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

FAX TRANSMITTAL

TO: JOHN CARRIGAN

FROM: MEGAN THIBEAULT

Company: DEP

Date: 8-5-09.

Fax:

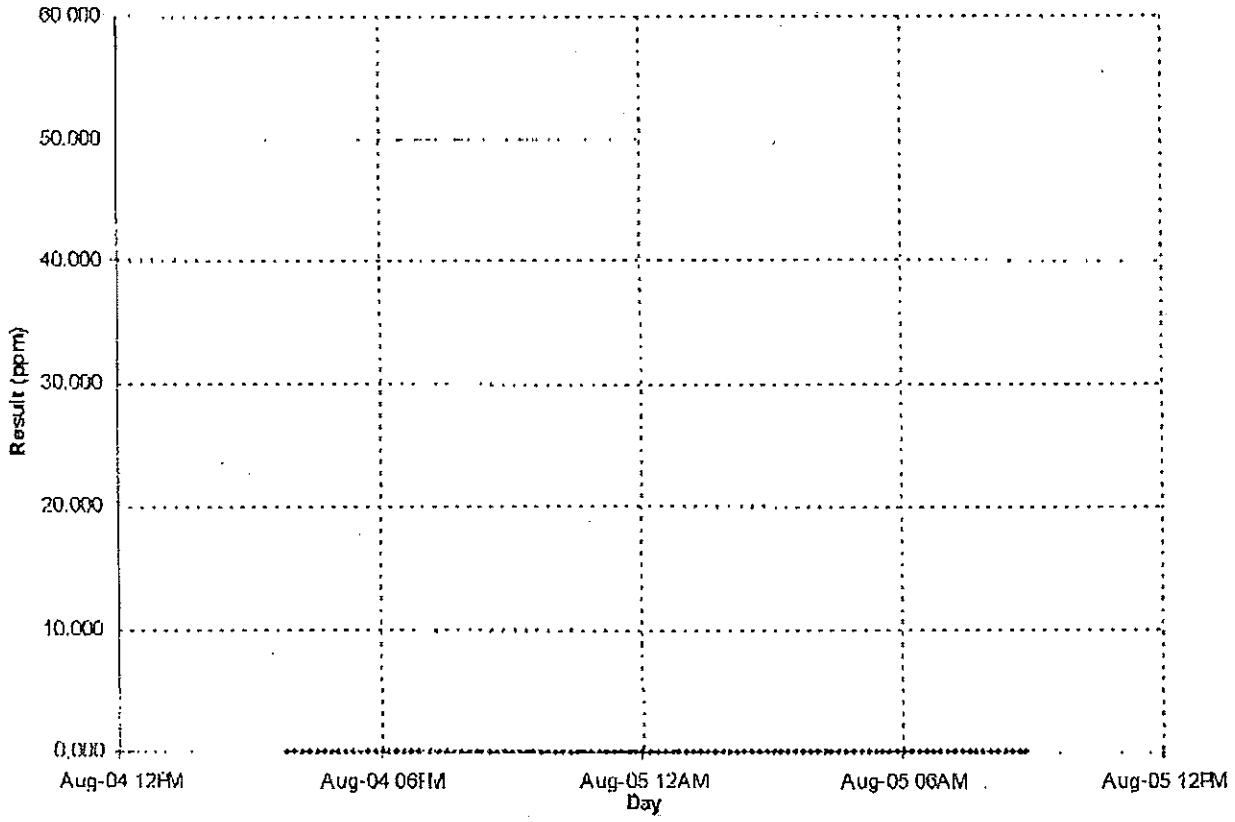
Pages:

Phone:

Fax:

RE: Crow Lane Landfill

Site Name:	New Ventures	**Sample Location:**	Charmanski Drive
Address:	20 Crow Lane	**Technician:**	Megan Thibeault
	Newburyport, MA 01950	**Instrument:**	Richard, 631-X, SN SN 1526
		Comment:	
		Date/Time:	Aug-05-2009 9:03am
		Alarm Setpoint:	50 (ppm)

