

March 21, 2011
W-P Project No. 6402I

Mr. Don Hatch
District Manager
Martha's Vineyard Refuse Disposal
& Resource Recovery
750 West Tisbury Road
Edgartown, MA 02539

Subject: Martha's Vineyard Refuse Disposal and Resource Recovery District
March 2011 Chilmark Landfill Post Closure and Environmental
Monitoring Program

Dear Mr. Hatch:

As part of the Post Closure Monitoring and Environmental Program the District is required to monitor landfill gas systems at the Edgartown, Chilmark, West Tisbury and Aquinnah Landfills quarterly. Wright-Pierce is pleased to submit the Post Closure Monitoring and Environmental Reports for the March 2011 monitoring and reporting of the landfill gas system of the Chilmark Landfill.

For this event, Wright-Pierce sampled for the District three (3) soil gas monitoring wells at the Chilmark Landfill. The fourth gas monitoring well, SG-MW2, has been destroyed since the November 2004 sampling event and has been dropped from the list of sites to sample. Sampling and monitoring was done in accordance with Massachusetts Department of Environmental Protection's Landfill Technical Guidance Manual (revised May, 1997), Massachusetts Solid Waste Management Facilities Regulations 310 CMR 19.132 and Wright-Pierce's contract with the Martha's Vineyard Refuse Disposal and Resource Recovery District.

Section One of the Report provides a regulatory overview of the Post Closure and Environmental Monitoring Requirements for the Chilmark Landfill for this quarter.

Section Two of the Report presents the results of our landfill gas monitoring. A summary of the gas monitoring results for this monitoring event and past events is contained in Appendix A.

Mr. Don Hatch, District Manager
March 21, 2011
Page 2

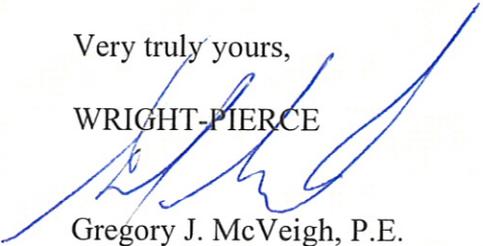


Our concluding remarks and recommendations for any actions are contained in Section Three of the Report.

Should you have any question concerning the Report, please call me at you earliest convenience.

