

'18MAY24 PM 2:33 APCD

FORTISTAR METHANE GROUP

NEO San Diego LLC

5244 Convoy Street ♦ San Diego, California 92111

Tel. (858) 715-0936 ♦ Fax. (858) 715-4620

May 23, 2018

Douglas L. Erwin, PE
Senior Air Pollution Control Engineer
San Diego APCD
10124 Old Grove Road
San Diego, California 92131

Subject: NEO San Diego LLC - Title V Permit No. 974746
Title V Permit Renewal Application – Additional Fee Submittal

Dear Mr. Erwin;

Enclosed is a check for \$8,233.00 related to the renewal application for Title V Permit No. 974746 that has previously been submitted. NEO San Diego LLC has supplied a total sum of \$8,328.00 (\$95.00 check originally submitted with application) to go towards the San Diego Air Pollution Control District's application fee estimate of \$8,224.00.

Please direct all questions regarding this fee submittal to Suparna Chakladar at (951) 833-4153.

Sincerely,



Anthony J. Falbo
Senior Vice President - Operations
FORTISTAR Methane Group
NEO San Diego LLC

Enclosures: Application Fee Estimate
Additional Application Fee Deposit
Application Fee Correspondence

cc: Suparna Chakladar, FMG

'18MAY24 PM 2:35 APCD

Michael Langfelder

From: Erwin, Douglas <Douglas.Erwin@sdcounty.ca.gov>
Sent: Monday, May 21, 2018 10:54 AM
To: Suparna Chakladar
Cc: McDaniel, Carol; Cain, Teresa; Anthony Falbo; environmentalreporting
Subject: RE: Application incomplete - missing fees

Suparna,
Point taken. I will pull the most recent renewals for both MM-North City and Neo, and send you revised estimates based on your assertion that the renewal will be the same or nearly the same.
Regards,
Doug Erwin

From: Suparna Chakladar [mailto:SChakladar@fortistar.com]
Sent: Monday, May 21, 2018 5:47 AM
To: Erwin, Douglas <Douglas.Erwin@sdcounty.ca.gov>
Cc: McDaniel, Carol <Carol.McDaniel@sdcounty.ca.gov>; Cain, Teresa <Teresa.Cain@sdcounty.ca.gov>; Anthony Falbo <AFalbo@Fortistar.com>; environmentalreporting <environmentalreporting@fortistar.com>
Subject: RE: Application incomplete - missing fees

Mr. Erwin;

The 55 hours being estimated for renewal of the MM San Diego North City Title V permit at a fee of \$11,269 exceeds the prior fees charged for Title V renewal significantly. In 2011, we paid \$5,108 for renewal of the Title V. Given that no change has been made in the equipment or operational practices at this site, we expect the renewal to be administrative only.

Please help us understand why the fees are more than double that of 5 years ago for an administrative change.

Thank you

Suparna Chakladar
Vice President
FORTISTAR Methane Group
5087 Junction Road
Lockport, NY 14094
Ph: (951) 833-4153
Fax: (866) 683-9459

From: Erwin, Douglas <Douglas.Erwin@sdcounty.ca.gov>
Sent: Friday, May 18, 2018 11:17 AM
To: Suparna Chakladar <SChakladar@fortistar.com>
Cc: McDaniel, Carol <Carol.McDaniel@sdcounty.ca.gov>; Cain, Teresa <Teresa.Cain@sdcounty.ca.gov>; Erwin, Douglas <Douglas.Erwin@sdcounty.ca.gov>
Subject: Application incomplete - missing fees

Suparna,

'18MAY24 PM 2:35 APCD

We received another application for title V renewal at Minnesota Methane- N. City, similar to the one for Neo, which was also accompanied with a check for \$95. Attached are estimated fees for the balance. As with Neo, we will await your submittal of the additional deposit, then proceed with the application

Douglas L. Erwin, PE
Senior Air Pollution Control Engineer
San Diego Air Pollution Control District
10124 Old Grove Rd.
San Diego, CA 92131
Phone: (858) 586-2717
Fax: (858) 586-2801
www.sdapcd.org

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Michael Langfelder

From: Suparna Chakladar
Sent: Friday, May 18, 2018 2:35 PM
To: environmentalreporting
Subject: FW: Scan from a COSD Xerox WorkCentre
Attachments: img-517162212-0001.pdf; fee est Neo SD LLC T5 renewal 5-18-2018.xlsx

Suparna Chakladar
Vice President
FORTISTAR Methane Group
5087 Junction Road
Lockport, NY 14094
Ph: (951) 833-4153
Fax: (866) 683-9459

-----Original Message-----

From: Erwin, Douglas <Douglas.Erwin@sdcounty.ca.gov>
Sent: Friday, May 18, 2018 9:57 AM
To: Suparna Chakladar <SChakladar@fortistar.com>; Anthony Falbo <AJFalbo@Fortistar.com>
Cc: McDaniel, Carol <Carol.McDaniel@sdcounty.ca.gov>; Cain, Teresa <Teresa.Cain@sdcounty.ca.gov>; Erwin, Douglas <Douglas.Erwin@sdcounty.ca.gov>
Subject: FW: Scan from a COSD Xerox WorkCentre

Ms. Chakladar
Mr. Falbo

The District has received your attached submittal, however, to complete this submittal, additional funds in the amount of the attached estimate are required. Please note that the current permit processing fee is \$104 (revised from \$95 in July '17).

We will await your submittal of the additional fee deposit.

Regards,
Doug

Douglas L. Erwin, PE
Senior Air Pollution Control Engineer
San Diego Air Pollution Control District
10124 Old Grove Rd.
San Diego, CA 92131
Phone: (858) 586-2717
Fax: (858) 586-2801
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-----Original Message-----

From: APCD Front Desk [mailto:LUEG-APCD-XeroxWC5325@sdcounty.ca.gov]

Sent: Thursday, May 17, 2018 4:22 PM

To: McDaniel, Carol <Carol.McDaniel@sdcounty.ca.gov>

Subject: Scan from a COSD Xerox WorkCentre

Please open the attached COSD document. It was scanned and sent to you using a Xerox WorkCentre.

Number of Images: 60

Attachment File Type: PDF

Device Name: APCD Front Desk

Device Location:

For more information on Xerox products and solutions, please visit <http://www.xerox.com/>

FORTISTAR METHANE GROUP

NEO San Diego LLC

5244 Convoy Street ♦ San Diego, California 92111

Tel. (858) 715-0936 ♦ Fax. (858) 715-4620

May 16, 2018

Title V Permitting Team Lead
San Diego APCD
10124 Old Grove Road
San Diego, California 92131

Subject: NEO San Diego LLC - Title V Permit No. 974746
Title V Permit Renewal Application

To Whom It May Concern,

Enclosed is the Title V Permit Renewal application for the NEO San Diego LLC (NEO) facility located at 5244 Convoy Street, San Diego, CA 92111. NEO requests to remove all conditions related to landfill compliance for Surface Emission Monitoring within our Title V Permit. NEO sought modifications to its permit in 2014 to clarify the responsibility for such emissions however these have not been implemented yet. The applicable conditions have been crossed off in the current permit, which is attached to this submittal for your convenience. Also included with this submittal is the \$95.00 processing fee. If additional fees are required for this application, please reply with an estimate.

Please direct all questions regarding this application to Suparna Chakladar at (951) 833-4153.

Sincerely,



Anthony J. Falbo
Senior Vice President - Operations
FORTISTAR Methane Group
NEO San Diego LLC

Enclosures: Application Fee

cc: Suparna Chakladar, FMG

| Internal Use Only | |
|-------------------------------|-----------------------------|
| APP ID: APCD ²⁰¹⁸ | -APP/CER- ⁰⁰⁵⁴¹³ |
| SITE ID: APCD ¹⁹⁹⁶ | -SITE- ⁰⁹⁷⁷⁹ |

GENERAL PERMIT OR REGISTRATION APPLICATION FORM



Submittal of this application does not grant permission to construct or to operate equipment except as specified in Rule 24(c).

REASON FOR SUBMITTAL OF APPLICATION:

- | | | |
|--|--|--|
| <input type="checkbox"/> New Installation | <input type="checkbox"/> Existing Unpermitted Equipment or Rule 11 Change | <input type="checkbox"/> Modification of Existing Permitted Equipment |
| <input type="checkbox"/> Amendment to Existing Authority to Construct or Application | <input type="checkbox"/> Change of Equipment Location | <input type="checkbox"/> Change of Equipment Ownership (please provide proof of ownership) |
| <input type="checkbox"/> Change of Permit Conditions | <input type="checkbox"/> Change Permit to Operate Status to Inactive | <input type="checkbox"/> Banking Emissions |
| <input type="checkbox"/> Registration of Portable Equipment | <input checked="" type="checkbox"/> Other (Specify) Title V Renewal Application | |

List affected APP/PTO Record ID(s): **974746**

APPLICANT INFORMATION

Name of Business (DBA) **NEO San Diego LLC**

Does this organization own or operate any other APCD permitted equipment at this or any other adjacent locations? ☐ Yes ☒ No

If yes, list assigned Site Record IDs listed on your Permits _____

Name of Legal Owner (if different from DBA) _____

| Equipment Owner | Authority to Construct Mailing Address |
|--|--|
| Name: NEO San Diego LLC | Name: same |
| Mailing Address: 5087 Junction Road | Mailing Address: _____ |
| City: Lockport State: NY Zip: 14094 | City: _____ State: _____ Zip: _____ |
| Phone: (716) 439-1004 | Phone: () |
| E-Mail Address: schakladar@fortistar.com | E-Mail Address: _____ |

| Permit To Operate Mailing Address | Invoice Mailing Address |
|-------------------------------------|-------------------------------------|
| Name: same | Name: same |
| Mailing Address: _____ | Mailing Address: _____ |
| City: _____ State: _____ Zip: _____ | City: _____ State: _____ Zip: _____ |
| Phone: () | Phone: () |
| E-Mail Address: _____ | E-Mail Address: _____ |

EQUIPMENT/PROCESS INFORMATION: Type of Equipment: ☒ Stationary ☐ Portable, *if portable please enter below the equipment storage address.* If portable, will operation exceed 12 consecutive months at the same location ☐ Yes ☐ No

Equipment Location Address **5244 Convoy Street** City **San Diego** State: **CA**

Parcel No. _____ Zip **92111** Phone **(716) 439 1004** E-mail: **schakladar@fortistar.com**

Site Contact **Suparna Chakladar** Phone **(951) 833-4153**


General Description of Equipment/Process **LFG Collection System, Flare, IC Emergency Engine**

Application Submitted by ☒ Owner ☐ Operator ☐ Contractor ☐ Consultant Affiliation _____

EXPEDITED APPLICATION PROCESSING: ☐ I hereby request Expedited Application Processing and understand that:

a) Expedited processing will incur additional fees and permits will not be issued until the additional fees are paid in full (see Rule 40(d)(8)(iv) for details) b) Expedited processing is contingent on the availability of qualified staff c) Once engineering review has begun this request cannot be cancelled d) Expedited processing does not guarantee action by any specific date nor does it guarantee permit approval.

I hereby certify that all information provided on this application is true and correct.

SIGNATURE  Date **5/16/2018**
Print Name **Anthony J. Falbo** Company **NEO San Diego, LLC**
Phone **(716) 439-1004** E-mail Address **afalbo@fortistar.com**

Internal Use Only

| | | | |
|-----------------------|---------------------------|--------------------------|--|
| Date 5/24/2018 | Staff Initials: CM | Amt Rec'd \$ 8233 | Fee Schedule Title V = 8129 ETM |
| RNP: 0 | EMF: 0 | NBF: 104 | TA: 8129 |

GEN APP Form Rev Date: Aug. 2017

10124 Old Grove Rd. – San Diego - California 92131-1649 – (858) 586-2600

www.sdapcd.org

San Diego County Air Pollution Control District
10124 Old Grove Road San Diego CA 92131-1649
(858) 586-2600 FAX (858) 586-2601

TITLE V APPLICATION
Stationary Source Summary (FORM 1401-A1)

| | |
|--|---|
| Company Name <u>NEO San Diego LLC.</u> | District Use Only NEDS # _____ SITE ID # _____ |
|--|---|

I. FACILITY IDENTIFICATION

1. Facility Name (if different than company name): NEO San Diego LLC
2. Four digit SIC Code: 4911
3. Parent Company (if different than Company Name): _____
4. Mailing Address: 5087 Junction Road
 City Lockport State NY Zip 14094
5. Street Address or Source Location: 5244 Convoy Street
 City San Diego State CA Zip 92111
6. UTM Coordinates: _____
7. Source Located within 50 miles of a state line: ☒ Yes ☐ No (All sources **are** within 50 miles)
8. Source Located within 1000 feet of a school: ☐ Yes ☒ No
9. Type of Organization: ☒ Corporation ☐ Sole Ownership ☐ Government
☐ Partnership ☐ Utility Company
10. Legal Owner's Name: NEO San Diego LLC
11. Owner's Agent name (if any): _____
12. Responsible Official: Anthony J. Falbo
13. Plant Site Manager/Contact: Lester Sakoda Phone #: 818-581-6550 FAX #: _____
14. Application Contact: Suparna Chakladar
15. Type of Facility: Landfill Gas Collection and Control
16. General description of processes/products: Landfill gas collection system, flare system and Emergency ICE consisting of: gas collection wells; a condensate system; two 3000 scfm blowers, two enclosed ground flares; flare station control and monitoring system with an in-line gas oxygen analyzer, gas flow meter, and condensate management system.
17. Is a Federal Risk Management Plan (RMP) pursuant to Section 112(r) required? ☐ Yes ☒ No
 (If application is submitted after RMP due date, attach verification that plan is registered with the appropriate agency.)

| II. TYPE OF PERMIT ACTION (check) | CURRENT PERMIT (permit number) | EXPIRATION (date) |
|--|-----------------------------------|----------------------|
| <input type="checkbox"/> Initial Title V Application | N/A | N/A |
| <input checked="" type="checkbox"/> Permit Renewal | 974746 | 04-28-2019 |
| <input type="checkbox"/> Significant Permit Modification | | |
| <input type="checkbox"/> Minor Permit Modification | | |
| <input type="checkbox"/> Administrative Amendment | | |

III. DESCRIPTION OF PERMIT ACTION

1. Does the permit action requested involve:

| | | |
|--|---|---|
| <input type="checkbox"/> Acid Rain Source | <input type="checkbox"/> Alternative Operating Scenarios | <input type="checkbox"/> Voluntary Emissions Caps |
| <input type="checkbox"/> CEMs | <input type="checkbox"/> Permit Shield | <input type="checkbox"/> Abatement Devices |
| <input type="checkbox"/> Outdated SIP Requirement Streamlining | <input type="checkbox"/> Multiple Applicable Requirement Streamlining | |
| <input type="checkbox"/> Source Subject to MACT Requirements [Section 112] | | |
| <input type="checkbox"/> Source Subject to Enhanced Monitoring (40CFR64) [Compliance Assurance Monitoring] | | |
2. Is source operating under a Compliance Schedule? ☐ Yes ☒ No ☐ Proposed
3. Is source operating under a Variance ☐ Yes ☒ No (If Yes, please attach variance information)
4. For permit modification, provide a general description of the proposed permit modification:

IV. SUPPLEMENTAL ATTACHMENTS*: 1401-A1-A2, G, H1, H2, I, K, L, M,

* Means all attachments to the complete application.

