NEW VENTURES ASSOCIATES, LLC

85 - 87 BOSTON STREET • EVERETT, MA 02149
TEL: (800) 726-6506 • FAX: (617) 387-1597
Email: crowlanelandfill@verizon.net

FAX TRANSMITTAL

TO: JOHN CARRIGAN

FROM: ANTHONY LEWIS

Company:

Date: 01/05/2010

Fax: 978-694-3499

Pages: 10

Phone:

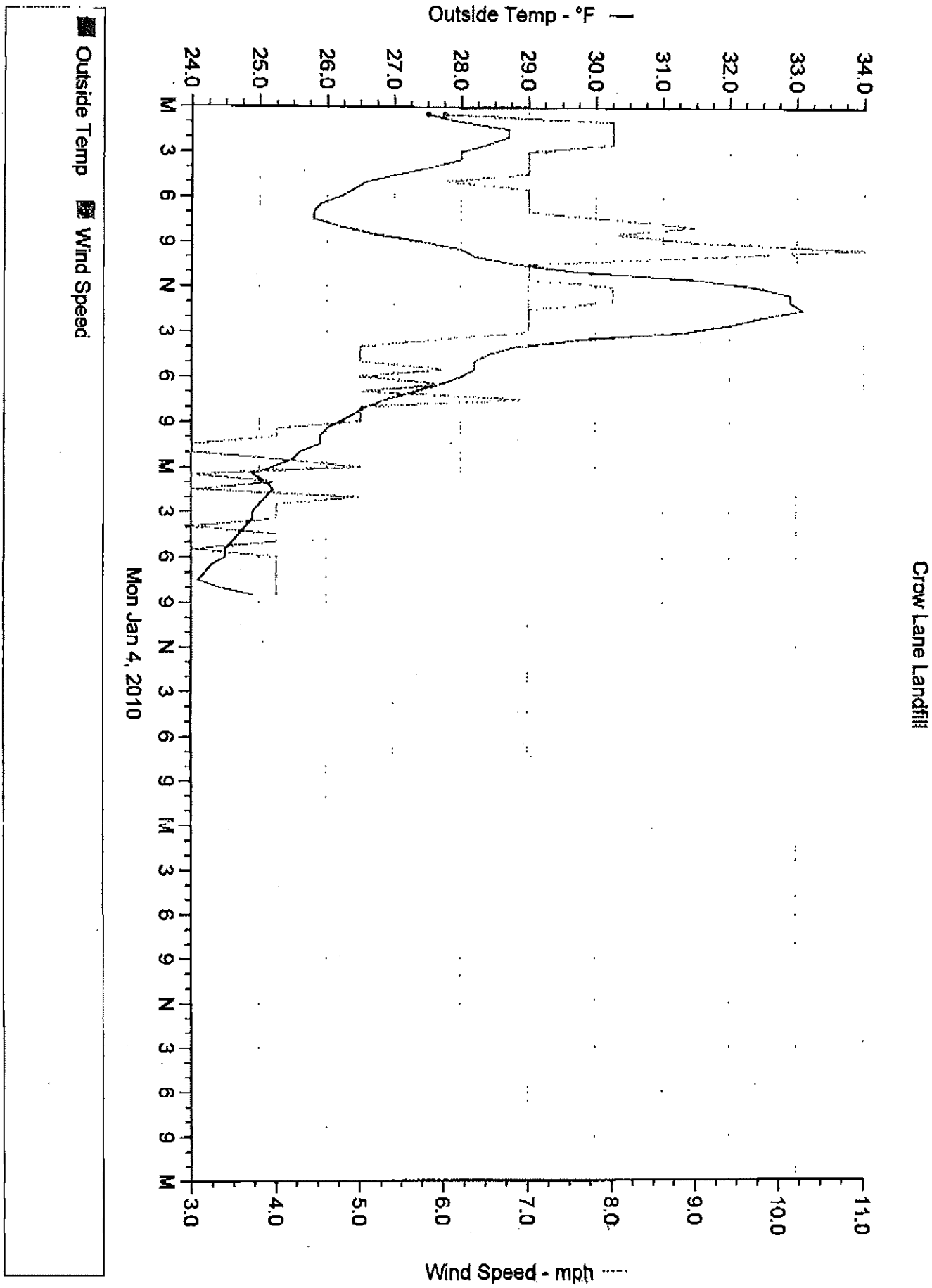
Phone: 978-462-5240

RE: Crow Lane Landfill

John,

There are no Jerome meter readings for last night the red barn was locked
Sorry for the inconvenience

