FORTISTAR METHANE GROUP

MM San Diego – North City 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:

MM San Diego – North City (Title V Permit No. 975482)

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. 975482 that has previously been submitted. MM San Diego – North City 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.

Anthony J. Falbo

Senior Vice President - Operations

FORTISTAR Methane Group MM San Diego – North City

Enclosures:

Application Fee Estimate

Additional Application Fee Deposit Application Fee Correspondence

cc:

Suparna Chakladar, FMG

'18MAY24 PM 2:31 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.sdaped.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

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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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

<AJFalbo@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,

message to anyone. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of this message and any attachments. Unintended transmission shall not constitute waiver of any applicable legal protection afforded to this email and any attached documents.

----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

MM San Diego LLC
North City Plant
4949 Eastgate Mall Road • San Diego, California 92121-1208
Tel. (858) 677-9265 • Fax. (858) 677-9290

May 16, 2018

Title V Permitting Team
San Diego County Air Pollution Control District
10124 Old Grove Road
San Diego, CA 92131-1649

Subject:

MM San Diego - North City

Title V Permit No. 975482 - Renewal Application

To Whom It May Concern,

Enclosed is the Title V Permit Renewal application for the MM San Diego LLC – North City facility located at 4949 Eastgate Mall Road. Please refer to our April 30th, 2018 letter which discusses the facility's applicability to 40 CFR 63 Subpart ZZZZ. The conditions which are to be deleted have been listed on Form 1401-O. Please incorporate these changes in our Title V Permit. A check for the required processing fee is also included in this submittal, in the amount of \$95.00. If additional permitting fees are required, please provide 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

MM San Diego LLC – North City

Enclosures:

Application Fee Check

Title V Renewal Application Forms

PTO Revision Request, April 30th 2018 Correspondence

Current Permit To Operate

cc:

Suparna Chakladar, FMG

Inte	ernal Use C	Only	THE P
APP ID: APCD ²⁰¹⁸	-APP/CER	- 005414	
SITE ID: APCD 1996	-SITE-	09688	

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: Existing Unpermitted Equipment ☐ Modification of Existing New Installation or Rule 11 Change Permitted Equipment Amendment to Existing Authority to Change of Equipment Ownership Change of Equipment Location Construct or Application (please provide proof of ownership) Change Permit to Operate Status Change of Permit Conditions Banking Emissions to Inactive Other (Specify) Title V Renewal Application Registration of Portable Equipment List affected APP/PTO Record ID(s): Title V Permit No. 975482 APPLICANT INFORMATION Name of Business (DBA) MM San Diego LLC - North City Does this organization own or operate any other APCD permitted equipment at this or any other adjacent locations? 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** MM San Diego LLC - North City Name: Name: same Mailing Address: 5087 Junction Road Mailing Address: City: Lockport State: NY Zip: 14094 City: Zip: State: 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: X 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 __ City _San Diego Equipment Location Address 4949 Eastgate Mall Road State: CA Zip 92121 E-mail: schakladar@fortistar.com Phone (716) 439 1004 Parcel No. Phone (951) 833-4153 Site Contact Suparna Chakladar Landfill gas-to-energy facility General Description of Equipment/Process Application Submitted by X 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. Date 5/16/2018 **SIGNATURE** Anthony J. Falbo Company MM San Diego LLC - North City Print Name Phone (716) 439-1004 E-mail Address afalbo@fortistar.com **Internal Use Only** 5/24/2018 Title V = 8129 ETM CM Date Staff Initials: Amt Rec'd \$ Fee Schedule 0 0 8129 NBF: RNP: GEN_APP_Form Rev Date: Aug. 2017

_	Company Name	-		District Use Only NEDS # SITE ID #
	ACILITY IDENTIFICATION			
1.	Facility Name (if different than company name): <u>N</u>	<u>1M San Diego LI</u>	C - North City	у
2.	Four digit SIC Code: 4911			
3.	Parent Company (if different than Company Name)):		
4.	Mailing Address: 5087 Junction Road			
		State NY		Zip <u>14094</u>
5.	Street Address or Source Location: 4949 Eastgate			-
		State <u>CA</u>		Zip <u>92121</u>
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:	Sole Own	nership	Government
10.	Legal Owner's Name: MM San Diego LLC			
11.	Owner's Agent name (if any):			
12.	Responsible Official: Anthony J. Falbo			
13.	Plant Site Manager/Contact: Norman Doss	Phone	#: <u>408-890-15</u>	11 FAX #: <u>866-683-94</u>
13. 14.	Plant Site Manager/Contact: Norman Doss Application Contact: Suparna Chakladar	Phone	#: <u>408-890-15</u>	11 FAX #: <u>866-683-94</u>
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SDAPCD – Rev. 01.06 Page 1 of 2

	TITLE	V APPLICATION	
	Stationary Source	Summary (FORM 1401-A2)	
	Company Name		District Use Only
	MM San Diego LLC - North Ci	ty	NEDS #
heck approp	OR SOURCE APPLICABILITY oriate pollutant(s) for which you are a Major e is necessary, use additional forms. Pleas		ity is based on potential to emi
	POLLUTANT	MAJOR SOURCE THRESHOLD TOTAL EMISSIONS, TPY	(check if appropriate)
	VOC	100	арргоргиас)
	PM ₁₀	100	
	SO ₂	100	
	NOx	100	X
	СО	100	X
	ODC	100	
	LEAD COMPOUNDS	10	
	HAZARDOUS AIR POLLUTANTS		
	SINGLE HAP	10	
	277		
	Comments	0.5	
	COMBINATION HAP	25	
Emi Refe Signatur Anth Print Na Seni Title of	Ach all necessary calculations to this form ssion Inventory is on file with the District Annual Emission Inventory e of Responsible Official anony J. Falbo me of Responsible Official or Vice President - Operations Responsible Official SIONS CALCULATIONS ATTACHED (as		tory Year 2016 /16/2018 6) 439 - 1004 chone No. of Responsible Office Yes X No
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Date Applic	ation Received:	Application #	
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TITLE V APPLICATION	
Insignificant Activity List (FORM 1401-G)	

Company Name	District Use Only
MM San Diego LLC - North City	NEDS #
Facility Address: 4949 Eastgate Mall Road, San Diego, CA 92121	SITE ID#

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)

(Condensed Language of Rule)	Appendix A <u>Citation</u>
Stationary & portable internal combustion engines with ≤ 50 bhp output rating	(d)(1)(iii)
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)
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)
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)
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)
Steam boilers, process heaters, and steam generators with a maximum gross heat input of < 5 million Btu/hour	(d)(4)(iii)
Crucible-type or pot-type furnaces with a brimful capacity of < 450 in ³ of any molten metal	(d)(12)
Crucible, pot or induction furnaces with a capacity of \leq 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)
Dry batch mixers with ≤ 0.5 cubic yards rated working capacity	(d)(27)
Batch mixers (wet) with ≤ 1 cubic yard capacity where no organic solvents, diluents or thinners are used.	(d)(28)
Roofing kettles (used to heat asphalt) with a capacity of \leq 85 gallons	(d)(33)
Abrasive blasting equipment with a manufacturer's-rated sand capacity of < 100 lbs or < 1 ft ³	(d)(34)
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)
Ovens having an internal volume of \leq 27 ft ³ in which organic solvents or materials containing organic solvents are charged	(d)(59)
Cold solvent cleaning tanks, vapor degreasers, and paint stripping tanks with a liquid surface area of \leq 1.0 ft ²	(d)(61)(i)
Cold solvent cleaning tanks, vapor degreasers, and paint stripping tanks which have a maximum capacity of ≤ 1 gallon	(d)(61)(ii)

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

Continued - Exemptions based on Size (Capacity)

	(Condensed Language of Rule)	Appendix A <u>Citation</u>
	Stationary organic compound storage tanks with a capacity of ≤ 250 gallons	(e)(1)
	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)
	Liquid surface coating application operations using air brushes with a coating capacity of ≤ 2 ounces for the application of a stencil coating	(h)(6)
	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)
	Bakery ovens used for baking yeast leavened products where the combined rated heat input capacity is < 2 million Btu/hr	(o)(37)
Exem	ptions based on Production Rates (Emission Limits)	
	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)
	Solder levelers, hydrosqueegees, wave solder machines, and drag solder machines which use < 10 lbs/day of any material containing VOCs	(d)(23)
	Fire extinguishing equipment, using halons with a charge of < 50 lbs. of a Class I or Class II ozone depleting compound.	(d)(31)
	Coffee roasting equipment with a manufacturer's rating of ≤ 15 lbs/hr 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)(45) (d)(49)(iii)
	Oil quenching tanks which use < 20 gal/yr of make-up oil	(d)(56)
	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.	
	Powder coating operations, except metalizing gun operations, where surface preparation or cleaning solvent usage is < 0.5 gal/day	(d)(48) (d)(62)
	Equipment used to transfer fuel to & from amphibious ships for maintenance purposes, provided total annual transfers < 60,000 gal/yr.	(f)(2)
	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)
	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)
	Liquid surface coating application operations exclusively using materials with a VOC content of $< 20 \text{ g/L}$ where $< 30 \text{ gal/day}$ of such materials are applied.	(h)(2)
	Foam manufacturing or application operations which emit < 5 lbs/day of VOCs	(i)(1)
	Reinforced plastic fabrication operations using resins such as epoxy and/or polyester which emit < 5 lbs/day of VOCs	(i)(2)
	Plastics manufacturing or fabrication operations which emit < 5 lbs/day of VOCs	(i)(3)
	Cold solvent degreasers used for educational purpose and which emit < 5 lbs/day of VOCs	(i)(4)

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	TITLE V APPLICATION	
	Insignificant Activity List (FORM 1401-G)	
	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)
	Batch-type waste-solvent recovery stills with batch capacity of \leq 7.5 gallons for onsite recovery provided the still is equipped with a safety device & VOC emissions are \leq 5 lbs/day	(i)(6)
	Peptide and DNA synthesis operations which emit < 5 lbs/day of VOCs	(i)(7)
	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)
	Hot wire cutting of expanded polystyrene foam which emit < 5 lbs/day of VOCs.	(i)(9)
	Any coating and/or ink manufacturing operations located at a stationary source, which emit < 15 lbs/day of VOCs.	(o)(9)
	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)
	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)
	Atmospheric organic gas sterilizer cabinets where ethylene oxide emissions are < 5 lbs/yr	(o)(28)
	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)
\boxtimes	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)
	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.	(0)(33)
	Stationary IC engines rated at \leq 200 bhp installed and operated before November 15, 2000, which operate $<$ 200 hr/yr.	(o)(34)(ii)

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

District Use Only	NEDS#
Company Name	MM San Diego LLC - North City

APPLICABLE REQUIREMENTS: Applicable requirements which apply to an entire facility are listed first. The applicant should check appropriate boxes on the form and attach emission unit specific permit number lists where necessary. Where streamlining is employed, note on this form. If information does not fit in the space allotted, attach documentation and reference it on this form. Type or print legibly.