San Diego County Air Pollution Control District
10124 Old Grove Road San Diego CA 92131-1649
(858) 586-2600 FAX (858) 586-2601

TITLE V APPLICATION
Stationary Source Summary (FORM 1401-A2)


| | |
|---|---|
| Company Name <u>NEO San Diego LLC</u> | District Use Only NEDS # _____ SITE ID # _____ |
|---|---|

I. MAJOR SOURCE APPLICABILITY

Check appropriate pollutant(s) for which you are a Major Source under Title V. Applicability is based on potential to emit.
If more space is necessary, use additional forms. Please type or print legibly.

| POLLUTANT | MAJOR SOURCE THRESHOLD TOTAL EMISSIONS, TPY | (check if appropriate) |
|---------------------------------|--|-------------------------------------|
| VOC | 100 | <input type="checkbox"/> |
| PM ₁₀ | 100 | <input type="checkbox"/> |
| SO ₂ | 100 | <input type="checkbox"/> |
| NO _x | 100 | <input type="checkbox"/> |
| CO | 100 | <input type="checkbox"/> |
| ODC | 100 | <input type="checkbox"/> |
| LEAD COMPOUNDS | 10 | <input type="checkbox"/> |
| HAZARDOUS AIR POLLUTANTS | | |
| SINGLE HAP | 10 | <input type="checkbox"/> |
| | | <input type="checkbox"/> |
| | | <input type="checkbox"/> |
| COMBINATION HAP | 25 | <input type="checkbox"/> |
| | | <input type="checkbox"/> |
| NSPS WWW | | <input checked="" type="checkbox"/> |
| NSPS AAAA | | <input checked="" type="checkbox"/> |

Attach all necessary calculations to this form as applicable. NOTE: Calculations are only needed if no Emission Inventory is on file with the District

| | |
|---|---------------------------------------|
| Reference <u>Annual Emission Inventory</u> | Inventory Year <u>2016</u> |
|  | <u>5/14/2018</u> |
| Signature of Responsible Official | Date |
| <u>Anthony J. Falbo</u> | <u>(716) 439-1004</u> |
| Print Name of Responsible Official | Telephone No. of Responsible Official |
| <u>Senior Vice President - Operations</u> | |
| Title of Responsible Official | |

II. EMISSIONS CALCULATIONS ATTACHED (as needed)

☐ Yes ☒ No

DISTRICT USE ONLY

| | |
|----------------------------------|--------------------------------|
| Date Application Received: _____ | Application # _____ |
| Application Filing Fee: _____ | District Received Stamp: _____ |
| Receipt #: _____ | Fee Code: _____ |

San Diego County Air Pollution Control District
10124 Old Grove Rd., San Diego, CA 92131
(858) 586-2600 FAX (858) 586-2601

TITLE V APPLICATION
Insignificant Activity List (FORM 1401-G)

| | |
|--|---|
| Company Name NEO San Diego LLC | District Use Only NEDS # _____ SITE ID # _____ |
| Facility Address: 5244 Convoy Street, San Diego, CA 9211 | |

LIST OF EQUIPMENT – INSIGNIFICANT ACTIVITIES

Place a check mark in the appropriate box for equipment that is considered an insignificant activity based on throughput or equipment capacity.

Exemptions based on Size (Capacity)

| *No insignificant activities. | <u>(Condensed Language of Rule)</u> | <u>Appendix A</u> <u>Citation</u> |
|-------------------------------|--|--------------------------------------|
| <input type="checkbox"/> | Stationary & portable internal combustion engines with ≤ 50 bhp output rating | (d)(1)(iii) |
| <input type="checkbox"/> | Stationary gas turbines with a power rating of < 0.3 megawatt (MW) or a maximum gross heat input rating of 1 million BTUs per hour | (d)(1)(iv) |
| <input type="checkbox"/> | Water cooling towers & ponds with a capacity $< 10,000$ gal/min not used for evaporative cooling of process water or not used for evaporative cooling of water, contaminated water or industrial waste water from barometric jets or from barometric condensers. | (d)(2) |
| <input type="checkbox"/> | Fuel-burning equipment with a maximum gross heat input rate of < 1 million Btu/hour when not part of a process, process line, line, equipment, article, machine or other contrivance for which a permit to operate is required by these Rules and Regulations | (d)(4)(i) |
| <input type="checkbox"/> | Fuel burning equipment with a maximum gross heat input of < 20 million Btu/hour, and fired exclusively with natural gas and/or liquefied petroleum gas | (d)(4)(ii) |
| <input type="checkbox"/> | Steam boilers, process heaters, and steam generators with a maximum gross heat input of < 5 million Btu/hour | (d)(4)(iii) |
| <input type="checkbox"/> | Crucible-type or pot-type furnaces with a brimful capacity of < 450 in ³ of any molten metal | (d)(12) |
| <input type="checkbox"/> | Crucible, pot or induction furnaces with a capacity of ≤ 2500 in ³ , in which no sweating or distilling is conducted and from which only non-ferrous metals except yellow brass, are poured or non-ferrous metals are held in a molten state | (d)(13) |
| <input type="checkbox"/> | Dry batch mixers with ≤ 0.5 cubic yards rated working capacity | (d)(27) |
| <input type="checkbox"/> | Batch mixers (wet) with ≤ 1 cubic yard capacity where no organic solvents, diluents or thinners are used. | (d)(28) |
| <input type="checkbox"/> | Roofing kettles (used to heat asphalt) with a capacity of ≤ 85 gallons | (d)(33) |
| <input type="checkbox"/> | Abrasive blasting equipment with a manufacturer's-rated sand capacity of < 100 lbs or < 1 ft ³ | (d)(34) |
| <input type="checkbox"/> | Paper shredders and paper disintegrators that have a capacity of 600 pounds per hour or less, and the associated conveying systems and baling equipment. | (d)(41) |
| <input type="checkbox"/> | Ovens having an internal volume of ≤ 27 ft ³ in which organic solvents or materials containing organic solvents are charged | (d)(59) |
| <input type="checkbox"/> | Cold solvent cleaning tanks, vapor degreasers, and paint stripping tanks with a liquid surface area of ≤ 1.0 ft ² | (d)(61)(i) |
| <input type="checkbox"/> | Cold solvent cleaning tanks, vapor degreasers, and paint stripping tanks which have a maximum capacity of ≤ 1 gallon | (d)(61)(ii) |

| |
|--|
| TITLE V APPLICATION Insignificant Activity List (FORM 1401-G) |
|--|

Continued - Exemptions based on Size (Capacity)

| <u>(Condensed Language of Rule)</u> | <u>Appendix A Citation</u> |
|--|--------------------------------|
| <input type="checkbox"/> Stationary organic compound storage tanks with a capacity of ≤ 250 gallons | (e)(1) |
| <input type="checkbox"/> Liquid surface coating application operations using hand-held brushes for application of a primer coating from containers of \leq eight (8) ounces in size, to fasteners to be installed on aerospace parts | (h)(5) |
| <input type="checkbox"/> Liquid surface coating application operations using air brushes with a coating capacity of ≤ 2 ounces for the application of a stencil coating | (h)(6) |
| <input type="checkbox"/> Metal inspection tanks that: a) do not utilize a suspension of magnetic or fluorescent dye particles in volatile organic solvent, and b) have a liquid surface area $< 5 \text{ ft}^2$ and c) are not equipped with spray type flow or a means of solvent agitation | (o)(5) |
| <input type="checkbox"/> Bakery ovens used for baking yeast leavened products where the combined rated heat input capacity is < 2 million Btu/hr | (o)(37) |

Exemptions based on Production Rates (Emission Limits)

| | |
|---|--------------|
| <input type="checkbox"/> Printing or graphic arts presses located at a stationary source which emits a total of < 15 lbs/day of VOC's subject to Rule 67.16, on each day of operation | (d)(7) |
| <input type="checkbox"/> Solder levelers, hydrosqueegees, wave solder machines, and drag solder machines which use < 10 lbs/day of any material containing VOCs | (d)(23) |
| <input type="checkbox"/> Fire extinguishing equipment, using halons with a charge of < 50 lbs. of a Class I or Class II ozone depleting compound. | (d)(31) |
| <input type="checkbox"/> Coffee roasting equipment with a manufacturer's rating of ≤ 15 lbs/hr | (d)(45) |
| Equipment used to manufacture bio-agricultural products for exclusive use in field testing required to obtain FDA, EPA, USDA and /or Cal-EPA approval, provided the uncontrolled emissions of VOCs from all such operations < 5 ton/yr. | (d)(49)(iii) |
| <input type="checkbox"/> Oil quenching tanks which use < 20 gal/yr of make-up oil | (d)(56) |
| <input type="checkbox"/> Equipment that is used to conduct research and develop new or improved processes/products, and is operated by technically trained personnel under the supervision of a research director, and is not used in the manufacture of products for sale or exchange for commercial profit, and all emissions are < 15 lbs/day. | (d)(48) |
| <input type="checkbox"/> Powder coating operations, except metalizing gun operations, where surface preparation or cleaning solvent usage is < 0.5 gal/day | (d)(62) |
| <input type="checkbox"/> Equipment used to transfer fuel to & from amphibious ships for maintenance purposes, provided total annual transfers $< 60,000$ gal/yr. | (f)(2) |
| <input type="checkbox"/> Stationary storage tanks (excluding tanks subject to Rule 61.9) used exclusively for the storage of liquid organic solvents used as dissolvers, viscosity reducers, reactants, extractants, cleaning agents or thinners provided that emissions < 15 lbs/day. | (e)(3) |
| <input type="checkbox"/> Liquid surface coating or adhesive application operations (portable or stationary) where not more than 20 gallons per year of material containing organic compounds are applied | (h)(1) |
| <input type="checkbox"/> Liquid surface coating application operations exclusively using materials with a VOC content of < 20 g/L where < 30 gal/day of such materials are applied. | (h)(2) |
| <input type="checkbox"/> Foam manufacturing or application operations which emit < 5 lbs/day of VOCs | (i)(1) |
| <input type="checkbox"/> Reinforced plastic fabrication operations using resins such as epoxy and/or polyester which emit < 5 lbs/day of VOCs | (i)(2) |
| <input type="checkbox"/> Plastics manufacturing or fabrication operations which emit < 5 lbs/day of VOCs | (i)(3) |
| <input type="checkbox"/> Cold solvent degreasers used for educational purpose and which emit < 5 lbs/day of VOCs | (i)(4) |

TITLE V APPLICATION
Insignificant Activity List (FORM 1401-G)

- | | | |
|--------------------------|---|-------------|
| <input type="checkbox"/> | Golf grip application stations which exclusively use liquid materials with an initial boiling point of 450°F (232°C), or greater and which emit < 5 lbs/day of VOCs. | (i)(5) |
| <input type="checkbox"/> | Batch-type waste-solvent recovery stills with batch capacity of ≤ 7.5 gallons for onsite recovery provided the still is equipped with a safety device & VOC emissions are < 5 lbs/day | (i)(6) |
| <input type="checkbox"/> | Peptide and DNA synthesis operations which emit < 5 lbs/day of VOCs | (i)(7) |
| <input type="checkbox"/> | Equipment used for washing or drying articles fabricated from metal, cloth, fabric or glass, provided that no organic solvent is employed in the process and that no oil or solid fuel is burned and none of the products being cleaned has residues of organic solvent and VOC emissions are < 5 lbs/day | (i)(8) |
| <input type="checkbox"/> | Hot wire cutting of expanded polystyrene foam which emit < 5 lbs/day of VOCs. | (i)(9) |
| <input type="checkbox"/> | Any coating and/or ink manufacturing operations located at a stationary source, which emit < 15 lbs/day of VOCs. | (o)(9) |
| <input type="checkbox"/> | Any operation producing materials for use in cosmetic or pharmaceutical products and/or manufacturing cosmetic or pharmaceutical products by chemical processes, which emit < 15 lbs/day of VOCs | (o)(12) |
| <input type="checkbox"/> | Refrigeration units except those used as, or with, air pollution control equipment with a charge of < 50 lbs of a Class I or II ozone depleting compound. | (o)(18) |
| <input type="checkbox"/> | Atmospheric organic gas sterilizer cabinets where ethylene oxide emissions are < 5 lbs/yr | (o)(28) |
| <input type="checkbox"/> | Aerosol can puncturing/crushing operations which vents all emissions through a properly operated/maintained carbon canister, provided < 500 cans/day are processed. | (o)(29)(ii) |
| <input type="checkbox"/> | Solvent wipe cleaning operations using a container applicator that minimizes emissions to the air where the uncontrolled emissions of VOCs < 5 ton/yr, or the total purchase of solvents < 1,500 gal/yr, or the total purchase of solvents containing a single HAP < 350 gal/yr. | (o)(32) |
| <input type="checkbox"/> | Equipment approved for use by the EPA for recovering and/or recycling CFCs provided such equipment is charged with < 50 lbs. of a Class I or II ozone depleting compound. | (o)(33) |
| <input type="checkbox"/> | Stationary IC engines rated at ≤ 200 bhp installed and operated before November 15, 2000, which operate < 200 hr/yr. | (o)(34)(ii) |

TITLE V APPLICATION
Applicable Requirements Summary Checklist (Form 1401-H1)

| | |
|---|---|
| Company Name NEO San Diego LLC. | District Use Only NEDS # _____ SITE ID # _____ |
|---|---|

[illegible][illegible]

TITLE V APPLICATION

[illegible]

