CITY OF MOUNTAIN VIEW TITLE V SEMI-ANNUAL MONITORING REPORT

SITE NAME:	City of Mountain View - Shoreline Landfill
FACILITY ID#	A2740
REPORTING PERIOD:	1/1/2012 - 6/30/2012
	rmed after reasonable inquiry, the statements and information
provided in this document are true, reporting period:	accurate, complete, and addresses all deviations during the
Signature of Responsible Official	7-20-12 Date
Daniel H. Rich Name of Responsible Official (plea	ase print)
City Manager	
Title of Responsible Official (pleas	e print)

Director of Compliance and Enforcement BAAQMD 939 Ellis Street San Francisco, CA 94109

Attn: Title V reports

Mail to:

CITY OF MOUNTAIN VIEW TITLE V SEMI-ANNUAL MONITORING REPORT

SITE NAME:

City of Mountain View - Shoreline Landfill

FACILITY ID#

A2740

REPORTING PERIOD:

1/1/2012 - 6/30/2012

List of Permitted Sources and Abatement Devices

PERMIT UNIT NUMBER	EQUIPMENT DESCRIPTION
S-1	Landfill and Gas Collection System
A-3	Landfill Gas Flare
A-4	Landfill Gas Flare
A-5	Landfill Gas Flare
S-11	Diesel Engine For Emergency Standby
	Generator
S-12	Microturbine at Flare Station
S-13	Microturbine at Sewage Pump Station
S-14	Diesel Engine For Emergency Standby
	Generator

The S-13 and S-12 microturbines have been out of service since March 2010 and July 2010 respectively and have been removed (Condition # 23579) from the Permit to Operate beginning with the Permit to Operate that expired on May 1, 2012.

Shoreline Landfill – Facility ID # A2740 TITLE V SEMI ANNUAL MONITORING REPORT (1/1/2012 – 6/30/2012) PERMITTED UNITS: S-1 LANDFILL AND GAS COLLECTION SYSTEM; A-3, A-4, AND A-5 LANDFILL GAS FLARES CITY OF MOUNTAIN VIEW

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Type of Limit	Monitoring	Citation of	Limit	Parameter	Monitoring	Compliance	Comments/Corrective
	Requirement	Limit		Monitored	Frequency *		Action
	Citation				(P/C)		Taken
Amount of Waste	BAAQMD	BAAQMD	0 tons/day and	Records	P/A	Continuous	*******
Accepted	8-34-501.7	Condition #	≤ 12,725,000 tons (cumulative			Yes	
		16065,	amount of all wastes) and	Closed Landfill			
		Part I	≤ 18,852,000 yd³ (cumulative	No waste accepted	•		
			amount of all wastes and cover				
			materials)				
Gas Flow	BAAQMD	BAAQMD	Landfill gas collection system	Gas Flow Meter and	n	Continuous	
	8-34-501.10 and 508	8-34-301 and	shall operate continuously and	Recorder (every 15		Yes	
		301.1	all collected gases shall be	minutes)			
			vented to a properly operating				and the second
			control system	The state of the s			
Gas Flow	BAAQMD	BAAQMD .	Landfill gas collection system	Gas Flow Meter, Flare	C,P/E	Continuous	••••
	8-34-501.1, 501.2, 501.10,	Condition #	shall operate continuously and	Alarms, and Records		Yes	
	and 508 and BAAQMD	16065, Parts 2-3	all collected gases shall be	of Collection and			***************************************
	Condition # 16065, Part 6		vented to a properly operating	Control Systems			******
			control system	Downtime			
Collection System	BAAQMD	BAAQMD	For Inactive/Closed Areas:	Records	PÆ	Continuous	
Installation Dates	8-34-501.7 and 501.8 and	8-34-304.1	collection system components			Yes	***************************************
	BAAQMD Condition #		must be installed and operating				
	16065,		ьу				
	Parts 15a-b		2 years + 60 days				· ····································
	TOTAL	The state of the s	after initial waste placement				
•							