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Engine 1	Engine 3	Engine 4			Future Effective Date
	Facility Applicable Requirement Description									
10(a)	Permits Required – (a) Authority to Contruct									
10(b)	Permits Required – (b) Permit to Operate			×	x x	×	×			
19	Provision of Sampling & Testing Facilities			×	×	×	×			
19.2	Continuous Emission Monitoring Requirements									
19.3	Emission Information			×	х	×	×			
NSR	New Source Review			X	X X	×	×			
PSD	Prevention of Significant Deterioration						_			
21	Permit Conditions			×	×	×	×			
50	Visible Emissions			×	×	×	×			
51	Nuisance			×	×	×	×			
09	Circumvention			\dashv	\dashv					
0.79	Architectural Coatings	(g)		\dashv		\dashv				
67.17	Storage of Materials Containing VOC	(e)		×						
71	Abrasive Blasting			\dashv						
86	Breakdown Conditions: Emergency Variance			×	\dashv					
101	Burning Control					\dashv				
131	Stationary Source Curtailment Plan			\neg						
132	Traffic Abatement Plan								-	

Page 2 of 10

Future Effective Date																												

1 A A A A A A A A A A A A A A A A A A A																												
Engine 3		×	×		×																							
Engine 1 Engine 2		x	×		×														23									
Facility									×											×		_						
Monitoring, Records, Reports, Rule Section									(e) & (f)		(c)(2)		(c)(2)(iii)	(g)		(J)	VE					(0)	(t)	(p)	(e)	(J)	Œ	(e)
Test Method or Rule Section				Method 5	Method 5		Method 5		(e)		(p)	(c)(10)		(h)		(g)						(b)	(h)	(3)	(J)	(g)	(g)	(j)
RULE DESCRIPTION	Equipment Specific Applicable Requirement Description	ions		itter	aminants	nts	es	urning	Control of Waste Disposal - Site Emissions	u	Receiving & Storing VOCs at Bulk Plants & Terminals	Transfer of VOCs into Mobil Transport Tanks	Transfer of VOCs into Stationary Storage Tanks	Transfer Of Gasoline Into Stationary Underground Storage Tanks (not in the SIP)	Transfer of VOCs into Vehicle Fuel Tanks	Transfer Of Gasoline From Stationary Underground Storage Tanks Into Vehicle Fuel Tanks (not in the SIP)	Visible Emissions Standards for Vapor Control Equip.	Spillage & Leakage of VOCs	Certification Requirements for Vapor Control Equip.	t of Fuels	Reduction of Animal Matter	ints	Misc. Surface Coating Operations & other Processes Emitting VOC (not in SIP)	Alternative Emission Control Plans (AECP)	Dry Cleaning - Petroleum Solvent	oating	oating	Paper, Film and Fabric Coating
	Equipment St	Visible Emissions	Nuisance	Particulate Matter	Specific Contaminants	Scavenger Plants	Dust and Fumes	Incinerator Burning	Control of Wa	Circumvention	Receiving & S	Transfer of VC	Transfer of VC	Transfer Of Ga Storage Tanks	Transfer of VC	Transfer Of Ga	Visible Emissi	Spillage & Lez	Certification R	Sulfur Content of Fuels	Reduction of	Organic Solvents	Misc. Surface Coating Ope Emitting VOC (not in SIP)	Alternative En	Dry Cleaning	Metal Parts Coating	Can & Coil Coating	Paper, Film an
RULE		50	51	52	53	53.1	54	58	59	09	61.1	61.2	61.3	61.3.1	61.4	61.4.1	61.5	61.7	61.8	62	64	99	66.1	67.1	67.2	67.3	67.4	67.5

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RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	racility f ənign d	Engine 2	Engine 3 Engine 4					Future Effective Date	
9.79	67.6 Solvent Cleaning Operation	(t)							\dashv		:	
67.6.1	67.6.1 Cold Solvent Cleaning and Stripping Operations	(g)	(J)					-				
67.7	67.7 Cutback & Emulsified Asphalt	(t)	(e)									\neg
6.7.9	Aerospace Coating Operations	(g)	(t)					\dashv				\neg
67.10	67.10 Kelp Processing and Bio-Polymer Mfg.	(t)	(e)					-				1
67.11	67.11 Wood Products Coating Operations (not in SIP)							-				\neg

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Engine 1	Engine 2	E anigna	4 ənign. Pənign.						Future Effective Date
67.12	Polyester Resin Operations	(g)	(J)											
67.15	Pharmaceutical & Cosmetic Manufacturing	(e)								ı				
67.16	Graphic Arts Operations	(g)	(J)			\dashv						1		
67.17	Open VOC Containers	(e)				-	4							
67.18	Marine Coating Operations	(g)	(f)				4							
67.19	Coating and Printing Inks Mfg. Operations	(g)	(f)	\dashv										
	Motor Vehicle & Mobile Equipment Refinishing								-		·			
67.20	Operations			\dagger	+	+	\downarrow	1	+	+		 	+	
67.21	Adhesive Material Application Operations			\dashv	\dashv	_	_			_		1	1	
67.22	Expandable Polystyrene Foam Products Manufacturing Operations (not in SIP)													
67.24	Bakery Ovens	(t)	(e)		\dashv					-		1		
89	Fuel Burning Equipment - NOx			\dashv	×	×	×						\dashv	ļ
69.2	Boilers	(J)	(e) & (g)	\dashv	\dashv	\dashv	\dashv			4		+	-	
69.3	Stationary Gas Turbine Engines - RACT	(f)	(g) & (g)		×	×	×			_		\dashv		
69.3.1	Stationary Gas Turbine Engines – BARCT (not in SIP)	(J)	(g) & (g)											
69.4	Stationary Internal Combustion Engines - RACT	(f)	(e)		×	×	×							
69.4.1	Stationary Internal Combustion Engines – BARCT (not in SIP)	(j)	(a)		×	×	×							
70	Orchard Heaters					=			\dashv			-	_	

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							Monitoring, Records, Reports, Rule Section						Rule #	260.7 260.13	260.45	260.47a	260.48a 260.49a	260.47b	260.48b 260.49b	260.53	
							Test Method or Rule Section						Rule #		260.46				260.45b 260.46b	260.54	260.93
Abrasive Blastino	Applicability, Definitions, Emission Calculations, Emission Offsets and Banking, Exemptions, and Other Requirements (SIP Version 7/5/79)	NSR - General Provisions (Version 11/4/98) (not in SIP)	Standards for Authority to Construct Best Available Control Technology (SIP Version 7/5/79)	NSR – Non-major Stationary Sources (Version 11/4/98) (not in SIP)	Standards for Authority to Construct - Air Quality Analysis (SIP Version 7/5/79)		RULE DESCRIPTION	NSR – Major Stationary Source and PSD Stationary Source (Version 11/4/98) (not in SIP)	Standards for Authority to Construct - Major Sources (SIP Version 7/5/79)	NSR – Portable Emission Units (Version 11/4/98) (not in SIP)	Power Plants (SIP Version 7/5/79)	Standards for Permit to Operate Air Quality Analysis (SIP Version 7/5/79)	Regulation X - Standards of Performance for New Stationary Sources (NSPS)	General Provisions	Standards of Performance for Fossil-Fuel Fired Steam Generators	Standards of Performance for Electric Utility	Steam Generating Units Constructed After September 18, 1978		Standards of Performance for Industrial- Commercial-Institutional Steam Generating	Standards of Performance for Incinerators	Standards of Performance for Asphalt Concrete Plants
71	 _						RULE	20.3	20.4	20.4	20.5	20.6	SUBPART	4	۵	T	Da		É	E	П

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Standards of Performance for Storage Vessels for Petroleum Liquids Constructed after June 11, 1973 and Prior to May 19, 1978 Standards of Performance for Storage Vessels for Petroleum Liquids Constructed after May 18, 1978 Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for which Construction, Reconstruction, or Modification Commenced
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RULE DESCRIPTION

RULE	RULE DESCRIPTION	Section	Rule Section	I	I I	Ī	ŗ				_	_	Dat	ايد
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Onno	Standards of Performance for Secondary Lead							L		_	_		:	