TITLE V APPLICATION
Applicable Requirements Summary Checklist (FORM 1401-H1) - continued

| RULE | RULE DESCRIPTION | Test Method or Rule Section | Monitoring, Records, Rule Section | Facility | PTO 950804 | PTO 984491 | | | | | | | | | | | | | Future Effective Date |
|--------|--|-----------------------------|-----------------------------------|----------|------------|------------|--|--|--|--|--|--|--|--|--|--|--|--|-----------------------|
| 67.6 | Solvent Cleaning Operation | (f) | | | | | | | | | | | | | | | | | |
| 67.6.1 | Cold Solvent Cleaning and Stripping Operations | (g) | (f) | | | | | | | | | | | | | | | | |
| 67.7 | Cutback & Emulsified Asphalt | (f) | (e) | | | | | | | | | | | | | | | | |
| 67.9 | Aerospace Coating Operations | (g) | (f) | | | | | | | | | | | | | | | | |
| 67.10 | Kelp Processing and Bio-Polymer Mfg. | (f) | (e) | | | | | | | | | | | | | | | | |
| 67.11 | Wood Products Coating Operations (not in SIP) | | | | | | | | | | | | | | | | | | |

| RULE | RULE DESCRIPTION | Test Method or Rule Section | Monitoring, Records, Rule Section | Facility | PTO 950804 | PTO 984491 | | | | | | | | | | | | | Future Effective Date |
|--------|--|-----------------------------|-----------------------------------|----------|------------|------------|--|--|--|--|--|--|--|--|--|--|--|--|-----------------------|
| 67.12 | Polyester Resin Operations | (g) | (f) | | | | | | | | | | | | | | | | |
| 67.15 | Pharmaceutical & Cosmetic Manufacturing | (e) | | | | | | | | | | | | | | | | | |
| 67.16 | Graphic Arts Operations | (g) | (f) | | | | | | | | | | | | | | | | |
| 67.17 | Open VOC Containers | (e) | | | | | | | | | | | | | | | | | |
| 67.18 | Marine Coating Operations | (g) | (f) | | | | | | | | | | | | | | | | |
| 67.19 | Coating and Printing Inks Mfg. Operations | (g) | (f) | | | | | | | | | | | | | | | | |
| 67.20 | Motor Vehicle & Mobile Equipment Refinishing Operations | | | | | | | | | | | | | | | | | | |
| 67.21 | Adhesive Material Application Operations | | | | | | | | | | | | | | | | | | |
| 67.22 | Expandable Polystyrene Foam Products Manufacturing Operations (not in SIP) | | | | | | | | | | | | | | | | | | |
| 67.24 | Bakery Ovens | (f) | (e) | | | | | | | | | | | | | | | | |
| 68 | Fuel Burning Equipment - NOx | | | | X | | | | | | | | | | | | | | |
| 69.2 | Boilers | (f) | (e) & (g) | | | | | | | | | | | | | | | | |
| 69.3 | Stationary Gas Turbine Engines - RACT | (f) | (e) & (g) | | | | | | | | | | | | | | | | |
| 69.3.1 | Stationary Gas Turbine Engines - BARCT (not in SIP) | (f) | (e) & (g) | | | | | | | | | | | | | | | | |
| 69.4 | Stationary Internal Combustion Engines - RACT | (f) | (e) | | | | | | | | | | | | | | | | |
| 69.4.1 | Stationary Internal Combustion Engines - BARCT (not in SIP) | (f) | (e) | | | | | | | | | | | | | | | | |
| 70 | Orchard Heaters | | | | | | | | | | | | | | | | | | |

TITLE V APPLICATION
Applicable Requirements Summary Checklist (FORM 1401-H1) - continued

| RULE | RULE DESCRIPTION | Test Method or Rule Section | Monitoring, Records, Reports, Rule Section | Facility | PTO 950804 | PTO 984491 | | | | | | | | | | | Future Effective Date |
|------|---|-----------------------------|--|----------|------------|------------|--|--|--|--|--|--|--|--|--|--|-----------------------|
| | | | | | | | | | | | | | | | | | |
| K | Standards of Performance for Storage Vessels for Petroleum Liquids Constructed after June 11, 1973 and Prior to May 19, 1978 | | 260.113 | | | | | | | | | | | | | | |
| Ka | Standards of Performance for Storage Vessels for Petroleum Liquids Constructed after May 18, 1978 | 260.113a | 260.115a | | | | | | | | | | | | | | |
| Kb | Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for which Construction, Reconstruction, or Modification Commenced after July 23, 1984 | 260.113b | 260.115b 260.116b | | | | | | | | | | | | | | |

Subpart

| | | | | | | | | | | | | | | | | | |
|-----|---|--------------------|-------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| L | Standards of Performance for Secondary Lead Smelters | 260.123 | | | | | | | | | | | | | | | |
| M | Standards of Performance for Secondary Brass and Bronze Ingot Production Plants | 260.133 | | | | | | | | | | | | | | | |
| O | Standards of Performance for Sewage Treatment Plants | 260.154 | 260.153 | | | | | | | | | | | | | | |
| DD | Standards of Performance for Grain Elevators | 260.303 | | | | | | | | | | | | | | | |
| EE | Standards of Performance for Surface Coating Metal Furniture | 260.313 260.316 | 260.314 260.315 | | | | | | | | | | | | | | |
| GG | Standards of Performance for Stationary Gas Turbines | 260.335 | 260.334 | | | | | | | | | | | | | | |
| QQ | Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing | 260.433 260.435 | 260.434 | | | | | | | | | | | | | | |
| RR | Standards of Performance for the Pressure Sensitive Tape and Label Surface Coating Operations | 260.444 260.446 | 260.445 260.447 | | | | | | | | | | | | | | |
| SS | Standard of Performance for the Industrial Surface Coating Large Appliances | 260.453 260.456 | 260.454 260.455 | | | | | | | | | | | | | | |
| TT | Standards of Performance for Metal Coil Surface Coating | 260.463 260.466 | 260.464 260.465 260.544 | | | | | | | | | | | | | | |
| BBB | Standards of Performance for the Rubber Tire Manufacturing Industry | 260.543 260.547 | 260.545 260.546 | | | | | | | | | | | | | | |
| FFF | Standards of Performance for Flexible Vinyl and Urethane Coating and Printing | | 260.584 | | | | | | | | | | | | | | |
| JJJ | Standards of Performance for Petroleum Dry Cleaners | 260.583 | 260.585 | | | | | | | | | | | | | | |

TITLE V APPLICATION

| SUBPART | New Source Performance Standards (40 CFR 60) |
|---------|--|
| Cb, F | Portland Cement Plants |
| Dc | Small Industrial -Commercial -Institutional Steam Generators >10 MM Btu but <100 MM Btu. |
| Ea | Municipal Waste Combustors |
| G | Nitric Acid Plants |
| H & Ch | Sulfuric Acid Plants |

[illegible][illegible]

TITLE V APPLICATION
Applicable Requirements Summary Checklist (FORM 1401-H1) - continued

[illegible][illegible]

Subpart

[illegible]

| |
|---|
| TITLE V APPLICATION LIST OF PERMITS BY EQUIPMENT CATEGORY (FORM 1401-H2) |
|---|

| Company | District Use Only |
|--|---|
| Name NEO San Diego LLC Facility Address: 5344 Convoy St. San Diego, CA 9211 | NEDS # _____ SITE ID # _____ |

In the emission unit (equipment) category order entered on Form 1401-H1, Applicable Requirements Summary Checklist, list emission units by permit number for the specific emission unit (equipment) category. Under the column labeled status place an "O" if operational, "N" if non-operational, or "S" if the equipment is new and currently operating under a startup authorization. **If more space is required, use additional forms. Please type or print legibly.**

[illegible]

San Diego County Air Pollution Control District
10124 Old Grove Road San Diego CA 92131-1649
(858) 586-2600 FAX (858) 586-2601

TITLE V APPLICATION
Certification Statement (FORM 1401-I)

| | |
|--|--------------------------|
| Company Name NEO San Diego LLC | District Use Only |
| Facility Address: 5344 Convoy Street, San Diego, CA 92111 | NEDS # _____ |
| | SITE ID # _____ |

Under penalty of perjury, identify the following: (Read each statement carefully and check each box for confirmation.)

| Applicable | Not Applicable | |
|-------------------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Based on information and belief formed after reasonable inquiry, the source(s) identified in this application will continue to comply with the applicable requirement with which the source is in compliance. The applicable requirement(s) with which the source(s) is/are not in compliance is/are identified in Form 1401-L, Schedule of Compliance. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Based on information and belief formed after reasonable inquiry, the source(s) identified in this application will comply with the future-effective applicable requirement(s) on a timely basis. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Based on information and belief formed after reasonable inquiry, the source(s) identified in the Schedule of Compliance application form that is/are not in compliance with the applicable requirement(s), will comply in accordance with the attached compliance plan schedule. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Based on information and belief formed after reasonable inquiry, information on application forms, referenced documents, all accompanying reports, and other required certifications are true, accurate, and complete. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | All fees required by Regulation III, Rule 40 have been paid. |



Signature of Responsible Official

Anthony J. Falbo

Print Name of Responsible Official

Senior Vice President - Operations

Title of Responsible Official

5/16/2018

Date

(716) 439-1004

Telephone No. of Responsible Official

TITLE V APPLICATION
Compliance Certification Schedule (FORM 1401-K)

| | |
|--|--|
| <div> <div>NEO San Diego LLC</div> <div>Facility Address: 5244 Convoy Street, San Diego, CA 92111</div> </div> | <div> <div>Company Name</div> <div>NEDS #</div> <div>SITE ID #</div> </div> <div>District Use Only</div> |
|--|--|

In numerical order, list all sources that have federally enforceable requirements for compliance certification on a more frequent basis than once per year. **If more space is required, use additional forms. Please type or print legibly.**

[illegible]

San Diego County Air Pollution Control District
10124 Old Grove Road San Diego CA 92131-1649
(858) 586-2600 FAX (858) 586-2601

TITLE V APPLICATION
Schedule of Compliance (FORM 1401-L)

| | |
|--|---|
| Company Name <u>NEO San Diego LLC</u> | District Use Only NEDS # _____ SITE ID # _____ |
| Facility Address: <u>5244 Convoy Street, San Diego, CA 92111</u> | |

SOURCES NOT IN COMPLIANCE

In numerical order, list all emission units by permit number that do not comply with a federally enforceable requirement. Describe how the source will achieve compliance. Propose a schedule to correct the deficiencies, and include a schedule for progress reports. Reports must be submitted at least every six months. If the source is operating under a judicial consent decree or administrative order, the Schedule of Compliance must be at least as stringent. **If more space is required, use additional forms. Please type or print legibly.**

| Permit No. | Emission Unit Name | Applicable Requirements | Compliance Schedule Attachment |
|------------|--------------------|-------------------------|--------------------------------------|
| None | | | |
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San Diego County Air Pollution Control District
10124 Old Grove Road San Diego CA 92131-1649
(858) 586-2600 FAX (858) 586-2601

TITLE V APPLICATION
Abatement Devices (FORM 1401-M)

| | |
|--|---|
| Company Name <u>NEO San Diego LLC</u> | District Use Only NEDS # _____ SITE ID # _____ |
| Facility Address: <u>5344 Convoy St, San Diego, CA 92111</u> | |

LIST OF ABATEMENT DEVICES

In numerical order, list all abatement devices, the abatement device, name or description, and the emission unit or operation abated. If more space is required, use additional forms. Please type or print legibly.

| Permit No(s) | Abatement Device Name or Description | Emission Unit(s) or Operation(s) Abated |
|--------------|--|--|
| 950804 | Landfill Gas Collection System and Flare | Landfill gas from Miramar Landfill |
| | | |
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Current Title V Permit with Requested Amendments Embedded

San Diego County Air Pollution Control District

10124 Old Grove Road
San Diego, CA 92131-1649
(858) 586-2600

TITLE V OPERATING PERMIT APCD2009-PTO-974746

Issued To:

Neo San Diego LLC
Site ID # APCD1996-SITE-09779

Site Address

5244 Convoy Street
San Diego, CA 92111
(949) 355-5182

Mailing Address

5087 Junction Road
Lockport, NY 14094

Responsible Official: Anthony J. Falbo,
Senior Vice President, Operations

~~**Facility Contact:** John Hickzewski, Plant Manager~~

Permit Information Contact: Suparna Chakladar, Vice President

Issued by the San Diego County Air Pollution Control District on April 29, 2014

This Title V Operating Permit expires on April 28, 2019

Signed by: _____

ROBERT J. KARD, Air Pollution Control Officer

Date: 4-29-2014

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PREAMBLE

This Title V Operating Permit consists of this document and all appendices, including District permits incorporated by reference. The facility is subject to all applicable requirements identified within this permit, unless a specific permit shield is specified within this permit. If an applicable requirement is omitted from this permit, the facility is still obligated to comply with such an applicable requirement. The permittee must comply with all of the terms listed in each section of this permit.

This permit contains five major sections: Section I contains the Regulation XIV requirements required to carry out the Title V Operating Permit program. Section II contains the requirements that are applicable to the facility on a facility-wide basis. Section III contains the requirements that are applicable to individual emission units which have been issued District permits or District registration, or which have been determined to be insignificant emission units. Section IV contains terms and requirements pertaining to variance procedures and compliance schedules, if applicable to the facility. Section V contains three appendices. Appendix A contains all the District permits incorporated within this permit. Appendix B contains a table of all SIP approved and District approved rules. Appendix C contains a list of abbreviations used within this permit.

Copies of the Rules and Regulations of the Air Pollution Control District of San Diego County and the Rules and Regulations for San Diego County contained in the State Implementation Plan (SIP) approved by EPA may be obtained at the District. Copies are also available for review at the following locations:

SD Air Pollution Control District
(Library & Public Review Area)
10124 Old Grove Rd
San Diego, CA 92131-1649
(858) 586-2600

County of SD Law Library
(Downtown)
1105 Front St.
San Diego, CA 92101
(619) 531-3900

County of SD Law Library
(North County)
325 S. Melrose Suite 300
Vista, CA 92083
(760) 940-4386

The current Rules and Regulations of the Air Pollution Control District of San Diego County may also be viewed and downloaded using the following internet address:

www.sdapcd.org

The following addresses should be used to submit any certifications, reports or other information required by this permit:

SD Air Pollution Control District
Compliance Division
10124 Old Grove Rd
San Diego, CA 92131-1649

USEPA Region IX
Director of the Air Division Attn: Air-3
75 Hawthorne Street
San Francisco, CA 94105

SECTION I. REGULATION XIV PERMIT REQUIREMENTS

A. ADMINISTRATIVE PERMIT TERMS

1. This Title V Operating Permit expires 5 years from date of issuance.
[Rule 1410]
2. Commencing or continuing operation under this permit to operate shall be deemed acceptance of all terms and conditions specified within this permit. This does not limit the right of the applicant to seek judicial review or seek federal EPA review of a permit term or condition.
[Rule 1421]
3. This permit may be modified, revoked, reopened and reissued, or terminated by the District for cause.
[Rule 1421]
4. The filing of a request by the facility for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay the applicability of any permit condition.
[Rule 1421]
5. This permit does not convey any property rights of any sort, or any exclusive privilege.
[Rule 1421]
6. The need for the permittee to halt or reduce a permitted activity in order to maintain compliance with any term or condition of this permit shall not be a defense for any enforcement action brought as a result of a violation of any such term or condition.
[Rule 1421]
7. In the event of challenge to any portion of this permit, the rest of the permit remains valid.
[Rule 1421]
8. For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any applicable requirement in this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed.
[62 Federal Register 8314; Rule 1421]

B. RENEWAL REQUIREMENTS AND TERMS

1. The permittee shall submit a complete application for renewal of this permit to the Air Pollution Control Officer at least 12 months, but not more than 18 months, prior to permit expiration.
[Rule 1410]

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Title V Permit

2. If an administratively complete application for renewal of this permit has been submitted to the Air Pollution Control Officer within the timeframe specified in Section I.B.1. , the terms and conditions of this permit shall remain in effect and the source may continue operations under these terms and conditions until the Air Pollution Control Officer issues or denies the permit renewal.