	,			excluded from this limit.)			
				Condition # 16065, Part 5a are			
	Yes		and Records	(Wells listed in BAAQMD	8-34-305.2	8-34-414, 501.9 and 505.2	at Wellhead
	Continuous	M/d	Monthly Inspection	< 55 °C (131 °F)	BAAQMD	BAAQMD	Temperature of Gas
						505.1	
	Yes		and Records		8-34-305,1	8-34-414, 501.9, and	
	Continuous	M/d	Monthly Inspection	< 0 psig	BAAQMD	BAAQMD	Wellhead Pressure
			Monitors	THE PROPERTY OF THE PROPERTY O			
			and temperature	adjustments			
			Monitors (for gas flow	calibration, and required span			
	Yes		All Continuous	except for breakdowns, repairs,			
	Continuous	P/D	Operating Records for	Requires Continuous Operation	40 CFR 60.13(e)	40 CFR 60.7(b)	Continuous Monitors
			monitors)				
			and temperature	period			
			Monitors (for gas flow	< 30 calendar days/12 month			metric Monitors
	Yes		All Parametric	and	1-523.2	1-523,4	operation for Para-
	Continuous	O/4	Operating Records for	≤ 15 consecutive days/incident	BAAQMD	BAAQMD	Periods of In-
			actions)				
			of cach, corrective				Procedures
	Ϋ́ο		occurrences, duration	Implementing SSM Plan			Malfunction
	Continuous	P/E	Records (all	Minimize Emissions by	40 CFR 63.6(e)	40 CFR 63.1980(a-b)	Startup Shutdown or
							Shutdown Time
	Yes			≤ 5 consecutive days	8-34-113.2	8-34-501.1	Control Systems
	Continuous	P/D	Operating Records	≤ 240 hours/year and	BAAQMD	BAAQMD	Collection and
Taken		(P/C)				Citation	
Action		Frequency *	Monitored		Limit	Requirement	
Comments/Corrective	Compliance	Monitoring	Parameter	Limit	Citation of	Monitoring	Type of Limit
FLARES	ANDFILL GAS	2012 – 6/30/2012) A-4, AND A-5 LA	ING REPORT (1/1/ IN SYSTEM; A-3,	TITLE V SEMI ANNUAL MONITORING REPORT (1/1/2012 – 6/30/2012) PERMITTED UNITS: S-1 LANDFILL AND GAS COLLECTION SYSTEM; A-3, A-4, AND A-5 LANDFILL GAS FLARES	TITLE V SEI	PERMITTED UNITS	
	·		'acility ID# A2740	CITY OF MOUNTAIN VIEW Shoreline Landfill – Facility ID # A2740			
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Shoreline Landfill – Facility ID # A2740 TITLE V SEMI ANNUAL MONITORING REPORT (1/1/2012 – 6/30/2012) PERMITTED UNITS: S-1 LANDFILL AND GAS COLLECTION SYSTEM; A-3, A-4, AND A-5 LANDFILL GAS FLARES CITY OF MOUNTAIN VIEW