Very truly yours,

WRIGHT-PIERCE



Gregory J. McVeigh, P.E.
Project Manager

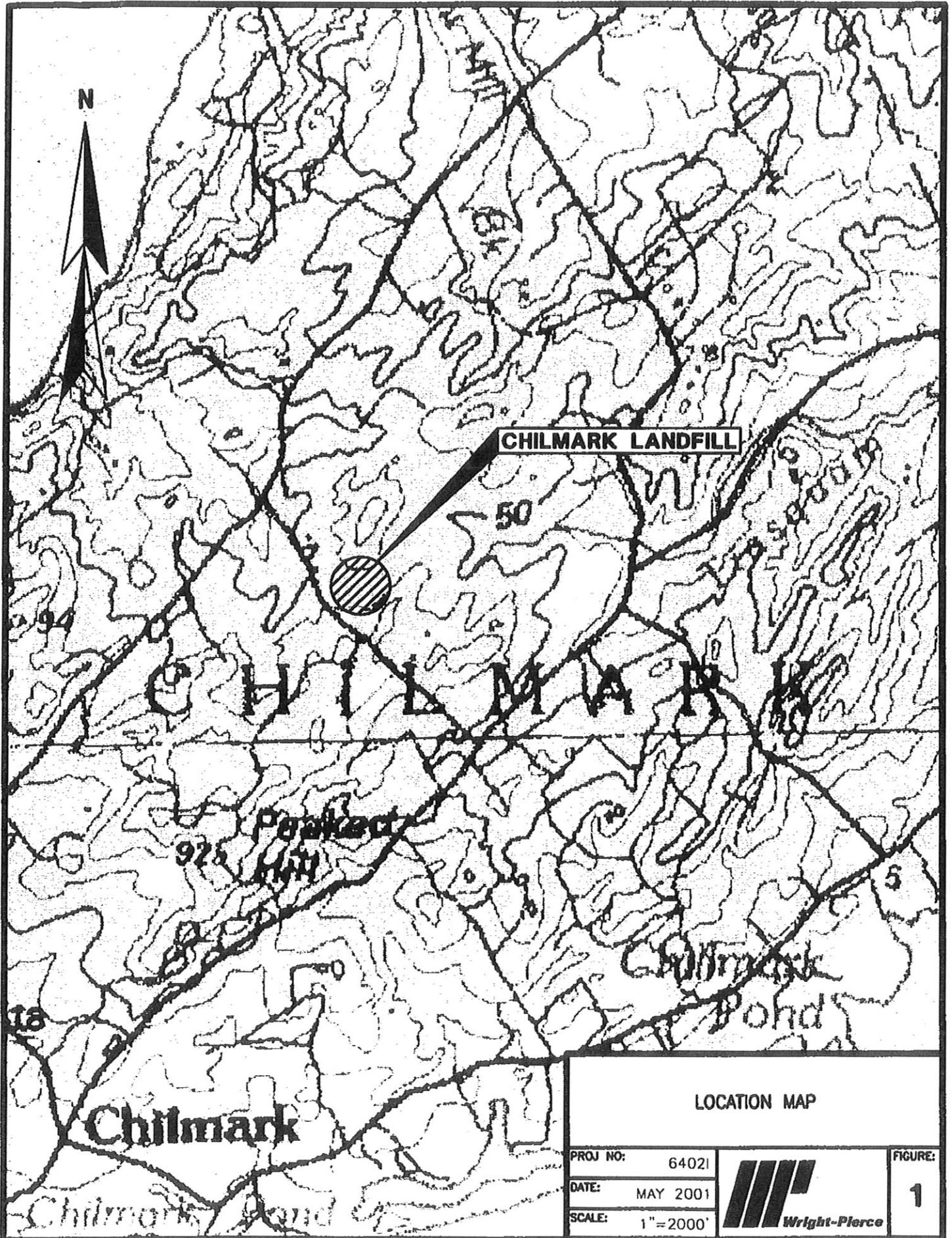
cc: John Mc Laughlin, MassDEP

**LANDFILL POST CLOSURE AND
ENVIRONMENTAL
MONITORING REPORT**

for the

**CHILMARK LANDFILL
CHILMARK, MA**

MARCH 2011



CHILMARK LANDFILL

LOCATION MAP

PROJ NO: 64021
DATE: MAY 2001
SCALE: 1" = 2000'



FIGURE:
1



AERIAL PHOTOGRAPH
CHILMARK LANDFILL
FIGURE 2

2.0 LANDFILL GAS MONITORING

As part of the post closure and environmental monitoring program, the District is required to monitor gas systems at the closed landfill four times a year. Landfill gas monitoring was initiated at the Landfill site as part of post closure monitoring requirements. On March 3, 2011 Wright Pierce monitored a total of three (3) gas monitoring locations. The fourth location, SG-MW2 has been destroyed since the November 2004 sampling event and has been dropped from the list of sites to be sampled.

2.1. Landfill Gas Sampling Procedures

Landfill gas field measurement was obtained from three (3) of the gas monitoring locations during the March 2011 sampling event. Because the measurements were taken from soil gas probes/monitoring wells, they were “purged” to get the initial and stable reading, and thus only the single set of measurements was taken.

Landfill gas samples were obtained from the soil gas monitoring wells and were field screened for percent methane (%CH₄), percent Lower Explosive Limit of Methane (%LEL), percent carbon dioxide (%CO₂), percent oxygen (%O₂), hydrogen sulfide (H₂S in ppm) and percent Total Volatile Organic Compounds (VOC in ppm). The results of our gas monitoring are contained in Table 1. Appendix A contains a historical summary of gas monitoring results for this monitoring period and past events.

Gas vent field screening was conducted on March 3, 2011. The weather on this day as recorded at Martha's Vineyard Airport by the National Weather Service was:

Mean Temperature:	19° F
Max Temperature:	28° F
Min Temperature:	8° F
Dew Point:	-1° F
Precipitation:	0.00 in
Sea Level Pressure:	30.55 in
Wind Speed:	14 mph (NNW)
Events:	None

Based on the information provided in Table 1, no methane gas was detected at any of the Soil Gas Monitoring Wells monitored during this quarter. There was a low detection of carbon dioxide at SG-MW3 this quarter, varying from 1.2% CO₂ during the initial reading to 0.5% CO₂ during the final, indicating some gas activity below the surface. There were no detections of hydrogen sulfide and one detection of 0.7 ppm H₂S at SG-MW-3 only during the initial reading. It does not appear that the landfill is not generating any landfill gas, and thus no gas appears to be migrating into the subsoil around the Landfill.

The potential to detect gas concentrations in soil gas monitoring wells is maximized because Wright-Pierce samples the soil gas monitoring wells by placing a cap over the opening and inserting the inlet hose of the gas meter into a hole in the cap. Readings on the meter are monitored until stable.

**TABLE 1
CHILMARK LANDFILL
GAS MONITORING**

Weather conditions on 3/3/11, Windy, Sunny, Low Humidity, Temperature 20°F.

Sample Time - 00:00 to 00:00 hours.

Barometric Pressure - 30.41 inches Hg @ 10:25 hours and 30.41 inches Hg @ 10:45 hours

Gas Meter - Land Tech Gear 500 with H₂S Pod.

VOC Gas Meter - Thermo Environmental 530B with 10.6 eV Lamp.

1. Soil gas monitoring wells were sampled by placing cap over opening. Inlet hose to gas meter inserted through cap via hole in cap. Reading on meter was monitored until stable, which took about 5 minutes.