	Standards of Performance for Secondary Lead				
L	Smelters	260.123			
Σ	Standards of Performance for Secondary Brass and Bronze Inost Production Plants	260.133			
	Standards of Performance for Sewage Treatment				
0	Plants	260.154	260.153		
DD	Standards of Performance for Grain Elevators	260.303			
	Standards of Performance for Surface Coating	260.313	260.314	-	
EE	Metal Furniture	260.316	260.315		
	Standards of Performance for Stationary Gas				
GG	Turbines	260.335	260.334		
	Standards of Performance for the Graphic Arts	260.433			
00	Industry: Publication Rotogravure Printing	260.435	260.434		
	Standards of Performance for the Pressure	1			1
_	Sensitive Tape and Label Surface Coating	260.444	260.445		
RR	Operations	260.446	260.447		
	Standard of Performance for the Industrial	260.453	260.454		
SS	Surface Coating Large Appliances	260.456	260.455		
	Standards of Performance for Metal Coil Surface	260.463	260.464		
TT	Coating	260.466	260.465		
			260.544		
	Standards of Performance for the Rubber Tire	260.543	260.545		
BBB	Manufacturing Industry	260.547	260.546		
	Standards of Performance for Flexible Vinyl and		260.584		
FFF	Urethane Coating and Printing	260.583	260.585		
	Standards of Performance for Petroleum Dry				
JJJ	Cleaners				

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

SUBPART	New Source Performance Standards (40 CFR 60)															ſ
Cb, F	Portland Cement Plants										-					Т
Dc	Small Industrial -Commercial -Institutional Steam Generators > 10 MM Btu but < 100 MM Btu.															
Ea	Municipal Waste Combustors				\dashv	_	-			\dashv	\dashv	_				Т
Ð	Nitric Acid Plants			1		+			\dagger	+	-			1		\neg
H & Cb	Sulfuric Acid Plants			\dashv	\dashv	\dashv	\dashv		\dashv	-	-					\neg
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RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility	Engine 1	Engine 2	Engine 3	Engine 4					1 44 4		Future Effective Date	
Subnart																
z	Oxygen Process Furnaces										-					I
Na	Oxygen Process Steelmaking Facilities									+	_	ı				
Ъ	Primary Copper Smelters			\dashv	\dashv	_	_		+	+	\dashv	1				Т
0	Primary Zinc Smelters					-	-		1	\dashv	+	_				1
R	Primary Lead Smelters			\exists	1	\dashv			\dashv	\dashv	+	4				Т
S	Primary Aluminum Reduction Plants			7	+	\dashv				\dashv		-				$\overline{}$
T&U	Phosphate Fertilizer Industry				\dashv	\dashv	_		+	+	+	4				Т
V,W,X	Phosphate Fertilizer Industry			\forall	+	\dashv	-		+	+	+	1				1
Ā	Coal Preparation Plants				\dashv	-			1	\dashv		_				$\overline{}$
Z	Ferroalloy Production Facilities						-		\dashv	\dashv	1	4				Т
AA, AAa	Steel Plants					_				\dashv	+	-				\top
BB	Kraft Pulp Mills				\dashv	-	4		+	+	+	4				
သ	Glass Manufacturing Plants				\dashv	+	_		+	+	-	_			i	\top
HH	Lime Manufacturing Plants					+			1	+	+	_				Т
KK	Lead-Acid Battery Manufacturing Plants				\dashv	\dashv				+	+					\top
TT	Metallic Mineral Processing Plants										\dashv					
MIM	Automobile and Light-Duty Truck Surface Coating Operations															-
Z	Phosphate Rock Plants					_										П
PP	Ammonium Sulfate Manufacture						\dashv		\dashv	\dashv	\dashv	\downarrow		\exists		\neg
DD	Asphalt Processing and Asphalt Roofing Manufacture						\blacksquare		 "	-		\Box				\neg
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W	Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry.																
ww	Beverage Can Surface Coating Industry						-	\dashv		_						į	
X	Bulk Gasoline Terminals							\dashv	\dashv	\dashv	\dashv						
AAA	New Residential Wood Heaters					1			_	_							
DDD	VOC Emissions from the Polymer Mfg. Ind.					\dashv	\dashv		\dashv	\dashv	\dashv						
GGG	Equipment Leaks of VOC in Petroleum Refineries.																
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		Test Method or	Monitoring, Records,	Facility	l ənigna	2 ənigna	E ənignE	4 ənigna								Future	
RULE	RULE DESCRIPTION	Rule Section	Reports, Rule Section		•	•	·									Effective	4)
Subpart															ŀ		
HIHIH	Synthetic Fiber Production Facilities					\dashv	-				_						
KKK, LLL	Onshore Natural Gas Processing: VOC Equipment Leaks and SO ₂ Emissions.															:	
HHH	Synthetic Fiber Production Facilities							-	_								
KKK, LLL	Onshore Natural Gas Processing: VOC Equipment Leaks and SO2 Emissions.																
200	VOC Emissions from Synthetic Organic Chemical Manufacturing Industry Distillation Operations												 				
000	Standard of Performance for Nonmetallic Mineral Processing Plants																
PPP	Wool Fiberglass Insulation Mfg. Plants																
000	VOC Emissions from Petroleum Refinery Wastewater Systems.																
	VOC Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI)																
RRR	Reactor Processes.			\dagger	1	+	+	+	+	+	\downarrow			+	\dagger		
SSS	Magnetic Tape Coating Facilities			1		-	\dashv		_	_	_				1		T
TTT	Industrial Surface Coating Surface, Surface Coating of Plastic Parts for Business Machines.																
מממ	Calciners and Dryers in Mineral Industries.						-	_									
^^^	Polymeric Coating of Supporting Substances Facilities.																
www	Standards of Performance for Municipal Solid Waste Facilities			×					5								

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TITLE V APPLICATION	Summar			ous Air					Monitoring, Records, Reports, Rule Section
	quirements			S FOR HAZARD					Test Method or Rule Section
	Applicable Requirements Summary Checklist (FORM 1401-H1) - continued	Stationary Compression Ignition Internal Combustion Engines NSPS	Stationary Spark Ignition Internal Combustion Engines NSPS	REGULATION XI - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAPS)	General Provisions	Beryllium Extraction Plants, Ceramic Plants, Foundries, Incinerators, Propellant Plants, and Machine Shops that Process Beryllium	Containing Material; and Rocket Motor Firing Test Sites.		RULE DESCRIPTION
		IIII	UUI	SUBPART	V		C, D		RULE

Subpart	
	Mercury Ore Processing; Manufacturing
,	Processes Using Mercury Chloralkali Cells; and
Э	Sludge Incinerators.
	Ethylene Dichloride Mfg. Via Oxygen, HCI and
	Ethylene; Vinyl Chloride Mfg.; and Polyvinyl
Ľ	Chloride Mfg.
	Asbestos Mills; Roadway Surfacing with
	Asbestos Tailings; Manufacture of Products
	Containing Asbestos; Demolition; Renovation;
M	and Spraying and Disposal of Asbestos Waste.
SUBPART	SUBPART NESHAPS (40 CFR 61)
	Underground Uranium Mines; Dept. of Energy
	Facilities; Phosphorus Fertilizer Plants; &
B,Q,R,	Facilities Processing or Disposing of Uranium
T,W,	Ore & Tailings.
	Dept. of Energy; Nuclear Regulatory Commis-
	sion Licensed Facilities; Other Federal Facilities;
	and Elemental Phosphorus Plants.
H,I,K	(Radionuclide)
	Fugitive Process, Storage, and Transfer Equip-
	ment Leaks; Coke By-Product Recovery Plants;
J,L,Y,	Benzene Storage Vessels; Benzene Transfer
BB,FF	Operations; and Benzene Waste Operations.

) - continued
CATION	cklist (FORM 1401-H1
TITLE V APPLICATION	nts Summary Chec
	Applicable Requireme

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								Test Method or Rule Section											
Glass Manufacturer, Primary Copper Smelter, Arsenic Trioxide and Metallic Arsenic Production Facilities.	Pumps, Compressors, Pressure Relief Devices, Connections, Valves, Lines, Flanges, Product Accumulator Vessels, etc. in VHAP Service.	MACT Standards (40 CFR 63)	Amendment: Reopening, Averaging Issue		e Sterilizers	Industrial Process Cooling Towers	Gasoline Distribution Facilities	RULE DESCRIPTION		Halogenated Solvent Cleaning Degreasing	ad Smelters	Marine Tank Loading/Unloading	Ineries	Off-Site Waste and Recovery Operations	63.	oatings)	Shipbuilding for Ship Repair (Surface Coating)	Wood Furniture Industry (Coatings)	
Glass Manufact Arsenic Trioxid Facilities.	Pumps, Compri Connections, V	MACT Standa	Amendment: R	Coke Ovens	Ethylene Oxide Sterilizers	Industrial Proce	Gasoline Distri	X		Halogenated Sc	Secondary Lead Smelters	Marine Tank L	Petroleum Refineries	Off-Site Waste	Magnetic Tape	Aerospace (Coatings)	Shipbuilding fo	Wood Furniture	
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AAAA	Municipal Solid Waste Landfills						+	-		
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מממממ	Surface Coating of Miscellaneous Metal Parts									
MMMM	and Products									
PPPP	Surface Coating of Plastic Parts									
77.77	Reciprocating Internal Combustion Engines									
YYYY	Stationary Combustion Turbines						_			
	California Requirements Under 17 CCR Including	Airborne								
	Toxic Control Measures (ATCM)							-		
	Hexavalent Chromium from Chrome Plating and					- 11				
	Chromic Acid Anodizing Operations									
\$93102	(equivalency under CAA given at 40 CFR 63.99)									
	Perchloroethylene from Dry Cleaning Operations									
893109	(equivalency under CAA given at 40 CFR 63.99)						1	+		
\$93115	Stationary Compression Ignition Engines						-			:
\$93116	Diesel Particulate Matter from Portable Engines Rated ≥50 Horsepower									
\$\$95460 - 95476	Methane Emissions from Municipal Solid Waste								:1	
and	Landfills									
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	40 CFR Part 64 - Compliance Assurance									
	Monitoring				+			+		:
	40 CFR Part 68 Chemical Accident Prevention									
	Title IV - Acid Rain (40 CFR 72 through 78)									
	Title VI-Ozone Depleting Compounds (40 CFR 82								-	
В	Servicing of Motor Vehicle Air Conditioners	В								
ഥ	Servicing of Other Air Conditioners	Ĭ.								