[Rule 1410C. **MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS**

1. The permittee shall provide the District access to the facility and all equipment subject to this permit, and access to all required records pursuant to California Health and Safety Code Section 41510.

[Rule 1421]

2. The permittee shall maintain all records required by this permit including any calibration, maintenance, and other supporting information and copies of all reports required by this permit for at least five years from their date of creation. Such records shall be maintained on-site for a minimum of three years.

[Rule 1421]

3. The permittee shall submit monitoring and recordkeeping summary reports and all other monitoring and recordkeeping reports required by this permit to the District every six months, unless a shorter time frame is required by a specific permit condition contained in Section III of this permit. Unless other dates are specified in Section III, reports for data required to be collected from January 1 through June 30, shall be submitted no later than September 1 of the calendar year, and reports for data required to be collected from July 1 through December 31, shall be submitted no later than March 1 of the following calendar year. The report for the final six months of the year may be consolidated with the annual compliance certification required below. All instances of noncompliance from federally enforceable applicable requirements shall be clearly identified in these reports. (Timely completion of District Certification Reports Form J1 and Form J2, if applicable, and all indicated attachments, fulfills the requirements of this condition.)

[Rule 1421]

4. Each calendar year, the permittee shall submit to the District and to the federal EPA an annual compliance certification, in a manner and form approved in writing by the District, for the previous calendar year that includes the identification of each applicable term or condition of the final permit for which the compliance status is being certified, the compliance status and whether the facility was in continuous or intermittent compliance during the previous calendar year, identification of the method used to determine compliance during the previous calendar year, and any other information required by the District to determine the compliance status. The annual compliance certification for a calendar year shall be submitted no later than March 1 of the following calendar year and may be consolidated with the monitoring and recordkeeping report for the last six months of the year for which compliance is certified. (Timely completion of District Certification Reports Form J1 and Form J2, if applicable, and all indicated attachments, fulfills the requirements of this condition.)

[Rule 1421]

5. Any report submitted to the District or federal EPA pursuant to this permit to comply with a federally enforceable applicable requirement, shall be certified by a responsible official stating

that, based on information and belief formed after reasonable inquiry, the report is true, accurate and complete.

[Rule 1421]

6. The permittee shall make any trade secret designations of records, documents, or other information submitted to the District or federal EPA in accordance with District Rule 176.

[Rule 176]

7. The permittee shall report all deviations from any and all federally enforceable permit terms and conditions including: (a) breakdowns, whether or not they result in excess emissions, (b) deviations that result in excess emissions of any regulated air pollutant, and (c) deviations from monitoring, recordkeeping, reporting and other administrative requirements that do not result in excess emissions. For deviations that result from breakdowns under District Rule 98, the permittee shall report the breakdown within two hours of detection of the breakdown and provide a follow-up written report after corrective actions have been taken. For deviations not due to a breakdown but which result in excess emissions, the permittee shall report the deviation within ten calendar days of detection. For all other deviations where no specific time frame for reporting a deviation applies, the permittee shall report the deviation at the time of the next semi-annual monitoring summary or annual compliance certification, whichever occurs first. If an underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, then the criteria for the applicable requirement shall apply. The report must include the probable cause of such deviations and any corrective actions or preventive measures taken.

[Rule 1421]

D. GENERAL PERMIT REQUIREMENTS

1. The permittee shall comply with all terms and conditions of this permit. This permit consists of this document and Appendices A, B and C. Any noncompliance with the federally applicable terms and conditions of this permit shall constitute a violation of the federal Clean Air Act. Noncompliance with any federally applicable permit term or condition of this permit is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. Noncompliance with any District permit term or condition is grounds for enforcement action by the District.

[Rule 1421]

2. Upon a written request by the District, the permittee shall furnish to the District any information needed to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit; any information required to determine compliance with this permit; or any records required to be maintained pursuant to this permit. Such information shall be provided within a reasonable time, as specified within the District's written request.

[Rule 1421]

3. The permittee shall pay annual fees in accordance with District Rule 40.

[Rule 1421]

4. The permittee shall provide access, facilities, utilities and any necessary safety equipment for source testing and inspection upon request from the District.

[Rule 19]

5. This permit shall be maintained on-site at all times and be made available to the District upon request.

[Rule 1410]

6. The permittee shall only make changes to its operations as allow by this permit and that comply with the requirements for permit amendments, modifications and other changes as given in Rules 1410 and 10.

[Rules 1410(i) through (o) and (q); Rule 10]

7. The Rule Reference Table provided in Appendix B shall be used to determine whether a cited rule is a federally and District enforceable requirement or a District only enforceable requirement. Any new or revised District rule shall not be considered federally enforceable until the rule is approved by EPA into the SIP. In cases where SIP approval is pending for a revised District rule, the rule citation shall refer to both the current SIP approved rule and the revised District rule.

[Rule 1421]

SECTION II. FACILITY-WIDE REQUIREMENTS

A. GENERAL PERMIT PROGRAM APPLICABLE REQUIREMENTS

The permittee shall comply with the applicable requirements specified in the following rules and regulations cited below, unless specifically exempted by the same rule or regulation.

| Regulation | Rule Citation | Title |
|-------------------|----------------------|--|
| SDCAPCD Reg. II | 10 | Permits Required |
| SDCAPCD Reg. II | 19 | Provision of Sampling & Testing Facilities |
| SDCAPCD Reg. II | 19.3 | Emission Information |
| SDCAPCD Reg. II | 21 | Permit Conditions |
| SDCAPCD Reg. IV | 60 | Circumvention |
| SDCAPCD Reg. VI | 101 | Burning Control |
| SDCAPCD Reg. VIII | 126 | SD County Emergency Plan - Applicability |
| SDCAPCD Reg. VIII | 131 | Stationary Source Curtailment Plan |
| SDCAPCD Reg. VIII | 132 | Traffic Abatement Plan |

B. GENERAL PROHIBITORY REQUIREMENTS

The permittee shall comply with the generally applicable requirements specified in the Rules and Regulations cited below, unless specifically exempted by the same Rule or Regulation. These generally applicable requirements apply on a facility-wide basis to all permitted equipment, registered equipment, and insignificant activities. In cases where a requirement, in addition to

Neo San Diego LLP
Title V Permit

being generally applicable, is also specifically applicable to one or more permitted emission units, the requirement is also included in Section III.A. of this permit.

| Regulation | Rule Citation | Title |
|-----------------|-----------------------|--|
| SDCAPCD Reg. IV | 50 | Visible Emissions |
| SDCAPCD Reg. IV | 51 | Nuisance |
| SDCAPCD Reg. IV | 67.0 | Architectural Coatings |
| SDCAPCD Reg. IV | 67.17 | Storage of Materials Containing VOC |
| SDCAPCD Reg. IV | 71 | Abrasive Blasting |
| SDCAPCD Reg. VI | 102 | Open Fires – Western Section |
| SDCAPCD Reg. VI | 105 | Burning Permits |
| SDCAPCD Reg. VI | 106 | Permit Duration |
| SDCAPCD Reg. VI | 107 | Burning Hours |
| SDCAPCD Reg. VI | 108 | Burning Conditions |
| SDCAPCD Reg. VI | 111 | Prior Notification |
| SDCAPCD Reg. VI | 112 | Burning Report |
| SDCAPCD Reg. X | Subpart A | NSPS - General Provisions |
| SDCAPCD Reg. XI | Subpart A | NESHAP - General Provisions |
| SDCAPCD Reg. XI | Subpart M, 361.145 | NESHAP - Standard for Demolition and Renovation |
| SDCAPCD Reg. XI | Subpart M, 361.150 | NESHAP - Standard for Waste Disposal for Manufacturing, Fabricating, Demolition, Renovation, and Spraying Operations |
| 40 CFR Part 82 | Subpart A | Production and Consumption Controls |
| 40 CFR Part 82 | Subpart B | Servicing of Motor Vehicle Air Conditioners |
| 40 CFR Part 82 | Subpart F | Recycling and Emissions Reduction |

C. ADDITIONAL TERMS

- Any emission unit described in this Title V operating permit as being fired on natural gas, shall only use Public Utility Commission (PUC)-quality natural gas, unless the emission unit permit specifies otherwise.

[Rule(s) 53, 62]

- Records required by this permit shall be considered as being maintained "on-site" if records for the previous 12-month period are available at the San Diego NEO San Diego LLC field office and any additional records are maintained at the NEO San Diego LLC Lockport, NY offices and made readily available to the District upon request.

[Rule 21]

SECTION III. EMISSION UNIT REQUIREMENTS

A. DISTRICT PERMITTED EMISSION UNITS

The District Permits listed below and attached in Appendix A, including all terms and conditions of such permits, constitute the emission unit portion of this Title V Operating Permit document.

| Permit Number | Source Category |
|---------------------|---|
| APCD2007-PTO-950804 | Landfill Gas Collection System and Flare System |

B. REGISTERED AND LEASED EMISSION UNITS

The permittee shall comply with the source specific applicable requirements specified in the Rules and Regulations cited below for all registered emission units, unless specifically exempted by the same Rule or Regulations.

| Regulation | Rule Citation | Title |
|-----------------|---------------|--|
| SDCAPCD Reg. IV | 52 | Particulate Matter |
| SDCAPCD Reg. IV | 53 | Specific Contaminants |
| SDCAPCD Reg. IV | 54 | Dust and Fumes |
| SDCAPCD Reg. IV | 62 | Sulfur Content of Fuels |
| SDCAPCD Reg. IV | 67.6 | Solvent Cleaning Operations |
| SDCAPCD Reg. IV | 69.4 | Stationary Reciprocating Internal Combustion Engines |

C. INSIGNIFICANT EMISSION UNITS AND ACTIVITIES

The permittee shall comply with the source specific applicable requirements in the District Rules and Regulations, including those listed below, for any Insignificant Units located at this facility that are listed at District Regulation XIV, Appendix-A, for which a permit is not required.

| Regulation | Rule Citation | Title |
|-----------------|---------------|-------------------------|
| SDCAPCD Reg. IV | 52 | Particulate Matter |
| SDCAPCD Reg. IV | 53 | Specific Contaminants |
| SDCAPCD Reg. IV | 54 | Dust and Fumes |
| SDCAPCD Reg. IV | 62 | Sulfur Content of Fuels |
| SDCAPCD Reg. IV | 66 | Organic Solvents |

SECTION IV DISTRICT-ONLY PROVISIONS

A. VARIANCE PROCEDURES

The permittee may seek relief from District enforcement action from District-only provisions in the event of a breakdown in accordance with District Rule 98. Notwithstanding the foregoing, the granting by the District of breakdown relief or the issuance by the Hearing Board of a variance does not provide relief from federal enforcement or citizen's suits.

[Rule 98]

SECTION V. APPENDICES

APPENDIX A: DISTRICT PERMITS

| Permit Number | Source Category |
|----------------------|---|
| APCD2007-PTO-950804 | Landfill Gas Collection System and Flare System |

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
10124 OLD GROVE ROAD, SAN DIEGO, CA 92131
(858) 586-2600 FAX (858) 586-2601

PERMIT NO.
APCD2007-PTO-950804

PERMIT TO OPERATE

This permit is not valid until required fees have been paid.

The following is hereby granted a Permit To Operate the article, machine, equipment or contrivance described below. This permit is not transferable to a new owner nor is it valid for operation of the equipment at another location except as specified. This permit to operate or copy must be posted on or within 25 feet of the equipment, or readily available on the operating premises.

Neo San Diego LLC
General Manager
5087 Junction Road
Lockport, NY 14094

EQUIPMENT ADDRESS
Neo San Diego LLC
5344 Convoy Street
San Diego CA 92111

EQUIPMENT DESCRIPTION

A landfill gas collection and condensate management system consisting of multiple gas collection wells and all associated piping, valves, fittings, sample points, liquid pumps, liquid storage tanks, and landfill gas blower(s). This equipment shall also include a landfill gas combustion system consisting of two enclosed ground flares (approximately 11 ft. diameter and 38 ft. height), each equipped with an optical flame detector, automatic shutoff valve, stack thermocouples, flame arrestor, and exhaust gas sampling ports. The flare station control and monitoring system shall include, at a minimum, an in-line gas oxygen analyzer, a landfill gas flow meter, an exhaust gas stack temperature recorder, and a supplemental fuel supply.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 10, 20, 40, 50, 51.

Fee Schedules: 2 [48C] Waste Disposal Site/Landfill
BEC: 10998

FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

1. The Permittee is subject to and shall comply with the applicable requirements of District Rules 53 and 59, and 40 CFR 60 Subpart WWW and 40 CFR 63 Subpart AAAAA. These requirements include, but may not be limited to, the related conditions of this permit.

2. The collected landfill gas temperature shall be maintained at less than 55° C at each well and the oxygen level shall be less than or equal to 5 percent. The permittee may establish a higher operating temperature, nitrogen, or oxygen value at a particular well. A higher operating value demonstration shall show supporting data that the elevated parameter does not cause fires or significantly inhibit anaerobic decomposition by killing methanogens.

[40 CFR 60.753(c)]

3. Temperature gauge maintenance and calibration records shall be maintained for at least five years and made available to the District upon request.

[40 CFR 60.758]

4. The Permittee shall maintain a negative pressure within each gas extraction well except under the following conditions:

- a. A fire or increased well temperature. The owner or operator shall record instances when positive pressure occurs in efforts to avoid a fire. These records shall be submitted with the annual reports as provided in §60.757(f),
- b. Use of a Geomembrane or synthetic cover,
- c. Decommissioned well.

The permittee shall record instances when positive pressure occurs and actions taken. An operating pressure gauge with an accuracy of 1 percent of the pressure measured shall be provided to the District upon request for verifying the pressure. The pressure gauge shall be maintained and calibrated in accordance with the manufacturer's specifications.