Anthony


Crow Lane Landfill
Outside Temp - °F
34.0
33.0
32.0
31.0
30.0
29.0
28.0
27.0
26.0
25.0
24.0
M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M
Mon Jan 4, 2010
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
Wind Speed - mph
Outside Temp
Wind Speed

Date	Time	Temp Out	Hi Temp	Low Temp	Wind Speed	Wind Dir	Wind Run	Hi Speed	Wind Chill	Heat D-D	Cool D-D	In Temp	Arc. Int.
1/04/10	12:30a	27.5	27.9	27.3	6.0	SW	3.00	17.0	20.9	0.781	0.000	68.1	30
1/04/10	1:00a	28.0	28.5	27.5	8.0	SW	4.00	19.0	20.0	0.771	0.000	67.9	30
1/04/10	1:30a	28.7	28.9	28.4	8.0	WSW	4.00	22.0	20.8	0.756	0.000	67.8	30
1/04/10	2:00a	28.7	28.9	28.3	8.0	WSW	4.00	20.0	20.8	0.756	0.000	67.8	30
1/04/10	2:30a	28.4	28.8	28.2	8.0	WSW	4.00	17.0	20.5	0.763	0.000	67.9	30
1/04/10	3:00a	28.0	28.4	27.7	7.0	SW	3.50	16.0	20.7	0.771	0.000	67.9	30
1/04/10	3:30a	28.0	28.2	27.7	7.0	SW	3.50	21.0	20.7	0.771	0.000	68.1	30
1/04/10	4:00a	27.6	28.3	27.1	7.0	SW	3.50	18.0	20.2	0.779	0.000	68.5	30
1/04/10	4:30a	27.1	27.6	26.7	7.0	SW	3.50	17.0	19.6	0.790	0.000	69.0	30
1/04/10	5:00a	26.6	26.9	26.3	6.0	SW	3.00	15.0	19.8	0.800	0.000	69.5	30
1/04/10	5:30a	26.4	26.7	26.1	7.0	SW	3.50	19.0	18.7	0.804	0.000	69.7	30
1/04/10	6:00a	26.2	26.7	25.9	7.0	SW	3.50	21.0	18.5	0.808	0.000	69.7	30
1/04/10	6:30a	25.9	26.2	25.5	7.0	SW	3.50	18.0	18.1	0.815	0.000	69.3	30
1/04/10	7:00a	25.8	26.0	25.5	7.0	SW	3.50	18.0	18.0	0.817	0.000	68.4	30
1/04/10	7:30a	25.8	26.1	25.4	8.0	SW	4.00	25.0	17.3	0.817	0.000	68.7	30
1/04/10	8:00a	26.2	26.7	25.7	9.0	SW	4.50	25.0	17.1	0.808	0.000	68.0	30
1/04/10	8:30a	26.7	27.2	26.3	8.0	SW	4.00	20.0	18.4	0.798	0.000	67.9	30
1/04/10	9:00a	27.4	27.9	26.9	9.0	SW	4.50	24.0	18.6	0.783	0.000	69.3	30
1/04/10	9:30a	28.0	28.2	27.8	11.0	WSW	5.50	22.0	18.2	0.771	0.000	70.3	30
1/04/10	10:00a	28.2	28.5	28.1	9.0	WSW	4.50	18.0	19.6	0.767	0.000	71.6	30
1/04/10	10:30a	28.8	29.3	28.4	7.0	SW	3.50	18.0	21.6	0.754	0.000	73.0	30
1/04/10	11:00a	29.7	30.8	29.2	7.0	SW	3.50	17.0	22.7	0.735	0.000	73.7	30
1/04/10	11:30a	31.5	32.5	30.7	7.0	SW	3.50	17.0	24.9	0.698	0.000	74.4	30
1/04/10	12:00p	32.4	33.1	32.0	8.0	SW	4.00	18.0	25.3	0.679	0.000	74.9	30
1/04/10	12:30p	32.9	33.6	32.3	8.0	SW	4.00	19.0	25.9	0.669	0.000	74.7	30
1/04/10	1:00p	32.9	33.4	32.4	8.0	WSW	4.00	18.0	25.9	0.669	0.000	75.0	30
1/04/10	1:30p	33.1	33.5	32.5	7.0	SW	3.50	17.0	26.8	0.665	0.000	75.1	30
1/04/10	2:00p	32.5	33.0	32.0	7.0	SW	3.50	19.0	26.1	0.677	0.000	74.2	30
1/04/10	2:30p	32.0	32.2	31.8	7.0	SW	3.50	16.0	25.5	0.688	0.000	73.2	30
1/04/10	3:00p	31.3	32.2	30.4	7.0	SW	3.50	16.0	24.7	0.702	0.000	73.1	30
1/04/10	3:30p	29.8	30.5	29.1	6.0	SW	3.00	16.0	23.6	0.733	0.000	73.0	30
1/04/10	4:00p	28.8	29.2	28.5	5.0	SW	2.50	14.0	23.3	0.754	0.000	73.3	30
1/04/10	4:30p	28.4	28.6	28.2	5.0	SW	2.50	13.0	22.8	0.763	0.000	73.7	30
1/04/10	5:00p	28.2	28.4	28.1	5.0	SW	2.50	13.0	22.6	0.767	0.000	74.1	30
1/04/10	5:30p	28.2	28.4	28.1	6.0	SW	3.00	17.0	21.7	0.767	0.000	73.3	30
1/04/10	6:00p	28.0	28.3	27.8	5.0	SW	2.50	17.0	22.4	0.771	0.000	72.8	30
1/04/10	6:30p	27.7	27.9	27.5	6.0	SW	3.00	13.0	21.1	0.777	0.000	72.3	30
1/04/10	7:00p	27.3	27.5	27.0	5.0	WSW	2.50	16.0	21.6	0.785	0.000	71.5	30
1/04/10	7:30p	26.9	27.1	26.7	7.0	WSW	3.50	14.0	19.4	0.794	0.000	71.4	30
1/04/10	8:00p	26.6	26.8	26.4	5.0	SW	2.50	15.0	20.7	0.800	0.000	70.2	30
1/04/10	8:30p	26.4	26.5	26.2	5.0	SW	2.50	13.0	20.5	0.804	0.000	69.6	30
1/04/10	9:00p	26.2	26.3	26.0	5.0	WSW	2.50	15.0	20.3	0.808	0.000	70.0	30
1/04/10	9:30p	26.0	26.2	25.9	4.0	SW	2.00	13.0	21.1	0.813	0.000	69.7	30
1/04/10	10:00p	25.9	26.0	25.8	4.0	SW	2.00	11.0	21.0	0.815	0.000	70.2	30
1/04/10	10:30p	25.9	26.0	25.7	3.0	SW	1.50	9.0	22.4	0.815	0.000	70.5	30
1/04/10	11:00p	25.6	25.8	25.4	3.0	SW	1.50	11.0	22.1	0.821	0.000	70.8	30
1/04/10	11:30p	25.5	25.6	25.3	4.0	SW	2.00	11.0	20.6	0.823	0.000	70.9	30
1/05/10	12:00a	25.2	25.5	24.8	5.0	SW	2.50	13.0	19.1	0.829	0.000	70.8	30