SITE ID	TIME	DATE	INITIAL READING						FINAL READING						COMMENT
			%LEL	%CH ₄	%CO ₂	%O ₂	H ₂ S (ppm)	VOC (ppm)	%LEL	%CH ₄	%CO ₂	%O ₂	H ₂ S (ppm)	VOC (ppm)	
SG-MW1	10:26	3/3/2011	0	0	0	20.9	0	0	0	0	0	20.9	0	0	
SG-MW3	10:43	3/3/2011	0	0	1.2	20.2	0	0.7	0	0	0.5	20.6	0	0	
SG-MW4	10:37	3/3/2011	0	0	0	20.9	0	0	0	0	0	20.9	0	0	

BOLD indicates Methane levels higher than 25%

SG-MW = Soil Gas Monitoring Well

= % LEL Formula

= Fill - in DATE

3.0 CONCLUDING REMARKS AND RECOMMENDATIONS

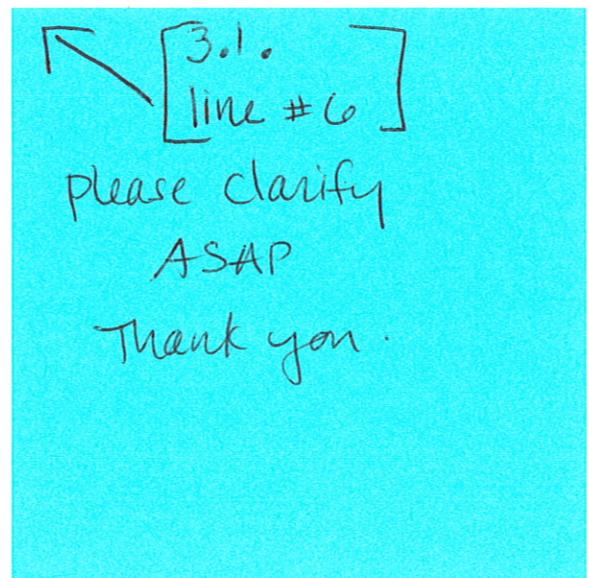
The results of the March 2011 Post Closure and Environmental Monitoring event are outlined below. Based on the results we have made specific recommendations concerning the monitoring program.

3.1. Landfill Gas Monitoring

Based on the information provided in Table 1, no methane gas was detected at any of the Soil Gas Monitoring Wells monitored during this quarter. There was a low detection of carbon dioxide at SG-MW3 this quarter, varying from 1.2% CO₂ during the initial reading to 0.5% CO₂ during the final, indicating some gas activity below the surface. There were no detections of hydrogen sulfide and one detection of 0.7 ppm H₂S at SG-MW-3 only during the initial reading. It does not appear that the landfill is not generating any landfill gas, and thus no gas appears to be migrating into the subsoil around the Landfill.

It does not appear that the landfill is generating landfill gas, and thus no gas appears to be migrating into the subsoil around the Landfill.

As the gas monitoring data varies from quarter to quarter, **we recommend** that the soil gas monitoring wells continue to be monitored four times a year. We do not suggest any remedial action be taken as the public and the environment are not being impacted.



WRIGHT-PIERCE

Engineering a Better Environment

FAX COVER SHEET

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DATE: 5/20/11

NUMBER OF PAGES: 2
(including cover sheet)

TO:	Tim Carroll
FAX NUMBER:	1-508-645-2110
PROJECT NAME:	March 2011 Chilmark Post Closure and Environmental Report
SUBJECT:	Conflicting statement in Paragraph 3.1, 4 th sentence of Report
FROM:	Gregory J. McVeigh, P.E.
PROJECT No.:	6402I

IF MATERIAL RECEIVED IS NOT LEGIBLE, PLEASE CONTACT US ASAP, THANK YOU.

TEL: (207) 725-8721

FAX: (207) 729-8414

E-MAIL: gjm@wright-pierce.com

COMMENTS:

Tim,
Attached is revised page 6 of Project Report which states the correct statement in Paragraph 3.1, 4th sentence. The corrected statement is supported by the analytical results. We appreciate your bringing the mistake it to our attention. I also apologize for the fact that this was not caught during my review of the Report.

Greg McVeigh



This information is being transmitted as follows by Fax Only

3.0 CONCLUDING REMARKS AND RECOMMENDATIONS

The results of the March 2011 Post Closure and Environmental Monitoring event are outlined below. Based on the results we have made specific recommendations concerning the monitoring program.

3.1. Landfill Gas Monitoring

Based on the information provided in Table 1, no methane gas was detected at any of the Soil Gas Monitoring Wells monitored during this quarter. There was a low detection of carbon dioxide at SG-MW3 this quarter, varying from 1.2% CO₂ during the initial reading to 0.5% CO₂ during the final, indicating some gas activity below the surface. There were no detections of hydrogen sulfide. It does not appear that the landfill is not generating any landfill gas, and thus no gas appears to be migrating into the subsoil around the Landfill.