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

Company Name	District Use Only
MM San Diego LLC - North City Facility Address: 4949 Eastgate Mall Road, San Diego, CA 92121	NEDS #

PERMITTED EMISSION UNITS BY EQUIPMENT CATEGORY

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.

Emission Unit Category	Application/ Permit No.	Status of Emission Unit
Engine 1	960022	0
Engine 2	974394	0
Engine 3	974395	0
Engine 4	974396	O
, , , , , , , , , , , , , , , , , , ,		

	ETC 1:12-17 CM	
Page 1	of 1	

		TITLE V APPLICATION Certification Statement (FORM 1401	-I)
		Company Name	District Use Only
		MM San Diego - North City	_ NEDS #
Facility A	ddress:	4949 Eastgate Mall Road, San Diego, CA	SITE ID #
		ry, identify the following: (Read each statement care	fully and
Applicable	Not Applicable	Based on information and belief formed after reason identified in this application will continue to comply with which the source is in compliance. The applical source(s) is/are not in compliance is/are identified in Compliance.	with the applicable requirement ble requirement(s) with which the
	x	Based on information and belief formed after reason identified in this application will comply with the fut requirement(s) on a timely basis.	
	x	Based on information and belief formed after reason identified in the Schedule of Compliance application compliance with the applicable requirement(s), will attached compliance plan schedule.	form that is/are not in
х		Based on information and belief formed after reason application forms, referenced documents, all accompanied certifications are true, accurate, and companies	panying reports, and other
x		All fees required by Regulation III, Rule 40 have bee	en paid.
	Gra	wal	05/16/2018

Date

(716) 439-1004

13MHY17 = 3,32 PPCD

Telepone No. of Responsible Official

Signature of Responsible Official

Print Name of Responsible Official

Senior Vice President - Operations

Anthony J. Falbo

Title of Responsible Official

	District Use Only	NEDS#	SITE ID#
TITLE V APPLICATION Compliance Certification Schedule (FORM 1401-K)	Company Name	MM San Diego LLC - North City	acility Address: 4949 Fastpate Mall Road. San Diego, CA 92121

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.

Permit No.	Emission Unit Name	Applicable Requirements	Frequency
NONE			
	ni n		
412			
-			
0			

TITLE V APPLICATION Abatement Devices (FORM 1401-	M)
Company Name	District Use Only
MM San Diego LLC - North City	NEDS #
Facility Address: 4949 Eastgate Mall Road, San Diego, CA 92121	SITE ID #

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
NONE	TO THE STATE OF TH	
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Page	1	of 1	

TITLE V APPLICATION
Multiple Applicable Requirements Streamlining (FORM 1401-O)

Company Name	District Use Only
MM San Diego LLC - North City	NEDS #
Facility Address: 4949 Eastgate Mall Road, San Diego, CA 92121	SITE ID #

MULTIPLE APPLICABLE REQUIREMENTS STREAMLINING If more space is required, use additional forms. Please type or print legibly.

Application No(s) Permit No(s)	Multiple Applicable Requirements	Streamlined Requirements	Attachment Number
PTO-960022	Remove conditions: 2, 3, 6, 26, 27, 28, 29, 30.	70	
PTO-974395	Remove conditions: 2, 3, 6, 26, 27, 28, 29, 30		
		1 37 8 (1990)	
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		Access (Marie Va	
			Vonta
3			
145			

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FORTISTAR Methane Group

MM San Diego LLC
North City Plant
4949 Eastgate Mall Road • San Diego, California 92121-1208
Tel. (858) 677-9265 • Fax. (858) 677-9290

April 30, 2018

Arthur Carbonell
San Diego County Air Pollution Control District
10124 Old Grove Road
San Diego, CA 92131-1649

Subject:

MM San Diego - North City

Request for Revision of Permits to Operate 960022 & 974395

Dear Mr. Carbonell:

We have recently received updated Permits to Operate (PTO) for the four engines at the above mentioned facility. Upon review of these permits we would like to note that conditions throughout PTO's 960022 (engine #1) and 974395 (engine #3) do not accurately reflect conditions that are applicable to our facility.

The issue with the PTOs for engine 1 and engine 3 is that many conditions throughout the permit reference 40 CFR 63 Subpart ZZZZ. It was previously determined by the San Diego Air Pollution Control District (SDAPCD) that this facility is not subject to Subpart ZZZZ regulations. This determination by the SDAPCD can be seen in the enclosed documentation which shows that an issued NOV related to Subpart ZZZZ was rescinded. Furthermore, PTO's 974394 (engine #2) and 974396 (engine #4) have been more recently updated and do not reference conditions related to Subpart ZZZZ.

Maintaining PTOs that properly reflect applicable conditions at our facility is important to ensure there is no confusion related to continued compliance. Due to the above mentioned items, we are requesting the SDAPCD revise PTOs 960022 and 974395 by removing Subpart ZZZZ requirements and inputting conditions consistent with the more recently updated PTOs for the facility.

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

Sincerely,

Anthony J. Falbo Senior Vice President - Operations FORTISTAR Methane Group MM San Diego LLC - North City

Enclosures:

cc:

Permits to Operate (expire 3-31-19)

Support Documentation on ZZZZ Applicability

Suparna Chakladar, FMG

PRINCIPLE BUT SEED OF STREET

226654

AIR POLLUTION CONTROL DISTRICT

COUNTY OF SAN DIEGO 10124 OLD GROVE ROAD SAN DIEGO CA 92131-1649 PHONE (858) 586-2650 FAX (858) 586-2651

Sector/ID	6/29188
P/O#5	Belew?
Fee Code	348
Method	AI
Entered	
(APCD use only)	

NOTICE OF VIOLATION

Date(s) of Viola	tion 10/7/15	Date of Report 10/7/15		
	ESOTA ALEMANE LLC NOWTH CIT			
The second secon	V Committee of the comm			
Address Jos	7 YUNDTION RD.	City Cotty N.Y. 14094 (Zip Code)		
Violation Locati	ion 4949 Edstart Nall	* City SAM DIESO 92121		
(Zip Code)				
Specifically, the following violation(s) of the San Diego Air Pollution Control District rules and/or laws of the State of California has occurred: (abbreviations: H&S = Cal. Health & Safety Code; CCR = Cal. Code of Regulations; R = Rule)				
Section Description of Violation				
Section	9/0# 960002, 9/c# 974394			
17 11/10				
C-11(87)	By FAILING TO SUBMIT	SERVIALAUNI OF MPLIANCE A-PORT		
P. MILL T. D.		RETORING PERIOD. STORFICE		
C-191842.0		PULLANDUPL COMPHANES REPORT		
		A REPORTING PETRICO TANI, 2013		
	THIC USH YUNE 30, SCIO.	REPERING PRICE		
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		ELECTRICAL CONTRACTOR OF THE PARTY OF THE PA		
Pursuant to California Health And Safety Code section 42400 et seq., any person who violates any Order, Rule, or Regulation of the State Board or of an Air Pollution Control District is guilty of a MISDEMEANOR. Each day a violation occurs constitutes a separate offense.				
YOU MUST ADVISE THE DISTRICT IN WRITING, WITHIN TEN DAYS, OF THE ACTION TAKEN TO				
CORRECT THE ALLEGED VIOLATION(S) OR THE REASON(S) YOU BELIEVE THE VIOLATION(S) DID				
NOT OCCUR. PLEASE MAIL YOUR RESPONSE TO THE AIR POLLUTION CONTROL DISTRICT, ATTENTION: COMPLIANCE DIVISION, 10124 OLD GROVE RD., SAN DIEGO, CALIFORNIA 92131-1649.				
Inspector	Augustrus 1A	Date 10/4/15 Time 9:10		
SIGNING THIS NOTICE ACKNOWLEDGES RECEIPT OF THIS NOTICE, IT IS NOT AN ADMISSION OF GUILT.				
Received by	Robert Smith Jr.	Title Sor Diego Area Munager		
Signature /	alet Print name)	Date October 7, 2015		
(See reverse side for more information)				
(Dec reverse sine joi more injoinminos)				



Air Pollution Control Board

Greg Cox District 1
Dianne Jacob District 2
Dave Roberts District 3
Ron Roberts District 4
Bill Horn District 5

January 12, 2016

SUPARNA CHAKLADAR MINNESOTA METHANE LLC NORTH CITY FACILITY 5087 JUNCTION RD LOCKPORT NY 14094

RE: NOTICE OF VIOLATION NUMBER 226654

Date Notice of Violation Issued:

October 7, 2015

Location of Violation:

494 Eastgate Mall, San Diego CA 92121

Dear Suparna Chakladar:

The Air Pollution Control District hereby dismisses the above Notice of Violation for the following reason: After further evaluation the District has determined the above reference was issued in error. Therefore, this violation will be designated Void and the penalties in the amount of \$1,000 will be refunded.

We apologize for any inconvenience this may have caused.

Exerce Mathews

If there are any questions about this matter, please contact me at (858) 586-2654 or Penelope.Matthews@sdcounty.ca.gov

Sincerely,

PENELOPE MATTHEWS Civil Actions Investigator

Reference No. APCD2015-NOV-000584

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10124 OLD GROVE ROAD, SAN DIEGO, CA 92131 PHONE (858) 586-2600 FAX (858) 586-2601

www.sdapcd.org

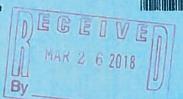
Sectors:

3. G

Site Record ID: APCD1996-SITE-09688

Application Record ID: APCD Condition Update

PERMIT RECORD ID APCD2006-PTO-960022



Minnesota Methane LLC North City Suparna Chakladar

5087 Junction Rd Lockport NY 14094 **EQUIPMENT ADDRESS**

Minnesota Methane LLC North Renato J Potosme 4949 Eastgate Mall San Diego CA 92121

PERMIT TO OPERATE

EXPIRES: March 31, 2019

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

The above 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.