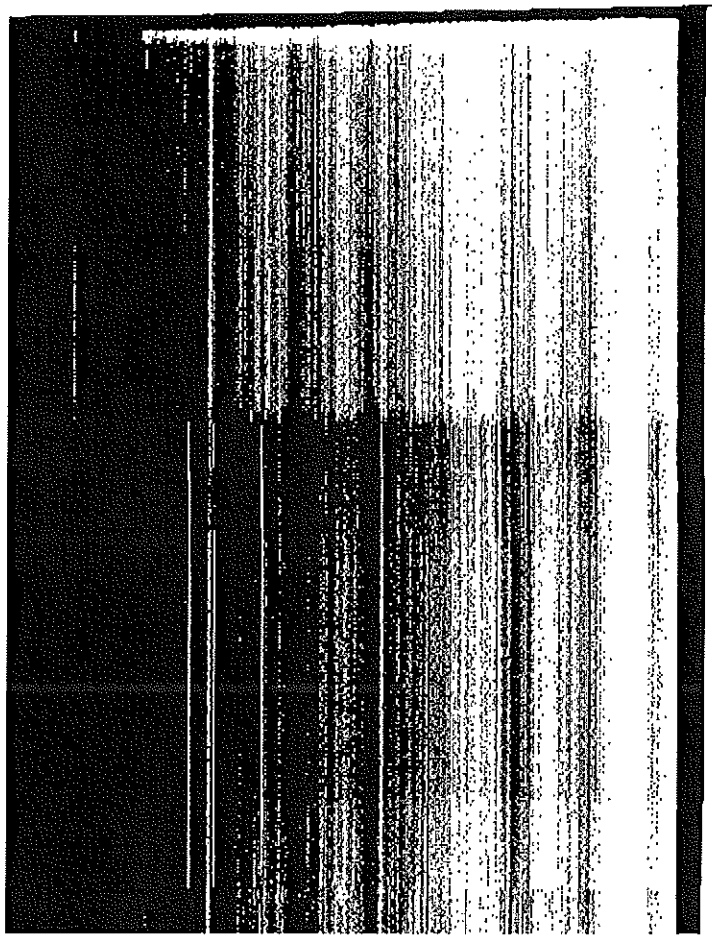
Crow Lane Landfill
Collection System Monitoring Report