It does not appear that the landfill is generating landfill gas, and thus no gas appears to be migrating into the subsoil around the Landfill.

As the gas monitoring data varies from quarter to quarter, **we recommend** that the soil gas monitoring wells continue to be monitored four times a year. We do not suggest any remedial action be taken as the public and the environment are not being impacted.

APPENDIX A
Landfill Gas Monitoring

WRIGHT-PIERCE ENGINEERS

SAMPLING AND FIELD PARAMETERS

99 MAIN STREET - TOPSHAM, MAINE - 207-725-8721

PROJECT: CHILMARK LANDFILL, CHILMARK, MA

DATE: 3/3/11

PROJECT NO. 64021

WEATHER CONDITIONS: Windy, Sunny, Low Humidity

SAMPLERS: ATP

20 °F

BAROMETRIC PRESSURE - START: 30.41 Hg inches @ 1025 Hours

BAROMETRIC PRESSURE - END: 30.41 Hg inches @ 1045 Hours

Initial Reading

Gas Monitoring Wells	Site No.	Site No.	Site No.	Site No.
% LEL CH4	0.0	SG-MW-2	SG-MW-3	SG-MW-4
% CH4	0.0		0.0	0.0
% CO2	0.0		0.0	0.0
% O2	20.9		1.2	0.0
H2S ppm	0.0		20.2	20.9
PPM Total VOC'S	0.0		0.0	0.0
Time	1026		1045	1037

NOTE: MW-2 Broken
 → Cannot Locate

PLEASE DON'T FORGET THE START AND END TIMES WITH THE BAROMETRIC PRESSURE READINGS.....

Final Reading

Gas Monitoring Wells	Site No.	Site No.	Site No.	Site No.
% LEL CH4	0.0	SG-MW-2	SG-MW-3	SG-MW-4
% CH4	0.0		0.0	0.0
% CO2	0.0		0.0	0.0
% O2	20.9		0.9	0.0
H2S ppm	0.0		20.6	20.9
PPM Total VOC'S	0.0		0.0	0.0
Time			0.0	0.0

NOTE: MW-2 Broken

**CHILMARK LANDFILL GAS SCREENING
GAS MONITORING WELL AND GAS VENT MONITORING SUMMARY**

SITE ID	4/27/00 % LEL	4/27/00 % O2	10/18/00 % LEL	10/18/00 % O2	2/20/01 %LEL	2/20/01 %CO2	2/20/01 %O2	2/20/01 H2S (ppm)	2/20/01 VOC (ppm)	5/9/01 %CH4	5/9/01 %LEL	5/9/01 %CO2	5/9/01 H2S (ppm)	5/9/01 VOC (ppm)
SG-MW1	1	17.1	0	20.8	0	2.0	19.2	0	0.8	0	0	2.6	17.1	0
SG-MW2	0	20.6	0	19.4	0	0	20.8	0	0	0	0	1.1	19.2	0
SG-MW3	0	20.6	0	20.5	0	1.8	18.5	0	0.7	0	0	0.9	20.0	0
SG-MW4	0	20.2	0	19.0	0	3.5	16.5	0	0	0	0	3.7	13.5	0

NOTES:
Bold indicates methane levels higher than 25% LEL
 -- = Not Tested
 SG-MW = Soil Gas Monitoring Well

**CHILMARK LANDFILL GAS SCREENING
GAS MONITORING WELL AND GAS VENT MONITORING SUMMARY**

SITE ID	9/17/01 %CH4	9/17/01 %LEL	9/17/01 %CO2	9/17/01 H2S (ppm)	9/17/01 VOC (ppm)	11/26/01 %CH4	11/26/01 %LEL	11/26/01 %CO2	11/26/01 H2S (ppm)	11/26/01 VOC (ppm)	2/5/02 %CH4	2/5/02 %LEL	2/5/02 %CO2	2/5/02 H2S (ppm)	2/5/02 VOC (ppm)
SG-MW1	0	0	4.5	0	0	0	0	3.6	0	3.1	0.1	2	0.5	0	0
SG-MW2	0	0	1.2	0	0	0	0	2.8	0	1.9	0.2	3	0.2	0	0
SG-MW3	0	0	1.0	0	0.5	0	0	0.5	0	3.8	--	--	--	--	--
SG-MW4	0	0	4.4	0	0	0	0	2.9	0	7.5	0.2	3	2.7	0	0

NOTES:
Bold indicates methane levels higher than 25% LEL
 -- = Not Tested
 SG-MW = Soil Gas Monitoring Well
 SG-MW-3 is Buried under huge pile of Brush, cannot be monitored