Type of Limit	Monitoring	Citation of	Limit	Parameter	Monitoring	Compliance	Comments/Corrective
	Requirement	Limit		Monitored	Frequency *		Action
	Citation				(P/C)		Taken
Temperature of Gas	BAAQMD	GWDVVB	≤ 140 °F	Monthly Inspection	P/M	Continuous	•
at Wellhead	8-34-414, 501.9 and 505.2	Condition #	(This limit applies only to wells	and Records		Yes	
		16065, Part 5a	listed in BAAQMD Condition #				
			16065, Part 5a)				
Gas Concentrations	BAAQMD	BAAQMD	N ₂ < 20% OR O ₂ < 5%	Monthly Inspection	P/M	Continuous	
at Wellhead	8-34-414, 501.9 and 505.3	8-34-305.3 or	(Wells listed in BAAQMD	and Records		Yes	
	or 505.4	305.4	Condition # 16065, Part 5b are				
			excluded from these limits.)				The state of the s
Gas Concentrations	BAAQMD Condition #	BAAQMD	$O_2 \leq 5\%$ by volume,	Monthly Inspection	P/M	Continuous	
at Header	16065,	Condition #	dry basis AND	and Records		Yes	
	Part 5b	16065,	CH ₄ ≥ 35% by volume,				
		Part 5b	dry basis				
Well Shutdown	BAAQMID	BAAQMD	No more than 5 wells at a time	Records	P/D	Continuous	-
Limits	8-34-117.6 and 501.1	8-34-117.4	or 10% of total collection			Yes	
			system, whichever is less		***************************************		
Well Shutdown	BAAQMD	BAAQMD	≤ 24 hours per well	Records	P/D	Continuous	
Limits	8-34-117.6 and 501.1	8-34-117.5				Yes	***************************************
TOC (Total Organic	BAAQMD	BAAQMD	Component Leak Limit:	Quarterly inspection	D/A	Continuous	
Compounds Plus	8-34-501.6 and 503 and	8-34-301.2	≤ 1000 ppmv as methane	of collection and		Yes	
Methane)	BAAQMD Condition #		at 1 cm from component	control system			
	16065.		(see BAAQMD Condition #	components with			
	Part 15c		16065, Part 5c for	Portable Analyzer and			
A. (1100)			Clarifications about vaults)	Records			

Shoreline Landfill – Facility ID # A2740 TITLE V SEMI ANNUAL MONITORING REPORT (1/1/2012 – 6/30/2012) PERMITTED UNITS: S-1 LANDFILL AND GAS COLLECTION SYSTEM; A-3, A-4, AND A-5 LANDFILL GAS FLARES CITY OF MOUNTAIN VIEW

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Type of Limit	Monitoring	Citation of	Limit	Parameter	Monitoring	Compliance	Comments/Corrective
	Requirement	Limit		Monitored	Frequency *		Action
	Citation				(P/C)		Taken
TOC	BAAQMD	BAAQMD	Surface Leak Limic	Monthly Visual	P/M, Q, and E	Continuous	
	8-34-415, 416, 501.6, 506	8-34-303	≤ S00 ppmv as methane	Inspection of Cover,	•	Yes	
	and 510 and BAAQMD		at 2 inches above surface	Quarterly Inspection			
	Condition # 16065,		(see BAAQMD Condition #	of Surface with			
	Part 15c		16065, Part 5c for	Portable Analyzer,			
			clarifications about vaults)	Reinspections as			***************************************
			700000000000000000000000000000000000000	Needed, and Records			
Non-Methane	BAAQMD	BAAQMD	≥ 98% removal by weight	Source Tests	P/A	Continuous	
Organic Compounds	8-34-412 and 501.4 and	8-34-301.3	OR	and Records		Yes	
(NMOC)	BAAQMD Condition #		< 30 ppmv,				
	16065,		dry basis @ 3% O2, expressed				
	Parts 13 and 15c		as methane				
		TO THE POST OFFICE AND ADDRESS OF THE POST	(applies to flares only)				
Temperature of	BVVÓWD	BAAQMD	CT ≥ 1400 °F,	Temperature Sensor	С	Continuous	
Combustion Zone	8-34-501.3 and 507	Condition #	averaged over	and Recorder		Yes	
(CT)		16065,	any 3-hour period				
		Part 7	(applies to each flare,				
			A-3, A-4, and A-5)				- The state of the
\$O ₂	BAAQMD Condition #	BAAQMD	≤ 300 ppm (dry basis)	Annual Source Test at	P/A	Continuous	
	16065,	Regulation	(applies to flares only)	Flare or Sulfur		Yes	
	Parts 13g and 15c or	9-1-302		Analysis of Landfill			
	14 and 15c		***************************************	Gas and Records			
			•				

CITY OF MOUNTAIN VIEW Shoreline Landfill – Facility ID # A2740 TITLE V SEMI ANNUAL MONITORING REPORT (1/1/2012 – 6/30/2012) PERMITTED UNITS: S-1 LANDFILL AND GAS COLLECTION SYSTEM; A-3, A-4, AND A-5 LANDFILL GAS FLARES