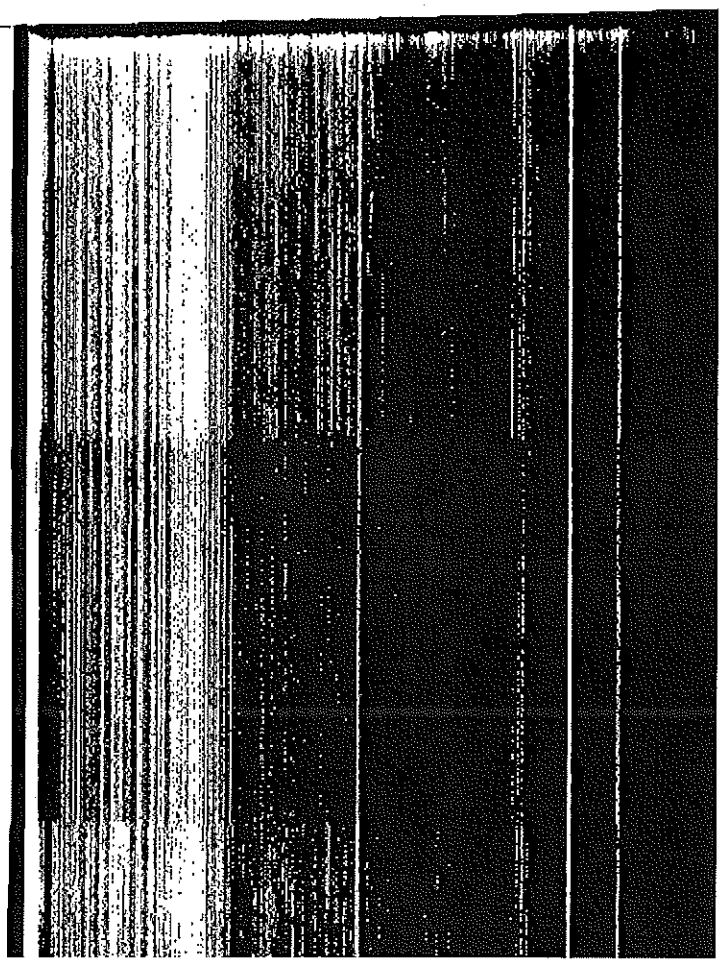
Time: 7AM

Date: 1/5/2010 Barometric Pressure: 30.2 Performed by: anthony lewis

Weather: cloudy Temp: 25F

Location	Gas Readings							Wellhead Data			
	CH_4 (%)	CO_2 (%)	O_2 (%)	Balance Gas (%)	H_2S (ppm)	Temp (°F)	CO (Temp > 130° F) (ppm)	Header Pressure (inches)	Well Pressure (inches)	Valve Position (% Open)	Flow (cfm)
FLARE	26.4	38.7	3.8	36.6	24,000	1655		18	—	0.5	300
EW1	34.0	32.5	0.0	38.9	2,000	N/A		0.1	0.1	0.5	
EW2	24	31	0	43.9	1,600	N/A		0.6	0.6	0.5	
EW3	20.1	36.4	0.0	52.3	2,000	N/A		0.2	0.2	0.5	
EW4	26.4	45.0	0	42	1,300			0.3	0.3	0.5	
EW5	37.6	23.5	0.0	41.4	1,600	N		0.4	0.4	0.5	
EW6	43.5	22.6	0	36.3	1,500	N		0.5	0.5	0.5	
EW7	33.5	44.7	0.0	25.7	1,400	N/A		0.1	0.1	0.5	
EW8	22.2	42.0	0	43.1	1,800	N/A		0.1	0.1	0.5	
EW9	50.0	44.5	0.0	38.2	1,600	N/A		0.1	0.1	0.5	
EW10	47	42.9	0	7.9	1,400	N/A		0.4	0.4	0.5	
EW11	24.9	37.6	0.0	36.0	2,000	N/A		0.2	0.2	0.5	
EW12	37	38.1	0	39.1	1,100	N/A		0.6	0.6	0.5	
EW13	23.9	31.7	0.0	40.6	2,000	N/A		0.7	0.7	0.5	
EW14	22.9	33.7	0	48.4	2,000	N/A		0.4	0.4	0.5	