**CHILMARK LANDFILL GAS SCREENING
GAS MONITORING WELL AND GAS VENT MONITORING SUMMARY**

SITE ID	5/20/02 %CH4	5/20/02 %LEL	5/20/02 %CO2	5/20/02 H2S (ppm)	5/20/02 VOC (ppm)	9/9/02 %CH4	9/9/02 %LEL	9/9/02 %O2	9/9/02 %CO2	9/9/02 H2S (ppm)	9/9/02 VOC (ppm)	11/5/02 %CH4	11/5/02 %LEL	11/5/02 %O2	11/5/02 %CO2	11/5/02 H2S (ppm)	11/5/02 VOC (ppm)
SG-MW1	0	0	3.7	17.2	0	0	0	14.9	5.7	0	0	0	0	20.9	0	0	0
SG-MW2	0	0	1.0	19.2	0	0	0	14.2	4.3	0	0	0	0	18.0	4.5	0	0
SG-MW3	--	--	--	--	--	--	--	--	--	--	--	0	0	20.0	1.6	0	0
SG-MW4	0	0	4.6	13.4	0	0	0	16.6	4.1	0	0	0	0	16.9	4.5	0	0

NOTES:

- Bold** indicates methane levels higher than 25% LEL
- = Not Tested
- SG-MW = Soil Gas Monitoring Well
- SG-MW-3 is Buried under huge pile of Brush, cannot be monitored

**CHILMARK LANDFILL GAS SCREENING
GAS MONITORING WELL AND GAS VENT MONITORING SUMMARY**

SITE ID	2/11/03 %CH4	2/11/03 %LEL	2/11/03 %O2	2/11/03 %CO2	2/11/03 H2S (ppm)	2/11/03 VOC (ppm)	5/12/03 %CH4	5/12/03 %LEL	5/12/03 %O2	5/12/03 %CO2	5/12/03 H2S (ppm)	5/12/03 VOC (ppm)	9/3/03 %CH4	9/3/03 %LEL	9/3/03 %O2	9/3/03 %CO2	9/3/03 H2S (ppm)	9/3/03 VOC (ppm)
SG-MW1	--	--	--	--	--	--	0	0	20.8	0.1	0	0	0	0	15.0	6.0	0	0.4
SG-MW2	0	0	20.4	0.3	0	0	0	0	18.4	1.9	0	0	0	0	2.5	18.7	0	1.0
SG-MW3	0	0	19.8	1.0	0	0	0	0	19.4	1.3	0	40.8	0	0	20.0	1.6	0	0.6
SG-MW4	0	0	19.3	1.8	0	0	0	0	16.1	2.6	0	53.4	0	0	18.5	3.0	0	10.7

NOTES:

- Bold** indicates methane levels higher than 25% LEL
- = Not Tested
- SG-MW = Soil Gas Monitoring Well
- SG-MW-3 is Buried under huge pile of Brush, cannot be monitored

**CHILMARK LANDFILL GAS SCREENING
GAS MONITORING WELL AND GAS VENT MONITORING SUMMARY**

SITE ID	11/4/03 %CH4	11/4/03 %LEL	11/4/03 %O2	11/4/03 %CO2	11/4/03 H2S (ppm)	11/4/03 VOC (ppm)	2/10/04 %CH4	2/10/04 %LEL	2/10/04 %O2	2/10/04 %CO2	2/10/04 H2S (ppm)	2/10/04 VOC (ppm)	5/10/04 %CH4	5/10/04 %LEL	5/10/04 %O2	5/10/04 %CO2	5/10/04 H2S (ppm)	5/10/04 VOC (ppm)
SG-MW1	0	0	19.5	1.8	0	0	0	0	18.5	2.9	0	0	0	0	20.4	0.3	0	0
SG-MW2	0	0	20.6	0.4	0	0	0	0	20.4	0.4	0	0	0	0	20.6	0.5	0	0
SG-MW3	0	0	19.9	1.1	1	0	0	0	19.9	1.2	1	0	0	0	19.7	0.6	0	0
SG-MW4	0	0	17.1	4.6	1	1.6	0	0	16.8	3.2	0	0	0	0	19.5	2.6	0	0

NOTES:
Bold indicates methane levels higher than 25% LEL
 -- = Not Tested
 SG-MW = Soil Gas Monitoring Well

**CHILMARK LANDFILL GAS SCREENING
GAS MONITORING WELL AND GAS VENT MONITORING SUMMARY**

SITE ID	9/13/04 %CH4	9/13/04 %LEL	9/13/04 %O2	9/13/04 %CO2	9/13/04 H2S (ppm)	9/13/04 VOC (ppm)	11/15/04 %CH4	11/15/04 %LEL	11/15/04 %O2	11/15/04 %CO2	11/15/04 H2S (ppm)	11/15/04 VOC (ppm)	2/28/05 %CH4	2/28/05 %LEL	2/28/05 %O2	2/28/05 %CO2	2/28/05 H2S (ppm)	2/28/05 VOC (ppm)
SG-MW1	0	0	16.7	4.2	0	0	0	0	15.6	4.8	0	0	0	0	18.4	2.6	0	0
SG-MW2	0	0	13.9	6.1	0	0	---	---	---	---	---	---	---	---	---	---	---	---
SG-MW3	0	0	20.1	0.6	0	2.2	0	0	19.1	1.6	0	0	0	2	19.9	1.3	0	0
SG-MW4	0	0	19.4	1.2	0	0.3	0	0	18.9	1.6	0	0	0	0	20.3	0.5	0	0