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Type of Limit	Monitoring	Citation of	Limit	Parameter	Monitoring	Compliance	Comments/Corrective
	Requirement	Limit		Monitored	Frequency *		Action
	Citation				(P/C)		Taken
Landfill Gas Sulfur	BAAQMD Condition #	BAAQMD	≤ 1300 ppmv,	Sulfur Analysis of	P/A	Continuous	-
Content	16065,	Condition #	expressed as H ₂ S	Landfill Gas and		Yes	
	Parts 14 and 15c	16065,	(applies if SO ₂ testing is not	Records			
		Part 12	conducted at flare exhaust)				
, NO	BAAQMD Condition #	BAAQMD	≤ 0.13 lbs/MMBTU	Source Tests	P/A	Continuous	
	16065, Parts 13 and 15c	Condition #	or	And Records		Yes	
		16065,	≤ 33 ppmv,				
		Part 9a	at 15% O ₂ , dry basis				1
			(applies to A-3 Flare only)		:		
NO _x	BAAQMD Condition #	BAAQMD	≤ 0.06 lbs/MMBTU	Source Tests	P/A	Continuous	
	16065, Parts 13 and 15c	Condition #	or	and Records		Yes	
,		16065,	≤ 15 ppmv,				narana h
		Рап 96-с	at 15% O ₂ , dry basis				******
			(applies to A-4 and A-5 Flares				,
	- Transferra	1011	only)				
00	BAAQMD Condition #	BAAQMD	< 0.20 lbs/MMBTU	Source Tests	P/A	Continuous	
	16065, Parts 13 and 15c	Condition#	or	and Records		Yes	
		16065,	≤ 83 ppmv,				-
		Part 10a-c	at 15% O2, dry basis				***************************************
			(applies to A-3, A-4 and A-5				-
			Flares only)				

Monitoring Frequency Legend

C = Continuous Monitoring P = Periodic Monitoring / on an A = Annual, Q = Quarterly, M = Monthly, W = Weekly, D = Daily or E = Event basis

	Continuous Yes	P/C, M	Hour Meter and Records	For S-11 Diesel Engine: Operating hours for Reliability-Related Activities: 30 hours in a calendar year	BAAQMD Condition # 24175, Part ! and CCR Title !7, Section 93115.6 (b)(3)(A)(1)(b)	BAAQMD Regulation 9-8-530 and BAAQMD Condition # 24175, Parts 4 and 5a-d and CCR Title 17, Section 93115.10(c)(1)&(g)(1)	Operating Hours
				($\leq 0.05\%$ S, by weight) or \leq 15 ppmw of S (for fuel sold after 6/1/06)	2281(a)(1-5)		
				CARB Approved Alternative Fuel which has Fuel Sulfur Limits of: 500 ppmw of S	93115.5(b) and CCR Title 13, Section		
	Continuous Yes	P/E	Vendor Certification	Standby Engines must use CARB Diesel Fuel or other	CCR Title 17, Section	BAAQMD Condition # 24175, Part 5f	Liquid Fuel Sulfur Content
	Continuous Yes	PÆ	Vendor Certification	Fuel Sulfur Limit: ≤0.5%S by weight	BAAQMD Regulation 9-1-304	BAAQMD Condition # 24175, Part 5f	Liquid Fuel Sulfur Content
Comments/Corrective Action Taken	Compliance	Monitoring Frequency * (P/C)	Parameter Monitored	Limit	Citation of Limit	Monitoring Requirement Citation	Type of Limit
	GENERATORS	10 11/2012 – 6/30/2012) ENCY STANDBY	CITY OF MOUNTAIN VIEW Shoreline Landfill – Facility ID # A2740 NNUAL MONITORING REPORT (1/1. S-14 DIESEL ENGINES FOR EMERGE	CITY OF MOUNTAIN VIEW Shoreline Landfill – Facility ID # A2740 TITLE V SEMI ANNUAL MONITORING REPORT (1/1/2012 – 6/30/2012) PERMITTED UNITS: S-11 AND S-14 DIESEL ENGINES FOR EMERGENCY STANDBY GENERATORS	TITLE V S	PERMITTE	