Crow Lane Landfill
Collection System Monitoring Report

EW15	24.1	34.7	0.0	43.9	1,400	N/A		0.2	0.2	0.5	
EW16	28	34.9	0	35.9	1,300	N/A		0.1	0.1	0.5	

Crow Lane Landfill
Gas System Inspection Report

Time: 7AM X

Date: 1/5/2010

Weather: cloudy

Temp: 25F

By: anthony lewis

Location	Well Head Valve:	Well Sampling Ports:	Temperature Guage	Well Head Fittings:	Surface Seals:	Well and Riser Piping:	Flexible Piping:	Isolation Gate Valves:	Main Valve at Flare:	Main Header Sampling Ports:	Pretreatment Unit Piping	Pretreatment Unit Sampling Ports	Condensate Knockout Pot	Propane Tank, Piping and Valves	Flare Controls and Chart Recorder	Comments
	Inspected Gas System Components															
Flare	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	
Pre-Treat Unit	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	
Propane Tank	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	
EW1	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	
EW2	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	
EW3	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	
EW4	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	
EW5	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	
EW6	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	
EW7	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	
EW8	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	
EW9	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	
EW10	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	
EW11	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	
EW12	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	
EW13	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	

Crow Lane Landfill
Perimeter and Surface Air Monitoring Report

date:1/4/10			7AM	Check Times When Survey Is Done	
			7PM_X_	12Midnight	
weather: cloudy			Survey Performed By: shawn schofield		
Perimeter Monitoring Location	Jerome Meter Reading (1)	Jerome Meter Reading (2)	Odor Detected (Y/N)	Odor Intensity (1 - 5)	Comments**
Location #1	0.004	n/a	N/A	N/A	
Location #2	0.001	n/a	N/A	N/A	
Location #3	0.000	n/a	N/A	N/A	
Location #4	0.001	n/a	N/A	N/A	
Location #5	0.001	n/a	N/A	N/A	
Location #6	0.002	n/a	N/A	N/A	
Location #7	0.004	n/a	N/A	N/A	
Surface Monitoring Locations					
Location #8		n/a	n/a	n/a	
Location #9		n/a	n/a	n/a	
Location #10		n/a	n/a	n/a	
Location #11		n/a	n/a	n/a	
Location #12		n/a	n/a	n/a	
Location #13		n/a	n/a	n/a	

SNOW NO DATA

Note: Attached Map Showing Locations and Readings

Crow Lane Landfill
Gas System Inspection Report

EW14	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y				
EW15	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y				
EW16	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y				

Crow Lane Landfill
Perimeter and Surface Air Monitoring Report

date:1/5/10			7AM	Check Times When Survey Is Done	
			7PM	12Midnight x	
weather: cloudy			Survey Performed By: shawn schofield		
Perimeter Monitoring Location	Jerome Meter Reading (1)	Jerome Meter Reading (2)	Odor Detected (Y/N)	Odor Intensity (1 - 5)	Comments**
Location #1	0.005	n/a	N/A	N/A	
Location #2	0.002	n/a	N/A	N/A	
Location #3	0.001	n/a	N/A	N/A	
Location #4	0.002	n/a	N/A	N/A	
Location #5	0.001	n/a	N/A	N/A	
Location #6	0.002	n/a	N/A	N/A	
Location #7	0.003	n/a	N/A	N/A	
Surface Monitoring Locations					
Location #8		n/a	n/a	n/a	
Location #9		n/a	n/a	n/a	
Location #10		n/a	n/a	n/a	
Location #11		n/a	n/a	n/a	
Location #12		n/a	n/a	n/a	
Location #13		n/a	n/a	n/a	

SNOW NO DATA

Note: Attached Map Showing Locations and Readings

Crow Lane Landfill
H_2S Pretreatment System Monitoring Report

DATE	INLET					OUTLET					Flow Rate
	H_2S GasTec Tube Readings (4HH)					H_2S GasTec Tube Readings (4H)					
	Time	Direct Tube Reading	Pump Strokes (1 or 1/2)	H_2S ppm	System Pressure	Time	Direct Tube Reading	Pump Strokes (1 or 1/2)	H_2S ppm	System Pressure	cfm
1/5/2010	7:00am	X	1/2	24,000		7:00am	X	1/2	0		300.0

Performed By:_____ Signature: _____ Date: _____

Performed By:_____ Signature: _____ Date: _____

Performed By:_____ Signature: _____ Date: _____

Performed By:_____ Signature: _____ Date: _____