EQUIPMENT OWNER

EQUIPMENT DESCRIPTION

COGENERATION ENGINE #1: CATERPILLAR, MODEL 35165ITA, LANDFILL AND NATURAL GAS FIRED, 1342 BHP, LEAN BURN, TURBOCHARGED, AFTERCOOLED, AIR/FUEL CONTROLLER, S/N 4EK00279, DRIVING A 950-KW GENERATOR. (960022 ALC 09/00)(971634 ALC 09/00)(976546 ALC 02/02)983083 AFS 27JUN05

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: 1 [92F] NOx and CO Source Test

1 [92M] Mass Emissions Test (T&M)

1 [92R] VOC Lab Analysis

1 [34B] Cogeneration Engine w/ Emission Controls

BEC: APCD2014-CON-000771

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

- Permittee shall comply with all applicable Requirements of Rule 53, Rule 62, Rule 69.4 and 40 CFR Part 60 Subpart www.
- Permittee must operate and maintain the stationary engine and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. The periodic maintenance shall be conducted at least once per calendar year. [Rule 12, 17 CCR 93115, and 40CFR Subpart ZZZZ §63.6625(e)(6)]

Revision Date: 07/01/2016 Version History# 4

Page 1 of 4

Print Date: Feb 22, 2018 APC034 - Ver. 1.25



10124 OLD GROVE ROAD, SAN DIEGO, CA 92131 PHONE (858) 586-2600 FAX (858) 586-2601

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3, G Sectors:

Site Record ID: APCD1996-SITE-09688 Application Record ID: APCD Condition Update APCD2006-PTO-960022

PERMIT RECORD ID

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- 3. The engine and any associated control equipment and monitoring equipment, shall be operated and maintained at all times in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require further efforts to reduce emissions if the equipment is in compliance with all requirements of this authorization. Compliance with this requirement will be based on available information, including but not limited to operations and maintenance procedures, control systems statements, records, test results and reports and equipment inspection. (40 CFR Subpart ZZZZ §63.6605(b))
- The owner or operator shall conduct periodic maintenance of this engine and any add-on control equipment, as 4. applicable, as recommended by the engine and control equipment manufacturer or as specified by any other maintenance procedure approved in writing by the District. The periodic maintenance shall be conducted at least once each calendar year. (Rule 69.4.1)
- The owner or operator shall minimize engine operating time spent at idle during startup and minimize the engine's startup 5. time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.(40CFR Subpart ZZZZ §63.6625(h))
- The permittee shall perform the following functions and replace equipment as necessary. Inspection shall be done every 6. after 1,440 hours of operation or annually, whichever comes first.
 - 1) Change engine oil and filter; or test the oil in accordance with 40 CFR § 63.6625(i)
 - 2) Inspect spark plugs
 - 3) Inspect all hoses and belts (40 CFR 63 Subpart ZZZZ §63.6603(a) and Table 2d(13)(a-c))
- There shall be no leaks of Landfill Gas from the Collection System and along the gas transfer path in excess of 1,375 7. PPM (as Methane) measured at a distance of 1/2 inches from the transfer path other than non-repeatable momentary readings, except during maintenance, repair or sampling activities.
- Natural gas usage for the facility shall not exceed 23 million cubic feet during each and every 12 consecutive month 8. period. Records demonstrating compliance with this limit shall be maintained on site for at least five years and made available for inspection by the District upon request.
- Emissions of Oxide of Nitrogen (NOX) in the engine exhaust shall not exceed 1 gram per brake horsepower-hour. 9.
- Emissions of Carbon Monoxide (CO) in the engine exhaust shall not exceed 3 grams per brake horsepower-hour. 10.
- Emissions of non-methane hydrocarbons (NMHC) in the engine exhaust shall not exceed 0.55 grams per brake 11. horsepower-hour.
- 12. Permittee shall comply with all applicable requirements of Rule 69.4 and Rule 69.4.1. (Rule 69.4 and Rule 69.4.1)
- Permittee shall maintain records in accordance with all applicable requirements of Rule 69.4 and 69.4.1. (Rules 69.4 and 13. 69.4.1)
- The Sulfur content of any gaseous fuel burned shall not exceed 0.05% by weight. 14.
- Particulate emissions shall not exceed 0.10 grains per dry standard cubic foot of gas which is standardized to 12 percent of Carbon Dioxide by volume.
- Particulate Emissions shall be measured in accordance with District Method 5. 16.
- The Sulfur content of fuel shall be measured in accordance with ASTM Test Method D-3246. 17.
- In the event that the gas collection system or the engines are inoperable, all valves which vent landfill gas to atmosphere shall be closed within 1 hour. The permittee shall maintain records of these valve closures, including the time the system or engines become inoperable and the time of valve closure. Records shall be maintained for five years and made available to the District upon request. (40 CFR Part 60, Subpart WWW)



10124 OLD GROVE ROAD, SAN DIEGO, CA 92131 PHONE (858) 586-2600 FAX (858) 586-2601

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Sectors: Site Record ID: 3, G

Site Record ID: APCD1996-SITE-09688
Application Record ID: APCD Condition Update

PERMIT RECORD ID APCD2006-PTO-960022



- 19. This equipment shall be source tested once each permit year (annual source test) to demonstrate compliance with the emission standards contained in this permit. For the purposes of this permit, a permit year is the 12-month period ending on the last day of the permit expiration month. It is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District. Each annual source test shall be separated by at least 90 days from any annual source test performed in a different permit year.
- Concentrations of NOx, CO, and O2 in the engine exhaust shall be measured in accordance with SDCAPCD Test
 Method 100. The averaging periods for the measurement and engine brake horsepower output during the measurement
 shall be in accordance with Rule 69.4. (Rule 69.4)
- Concentrations of NMHC in the engine exhaust shall be measured in accordance with SDCAPCD Test Methods 25A
 and/or 18. The averaging periods for the engine brake horsepower output during the measurement shall be in
 accordance with Rule 69.4. (Rule 69.4)
- 22. The air to fuel ratio controller and the oxygen sensor shall be inspected, calibrated or replaced per Caterpillar guidelines during scheduled maintenance periods. These scheduled maintenance periods shall occur every 30 to 60 days, and shall not extend beyond 60 days between periods. Records of the dates of maintenance performance, inspection, calibration, and replacement shall be maintained for at least 5 years and made available for inspection by the District upon request. (Rules 69.4 and 69.4.1)
- 23. The Permittee shall submit an Application and obtain written authorization from the District before altering any portion of the System in a manner which may affect emissions from the facility, except for necessary repair, maintenance and identical replacement.
- 24. Emissions of Oxides of Nitrogen, calculated as Nitrogen Dioxide (NO2), shall not exceed 65 parts per million by volume on a dry basis (PPMVD) corrected to 15% Oxygen.
- 25. Records required by Rules 69.4 and 69.4.1 shall be maintained on site for 3 years. (Rule 69.4 and Rule 69.4.1)
- 26. The owner or operator of an affected source subject to the provisions of 40CFR 63 Subpart ZZZZ shall maintain files of all information (including all reports and notifications) required by this part recorded in a form suitable and readily available for expeditious inspection and review. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. (40 CFR 63, Subpart ZZZZ §63.6660 (b))
- 27. The owner or operator shall submit a semiannual compliance report recording each instance in which the facility did not meet the requirements in Table 2d to 40 CFR 63, subpart ZZZZ. (40 CFR 63 Subpart ZZZZ §63.6640 (a-b)).
- 28. For the purposes of this authorization "deviation" shall have the same meaning as in 40 CFR 63 subpart ZZZZ.

 Generally, it is any time that the owner or operator failed to meet any requirement of 40 CFR 63 subpart ZZZZ contained in this authorization, including the general duty to minimize emissions at all times as required by 40 CFR 63.6(e)(1)(i).

 (40 CFR 63 Subpart ZZZZ and 40 CFR 63.6(e)(1)(i))
- 29. The owner or operator shall submit a semiannual compliance report to the District by the end of the month following each reporting period. Reporting periods are January 1 through June 30 and July 1 through December 31. The semiannual compliance report shall contain:
 - (a) Company name and address,
 - (b) Statement by a responsible official (with name, title, and signature) certifying the accuracy of the report content,
 - (c) Date of report and dates of reporting period,
 - (d) The number, duration, and a brief description for each type of deviation which occurred during the reporting period and a description of actions taken to minimize emission and corrective actions taken,
 - (e) If there are no deviations from requirements, a statement that there were no deviations
 - (f) If there are deviations during the reporting period, the following information shall be included:
 - 1. Date and time that each malfunction started and stopped,
 - 2 A summary of total duration of the deviation during the reporting period, and the total duration as a percent of the total source operating time during the reporting period. (40 CFR 63, Subpart ZZZZ §63.6650(b-d)



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT 10124 OLD GROVE ROAD, SAN DIEGO, CA 92131

PHONE (858) 586-2600 FAX (858) 586-2601

www.sdapcd.org

Sectors:

3. G

Site Record ID: APCD1996-SITE-09688
Application Record ID: APCD Condition Update

PERMIT RECORD ID APCD2006-PTO-960022



- 30. Each affected source that has obtained a Title V operating permit pursuant to 40 CFR part 70 or 71 must report all deviations as defined in 40CFR 63 Subpart ZZZZ in the semiannual monitoring report. If an affected source submits a compliance report pursuant to Table 7 of 40CFR 63 Subpart ZZZZ along with, or as part of, the Title V semiannual monitoring report, and the compliance report includes all required information concerning deviations from any emission or operating limitation in 40CFR 63 Subpart ZZZZ, submission of the compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. (40CFR 63 Subpart ZZZZ §63.6650(f))
- 31. Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
- 32. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 33. 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.)
- 34. The engine(s) covered by this permit is considered a control device and the landfill gas duct leading to the engine is considered a collection device in accordance with Title 17 California Code of Regulations (CCR) Division 3, Chapter 1, Subchapter 10, Article 4, SUBARTICLE 6. METHANE EMISSIONS FROM MUNICIPAL SOLID WASTE LANDFILLS, and are therefore subject to applicable requirements from this regulation which include, but may not be limited to, the following conditions.
- 35. There shall be no leaks of landfill gas from the collection system and along the gas transfer path in excess of 500 ppmv (as methane) measured at a distance of 1/2 inches from the transfer path other than non-repeatable momentary readings.