[40 CFR §§ 60.753(b) and 60.756(a); 17 CCR 95464(c)]

5. The Permittee shall on a monthly basis monitor or conduct testing to verify compliance as follows: record pressure, temperature and nitrogen or oxygen content at each well head. The nitrogen level shall be determined using EPA Method 3C or the oxygen level shall be determined using EPA Method 3A except that:

- a. The span shall be set so the regulatory limit is between 20 and 50 percent of the span.
- b. A data recorder is not required.
- c. Only two calibration gases are required, a zero and a span, and ambient air may be used as the span.
- d. A calibration error check is not required.
- e. The allowable sample bias, zero drift and calibration drift are +/- 10 percent.

[40 CFR 60.755(a)(5)]

6. The Permittee shall route all the collected landfill gas to the landfill gas destruction system.

[40 CFR 60.752(b)(2)(iii); 17 CCR 95464(b)(1)(A)]

7. The landfill gas destruction system shall be operated to reduce non-methane organic compounds (NMOC) by 98 weight percent or reduce the NMOC outlet concentration to less than 20 ppmv dry basis as hexane at 3 percent oxygen.

[40 CFR 60.752(b)(2)(iii)(B)]

8. The Permittee shall monitor the flare exhaust gas temperature. The gas temperature monitoring device shall be equipped with a continuous recorder which has an accuracy of +/- 1 percent of the temperature being measured.
[40 CFR 60.756(b)(1); 17 CCR 95464(b)(2)(A)]
9. The Permittee shall monitor and record gas flow from the collection system to the flare at least once every 15 minutes.
[40 CFR 60.756(b)(2)(i)]
10. The system shall be continuously monitored for the presence of a flare flame.
[40 CFR 60.758(b)(4)]
11. In the event the collection or control system is inoperable, the gas mover system shall be shut down and all valves in the collection and control system contributing to venting of the gas to the atmosphere shall be closed within 1 hour.
[40 CFR 60.753(e)]
12. The flow rate of landfill gas shall not exceed 3000 scfm per flare. A meter shall be installed at the flare station which measures and displays the landfill gas flow rate to each flare. Permittee shall calibrate this meter at least annually.
[NSR]
13. Except for a flare ignition and startup not to exceed 15 minutes, Permittee shall ensure complete combustion of landfill gases during operation by maintaining the stack gas exit temperature at no less than 1500° F or as otherwise specified by the flare manufacturer. Supplemental fuel (natural gas or propane) shall be added as necessary to maintain the required stack gas exit temperature.
[NSR]
14. The Permittee shall record all flare monitoring data and shall keep a record of all periods when the flare is non-operational.
[40 CFR 60.758(b)]
15. The Permittee shall record all values which exceed the operation standards for pressure, temperature and nitrogen or oxygen concentration specified in this permit and in 40 CFR Part 60.753 and shall include the operating value from the next subsequent monitoring period and the location of each exceedance.
[40 CFR 60.758(e)]
16. The Permittee shall maintain, readily accessible records for the life of the control equipment, the control device vendor specifications and the following data as measured during the initial performance test or compliance determination:
 - a. the maximum expected gas generation flow rate as calculated in 40 CFR Part 60.755(a)(1).
 - b. the density of wells, horizontal collectors, surface collectors or other gas extraction devices determined using the procedures specified in 40 CFR Part 60.759 (a)(1).
[40 CFR 60.758(b)]

17. The Permittee shall submit semi-annual reports no later than March 1 and September 1 with the following required information:

- a. The value and length of time for exceedances of applicable parameters monitored as required in 40 CFR Parts 60.753 and 60.756;
- b. A description and the duration of all periods when all combustion devices were not operating for any period exceeding 1 hour and the length of time all combustion devices were not operating; and
- c. All periods in excess of five days during which the landfill gas collection system was not operating.

[40 CFR 60 Subpart WWW]

18. All 3 hour periods of operation during which the average flare combustion temperature was more than 28° C (50° F) below the average combustion temperature during the most recent performance test at which compliance with Sec. 60.752 (b)(2)(iii) was determined shall be recorded and reported under § 60.757(f).

[40 CFR 60.757(f)]

19. The above equipment shall be properly maintained and operational at all times except as necessary for maintenance and repair. Calibration and maintenance records required by this permit shall be retained at the field office of NEO San Diego LLC and made available to the District upon request.

[NSR]

20. All collected landfill gas not delivered to the permitted Miramar Cogeneration facility (District ID APCD1996-SITE-09778) and the North City Cogeneration facility (District ID APCD1996-SITE-09688) shall be incinerated in the flare.

[40 CFR 60.753(e) and (f)]

21. The Permittee shall keep the following records:

- a. The occurrence and duration of each startup, shutdown, or malfunction of operation.
- b. The occurrence and duration of each malfunction of the required Air Pollution control and monitoring equipment.
- c. All required maintenance performed on the Air Pollution Control and monitoring equipment.
- d. Actions taken during periods of startup, shutdown, and malfunction when such actions are different from the procedures specified in the startup, shutdown, and malfunction (SSM) plan.
- e. All information necessary to demonstrate conformance with the affected source's SSM plan when actions taken during periods of SSM are consistent with the procedures specified in the SSM plan.

The Permittee shall report action(s) recorded above to the District during the applicable semi-annual reporting period.

[40 CFR 63 Subpart AAAA; 40 CFR 63.6(e)]

22. The Permittee shall report actions taken during a SSM event that are not consistent with the SSM plan and the source exceeds any applicable emissions limitation to the District within 2 working days after commencing actions inconsistent with the SSM plan and shall report such actions in writing to the District within 7 working days after the end of the event.
[40 CFR 63 Subpart AAAA; 40 CFR 63.6(e)]
23. The Permittee shall maintain a copy of the current startup, shutdown, and malfunction (SSM) plan for at least five years, and make the SSM plan available to the District upon request. Each previous version of the SSM plan shall be maintained for at least 5 years from the date of the SSM plan revision.
[40 CFR 63 Subpart AAAA; 40 CFR 63.6(e)]
24. If the SSM plan fails to address or inadequately addresses an event that meets the definition of a malfunction but was not included in the SSM plan, the Permittee shall revise the SSM plan within 45 days after the event to include procedures for operating and maintaining the source during similar malfunction events and a program of corrective action for similar malfunctions. The revised SSM plan shall not take effect until after the owner or operator has provided a written notice describing the SSM plan revision to the District.
[40 CFR 63 Subpart AAAA; 40 CFR 63.6(e)]
25. Any SSM plan revision which alters the scope of the activities at the source which are deemed to be a startup, shutdown, or malfunction, or otherwise modifies the applicability of any emission limit, work practice requirement, or other requirement in a standard established under this part, the revised plan shall not take effect until after notice has been provided to the District.
[40 CFR 63 Subpart AAAA; 40 CFR 63.6(e)]
26. Each SSM plan revision shall be reported in the semi-annual report covering the reporting period in which the SSM plan was revised.
[40 CFR 63 Subpart AAAA; 40 CFR 63.6(e)]
27. Should the District, or the San Diego County Health Department or any health agency of the state of California determine that an imminent threat exists onsite, endangering human life and requiring immediate action, the owner/operator shall take whatever actions are deemed necessary by the District and/or the health agency to protect human health.
[California Health and Safety Code Section 25358.3]
28. Emissions of sulfur compounds from this emission unit, calculated as sulfur dioxide, shall not exceed 0.05% by volume on a dry basis.
[Rule 53]
29. Emissions of combustion particulates shall not exceed 0.10 grains per dry standard cubic foot standardized to 12 percent carbon dioxide by volume.
[Rule 53]
30. If requested by the District or EPA, emissions of sulfur compounds and/or combustion particulates shall be measured in accordance with EPA reference methods or equivalent methods as approved by the District.
[Rule 53; Rule 21]

31. Emissions of NO_x from any fuel combustion equipment with an input rating of 50 million Btu/hr or greater shall not exceed 125 ppmv calculated as nitrogen dioxide @ 3% oxygen on a dry basis.
[Rule 68]
32. The applicable test methods listed in Rule 68 Section (f) and SDCAPCD Test Method 100 shall be used to determine compliance with the NO_x emission limits listed above.
[Rule 68]
33. The Permittee shall acquire the required permit(s) from the District prior to any expansion of the landfill or changes in the landfill gas collection system.
[Rule 10]
34. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
[Rule 19]

DISTRICT-ONLY-ENFORCEABLE CONDITIONS

35. The Permittee shall operate, adjust, and maintain the gas collection system to prevent excessive quantities of air from being drawn into the landfill. An oxygen analyzer, designed to be accurate to +/- 0.5% by volume, shall be installed in the collection piping at the flare station, maintained in good working condition, and calibrated at least biennially. The concentration of oxygen in landfill gas at the flare station shall not exceed 3.5% by volume. Analyzer calibration records shall be maintained for at least five years and made available to the District upon request.
[Rule 59(d)(6)]
36. A shut-off valve shall be in place and maintained at each well head.
[Rule 59]
37. An automatic shutoff device shall stop the flow of landfill gas to the flare whenever conditions of flame-out, excessive exhaust gas temperature (>1800° F) or excessive landfill gas oxygen content (>3.5% by volume) occur.
[Rule 59]
38. There shall be no leaks of landfill gas from the collection system and flare equipment in excess of 1375 ppmv (measured as methane) at a distance of ½ inch from the transfer path, other than non-repeatable, momentary readings. This requirement does not apply during active maintenance, repair, or sampling activities.
[Rule 59(d)(3)]
39. There shall be no release of leachate or condensate from any part of the landfill gas collection system or flare station, which results in the discharge of non-methane organic compounds to the atmosphere.
[Rule 59]
40. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.

41. The permittee shall, upon determination of applicability and written notification by the District, comply with all applicable requirements of the Air Toxics "Hot Spots" Information and Assessment Act.

(California Health and Safety Code Section 44300 et seq.)

42. The permittee is subject to Title 17 California Code of Regulations (CCR) SUBARTICLE 6. METHANE EMISSIONS FROM MUNICIPAL SOLID WASTE LANDFILLS (§§ 95460 – 95476 and Appendix I), which includes, but may not be limited to, the requirements cited in this permit.

[17 CCR § 95461]

43. The permittee shall operate the gas collection and control system in accordance with 17 CCR section 95464(b), which includes, but is not limited to, the following:

- a. Route the collected gas to a gas control device or devices except as provided in 17 CCR sections 95464(d) - well raising, and 95464(e) - Repairs and Temporary Shutdown of Gas Collection System Components;
- b. So that there is no landfill gas leak that exceeds 500 ppmv, measured as methane, at any component under positive pressure. Measurement for this determination shall be made at a distance of one half of an inch or less for a component source that exceeds 500 parts per million by volume (ppmv), excluding non-repeatable, momentary readings; measurement of leaks from any vault must be taken within 3 inches above the surface of the vault exposed to the atmosphere.

[17 CCR § 95464(b)(1)(B) and the definition of component leak at § 95475];

- c. So that all the landfill gas is drawn toward the gas control device or devices;
- d. So that each wellhead remains under vacuum (negative pressure), except under the following conditions:
 - (1) Use of a geomembrane or synthetic cover, provided permittee establishes acceptable pressure limits for the wellheads and includes them in the Design Plan;
 - (2) A decommissioned well;
 - (3) Well raising activities in which new fill is being added or compacted in the immediate vicinity around the well, or a well extension that, once installed, is sealed or capped until the raised well is reconnected to a vacuum source.

[17 CCR §§ 95464(b)(1), 95464(c), 95464(d) and 95475]

44. Except as provided in sections 95464(d), 95464(e), and 95466, no location on the landfill surface may exceed either of the following concentrations of methane:

- a. 500 ppmv, other than non-repeatable, momentary readings, as determined by instantaneous surface emissions monitoring, measured at a distance of 3 inches above surface as required by § 95471(c)(1)(A);
- b. An average of 25 ppmv as determined by integrated surface emissions monitoring.

[17 CCR § 95465]

45. The requirements of section 95465 do not apply to the working face of the landfill or to areas of the landfill surface where the landfill cover material has been removed and refuse has been exposed for the purpose of installing, expanding, replacing, or repairing components of the landfill gas, leachate, or gas condensate collection and removal system, or for law enforcement activities requiring excavation.

[17 CCR § 95466]

46. If the permittee operates a flare for the control of landfill gas, the flare must meet the following requirements:

- a. Achieves a methane destruction efficiency of at least 99 percent by weight;
- b. Is equipped with automatic dampers, an automatic shutdown device, a flame arrester, and continuous recording temperature sensors;
- c. During startup or restart there must be sufficient flow of propane or commercial natural gas to the burners to prevent unburned collected methane from being emitted to the atmosphere;
- d. The gas control device must be operated within the parameter ranges established during the initial or most recent source test.

[17 CCR § 95464(b)(2)(A)]

47. The permittee must conduct an annual source test for flare control efficiency using the test methods identified in 17 CCR 95471(f). Each succeeding complete annual source test must be conducted no later than 45 days after the anniversary date of the initial source test.

If a gas control device remains in compliance after three consecutive source tests the permittee may conduct the source test every three years. If a subsequent source test shows the gas collection and control system is out of compliance the source testing frequency will return to annual.

[17 CCR § 95464(b)(4)]

48. The requirements of 17 CCR sections 95464(b)(1)(A), 95464(b)(1)(B), and 95464(c) do not apply to individual landfill gas collection system components that must be temporarily shut down in order to repair the components, due to catastrophic events such as earthquakes, to connect new landfill gas collection system components to the existing system, to extinguish landfill fires, or to perform construction activities pursuant to section 95466, provided the following requirements are met:

- a. Any new gas collection system components required to maintain compliance with 17 CCR 95464 must be included in the most recent Design Plan pursuant to section 95464(a)(4);
- b. Methane emissions must be minimized during shutdown pursuant to section 95464(a)(1)(D).

[17 CCR § 95464(e)(1-2)]

49. The permittee must monitor each individual wellhead monthly to determine the gauge pressure. If there is any positive pressure reading other than as provided in 17 CCR sections 95464(d) and 95464(e), the permittee must take the following actions:

- a. Initiate corrective action within five calendar days of the positive pressure measurement;
- b. If the problem cannot be corrected within 15 days of the date the positive pressure was first measured, the owner or operator must initiate further action, including, but not limited to, any necessary expansion of the gas collection system, to mitigate any positive pressure readings;

- c. Corrective actions, including any expansion of the gas collection and control system, must be completed and any new wells must be operating within 120 days of the date the positive pressure was first measured, or it is a violation.