NOTES:

Bold indicates methane levels higher than 25% LEL

-- = Not Tested

SG-MW = Soil Gas Monitoring Well

SG-MW-3 is Buried under huge pile of Brush, cannot be monitored

**CHILMARK LANDFILL GAS SCREENING
GAS MONITORING WELL AND GAS VENT MONITORING SUMMARY**

SITE ID	5/23/05 %CH4	5/23/05 %LEL	5/23/05 %O2	5/23/05 %CO2	5/23/05 H2S (ppm)	5/23/05 VOC (ppm)	9/12/05 %CH4	9/12/05 %LEL	9/12/05 %O2	9/12/05 %CO2	9/12/05 H2S (ppm)	9/12/05 VOC (ppm)	11/14/05 %CH4	11/14/05 %LEL	11/14/05 %O2	11/14/05 %CO2	11/14/05 H2S (ppm)	11/14/05 VOC (ppm)
SG-MW1	0	0	17.4	2.0	0	*	0	0	19.4	3.9	3	0	0	0	20.8	0.3	0	0
SG-MW2	0	0	18.7	2.3	0	0-0.3	0	0	19.8	1.0	2	0	0	0	18.7	2.5	0	0
SG-MW3	0	0	18.8	1.6	0	*	0	0	19.1	1.8	2	0	0	18.9	2.2	0	0	0
SG-MW4	0	0																

NOTES:
Bold indicates methane levels higher than 25% LEL
 -- = Not Tested
 SG-MW = Soil Gas Monitoring Well
 * = VOC meter not working
 SG-MW-2 Gas Vent is broken since 11/15/04

**CHILMARK LANDFILL GAS SCREENING
GAS MONITORING WELL AND GAS VENT MONITORING SUMMARY**

SITE ID	3/13/06 %CH4	3/13/06 %LEL	3/13/06 %O2	3/13/06 %CO2	3/13/06 H2S (ppm)	3/13/06 VOC (ppm)	5/15/06 %CH4	5/15/06 %LEL	5/15/06 %O2	5/15/06 %CO2	5/15/06 H2S (ppm)	5/15/06 VOC (ppm)	9/17/06 %CH4	9/17/06 %LEL	9/17/06 %O2	9/17/06 %CO2	9/17/06 H2S (ppm)	9/17/06 VOC (ppm)
SG-MW1	0	0	20.0	0.9	0	0	0	0	18.4	2.6	0	0	0	0	15.6	4.6	0	0.1
SG-MW2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SG-MW3	0	0	20.2	1.0	0	0	0	0	20.9	0.2	0	0	0	0	19.4	1.7	0	0.9
SG-MW4	0	0	20.1	0.8	0	0.2	0	0	18.7	2.5	0	0	0	0	18.2	2.9	0	0.1

NOTES:
Bold indicates methane levels higher than 25% LEL
 -- = Not Tested
 SG-MW = Soil Gas Monitoring Well
 SG-MW-2 Gas Vent is broken since 11/15/04

**CHILMARK LANDFILL GAS SCREENING
GAS MONITORING WELL AND GAS VENT MONITORING SUMMARY**

SITE ID	11/6/06 %CH4	11/6/06 %LEL	11/6/06 %O2	11/6/06 %CO2	11/6/06 H2S (ppm)	11/6/06 VOC (ppm)	3/27/07 %CH4	3/27/07 %LEL	3/27/07 %O2	3/27/07 %CO2	3/27/07 H2S (ppm)	3/27/07 VOC (ppm)	5/14/07 %CH4	5/14/07 %LEL	5/14/07 %O2	5/14/07 %CO2	5/14/07 H2S (ppm)	5/14/07 VOC (ppm)
SG-MW1	0	0	19.1	1.9	0	0	0	0	18.3	2.1	0	0	0	0	19.6	0.8	1	0
SG-MW2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SG-MW3	0	0	20.9	0	0	0	0	0	20.2	0.8	0	0	0	0	19.5	1.3	0	0
SG-MW4	0	0	18.4	2.1	0	0	0	0	19.8	1.0	0	0	0	0	19.7	0.9	0	0

NOTES:

Bold indicates methane levels higher than 25% LEL
 -- = Not Tested
 SG-MW = Soil Gas Monitoring Well
 SG-MW-2 Gas Vent is broken since 11/15/04