 [17 CCR § 95464(b)(1)(B) and the definition of component leak at § 95475(b)]
- 36. This engine must achieve a methane destruction efficiency of at least 99 percent by weight. Lean burn internal combustion engines must reduce the outlet methane concentration to less than 3,000 ppmv, dry basis, corrected to 15 percent oxygen.

 [17 CCR 95464(b)(3)(A)]
- 37. 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 of this subarticle. 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)]
- 38. Recordkeeping five year retention: In addition to any other records required by this permit, the owner or operator of any gas control device must maintain the following records for at least five (5) years:

 a. 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.
 - b. Results of any source tests conducted pursuant to section 95464(b)(4).
 - c. 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:

 [17 CCR § 95470(a)(1)]
- 39. Recordkeeping retention for life of control device: The owner or operator of any gas control device 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). [17 CCR § 95470(a)(2)]



10124 OLD GROVE ROAD, SAN DIEGO, CA 92131 PHONE (858) 586-2600 FAX (858) 586-2601

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Sectors:

3, G

Site Record ID:

APCD1996-SITE-09688

Application Record ID: APCD Condition Update

PERMIT RECORD ID

APCD2006-PTO-974394

By

Minnesota Methane LLC North City Suparna Chakladar 5087 Junction Rd

Lockport NY 14094

EQUIPMENT ADDRESS

Minnesota Methane LLC North Renato J Potosmo 4949 Eastgate Mall San Diego CA 92121

PERMIT TO OPERATE

EXPIRES: March 31, 2019

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

The above 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.

EQUIPMENT OWNER

EQUIPMENT DESCRIPTION

Engine #2: Caterpillar, Model G3516SiTA, landfill and natural gas fired, 1342 BHP, lean burn, turbocharged, aftercooled, air/fuel controller, S/N 4EK01052, driving a 950-kW generator.

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: 1 [92M] Mass Emissions Test (T&M)

1 [34D] Engine for Non-Emergency & Non-Cogeneration

1 [92R] VOC Lab Analysis

1 [92Z] Miscellaneous Source Test (T&M)

1 [92F] NOx and CO Source Test

BEC: APCD2015-CON-001125

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

- All equipment shall be kept in good operating conditions and shall be properly maintained in accordance with the manual 1. of recommended maintenance provided by the engine manufacturer. The manual shall be kept on site.
- There shall be no leaks of landfill gas from the collection system and along the gas transfer path in excess of 500 PPM 2 (as methane) measured at a distance of 1/2 inches from the transfer path other than non-repeatable momentary readings. (17 CCR 95475(a)(2))
- Emissions of Oxide of Nitrogen (NOX) in the engine exhaust shall not exceed 1 gram per brake horsepower-hour. 3.
- Emissions of Oxides of Nitrogen, calculated as Nitrogen Dioxide (NO2), shall not exceed 65 parts per million by volume 4 on a dry basis (PPMVD) corrected to 15% Oxygen.
- Emissions of Carbon Monoxide (CO) in the engine exhaust shall not exceed 3 grams per brake horsepower-hour. 5.

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- Emissions of non-methane hydrocarbons (NMHC) in the engine exhaust shall not exceed 0.55 grams per brake horsepower-hour.
- 7. The Sulfur content of any gaseous fuel burned shall not exceed 0.05% by weight.
- 8. Particulate Emissions shall not exceed 0.10 grains per dry standard cubic foot of gas which is standardized to 12 percent of Carbon Dioxide by volume.
- 9. Particulate Emissions shall be measured in accordance with District Method 5.
- 10. The Sulfur content of fuel shall be measured in accordance with ASTM Test Method D-3246.
- 11. In the event that the gas collection system or the engines are inoperable, all valves which vent landfill gas to atmosphere shall be closed within 1 hour. The permittee shall maintain records of these valve closures, including the time the system or engines become inoperable and the time of valve closure. Records shall be maintained for five years and made available to the District upon request. (40 CFR Part 60, Subpart WWW)
- 12. The owner or operator shall conduct periodic maintenance of this engine and any add-on control equipment, as applicable, as recommended by the engine and control equipment manufacturer or as specified by any other maintenance procedure approved in writing by the District. The periodic maintenance shall be conducted at least once each calendar year. (Rule 69.4.1)
- 13. A non-resettable totalizing fuel meter shall be installed on this engine, maintained in good working order and used for recording engine fuel consumption. If a meter is replaced when the emission unit is operating on site, the Air Pollution Control District's compliance division shall be notified in writing within in 10 calendar days. The written notifications shall include the following information:
 - a. old meter's reading.
 - b. replacement meter's manufacturer name, model and serial number if available and current reading on replacement meter; and
 - c. copy of receipt of new meter or of installation work order.
 - A copy of the meter replacement notification shall be maintained on site and made available to the Air Pollution Control District upon request. (Rule 69.4.1)
- 14. Natural gas usage for the facility shall not exceed 23 million standard cubic feet during each and every 12 consecutive month period. Records demonstrating compliance with this limit shall be maintained on site for at least five years and made available for inspection by the District upon request.
- 15. The annual heat input from the combustion of landfill gas shall be equivalent to 10% or more of the total annual gross heat input to this equipment.
- 16. The following records shall be recorded monthly, maintained on site for a minimum of five years and made available to District personnel upon request:
 - a. monthly landfill gas usage, standard cubic feet;
 - b. average monthly landfill gas heating value, Btu per cubic feet;
 - c, percentage of gross heat input to this equipment from the combustion of landfill gas.
- 17. This equipment shall be source tested once each permit year (annual source test) to demonstrate compliance with the emission standards contained in this permit. For the purposes of this permit, a permit year is the 12-month period ending on the last day of the permit expiration month. It is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District. Each annual source test shall be separated by at least 90 days from any annual source test performed in a different permit year.
- 18. Concentrations of NOx, CO and O2 in the exhaust shall be measured in accordance with SDC APCD Test Method 100.
- 19. Concentrations of NMHC in the exhaust shall be measured in accordance with SDC APCD Test Methods 25A and/or 18.



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- The air to fuel ratio controller and the oxygen sensor shall be inspected, calibrated or replaced per Caterpillar guidelines during scheduled maintenance periods. These scheduled maintenance periods shall occur every 30 to 60 days, and shall not extend beyond 60 days between periods. Records of the dates of maintenance performance, of inspection, calibration, replacement shall be maintained on site for at least 5 years and made available for inspection by the District upon request.
- The Owner or Operator shall conduct periodic inspections of each Engine, and any add-on control equipment as applicable, to ensure that the Engine and control equipment is operated in compliance with the Provisions of this Permit to Operate. The periodic inspections shall be conducted at least once every six months.
- The Owner or Operator shall conduct periodic maintenance of each Engine, and any add-on control equipment as applicable, as recommended by the Engine and control equipment manufacturers or as specified by any other maintenance procedure approved in writing by the District. The periodic maintenance shall be conducted at least once each calendar year.
- The owner or operator shall keep a manual of recommended maintenance provided by the manufacturer or other 23. maintenance procedures as approved in writing by the District.
- The owner or operator shall maintain an operating log containing, at a minimum, the following: 24.
 - -records of periodic engine inspections
 - -the dates the inspection was performed
 - -records of engine maintenance
 - -the dates maintenance was performed
 - -the nature of the maintenance
- The Permittee shall submit an Application and obtain written authorization from the District before altering any portion of the System in a manner which may affect emissions from the facility, except for necessary repair, maintenance and identical replacement.
- All records required by this written permit shall be maintained on site for a minimum of five years and made available to 26. the District upon request. (Rule 1421)
- Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon 27. request of the Air Pollution Control District.
- This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by 28. other governmental agencies.
- 29. 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.)
- The engine(s) covered by this permit is considered a control device and the landfill gas duct leading to the engine is 30. considered a collection device in accordance with Title 17 California Code of Regulations (CCR) Division 3, Chapter 1, Subchapter 10, Article 4, SUBARTICLE 6. METHANE EMISSIONS FROM MUNICIPAL SOLID WASTE LANDFILLS, and are therefore subject to applicable requirements from this regulation which include, but may not be limited to, the following conditions.
- There shall be no leaks of landfill gas from the collection system and along the gas transfer path in excess of 500 ppmy 31. (as methane) measured at a distance of 1/2 inches from the transfer path other than non-repeatable momentary readings. [17 CCR § 95464(b)(1)(B) and the definition of component leak at § 95475(b)]
- This engine must achieve a methane destruction efficiency of at least 99 percent by weight. Lean burn internal 32. combustion engines must reduce the outlet methane concentration to less than 3,000 ppmv, dry basis, corrected to 15 percent oxygen. [17 CCR 95464(b)(3)(A)]



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Components containing landfill gas and under positive pressure must be monitored quarterly for leaks. Any component 33 leak must be tagged and repaired within 10 calendar days, or it is a violation of this subarticle. 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)]

- Recordkeeping five year retention: In addition to any other records required by this permit, the owner or operator of any gas control device must maintain the following records for at least five (5) years:
 - a. 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.
 - b. Results of any source tests conducted pursuant to section 95464(b)(4).
 - c. 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: [17 CCR § 95470(a)(1)]
- Recordkeeping retention for life of control device: The owner or operator of any gas control device must maintain the 35. 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). [17 CCR § 95470(a)(2)]



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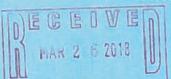
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Minnesota Methane LLC North City Suparna Chakladar 5087 Junction Rd

Lockport NY 14094

EQUIPMENT ADDRESS

Minnesota Methane LLC North Renato J Potosme 4949 Eastgate Mall San Diego CA 92121

PERMIT TO OPERATE

EXPIRES: March 31, 2019

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

The above 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.