[17 CCR § 95469(c)]

- 50. Components containing landfill gas that are under positive pressure must be monitored quarterly for leaks. Any component leak must be tagged and repaired within 10 calendar days, or it is a violation.

[17 CCR § 95469(b)(3)]

- 51. Component leak testing at MSW landfills having landfill gas-to-energy facilities may be conducted prior to scheduled maintenance or planned outage periods.

[17 CCR § 95469(b)(3)(A)]

- ~~52. The permittee must conduct quarterly surface monitoring in accordance with 17 CCR section 95469 using the equipment and procedures specified in section 95471. Instantaneous surface monitoring shall be conducted using either an organic vapor analyzer, flame ionization detector, or other portable monitor meeting the specifications given at 17 CCR § 95471(a) and using the applicable procedures given at 17 CCR § 95471(c) including, but not limited to, the monitoring grid layout.~~

[17 CCR § 95469(a)]

- ~~53. Instantaneous Surface Monitoring under 17 CCR SUBARTICLE 6: Pursuant to section 95465(a)(1), any landfill surface reading exceeding 500 ppmv, other than non-repeatable, momentary readings, as determined by instantaneous surface emissions monitoring, must be recorded as an exceedance and the following actions taken:~~

- ~~a. The permittee must record the date, location, and value of each exceedance, along with re-test dates and results. The location of each exceedance must be clearly marked and identified on a topographic map of the MSW landfill, drawn to scale with the location of both the grids and the gas collection system clearly identified.~~
- ~~b. Corrective action must be taken by the owner or operator such as, but not limited to, cover maintenance or repair, or well vacuum adjustments and the location must be re-monitored within ten calendar days of a measured exceedance.~~
 - ~~(1) If the re-monitoring of the location shows a second exceedance, additional corrective action must be taken and the location must be re-monitored again no later than 10 calendar days after the second exceedance.~~
 - ~~(2) If the re-monitoring shows a third exceedance, the owner or owner or operator must install a new or replacement well, unless an alternative solution is identified and approved by the District, as determined to achieve compliance no later than 120 calendar days after detecting the third exceedance, or it is a violation of this subarticle.~~
- ~~c. Any closed or inactive MSW landfill, or any closed or inactive areas on an active MSW landfill that has no monitored exceedances of the 500 ppmv methane limit specified in section 95465(a)(1) after four consecutive quarterly monitoring periods may monitor annually. Any exceedances of this limit detected during the annual monitoring that cannot be remediated within 10 calendar days will result in a return to quarterly monitoring of the landfill.~~

- d. Any exceedances of the 500 ppmv methane limit specified in section 95465(a)(1) detected during any compliance inspections will result in a return to quarterly monitoring of the landfill.
- e. Any instantaneous methane measurement of 200 ppmv or greater must be recorded as a reportable reading pursuant to 17 CCR 95971(a)(1)(D).

[17 CCR §§ 95969(a)(2) and 95971]

54. Integrated Surface Monitoring under 17 CCR SUBARTICLE 6: Any reading exceeding an average of 25 ppmv as specified in 17 CCR section 95465(a)(2) must be recorded as an exceedance and the following actions must be taken:

- a. The permittee must record the average surface concentration measured as methane for each grid along with re-test dates and results. The location of the grids and the gas collection system must be clearly marked and identified on a topographic map of the MSW landfill drawn to scale.
- b. Within 10 calendar days of a measured exceedance, corrective action must be taken by the owner or operator such as, but not limited to, cover maintenance or repair, or well vacuum adjustments and the grid must be re-monitored.
 - (1) If the re-monitoring of the grid shows a second exceedance, additional corrective action must be taken and the location must be re-monitored again no later than 10 calendar days after the second exceedance.
 - (2) If the re-monitoring in section 95469(a)(2)(B)1. shows a third exceedance, the owner or operator must install a new or replacement well as determined to achieve compliance no later than 120 calendar days after detecting the third exceedance, or it is a violation of this subarticle.
- c. Any closed or inactive MSW landfill, or any closed or inactive areas on an active MSW landfill that has no monitored exceedances of the limit specified in section 95465(a)(2) after 4 consecutive quarterly monitoring periods may monitor annually. Any exceedances of the limits specified in section 95465(a)(2) detected during the annual monitoring that cannot be remediated within 10 calendar days will result in a return to quarterly monitoring of the landfill.
- d. Any exceedances of the limits specified in section 95465(a)(2) detected during any compliance inspections will result in a return to quarterly monitoring of the landfill.

[17 CCR § 95969(a)(2)]

55. An owner or operator of a closed or inactive MSW landfill, or any closed or inactive area on an active MSW landfill, that can demonstrate that in the three years before the effective date of this subarticle that there were no measured exceedances of the limits specified in section 95465 by annual or quarterly monitoring may monitor annually. Any exceedances of the surface methane emission limits specified in section 95465 detected during the annual monitoring that cannot be remediated within 10 calendar days will result in a return to quarterly monitoring.

[17 CCR § 95469(a)(3)]

56. Component Monitoring under 17 CCR SUBARTICLE 6: Components containing landfill gas and under positive pressure must be monitored quarterly for leaks. Any component leak must be tagged

and repaired within 10 calendar days, or it is a violation. Component leak testing at MSW landfills having landfill gas-to-energy facilities may be conducted prior to scheduled maintenance or planned outage periods.

[17 CCR § 95969(b)(3)]

57. *Recordkeeping – five year retention*, 17 CCR SUBARTICLE 6: In addition to any other records required by this permit, the permittee must maintain the following records for at least five (5) years:

- a. All gas collection system downtime exceeding five calendar days, including individual well shutdown and disconnection times, and the reason for the downtime.
- b. All gas control system downtime in excess of one hour, the reason for the downtime, and the length of time the gas control system was shutdown.
- c. Expected gas generation flow rate calculated pursuant to section 95471(e) – 2006 Intergovernmental Panel on Climate Change (IPCC) Guidelines for National Greenhouse Gas Inventories, Chapter 3, using a recovery rate of 75%.
- d. Records of all instantaneous surface readings of 200 ppmv or greater; all exceedances of the limits in sections 95464(b)(1)(B) or 95465, including the location of the leak (or affected grid), leak concentration in ppmv, date and time of measurement, the action taken to repair the leak, date of repair, any required re-monitoring and the re-monitored concentration in ppmv, and wind speed during surface sampling; and the installation date and location of each well installed as part of a gas collection system expansion.
- e. Records of any positive wellhead gauge pressure measurements, the date of the measurements, the well identification number, and the corrective action taken.
- f. Annual solid waste acceptance rate and the current amount of waste-in-place.
- g. Records of the nature, location, amount, and date of deposition of non-degradable waste for any landfill areas excluded from the collection system.
- h. Results of any source tests conducted pursuant to section 95464(b)(4).
- i. Records describing the mitigation measures taken to prevent the release of methane or other emissions into the atmosphere:
 - (1) When solid waste was brought to the surface during the installation or preparation of wells, piping, or other equipment;
 - (2) During repairs or the temporary shutdown of gas collection system components;
 - (3) When solid waste was excavated and moved.
- j. Records of any construction activities pursuant to section 95466. The records must contain the following information:
 - (1) A description of the actions being taken, the areas of the MSW landfill that will be affected by these actions, the reason the actions are required, and any landfill gas collection system components that will be affected by these actions.
 - (2) Construction start and finish dates, projected equipment installation dates, and projected shut down times for individual gas collection system components.

- (3) A description of the mitigation measures taken to minimize methane emissions and other potential air quality impacts.
- k. Records of the equipment operating parameters specified to be monitored under sections 95469(b)(1) and 95469(b)(2) as well as records for periods of operation during which the parameter boundaries established during the most recent source test are exceeded. The records must include the following information:
 - (1) For enclosed flares, all 3-hour periods of operation during which the average temperature difference was more than 28 degrees Celsius (or 50 degrees Fahrenheit) below the average combustion temperature during the most recent source test at which compliance with sections 95464(b)(2) and 95464(b)(3)(A) was determined.
 - (2) For boilers or process heaters, whenever there is a change in the location at which the vent stream is introduced into the flame zone pursuant to section 95464(b)(3)(A)2.
 - (3) For any owner or operator who uses a boiler or process heater with a design heat input capacity of 44 megawatts (150 MMBtu/hr) or greater to comply with section 95464(b)(3), all periods of operation of the boiler or process heater (e.g., steam use, fuel use, or monitoring data collected pursuant to other federal, State, local, or tribal regulatory requirements).

[17 CCR § 95470(a)(1)]

58. *Recordkeeping – retention for life of control device*, 17 CCR SUBARTICLE 6: Permittee must maintain the following records for the life of each gas control device:

- a. The control device vendor specifications.
- b. The expected gas generation flow rate as calculated pursuant to section 95471(e).
- c. The percent reduction of methane achieved by the control device determined pursuant to section 95471(f).
- d. For a boiler or process heater, the description of the location at which the collected gas vent stream is introduced into the boiler or process heater over the same time period of the performance test.
- e. For an open flare: the flare type (i.e., steam-assisted, air-assisted, or non-assisted); all visible emission readings, heat content determination, flow rate or bypass flow rate measurements, and exit velocity determinations made during the performance test as specified in 40 CFR § 60.18 (as last amended 73 Fed. Reg. 78209 (December 22, 2008), which is incorporated by reference herein; and records of the flare pilot flame or flare flame monitoring and records of all periods of operations during which the pilot flame or the flare flame is absent.

[17 CCR § 95470(a)(2)]

59. *Record Storage*: The permittee must maintain copies of the records and reports required by this subarticle and provide them to the District within five business days upon request. Records and reports must be kept at a location within the State of California.

[17 CCR § 95470(a)(3)]

60. *Annual Report:* Except as given in 17 CCR section 95463, permittee must prepare an annual report for the period of January 1 through December 31 of each year. Each annual report must be submitted to the District by March 15 of the following year and must contain the following information:

- a. MSW landfill name, owner and operator, address, and solid waste information system (SWIS) identification number.
- b. Total volume of landfill gas collected (reported in standard cubic feet).
- c. Average composition of the landfill gas collected over the reporting period (reported in percent methane and percent carbon dioxide by volume).
- d. Gas control device type, year of installation, rating, fuel type, and total amount of landfill gas combusted in each control device.
- e. The date that the gas collection and control system was installed and in full operation.
- f. The percent methane destruction efficiency of each gas control device(s).
- g. Type and amount of supplemental fuels burned with the landfill gas in each device.
- h. Total volume of landfill gas shipped off-site, the composition of the landfill gas collected (reported in percent methane and percent carbon dioxide by volume), and the recipient of the gas.
- i. Most recent topographic map of the site showing the areas with final cover and a geomembrane and the areas with final cover without a geomembrane with corresponding percentages over the landfill surface.
- j. The information records cited herein and required by sections 95470(a)(1)(A), 95470(a)(1)(B), 95470(a)(1)(C), 95470(a)(1)(D), 95470(a)(1)(E), and 95470(a)(1)(F), 95470(a)(1)(H), and 95470(a)(1)(K).

[17 CCR § 95470(b)(3)]

61. *Waste-in-Place Report:* If the MSW landfill contains less than 450,000 tons of waste-in-place, or the landfill contains 450,000 tons or more of waste-in-place and landfill gas recovery reaches or exceeds 3.0 MMBtu/hr, as given by section 95463(a) or section 95643(b)(2)(B)3., permittee must report the following information to the District:

- a. MSW landfill name, owner and operator, address, and solid waste information system (SWIS) identification number.
- b. The landfill's status (active, closed, or inactive) and the estimated waste-in-place, in tons.
- c. Most recent topographic map of the site showing the areas with final cover and a geomembrane and the areas with final cover without a geomembrane with corresponding percentages over the landfill surface.

[17 CCR § 95470(b)(4)]

62. *Landfill Gas Heat Input Capacity Report:* Permittee must calculate the landfill gas heat input capacity as required by section 95463(b) (i.e., gas heat input capacity report requirement for landfills greater than or equal to 450,000 tons of waste-in-place) using the procedures specified in section 95471(b) (i.e., procedure as specified in Appendix I, as applicable) and report the results to the District within 90 days of the effective date of this subarticle or upon reaching 450,000 tons of

waste-in-place. The calculation, along with relevant parameters, must be provided as part of the report.

[17 CCR § 95470(b)(5)]

63. Any report, or information submitted pursuant to 17 CCR subarticle 6 must contain certification by a responsible official of truth, accuracy, and completeness. This certification, and any other certification required under this subarticle, must state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

[17 CCR § 95470(b)(6)]

64. Each part of 17 CCR Subarticle 6 is deemed severable, and in the event that any part of this subarticle is held to be invalid, the remainder of this subarticle continues in full force and effect.