Monitoring Frequency Legend
P = Periodic Monitoring / on an A = Annual, Q = Quarterly, M = Monthly, W = Weekly, D = Daily or E = Event basis C = Continuous Monitoring

		TITLE V SEN	CITY OF MOUNTAIN VIEW Shoreline Landfill – Facility ID # A2740 TITLE V SEMI ANNUAL MONITORING REPORT (1/1/2012 – 6/30/2012) PERMITTED UNITS: S-12 MICROTURBINE, AND S-13 MICROTURBINE	TAIN VIEW acility ID # A2740 NG REPORT (1/1/2) BINE, AND S-13 M	012 – 6/30/2012) ICROTURBINE		
Type of Limit	Monitoring	Citation of	Limit	Parameter	Monitoring	Compliance	Comments/Corrective
	Requirement	Limit		Monitored	Frequency *		Action .
	Chanon						
TOC (Total	BAAQMD	BAAQMD	≤ 1000 ppmv as methane	Quarterly Inspection	P/Q	Continuous	
Organic Com-	8-34-501.6 and 503 and	8-34-301.2.	(component leak limit)	of Control System		Yes	
pounds Plus	BAAQMD Condition #			Components with			
Methane)	16065,			Portable Analyzer and			
	Part 15c			Records			
Non-Methane	BAAQMD	BAAQMD	≥98% removal by weight	Source Tests	. P/A	Continuous	The S-13 and S-12
Organic Con-	8-34-412 and 501.4 and	8-34-301.4	OR	and Records		Yes	microturbines have been out
pounds (NMOC)	BAAQMD Condition #		< 120 ppmv,				of service since March 2010
	23579,		dry basis @ 3% O2, expressed				and July 2010 respectively
	Parts 3 and 4		as methanc				and have been removed
							(Condition # 23579) from the
							Permit to Operate beginning
							with the Permit to Operate
							that expired on May 1, 2012.
SO ₂	BAAQMD Condition #	BAAQMD	≤ 300 ppm (dry basis)	Annual Source Test	P/A	Continuous	
	16065, Parts 13 and 15c or	Regulation		At Flare or Sulfur		Yes	
	Parts 14 and 15c	9-1-302		Analysis of Landfill			
				Gas at Header and			
				Records			

					•		
that expired on May 1, 2012.							
with the Permit to Operate						•	
Permit to Operate beginning	•						
(Condition # 23579) from the							
and have been removed							
and July 2010 respectively					Part 2		
of service since March 2010				at 15% O ₂ , dry basis	23579,		
microturbines have been out	Yes		And Records	≤ 100 ppmv,	Condition #	23579, Parts 3 and 4	
The S-13 and S-12	Continuous	P/A	Source Tests	10 pounds per day or	BAAQMD	BAAQMD Condition #	00
that expired on May 1, 2012.				The fact of the fa			
with the Permit to Operate							
Permit to Operate beginning							
(Condition # 23579) from the							
and have been removed							
and July 2010 respectively		,			Part I		
of service since March 2010				at 15% O2, dry basis	23579,		
microturbines have been out	Yes		And Records	≤ 62 ppmv,	Condition #	23579, Parts 3 and 4	
The S-13 and S-12	Continuous	P/A	Source Tests	≤ 10 pounds per day or	BAAQMD	BAAQMD Condition #	NO,
Taken		(P/C)				Citation	
Action	*****	Frequency *	Monitored		Limit	Requirement	
Compliance Comments/Corrective	Compliance	Monitoring	Parameter	Limit	Citation of	Monitoring	Type of Limit

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P = Periodic Monitoring / on an A = Annual, Q = Quarterly, M = Monthly, W = Weekly, D = Daily or E = Event basis C = Continuous Monitoring