EQUIPMENT OWNER

EQUIPMENT DESCRIPTION

COGENERATION ENGINE #3: CATERPILLAR, MODEL 35165 ITA, LANDFILL AND NATURAL GAS FIRED, 1342 BHP, LEAN BURN, TURBOCHARGED, AFTERCOOLED, AIR/FUEL CONTROLLER, S/N 4EK01701, DRIVING A 950-KW GENERATOR. (974395 ALC 09/00) (976548 ALC 02/02) 983083AFS27JUN05

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: 1 [92F] NOx and CO Source Test

1 [92M] Mass Emissions Test (T&M)

1 [92R] VOC Lab Analysis

1 [34B] Cogeneration Engine w/ Emission Controls

BEC: APCD2014-CON-000771

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

- Permittee shall comply with all applicable Requirements of Rule 53, Rule 62, Rule 69.4 and 40 CFR Part 60 Subpart WWW.
- Permittee must operate and maintain the stationary engine and after-treatment control device (if any) according to the 2. manufacturer's emission-related written instructions or develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. The periodic maintenance shall be conducted at least once per calendar year. [Rule 12, 17 CCR 93115, and 40CFR Subpart ZZZZ §63.6625(e)(6)]

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- The engine and any associated control equipment and monitoring equipment, shall be operated and maintained at all times in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require further efforts to reduce emissions if the equipment is in compliance with all requirements of this authorization. Compliance with this requirement will be based on available information, including but not limited to operations and maintenance procedures, control systems statements, records, test results and reports and equipment inspection.

 (40 CFR Subpart ZZZZ §63.6605(b))
- 4. The owner or operator shall conduct periodic maintenance of this engine and any add-on control equipment, as applicable, as recommended by the engine and control equipment manufacturer or as specified by any other maintenance procedure approved in writing by the District. The periodic maintenance shall be conducted at least once each calendar year. (Rule 69.4.1)
- 5. The owner or operator shall minimize engine operating time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.(40CFR Subpart ZZZZ §63.6625(h))
- 6. The permittee shall perform the following functions and replace equipment as necessary. Inspection shall be done every after 1,440 hours of operation or annually, whichever comes first.
 - 1) Change engine oil and filter; or test the oil in accordance with 40 CFR § 63.6625(i)
 - 2) Inspect spark plugs
 - 3) Inspect all hoses and belts (40 CFR 63 Subpart ZZZZ §63.6603(a) and Table 2d(13)(a-c))
- 7. There shall be no leaks of Landfill Gas from the Collection System and along the gas transfer path in excess of 1,375 PPM (as Methane) measured at a distance of 1/2 inches from the transfer path other than non-repeatable momentary readings, except during maintenance, repair or sampling activities.
- Natural gas usage for the facility shall not exceed 23 million cubic feet during each and every 12 consecutive month
 period. Records demonstrating compliance with this limit shall be maintained on site for at least five years and made
 available for inspection by the District upon request.
- 9. Emissions of Oxide of Nitrogen (NOX) in the engine exhaust shall not exceed 1 gram per brake horsepower-hour.
- 10. Emissions of Carbon Monoxide (CO) in the engine exhaust shall not exceed 3 grams per brake horsepower-hour.
- 11. Emissions of non-methane hydrocarbons (NMHC) in the engine exhaust shall not exceed 0.55 grams per brake horsepower-hour.
- 12. Permittee shall comply with all applicable requirements of Rule 69.4 and Rule 69.4.1. (Rule 69.4 and Rule 69.4.1)
- 13. Permittee shall maintain records in accordance with all applicable requirements of Rule 69.4 and 69.4.1. (Rules 69.4 and 69.4.1)
- 14. The Sulfur content of any gaseous fuel burned shall not exceed 0.05% by weight.
- 15. Particulate emissions shall not exceed 0.10 grains per dry standard cubic foot of gas which is standardized to 12 percent of Carbon Dioxide by volume.
- 16. Particulate Emissions shall be measured in accordance with District Method 5.
- 17. The Sulfur content of fuel shall be measured in accordance with ASTM Test Method D-3246.
- 18. In the event that the gas collection system or the engines are inoperable, all valves which vent landfill gas to atmosphere shall be closed within 1 hour. The permittee shall maintain records of these valve closures, including the time the system or engines become inoperable and the time of valve closure. Records shall be maintained for five years and made available to the District upon request. (40 CFR Part 60, Subpart WWW)



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- 19. This equipment shall be source tested once each permit year (annual source test) to demonstrate compliance with the emission standards contained in this permit. For the purposes of this permit, a permit year is the 12-month period ending on the last day of the permit expiration month. It is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District. Each annual source test shall be separated by at least 90 days from any annual source test performed in a different permit year.
- Concentrations of NOx, CO, and O2 in the engine exhaust shall be measured in accordance with SDCAPCD Test
 Method 100. The averaging periods for the measurement and engine brake horsepower output during the measurement
 shall be in accordance with Rule 69.4. (Rule 69.4)
- Concentrations of NMHC in the engine exhaust shall be measured in accordance with SDCAPCD Test Methods 25A and/or 18. The averaging periods for the engine brake horsepower output during the measurement shall be in accordance with Rule 69.4. (Rule 69.4)
- 22. The air to fuel ratio controller and the oxygen sensor shall be inspected, calibrated or replaced per Caterpillar guidelines during scheduled maintenance periods. These scheduled maintenance periods shall occur every 30 to 60 days, and shall not extend beyond 60 days between periods. Records of the dates of maintenance performance, inspection, calibration, and replacement shall be maintained for at least 5 years and made available for inspection by the District upon request. (Rules 69.4 and 69.4.1)
- 23. The Permittee shall submit an Application and obtain written authorization from the District before altering any portion of the System in a manner which may affect emissions from the facility, except for necessary repair, maintenance and identical replacement.
- 24. Emissions of Oxides of Nitrogen, calculated as Nitrogen Dioxide (NO2), shall not exceed 65 parts per million by volume on a dry basis (PPMVD) corrected to 15% Oxygen.
- 25. Records required by Rules 69.4 and 69.4.1 shall be maintained on site for 3 years. (Rule 69.4 and Rule 69.4.1)
- 26. The owner or operator of an affected source subject to the provisions of 40CFR 63 Subpart ZZZZ shall maintain files of all information (including all reports and notifications) required by this part recorded in a form sultable and readily available for expeditious inspection and review. The files shall be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. (40 CFR 63, Subpart ZZZZ §63.6660 (b))
- 27. The owner or operator shall submit a semiannual compliance report recording each instance in which the facility did not meet the requirements in Table 2d to 40 CFR 63, subpart ZZZZ. (40 CFR 63 Subpart ZZZZ §63.6640 (a-b)).
- 28. For the purposes of this authorization "deviation" shall have the same meaning as in 40 CFR 63 subpart ZZZZ.

 Generally, it is any time that the owner or operator falled to meet any requirement of 40 CFR 63 subpart ZZZZ contained in this authorization, including the general duty to minimize emissions at all times as required by 40 CFR 63.6(e)(1)(i).

 (40 CFR 63 Subpart ZZZZ and 40 CFR 63.6(e)(1)(i))
- 29. The owner or operator shall submit a semiannual compliance report to the District by the end of the month following each reporting period. Reporting periods are January 1 through June 30 and July 1 through December 31. The semiannual compliance report shall contain:
 - (a) Company name and address,
 - (b) Statement by a responsible official (with name, title, and signature) certifying the accuracy of the report content,
 - (c) Date of report and dates of reporting period,
 - (d) The number, duration, and a brief description for each type of deviation which occurred during the reporting period and a description of actions taken to minimize emission and corrective actions taken.
 - (e) If there are no deviations from requirements, a statement that there were no deviations
 - (f) If there are deviations during the reporting period, the following information shall be included:
 - 1. Date and time that each malfunction started and stopped,
 - 2. A summary of total duration of the deviation during the reporting period, and the total duration as a percent of the total source operating time during the reporting period. (40 CFR 63, Subpart ZZZZ §63.6650(b-d)



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- 30. Each affected source that has obtained a Title V operating permit pursuant to 40 CFR part 70 or 71 must report all deviations as defined in 40CFR 63 Subpart ZZZZ in the semiannual monitoring report. If an affected source submits a compliance report pursuant to Table 7 of 40CFR 63 Subpart ZZZZ along with, or as part of, the Title V semiannual monitoring report, and the compliance report includes all required information concerning deviations from any emission or operating limitation in 40CFR 63 Subpart ZZZZ, submission of the compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. (40CFR 63 Subpart ZZZZ §63.6650(f))
- Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
- 32. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 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.)
- 34. The engine(s) covered by this permit is considered a control device and the landfill gas duct leading to the engine is considered a collection device in accordance with Title 17 California Code of Regulations (CCR) Division 3, Chapter 1, Subchapter 10, Article 4, SUBARTICLE 6. METHANE EMISSIONS FROM MUNICIPAL SOLID WASTE LANDFILLS, and are therefore subject to applicable requirements from this regulation which include, but may not be limited to, the following conditions.
- 35. There shall be no leaks of landfill gas from the collection system and along the gas transfer path in excess of 500 ppmv (as methane) measured at a distance of 1/2 inches from the transfer path other than non-repeatable momentary readings.
 - [17 CCR § 95464(b)(1)(B) and the definition of component leak at § 95475(b)]
- 36. This engine must achieve a methane destruction efficiency of at least 99 percent by weight. Lean burn internal combustion engines must reduce the outlet methane concentration to less than 3,000 ppmv, dry basis, corrected to 15 percent oxygen.
 [17 CCR 95464(b)(3)(A)]
- 37. 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 of this subarticle. 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)]
- 38. Recordkeeping five year retention: In addition to any other records required by this permit, the owner or operator of any gas control device must maintain the following records for at least five (5) years:

 a. 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.