[17 CCR § 95476]

APPENDIX B. RULE REFERENCE TABLE

(LAST UPDATED 06/14/11)

| Rule Citation ¹ | RULE TITLE | A/R ² | District Adoption Date ³ | SIP FR Approval Date |
|----------------------------|--|------------------|-------------------------------------|-----------------------|
| | REGULATION I - GENERAL PROVISIONS | | | |
| 1 | Title | F | 04/30/80 | 09/28/81 |
| 2 | Definitions | F | 06/30/99 | 02/03/00 ⁴ |
| 4 | Review of Rules | F | 01/01/70† | 09/22/72 |
| 5 | Authority to Arrest | F | 03/24/76† | 05/11/77 |
| | REGULATION II - PERMITS | | | |
| 10 | Permits Required | F | 04/27/00 | 03/11/98 |
| 10.1†† | NSPS & NESHAPS Requirements | D | 11/8/76 | N/A |
| 11 | Exemptions from Rule 10 Permit Requirements | D/F | 05/09/12 | Pending |
| 12 | Registration of Specified Equipment | D | 11/15/00 | N/A |
| 12.1 | Portable Equipment Registration | D | 05/21/97 | N/A |
| 14 | Applications | F | 04/30/80 | 09/28/81 |
| 15 | Permit Process - Public Notifications | D/F | 09/18/90 | Pending |
| 17 | Cancellation of Applications | F | 11/25/81 | 03/11/98 |
| 18 | Action on Applications | F | 01/17/72 | 09/22/72 |
| 18 | Action on Applications | D/F | 09/18/90 | Pending |
| 19 | Provision of Sampling and Testing Facilities | F | 04/06/93 | 03/11/98 |
| 19.1†† | NSPS & NESHAPS Provision of Sampling and Testing Facilities Requirements | D | 11/08/76 | N/A |
| 19.2 | Continuous Emission Monitoring Requirements | F | 01/12/79 | 09/28/81 |
| 19.3 | Emission Information | F | 5/15/96 | 03/09/00 |
| 20 | Standards for Granting Permits | D/F | 04/25/89 | Pending |
| 20.1 | Definitions, Emission Calculations, Emission Offsets and Banking, Exemptions, and Other Requirements | F | 12/17/98 | 04/14/81 |
| 20.1 | NSR - General Provisions | D/F | 12/17/98 | Pending |
| 20.2 | Standards for Authority to Construct - Best Available Air Pollution Control Technology | F | 12/17/98 | 04/14/81 |
| 20.2 | NSR - Non-major Stationary Sources | D/F | 12/17/98 | Pending |
| 20.3 | Standards for Authority to Construct - Air Quality Analysis | F | 12/17/98 | 04/14/81 |
| 20.3 | NSR - Major Stationary Source and PSD Stationary Source | D/F | 12/17/98 | Pending |
| 20.4 | Standards for Authority to Construct - Major Stationary Sources | F | 12/17/98 | 04/14/81 |
| 20.4 | NSR - Portable Emission Units | D/F | 12/17/98 | Pending |
| 20.5 | Power Plants | F | 07/05/79 | 04/14/81 |
| 20.6 | Standards for Permit to Operate - Air Quality Analysis | F | 07/05/79 | 04/14/81 |
| 20.6 | Standards for Permit to Operate Air Quality Analysis | D/F | 12/14/87 | Pending |
| 20.8 | Special Offset Requirement Relating to Banking | D | 2/16/83 | N/A |
| 21 | Permit Conditions | F | 11/29/94 | 03/11/98 |
| 22 | Denial of Applications | F | 01/01/69† | 09/22/72 |

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|--------|--|-----|-----------|-----------|
| 23 | Further Information | F | 01/01/69† | 09/22/72 |
| 24 | Temporary Permit to Operate | F | 03/20/96 | 10/24/08 |
| 25 | Appeals | F | 01/01/69† | 09/22/72 |
| 25 | Appeals | D/F | 06/21/00 | Pending |
| 26.0 | Banking of Emission Reduction Credits (ERCs) - General Requirements | D/F | 10/22/97 | Pending |
| 26.1 | Standards for Granting Emission Reduction Credits (ERCs) | D/F | 10/22/97 | Pending |
| 26.2 | Use of Emission Reduction Credits (ERCs) | D/F | 10/22/97 | Pending |
| 26.3 | Reclassification of Class B Emission Reduction Credits (ERCs) | D/F | 10/22/97 | Pending |
| 26.4 | Permanency of Banked Emission Reduction Credits (ERCs) | D/F | 10/22/97 | Pending |
| 26.5 | Transfer of Emission Reduction Credits (ERCs) | D/F | 10/22/97 | Pending |
| 26.6 | District Banking of Emission Reduction Credits (ERCs) | D/F | 10/22/97 | Pending |
| 26.7 | Shutdown and Related Emission Unit | D/F | 10/22/97 | Pending |
| 26.8 | Banking of Limited Emission Reductions | D/F | 10/22/97 | Pending |
| 26.9 | Emission Reduction Credit Certificates and The Emission Reduction Credit Register | D/F | 10/22/97 | Pending |
| 26.10 | Banking For BRAC Military Base Closure or Realignment Actions | D/F | 10/22/97 | Pending |
| 27 | Banking of Mobile Source Emission Reduction Credits | D/F | 11/29/94 | Pending |
| 27.1 | Federal Requirements for San Diego County APCD Alternative Mobile Source Emission Reduction Program Approved On 9/8/2000 | F | 08/06/08 | 06/03/09 |
| | REGULATIONS III - FEES | | | |
| 40 | Permit Fees | D | 01/01/12 | N/A |
| 42 | Hearing Board Fees | D | 07/01/00 | N/A |
| 44 | Technical Reports, Charges for | D | 12/7/83 | N/A |
| | REGULATIONS IV - PROHIBITIONS | | | |
| 50 | Visible Emissions | F | 08/13/97 | 12/7/98 |
| 50.1†† | NSPS & NESHAPS Visible Emissions Requirements | D | 11/08/76 | N/A |
| 51 | Nuisance | F | 01/01/69† | 09/22/72 |
| 52 | Particular Matter | F | 01/22/97 | 12/9/98 |
| 52.1†† | NSPS & NESHAPS Particular Matter Requirements | D | 11/08/76 | N/A |
| 53 | Specific Contaminants | F | 01/22/97 | 12/9/98 |
| 53.1 | Scavenger Plants | F | 01/01/69† | 09/22/72 |
| 53.2†† | NSPS & NESHAPS Specific Contaminants Requirements | D | 11/08/76 | N/A |
| 54 | Dusts and Fumes | F | 01/22/97 | 12/9/98 |
| 54.1 | NSPS & NESHAP Dust and Fumes Requirement | D | 11/08/76 | N/A |
| 58 | Incinerator Burning | F | 01/17/73† | 05/11/77 |
| 59 | Control of Waste Disposal - Site Emissions | D | 11/03/87 | Withdrawn |
| 59.1 | Municipal Solid Waste Landfills | D | 06/17/98 | N/A |
| 60 | Circumvention | F | 05/17/94 | 03/09/00 |
| 60.2 | Limiting Potential to Emit - Synthetic Minor Sources | D | 04/04/12 | N/A |
| 61.0 | Definitions Pertaining to the Storage & Handling of Organic Compounds | F | 10/16/90 | 09/13/93 |

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|---------|---|-----|-----------|-----------|
| 61.1 | Receiving & Storing Volatile Organic Compounds at Bulk Plants & Bulk Terminals | F | 01/10/95 | 08/08/95 |
| 61.2 | Transfer of Volatile Organic Compounds into Mobile Transport Tanks | F | 07/26/00 | 08/26/03 |
| 61.3 | Transfer of Volatile Organic Compounds into Stationary Storage Tanks | F | 10/16/90 | 06/30/93 |
| 61.3.1 | Transfer of Gasoline into Stationary Underground Storage Tanks | D | 03/01/06 | N/A |
| 61.4 | Transfer of Volatile Organic Compounds into Vehicle Fuel Tanks | F | 10/16/90 | 05/13/93 |
| 61.4 | Transfer of Volatile Organic Compounds into Vehicle Fuel Tanks | D/F | 03/26/08 | Pending |
| 61.4.1 | Transfer of Gasoline from Stationary Underground Storage Tanks into Vehicles Fuel Tanks | D | 03/01/06 | N/A |
| 61.5 | Visible Emission Standards for Vapor Control Systems | F | 09/20/78† | 04/14/81 |
| 61.6 | NSPS Requirements for Storage of Volatile Organic Compounds | D | 01/13/87 | Withdrawn |
| 61.7 | Spillage and Leakage of Volatile Organic Compounds | F | 01/13/87 | 03/11/98 |
| 61.8 | Certification Requirements for Vapor Control Equipment | F | 01/13/87 | 03/11/98 |
| 62 | Sulfur Content of Fuels | F | 10/21/81 | 07/06/82 |
| 62.1†† | NSPS Requirements for Sulfur Content of Fuels | D | 11/08/76 | N/A |
| 64 | Reduction of Animal Matter | F | 08/21/81 | 07/06/82 |
| 66 | Organic Solvents | F | 07/25/95 | 08/11/98 |
| 66.1 | Miscellaneous Surface Coating Operations and Other Processes Emitting VOCs | D/F | 2/24/10 | Pending |
| 67.0 | Architectural Coatings | F | 04/09/03 | 03/27/97 |
| 67.0 | Architectural Coatings | D/F | 12/12/01 | Pending |
| 67.1 | Alternative Emission Control Plans | F | 05/15/96 | 03/27/97 |
| 67.2 | Dry Cleaning Equipment Using Petroleum - Based Solvent | F | 05/15/96 | 03/27/97 |
| 67.3 | Metal Parts and Products Coating Operations | F | 05/15/96 | 03/27/97 |
| 67.4 | Metal Container, Metal Closure and Metal Coil Coating Operations | F | 05/15/96 | 11/03/97 |
| 67.5 | Paper, Film and Fabric Coating Operations | F | 05/15/96 | 03/27/97 |
| 67.6.1 | Cold Solvent Cleaning and Stripping Operations | F | 5/23/07 | 10/13/09 |
| 67.6.2 | Vapor Degreasing Operations | F | 5/23/07 | 10/13/09 |
| 67.7 | Cutback and Emulsified Asphalts | F | 05/15/96 | 03/27/97 |
| 67.9 | Aerospace Coating Operations | F | 04/30/97 | 08/17/98 |
| 67.10 | Kelp Processing and Bio-Polymer Manufacturing | F | 06/25/97 | 06/22/98 |
| 67.11 | Wood Parts and Products Coating Operations | D/F | 09/25/02 | Pending |
| 67.11.1 | Large Coating Operations for Wood Products | F | 09/25/02 | 06/05/03 |
| 67.12 | Polyester Resin Operations | F | 05/15/96 | 03/27/97 |
| 67.15 | Pharmaceutical and Cosmetic Manufacturing Operations | F | 05/15/96 | 03/27/97 |
| 67.16 | Graphic Arts Operations | F | 05/09/12 | 03/27/97 |
| 67.17 | Storage of Materials Containing Volatile Organic Compounds | F | 05/15/96 | 03/27/97 |
| 67.18 | Marine Coating Operations | F | 05/15/96 | 03/27/97 |
| 67.19 | Coating and Printing Inks Manufacturing Operations | F | 05/15/96 | 01/19/00 |
| 67.20.1 | Motor Vehicle and Mobile Equipment Coating Operations | D | 06/30/10 | N/A |

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|--------|--|-----|-----------|-----------|
| 67.21 | Adhesive Material Application Operations | D | 11/14/08 | N/A |
| 67.22 | Expandable Polystyrene Foam Products Manufacturing Operations | D | 05/15/96 | N/A |
| 67.24 | Bakery Ovens | F | 05/15/96 | 03/27/97 |
| 68 | Fuel-Burning Equipment – Oxides of Nitrogen | F | 09/20/94 | 04/09/96 |
| 68.1†† | NSPS Requirements for Oxides of Nitrogen from Fuel-Burning Equipment | D | 11/08/76 | N/A |
| 69 | Electrical Generating Steam Boilers, Replacement Units & New Units | D | 12/12/95 | N/A |
| 69.2 | Industrial & Commercial Boilers, Process Heaters & Steam Generators | F | 09/27/94 | 02/09/96 |
| 69.2.1 | Small Boilers, Process Heaters and Steam Generators | D | 03/25/10 | N/A |
| 69.3 | Stationary Gas Turbine Engines | F | 09/27/94 | 06/17/97 |
| 69.3 | Stationary Gas Turbine Engines – RACT | D/F | 12/16/98 | Pending |
| 69.3.1 | Stationary Gas Turbine Engines – BARCT | D | 02/24/10 | N/A |
| 69.4 | Stationary Internal Combustion Engines | F | 09/27/94 | 01/22/97 |
| 69.4 | Stationary Internal Combustion Engines – RACT | D/F | 07/30/03 | 2/25/04 |
| 69.4.1 | Stationary Internal Combustion Engines - BARCT | D | 11/15/00 | N/A |
| 69.5 | Natural Gas-Fired Water Heaters | D | 01/01/99 | N/A |
| 69.6 | Natural Gas-Fired Fan-Type Central Furnaces | D | 06/17/98 | N/A |
| 70 | Orchard Heaters | F | 01/17/72 | 09/22/72 |
| 71 | Abrasive Blasting | F | 03/30/77 | 08/31/78 |
| | REGULATION V - PROCEDURES BEFORE THE HEARING BOARD | | | |
| 75 | Procedure Before the Hearing Board | D/F | 09/17/85 | Pending |
| 75.1†† | NSPS & NESHAPS Variance Procedures | D | 09/17/85 | 7/30/79 |
| 97 | Emergency Variance | D/F | 07/25/95 | Pending |
| 98 | Breakdown Conditions: Emergency Variance | D | 07/25/95 | Withdrawn |
| | REGULATION VI - BURNING CONTROL | | | |
| 101 | Burning Control | F | 09/25/02 | 04/30/03 |
| | REGULATION VII - VALIDITY AND EFFECTIVE DATE | | | |
| 140 | Validity | F | 01/01/69† | 09/22/72 |
| 141 | Effective Date | F | 01/01/69† | 09/22/72 |
| | REGULATION VIII – SAN DIEGO AIR POLLUTION EMERGENCY PLAN | | | |
| 126 | Applicability | F | 05/25/77 | 08/31/78 |
| 127 | Episode Criteria Levels | F | 09/17/91 | 03/18/99 |
| 128 | Episode Declaration | F | 09/17/91 | 03/18/99 |
| 129 | Episode Termination | F | 05/25/77 | 08/31/78 |
| 130 | Episode Actions | F | 09/17/91 | 03/18/99 |
| 131 | Stationary Source Curtailment Plan | F | 04/01/81 | 06/21/82 |
| 132 | Traffic Abatement Plan | F | 04/01/81 | 06/21/82 |
| 132 | Traffic Abatement Plan | D/F | 12/17/97 | Pending |

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|--|--|-----|-----------|----------|
| 133 | Schools | F | 05/25/77 | 08/31/78 |
| 134 | Source Inspection | F | 04/01/81 | 06/21/82 |
| 135 | Air Monitoring Stations | F | 05/25/77 | 08/31/78 |
| 136 | Interdistrict and Interbasin Coordination | F | 05/25/77 | 08/31/78 |
| 137 | Emergency Action Committee | F | 05/25/77 | 08/31/78 |
| 138 | Procedures and Plans | F | 05/25/77 | 08/31/78 |
| | APPENDIX A - Persons to be Notified on Episode Declaration | F | | |
| REGULATION IX - PUBLIC RECORDS | | | | |
| 175 | General | F | 05/22/74† | 05/11/77 |
| 176 | Information Supplied to District | F | 05/22/74† | 05/11/77 |
| 177 | Inspection of Public Records | F | 03/30/77 | 08/31/78 |
| 177 | Inspection of Public Records | D/F | 06/20/01 | Pending |
| REGULATION XII - TOXIC AIR CONTAMINANTS | | | | |
| 1200 | Toxic Air Contaminants - New Source Review | D | 06/12/96 | N/A |
| 1202 | Hexavalent Chromium - Cooling Towers | D | 07/25/95 | N/A |
| 1203 | Ethylene Oxide Sterilizers and Aerators | D | 07/26/00 | N/A |
| 1205 | Control of Dioxins Emissions from Medical Waste Incinerators | D | 01/01/94 | N/A |
| 1210 | Toxic Air Contaminant Public Health Risks - Public Notification and Risk Reduction | D | 06/12/96 | N/A |

| REGULATION XIV - TITLE V OPERATING PERMITS | | | | |
|---|--|---|----------|----------|
| 1401 | General Provisions | F | 02/27/04 | 02/27/04 |
| 1410 | Permit Required | F | 02/27/04 | 02/27/04 |
| 1411 | Exemption from Permit to Operate for Insignificant Units | F | 03/07/95 | 11/30/01 |
| 1412 | Federal Acid Rain Program Requirements | F | 01/18/94 | 11/30/01 |
| 1413 | Early Reduction of Hazardous Air Pollutants | F | 03/07/95 | 11/30/01 |
| 1414 | Applications | F | 03/07/95 | 11/30/01 |
| 1415 | Permit Process-Public Notification | F | 02/27/04 | 02/27/04 |
| 1417 | Pendency & Cancellation of Applications | F | 03/07/95 | 11/30/01 |
| 1418 | Action on Applications | F | 02/27/04 | 11/30/01 |
| 1419 | Provisions of Sampling & Testing Facilities & Emission Information | F | 03/07/95 | 11/30/01 |
| 1420 | Standards for Granting Permits | F | 03/07/95 | 11/30/01 |
| 1421 | Permit Conditions | F | 02/27/04 | 02/27/04 |
| 1422 | Denial or Cancellation Of Applications | F | 03/07/95 | 11/30/01 |
| 1423 | Further Information | F | 01/18/94 | 11/30/01 |
| 1424 | Applications Deemed Denied | F | 01/18/94 | 11/30/01 |
| 1425 | Appeals & Judicial Review | F | 02/27/04 | 02/27/04 |
| | APPENDIX A - Insignificant Units | F | 02/27/04 | 11/30/01 |
| | REGULATION XV - FEDERAL CONFORMITY | | | |
| 1501 | Conformity of General Federal Actions | F | 06/22/99 | 04/23/99 |