**CHILMARK LANDFILL GAS SCREENING
GAS MONITORING WELL AND GAS VENT MONITORING SUMMARY**

SITE ID	9/11/07 %LEL	9/11/07 %CH4	9/11/07 %CO2	9/11/07 %O2	9/11/07 H2S (ppm)	9/11/07 VOC (ppm)	11/26/07 %LEL	11/26/07 %CH4	11/26/07 %CO2	11/26/07 %O2	11/26/07 H2S (ppm)	11/26/07 VOC (ppm)	3/26/08 %LEL	3/26/08 %CH4	3/26/08 %CO2	3/26/08 %O2	3/26/08 H2S (ppm)	3/26/08 VOC (ppm)
SG-MW1	0	0	5.0	16.6	0	0	0	0	5.0	16.6	0	0	0	0	1.4	19.6	0	0
SG-MW2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SG-MW3	0	0	1.0	20.3	0	0	0	0	1.0	20.3	0	0	0	0	4.0	20.0	0	0
SG-MW4	0	0	2.3	19.2	0	0	0	0	2.3	19.2	0	0	0	0	0.7	20.0	0	0

NOTES:

Bold indicates methane levels higher than 25% LEL

-- = Not Tested

SG-MW = Soil Gas Monitoring Well

SG-MW-2 Gas Vent is broken since 11/15/04

**CHILMARK LANDFILL GAS SCREENING
GAS MONITORING WELL AND GAS VENT MONITORING SUMMARY**

SITE ID	5/3/08 %LEL	5/3/08 %CH4	5/3/08 %CO2	5/3/08 %O2	5/3/08 H2S (ppm)	5/3/08 VOC (ppm)	9/7/08 %LEL	9/7/08 %CH4	9/7/08 %CO2	9/7/08 %O2	9/7/08 H2S (ppm)	9/7/08 VOC (ppm)	11/1/08 %LEL	11/1/08 %CH4	11/1/08 %CO2	11/1/08 %O2	11/1/08 H2S (ppm)	11/1/08 VOC (ppm)
SG-MW1	0	0	0.1	20.9	0	0	0	0	0.9	20.1	0	0	0	0	0.5	20.4	0	0
SG-MW2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SG-MW3	0	0	1.3	19.4	0	0	0	0	1.6	19.7	0	0	0	0	2.2	19.0	0	0
SG-MW4	0	0	1.3	19.7	0	0	0	0	2.0	19.4	0	0	0	0	2.7	18.3	0	0

NOTES:
Bold indicates methane levels higher than 25% LEL
 -- = Not Tested
 SG-MW = Soil Gas Monitoring Well
 SG-MW-2 Gas Vent is broken since 11/15/04

**CHILMARK LANDFILL GAS SCREENING
GAS MONITORING WELL AND GAS VENT MONITORING SUMMARY**

SITE ID	3/25/09 %LEL	3/25/09 %CH4	3/25/09 %CO2	3/25/09 %O2	3/25/09 H2S* (ppm)	3/25/09 VOC (ppm)	5/2/09 %LEL	5/2/09 %CH4	5/2/09 %CO2	5/2/09 H2S* (ppm)	5/2/09 VOC (ppm)	9/21/09 %LEL	9/21/09 %CH4	9/21/09 %CO2	9/21/09 %O2	9/21/09 H2S* (ppm)	9/21/09 VOC (ppm)
SG-MW1	0	0	0.3	20.8	-	0	0	0.4	20.6	0	0	0	0	0.4	20.6	0	0
SG-MW2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SG-MW3	0	0	1.2	20.4	-	0	0	1.4	19.8	0	0	0	0	1.4	19.8	0	0
SG-MW4	0	0	0.5	20.6	-	0	0	1.9	19.1	0	0	0	0	1.9	19.1	0	0

NOTES:

Bold indicates methane levels higher than 25% LEL
 -- = Not Tested
 SG-MW = Soil Gas Monitoring Well
 SG-MW-2 Gas Vent is broken since 11/15/04

* = 3/25/09 the H2S pod had a battery failure. Samples could not be measured.

**CHILMARK LANDFILL GAS SCREENING
GAS MONITORING WELL AND GAS VENT MONITORING SUMMARY**

SITE ID	11/7/09 %LEL	11/7/09 %CH4	11/7/09 %CO2	11/7/09 %O2	11/7/09 H2S (ppm)	11/7/09 VOC (ppm)	3/21/10 %LEL	3/21/10 %CH4	3/21/10 %CO2	3/21/10 %O2	3/21/10 H2S (ppm)	3/21/10 VOC (ppm)	5/15/10 %LEL	5/15/10 %CH4	5/15/10 %CO2	5/15/10 %O2	5/15/10 H2S (ppm)	5/15/10 VOC (ppm)
SG-MW1	2.0	0.1	1.9	18.5	0	0	0	0	0.2	20.7	0	0	0	0	0.8	19.0	0	0
SG-MW2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SG-MW3	0	0	2.2	19.6	0	0	0	0	1.0	20.2	0	0	0	0	1.3	19.2	0	0
SG-MW4	0	0	1.4	19.7	0	0.6 - 4.8	0	0	0.4	20.6	0	0	0	0	1.7	18.1	0	0

NOTES:

Bold indicates methane levels higher than 25% LEL.