 b. Results of any source tests conducted pursuant to section 95464(b)(4).
 - c. 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:

 [17 CCR § 95470(a)(1)]
- 39. Recordkeeping retention for life of control device: The owner or operator of any gas control device 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). [17 CCR § 95470(a)(2)]



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PERMIT RECORD ID

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APCD1996-SITE-09688

APCD2006-PTO-974396

Application Record ID: APCD2015-APP-004255

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By

MM San Diego LLC-North City Suparna Chakladar 5087 Junction Rd Lockport NY 14094

EQUIPMENT ADDRESS

MM San Diego LLC - North City Suparna Chakladar 4949 Eastgate Mall San Diego CA 92121

PERMIT TO OPERATE

EXPIRES: March 31, 2019

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

The above 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.

EQUIPMENT OWNER

MM San Diego LLC-North City Anthony Falbo 5087 Junction Road, Lockport, NY 14094

EQUIPMENT DESCRIPTION

Engine #4: Caterpillar, Model 3516SITA, landfill and natural gas fired, 1342 BHP, lean burn, turbocharged, aftercooled, S/N 4EK04530, with an air/fuel controller, and driving a 950-kW generator.

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: 1 [92F] NOx and CO Source Test
 - 1 [92M] Mass Emissions Test (T&M)
 - 1 [92R] VOC Lab Analysis
 - 1 [34B] Cogeneration Engine w/ Emission Controls

BEC: APCD2015- CON-001125

FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR SUBJECT TO CIVIL AND CRIMINAL PENALTIES

- All equipment shall be kept in good operating conditions and shall be properly maintained in accordance with the manual 1. of recommended maintenance provided by the engine manufacturer. The manual shall be kept on site.
- There shall be no leaks of landfill gas from the collection system and along the gas transfer path in excess of 500 PPM (as methane) measured at a distance of 1/2 inches from the transfer path other than non-repeatable momentary readings. (17 CCR 95475(a)(2))
- Emissions of Oxide of Nitrogen (NOX) in the engine exhaust shall not exceed 1 gram per brake horsepower-hour. 3.
- Emissions of Oxides of Nitrogen, calculated as Nitrogen Dioxide (NO2), shall not exceed 65 parts per million by volume 4. on a dry basis (PPMVD) corrected to 15% Oxygen.
- Emissions of Carbon Monoxide (CO) in the engine exhaust shall not exceed 3 grams per brake horsepower-hour. 5.
- Emissions of non-methane hydrocarbons (NMHC) in the engine exhaust shall not exceed 0.55 grams per brake 6. horsepower-hour.

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- 7. The Sulfur content of any gaseous fuel burned shall not exceed 0.05% by weight.
- 8. Particulate Emissions shall not exceed 0.10 grains per dry standard cubic foot of gas which is standardized to 12 percent of Carbon Dioxide by volume.
- Particulate Emissions shall be measured in accordance with District Method 5.
- 10. The Sulfur content of fuel shall be measured in accordance with ASTM Test Method D-3246.
- 11. In the event that the gas collection system or the engines are inoperable, all valves which vent landfill gas to atmosphere shall be closed within 1 hour. The permittee shall maintain records of these valve closures, including the time the system or engines become inoperable and the time of valve closure. Records shall be maintained for five years and made available to the District upon request. (40 CFR Part 60, Subpart WWW)
- 12. The owner or operator shall conduct periodic maintenance of this engine and any add-on control equipment, as applicable, as recommended by the engine and control equipment manufacturer or as specified by any other maintenance procedure approved in writing by the District. The periodic maintenance shall be conducted at least once each calendar year. (Rule 69.4.1)
- 13. A non-resettable totalizing fuel meter shall be installed on this engine, maintained in good working order and used for recording engine fuel consumption. If a meter is replaced when the emission unit is operating on site, the Air Pollution Control District's compliance division shall be notified in writing within in 10 calendar days. The written notifications shall include the following information:
 - a. old meter's reading.
 - b. replacement meter's manufacturer name, model and serial number if available and current reading on replacement meter; and
 - c. copy of receipt of new meter or of installation work order.
 - A copy of the meter replacement notification shall be maintained on site and made available to the Air Pollution Control District upon request. (Rule 69.4.1)
- 14. Natural gas usage for the facility shall not exceed 23 million standard cubic feet during each and every 12 consecutive month period. Records demonstrating compliance with this limit shall be maintained on site for at least five years and made available for inspection by the District upon request.
- 15. The annual heat input from the combustion of landfill gas shall be equivalent to 10% or more of the total annual gross heat input to this equipment.
- 16. The following records shall be recorded monthly, maintained on site for a minimum of five years and made available to District personnel upon request:
 - a. monthly landfill gas usage, standard cubic feet;
 - b. average monthly landfill gas heating value, Btu per cubic feet;
 - c. percentage of gross heat input to this equipment from the combustion of landfill gas.
- 17. This equipment shall be source tested once each permit year (annual source test) to demonstrate compliance with the emission standards contained in this permit. For the purposes of this permit, a permit year is the 12-month period ending on the last day of the permit expiration month. It is the responsibility of the permittee to schedule the source test with the District. The source test shall be performed or witnessed by the District. Each annual source test shall be separated by at least 90 days from any annual source test performed in a different permit year.
- 18. Concentrations of NOx, CO and O2 in the exhaust shall be measured in accordance with SDC APCD Test Method 100.
- 19. Concentrations of NMHC in the exhaust shall be measured in accordance with SDC APCD Test Methods 25A and/or 18.
- 20. The air to fuel ratio controller and the oxygen sensor shall be inspected, calibrated or replaced per Caterpillar guidelines during scheduled maintenance periods. These scheduled maintenance periods shall occur every 30 to 60 days, and shall not extend beyond 60 days between periods. Records of the dates of maintenance performance, of inspection, calibration, replacement shall be maintained on site for at least 5 years and made available for inspection by the District upon request.



COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT 10124 OLD GROVE ROAD, SAN DIEGO, CA 92131

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Sectors: 3, G

Site Record ID: APCD1996-SITE-09688 Application Record ID: APCD2015-APP-004255 PERMIT RECORD ID APCD2006-PTO-974396

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- 21. The Owner or Operator shall conduct periodic inspections of each Engine, and any add-on control equipment as applicable, to ensure that the Engine and control equipment is operated in compliance with the Provisions of this Permit to Operate. The periodic inspections shall be conducted at least once every six months.
- 22. The Owner or Operator shall conduct periodic maintenance of each Engine, and any add-on control equipment as applicable, as recommended by the Engine and control equipment manufacturers or as specified by any other maintenance procedure approved in writing by the District. The periodic maintenance shall be conducted at least once each calendar year.
- 23. The owner or operator shall keep a manual of recommended maintenance provided by the manufacturer or other maintenance procedures as approved in writing by the District.
- 24. The owner or operator shall maintain an operating log containing, at a minimum, the following:
 - -records of periodic engine inspections
 - -the dates the inspection was performed
 - -records of engine maintenance
 - -the dates maintenance was performed
 - -the nature of the maintenance
- 25. The Permittee shall submit an Application and obtain written authorization from the District before altering any portion of the System in a manner which may affect emissions from the facility, except for necessary repair, maintenance and identical replacement.
- 26. All records required by this written permit shall be maintained on site for a minimum of five years and made available to the District upon request. (Rule 1421)
- Access, facilities, utilities and any necessary safety equipment for source testing and inspection shall be provided upon request of the Air Pollution Control District.
- 28. This Air Pollution Control District Permit does not relieve the holder from obtaining permits or authorizations required by other governmental agencies.
- 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.)
- 30. The engine(s) covered by this permit is considered a control device and the landfill gas duct leading to the engine is considered a collection device in accordance with Title 17 California Code of Regulations (CCR) Division 3, Chapter 1, Subchapter 10, Article 4, SUBARTICLE 6. METHANE EMISSIONS FROM MUNICIPAL SOLID WASTE LANDFILLS, and are therefore subject to applicable requirements from this regulation which include, but may not be limited to, the following conditions.
- 31. There shall be no leaks of landfill gas from the collection system and along the gas transfer path in excess of 500 ppmv (as methane) measured at a distance of 1/2 inches from the transfer path other than non-repeatable momentary readings.

 [17 CCR § 95464(b)(1)(B) and the definition of component leak at § 95475(b)]
- 32. This engine must achieve a methane destruction efficiency of at least 99 percent by weight. Lean burn internal combustion engines must reduce the outlet methane concentration to less than 3,000 ppmv, dry basis, corrected to 15 percent oxygen.
 [17 CCR 95464(b)(3)(A)]
- 33. 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 of this subarticle. 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)]



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Recordkeeping - five year retention. In addition to any other records required by this permit, the owner or operator of 34. any gas control device must maintain the following records for at least five (5) years:

a. 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.

b. Results of any source tests conducted pursuant to section 95464(b)(4).

c. 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: [17 CCR § 95470(a)(1)]

Recordkeeping - retention for life of control device: The owner or operator of any gas control device 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). [17 CCR § 95470(a)(2)]

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