exceed 15 ppm.
- (3) Maximum allowable fungible specification. All Refinery production having greater than 10 Vol% Aromatics
- (4) Product may contain up to 5 vol% renewable diesel content. (See renewable definition in section 6.1)
- (6) Terminal delivery is 125°F.

CALIBRATION CERTIFICATION

We certify that the calibration accuracies listed below are obtained on equipment, and with methods, that can be traced directly to the US National Institute of Standards and Technology.

FLOWRATE READOUT ACCURACY: \pm 1% Full Scale

PRESSURE TESTED AT:

METER SERIAL NUMBER: **L14022**

MODEL NUMBER: **62-9/9500PI**

The calibration listed above was performed under the following conditions:

0 - 6100 SCFM LANDFILL GAS MIX
40 - 200 DEG F
0 - 15 PSIG
16" SCH 10 LINE 15.624" ID
LOANER FOR S/N 2020015
LFG MIX: 45% CH₄, 37% CO₂, 2% O₂

Standard Conditions: 60Deg. F @ 1 ATM

Signature

Sh. Rowing

Date

December 13, 2022

THERMAL INSTRUMENT COMPANY, INC

217 Sterner Mill Road, Trevoese, PA 19053

Phone: 215-355-8400 Fax: 215-355-1789

Web: www.thermalinstrument.com

CALIBRATION CERTIFICATION

We certify that the calibration accuracies listed below are obtained on equipment, and with methods, that can be traced directly to the US National Institute of Standards and Technology.

FLOWRATE READOUT ACCURACY: \pm 1% Full Scale

PRESSURE TESTED AT:

METER SERIAL NUMBER: **L14060**

MODEL NUMBER: **62-9/9500PI**

The calibration listed above was performed under the following conditions:

0 - 6100 SCFM LANDFILL GAS MIX
40 - 200 DEG F
0 - 15 PSIG
16" SCH 10 LINE 15.624" ID
LOANER FOR SIN 2019336
LFG MIX: 45% CH₄, 36% CO₂, 2% O₂, 16% BALANCE

Standard Conditions: 60Deg. F @ 1 ATM

Signature Shirley Rowing Date **December 13, 2022**

THERMAL INSTRUMENT COMPANY, INC

217 Sterner Mill Road, Trevoese, PA 19053 Phone: 215-355-8400 Fax: 215-355-1789 Web: www.thermalinstrument.com