The following NSPS and NESHAP have been adopted locally by the District. EPA has granted the District delegation for each of these rules. Therefore, these rules, as adopted by the District are the federally applicable requirements. For all other NSPS and NESHAP, the versions cited in the CFR are the federally applicable requirements.

| Subpart & Citation | RULE TITLE | District Adoption Date | Federal Delegation Date |
|--------------------|---|------------------------|-------------------------|
| Part 60 | REGULATION X - STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES | | |
| A | General Provisions | Unknown 11/03/92 | 11/08/76 |
| E | Standards of Performance for Incinerators | Unknown | 03/30/77 |
| I | Standards of Performance for Asphalt Concrete Plants | Unknown 01/13/87 | 11/08/76 |
| L | Standards of Performance for Secondary Lead Smelters | Unknown | 11/08/76 |
| M | Standards of Performance for Secondary Brass and Bronze Ingot Production Plants | Unknown 09/17/85* | 03/30/77 |
| O | Standards of Performance for Sewage Treatment Plants | 01/13/87 | 09/17/87 |
| DD | Standards of Performance for Grain Elevators | Unknown | 05/24/82 |
| EE | Standards of Performance for Surface Coating Metal Furniture | 03/04/86 11/03/92 | 03/19/87 |
| QQ | Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing | 08/24/83 | 12/22/83 |
| RR | Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations | 09/17/86 11/03/92 | 03/19/87 |
| SS | Standards of Performance for the Industrial Surface Coating Large Appliances | 02/22/84 11/03/92* | 04/24/84 |
| TT | Standards of Performance for Metal Coil Surface Coating | 02/22/84 11/03/92* | 04/24/84 |
| BBB | Standards of Performance for the Rubber Tire Manufacturing Industry | 03/14/89 | 07/18/89 |
| FFF | Standards of Performance for Flexible Vinyl and Urethane Coating and Printing | 09/17/86 | 03/19/87 |
| JJJ | Standards of Performance for Petroleum Dry Cleaners | 12/15/87 | 07/18/89 |
| Part 61 | REGULATION XI- NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAPS) | | |
| A | General Provisions | 01/13/87 | 05/24/82 |
| C | National Emission Standard for Beryllium | Unknown | 11/08/76 |
| D | National Emission Standard for Beryllium Rocket Motor Firing | Unknown | 11/08/76 |
| E | National Emission Standard for Mercury | 03/27/90 | 05/17/91 |
| F | National Emission Standard for Vinyl Chloride | 08/17/77 06/16/78 | 11/21/77 |
| M | National Emission Standard for Asbestos | 06/04/85 02/01/95 | 07/18/89 |

The following ATCM and NESHAP have not been adopted by the District, but are being implemented and enforced by the District as ATCM's.

| Subpart & Citation | RULE TITLE | A/R | Most Recent Adoption Date |
|--|--|-----|---------------------------|
| DISTRICT RULES AND REGULATIONS APPENDIX A - CALIFORNIA AIRBORNE TOXIC CONTROL MEASURES (ATCM) | | | |
| 17 CCR § 93102 | Hexavalent Chromium ATCM for Chrome Plating & Chromic Acid Anodizing Operations | D/F | 12/7/06 |
| 17 CCR § 93109 | ATCM For Emissions of Perchloroethylene From Dry Cleaning Operations | F | 01/25/07 |
| 17 CCR § 93101.5 | ATCM to Reduce Emissions of Hexavalent Chromium and Nickel from Thermal Spraying | D | 09/30/05 |
| 17 CCR § 93105 | ATCM for Construction, Grading, Quarrying, and Surface Mining Operations | D | 07/26/01 |
| 17 CCR § 93106 | Asbestos ATCM for Surface Applications | D | 07/20/00 |
| 17 CCR § 93107 | ATCM For Emissions of Toxic Metals From Non-Ferrous Metal Melting | D | 01/14/93 |
| 17 CCR § 93111 | ATCM for Emissions of Chlorinated Toxic Air Contaminants from Automotive Maintenance & Repair Activities | D | 04/27/00 |
| 17 CCR § 93112 | ATCM for Emissions of Hexavalent Chromium and Cadmium from Motor Vehicle and Motor Equipment Coatings | D | 09/20/01 |
| 17 CCR § 93113 | ATCM to Reduce Emissions of Toxic Air Contaminants from Outdoor Residential Waste Burning | D | 02/03/03 |
| 17 CCR § 93115 | ATCM for Stationary Compression Ignition Engines | D | 05/19/11 |
| 17 CCR § 93116 | ATCM for Portable Diesel-Fueled Engines | D | 02/19/11 |

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|----------------|--|---|----------|
| Part 63 | DISTRICT RULES AND REGULATIONS APPENDIX B - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP) FOR SOURCE CATEGORIES | | |
| A | General Provisions | F | 05/16/07 |
| N | Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks | F | 04/20/06 |
| O | Ethylene Oxide Sterilization Facilities | F | 12/28/07 |
| R | Gasoline Distribution | F | 01/24/11 |
| T | Halogenated Solvent Cleaning | F | 09/08/00 |
| DD | Off-site Waste & Recovery Operations | F | 07/20/99 |
| GG | Aerospace Manufacturing and Rework Facilities | F | 12/08/00 |
| II | Shipbuilding and Ship Repair (Surface Coating) | F | 12/15/95 |
| JJ | Wood Furniture Manufacturing Operations | F | 12/28/98 |
| VVV | Publicly Owned Treatment Works | F | 10/21/02 |
| AAAA | Municipal Solid Waste Landfills | F | 01/16/03 |
| EEEE | Organic Liquids Distribution (non-gasoline) | F | 07/17/08 |
| MMMM | Surface Coating of Miscellaneous Metal Parts and Products | F | 04/26/04 |
| PPPP | Plastic Parts (surface coating) | F | 04/24/07 |

| | | | |
|--------|--|---|----------|
| SSSS | Surface Coating of Metal Coil | F | 03/17/03 |
| VVVV | Boat Manufacturing | F | 08/22/01 |
| WWWW | Reinforced Plastic Composites Production | F | 8/25/05 |
| YYYY | Stationary Combustion Turbines | F | 08/18/04 |
| ZZZZ | Stationary Reciprocating Internal Combustion Engines | F | 03/09/11 |
| DDDDD | Industrial, Commercial, and Institutional Boilers and Process Heaters | F | 05/18/11 |
| GGGGG | Site Remediation | F | 11/29/06 |
| HHHHH | Miscellaneous Coating Manufacturing | F | 10/04/06 |
| PPPPP | Engine Test Cells/Standards | F | 08/28/03 |
| WWWWW | Hospital Ethylene Oxide Sterilizers Area Sources | F | 12/28/07 |
| BBBBBB | Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities | F | 01/24/11 |
| CCCCC | Gasoline Dispensing Facilities | F | 01/24/11 |
| HHHHHH | Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources | F | 01/09/08 |
| JJJJJ | Area Sources: Industrial, Commercial, and Institutional Boilers | F | 3/21/11 |
| QQQQQ | Wood Preserving Area Sources | F | 07/16/07 |
| VVVVV | Chemical Manufacturing Area Sources | F | 11/29/09 |
| WWWWW | Plating and Polishing Operations Area Sources | F | 07/01/08 |
| XXXXXX | Metal Fabrication and Finishing Area Sources | F | 7/23/08 |
| AAAAAA | Asphalt Processing and Asphalt Roofing Manufacturing Area Sources | F | 12/02/09 |
| CCCCC | Paint and Allied Products Manufacture Area Sources | F | 12/03/09 |

The following NSPS have been adopted by the District by reference. The rules listed below are the CFR versions of these rules which are federally applicable requirements.

| Subpart & Citation | RULE TITLE | Latest EPA Promulgation Date | District Adoption Date | Delegation Date |
|--------------------|---|------------------------------|------------------------|---------------------|
| Part 60 | DISTRICT RULES AND REGULATIONS APPENDIX C - STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES (NSPS) | | | |
| D | Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971 | 10/17/00 01/28/09 | 10/17/01 06/24/09 | 01/03/08 Pending |
| Da | Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978 | 06/11/01 01/28/09 | 10/17/01 06/24/09 | 01/03/08 Pending |
| Db | Standards of Performance for Industrial-Commercial - Institutional Steam Generating Units | 10/01/01 01/28/09 | 04/25/01 06/24/09 | 01/03/08 Pending |
| Dc | Standards of Performance for Small Industrial-Commercial -Institutional Steam Generating Units | 05/08/96 01/28/09 | 08/13/97 06/24/09 | 06/24/98 Pending |
| GG | Standards of Performance for Stationary Gas Turbines | 06/27/89 02/24/06 | 10/17/01 02/25/09 | 01/03/08 Pending |
| K | Standards of Performance for Storage Vessels for Petroleum Liquids Construct After June 11, 1973 and Prior to May 19, 1978 | 10/17/00 | 06/20/07 | 01/03/08 |
| Ka | Standards of Performance for Storage Vessels for Petroleum Liquids Construction after May 18, 1978 | 12/14/00 | 06/20/07 | 01/03/08 |
| Kb | Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984 | 10/15/03 | 06/20/07 | 01/03/08 |
| AAA | Standards of Performance for New Residential Wood Heaters | 06/12/99 10/17/00 | 04/12/00 N/A | 01/03/08 N/A |
| OOO | Standards of Performance for Nonmetallic Mineral Processing Plants | 06/09/97 10/17/00 | 04/28/99 N/A | 05/28/02 N/A |
| UUU | Standards of Performance for Calciners and Dryers in Mineral Industries | 07/29/93 10/17/00 | 11/17/99 N/A | 05/28/02 N/A |
| VVV | Standards for Polymeric Coating of Supporting Substrates Facilities | 09/11/89 | 05/23/07 | 01/03/08 |
| WWW | Standards of Performance for Municipal Solid Waste Landfills | 04/10/00 | 08/13/97 | 06/24/98 |
| AAAA | Standards of Performance for Small Municipal Waste Combustion Units | 12/06/00 | 06/20/07 | 01/03/08 |
| CCCC | Standards of Performance for Commercial and Industrial Solid Waste Incineration Units | 12/01/00 | 06/20/07 | 01/03/08 |
| EEEE | Standards of Performance for Other Solid Waste Incineration Units | 12/16/05 | 06/20/07 | 01/03/08 |
| KKKK | Standards of Performance for Stationary Combustion Turbines | 07/06/06 | 02/25/09 | 06/01/09 |

The following NSPS have not been adopted by the District and are not delegated to the District. However, the District has the authority to enforce the NSPS through the Title V program. The rules listed below are the CFR versions of these rules, which are federally applicable requirements.

| Subpart & Citation | RULE TITLE | Latest EPA Promulgation Date | District Adoption Date | Delegation Date |
|--------------------|--|------------------------------|------------------------|-----------------|
| Part 60 | | | | |
| IIII | Standards of Performance for Stationary Compression Ignition Internal Combustion Engines | 07/11/06 | N/A | N/A |
| JJJJ | Standards of Performance for Stationary Spark Ignition Internal Combustion Engines | 01/18/08 | N/A | N/A |

APPENDIX C: ABBREVIATIONS USED IN THIS PERMIT

| | |
|-------------------|--|
| APCO | Air Pollution Control Officer |
| ASTM | American Society for Testing and Methods |
| BACT | Best Available Control Technology |
| CAA | federal Clean Air Act |
| CFR | Code of Federal Regulations |
| CO | Carbon Monoxide |
| CO ₂ | Carbon Dioxide |
| District | San Diego County Air Pollution Control District |
| EF | Emission Factor |
| EPA | US Environmental Protection Agency |
| HAP | Hazardous Air Pollutant |
| I&M | Inspection and Maintenance |
| NESHAP | National Emission Standard for Hazardous Air Pollutants |
| NSPS | New Source Performance Standards |
| NSR | New Source Review |
| [NSR] | New Source Review based condition |
| NO _x | Oxides of nitrogen |
| O ₂ | Oxygen |
| OES | Office of Environmental Services |
| O&M | Operation and maintenance |
| Pb | Lead |
| PM | Total Particulate Matter |
| PM ₁₀ | Particulate matter with aerodynamic equivalent diameter of ≤ 10 microns |
| PSD | Prevention of Significant Deterioration |
| RMP | Risk Management Plan |
| SDCAPCD | San Diego County Air Pollution Control District |
| SIP | State Implementation Plan |
| SO _x | Oxides of sulfur |
| Title IV | Title IV of the federal Clean Air Act |
| Title V | Title V of the federal Clean Air Act |
| VOC | Volatile organic compound |
| Units of Measure: | |
| dscf | = Dry standard cubic foot |
| g | = grams |
| gal | = gallon |
| gr/dscf | = Grains per dry standard cubic foot |
| hr | = hour |
| lb | = pound |
| in | = inches |
| max | = maximum |
| min | = minute |
| MM Btu | = Million British thermal units |
| psia | = pounds per square inch, absolute |
| scf | = Standard cubic foot |
| scfm | = standard cubic feet per minute |
| yr | = year |