-- = Not Tested

SG-MW = Soil Gas Monitoring Well

SG-MW-2 Gas Vent is broken since 11/15/04

**CHILMARK LANDFILL GAS SCREENING
GAS MONITORING WELL AND GAS VENT MONITORING SUMMARY**

SITE ID	Initial Reading 9/12/10 %LEL	Initial Reading 9/12/10 %CH4	Initial Reading 9/12/10 %CO2	Initial Reading 9/12/10 %O2	Initial Reading 9/12/10 H2S (ppm)	Initial Reading 9/12/10 VOC (ppm)	Final Reading 9/12/10 %LEL	Final Reading 9/12/10 %CH4	Final Reading 9/12/10 %CO2	Final Reading 9/12/10 %O2	Final Reading 9/12/10 H2S (ppm)	Final Reading 9/12/10 VOC (ppm)
SG-MW1												
SG-MW2												
SG-MW3												
SG-MW4												

NOTES:

Bold indicates methane levels higher than 25% LEL

-- = Not Tested

SG-MW = Soil Gas Monitoring Well

SG-MW-2 Gas Vent is broken since 11/15/04

**CHILMARK LANDFILL GAS SCREENING
GAS MONITORING WELL AND GAS VENT MONITORING SUMMARY**

SITE ID	Initial Reading 9/12/10 %LEL	Initial Reading 9/12/10 %CH4	Initial Reading 9/12/10 %CO2	Initial Reading 9/12/10 %O2	Initial Reading 9/12/10 H2S (ppm)	Initial Reading 9/12/10 VOC (ppm)	Final Reading 9/12/10 %LEL	Final Reading 9/12/10 %CH4	Final Reading 9/12/10 %CO2	Final Reading 9/12/10 %O2	Final Reading 9/12/10 H2S (ppm)	Final Reading 9/12/10 VOC (ppm)
SG-MW1	0	0	0.0	20.7	0	0	0	0	5.4	14.6	0	0
SG-MW2	---	---	---	---	---	---	---	---	---	---	---	---
SG-MW3	0	0	1.4	20.6	0	0	0	0	2.6	17.8	0	0
SG-MW4	0	0	0.6	19.9	0	0	0	0	1.8	18.7	0	0

NOTES:
Bold indicates methane levels higher than 25% LEL
 -- = Not Tested
 SG-MW = Soil Gas Monitoring Well
 SG-MW-2 Gas Vent is broken since 11/15/04

**CHILMARK LANDFILL GAS SCREENING
GAS MONITORING WELL AND GAS VENT MONITORING SUMMARY**

SITE ID	Initial Reading 11/6/10 %LEL	Initial Reading 11/6/10 %CH4	Initial Reading 11/6/10 %CO2	Initial Reading 11/6/10 %O2	Initial Reading 11/6/10 H2S (ppm)	Initial Reading 11/6/10 VOC (ppm)	Final Reading 11/6/10 %LEL	Final Reading 11/6/10 %CH4	Final Reading 11/6/10 %CO2	Final Reading 11/6/10 %O2	Final Reading 11/6/10 H2S (ppm)	Final Reading 11/6/10 VOC (ppm)
SG-MW1	0	0	0.1	20.8	0	0	0	0	0.9	20.0	0	0
SG-MW2	---	---	---	---	---	---	---	---	---	---	---	---
SG-MW3	0	0	0.4	20.9	0	0	0	0	2.4	18.6	0	0
SG-MW4	0	0	0.9	20.5	0	0	0	0.9	20.2	20.2	0	0

NOTES:

Bold indicates methane levels higher than 25% LEL

-- = Not Tested

SG-MW = Soil Gas Monitoring Well

SG-MW-2 Gas Vent is broken since 11/15/04

**CHILMARK LANDFILL GAS SCREENING
GAS MONITORING WELL AND GAS VENT MONITORING SUMMARY**

SITE ID	Initial Reading 3/3/11 %LEL	Initial Reading 3/3/11 %CH4	Initial Reading 3/3/11 %CO2	Initial Reading 3/3/11 %O2	Initial Reading 3/3/11 H2S (ppm)	Initial Reading 3/3/11 VOC (ppm)	Final Reading 3/3/11 %LEL	Final Reading 3/3/11 %CH4	Final Reading 3/3/11 %CO2	Final Reading 3/3/11 %O2	Final Reading 3/3/11 H2S (ppm)	Final Reading 3/3/11 VOC (ppm)
SG-MW1	0	0	0	20.9	0	0	0	0	0	20.9	0	0
SG-MW2	---	---	---	---	---	---	---	---	---	---	---	---
SG-MW3	0	0	1.2	20.2	0	0.7	0	0	0.5	20.6	0	0
SG-MW4	0	0	0	20.9	0	0	0	0	0	20.9	0	0

NOTES:

- Bold** indicates methane levels higher than 25% LEL
- = Not Tested
- SG-MW = Soil Gas Monitoring Well
- SG-MW-2 Gas Vent is broken since 11/15/04