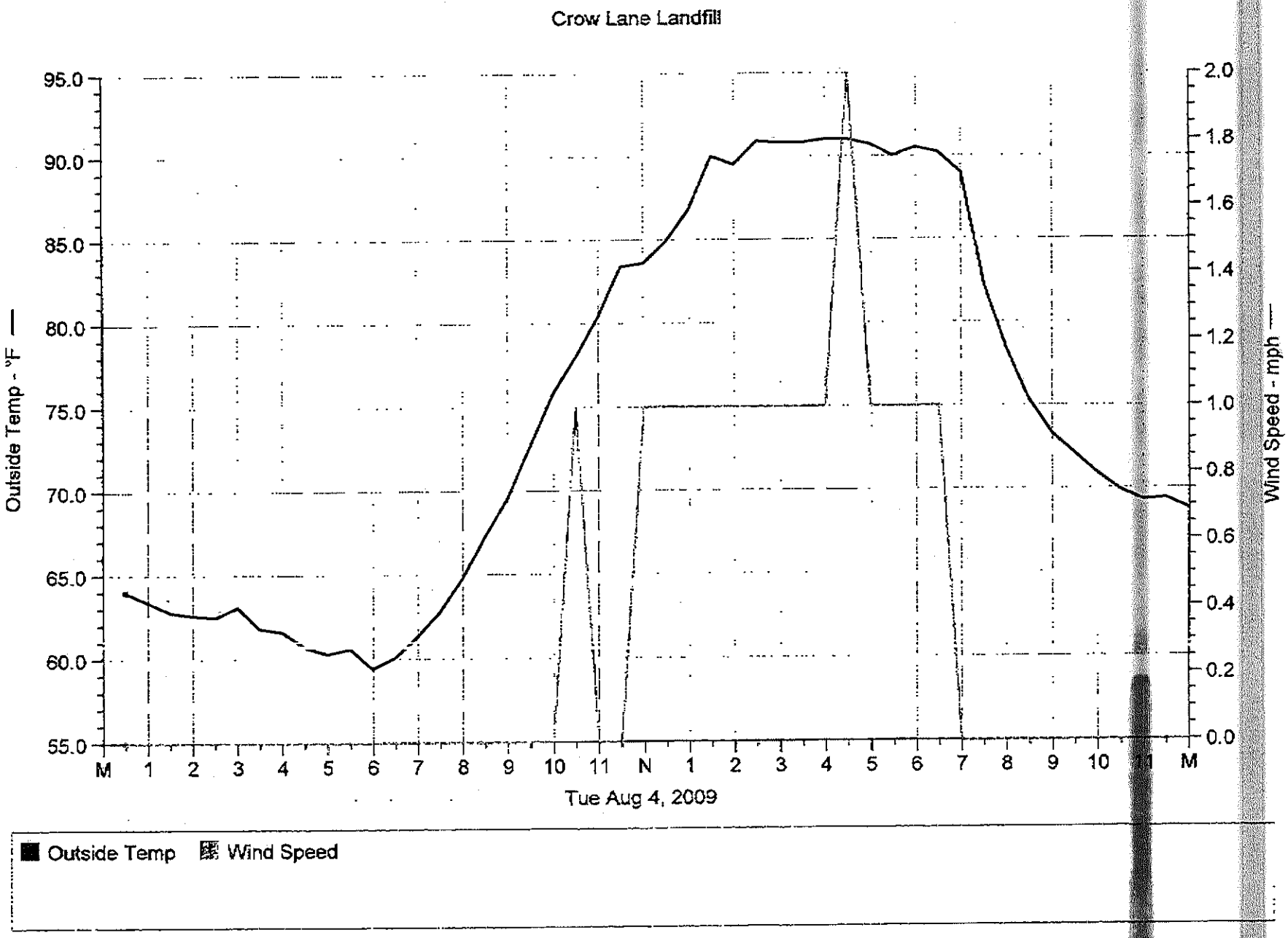


Site Name: New Ventures
Address: 20 Crow Lane
Newburyport, MA 01950

Sample Location: Charmanski Drive
Technician: Megan Thibeault
Instrument: Richard, 631-X, SN SN 1525
Comment:
Date/Time: Aug-05-2009 9:03am
Alarm Setpoint: 60 (ppm)

	DATE/TIME	RESULT (ppm)
1	Aug 04-2009 3:51:29pm	.002
2	Aug-04-2009 4:02:00pm	.001
3	Aug-04-2009 4:12:00pm	.002
4	Aug-04-2009 4:21:59pm	.001
5	Aug-04-2009 4:31:59pm	.001
6	Aug-04-2009 4:41:59pm	.001
7	Aug-04-2009 4:51:59pm	.002
8	Aug-04-2009 5:01:59pm	.002
9	Aug-04-2009 5:11:59pm	.002
10	Aug-04-2009 5:21:59pm	.001
11	Aug-04-2009 5:31:58pm	.002
12	Aug-04-2009 5:41:58pm	.002
13	Aug-04-2009 5:51:58pm	.002
14	Aug-04-2009 6:01:58pm	.001
15	Aug-04-2009 6:11:58pm	.001
16	Aug-04-2009 6:21:58pm	.001
17	Aug-04-2009 6:31:58pm	.002
18	Aug-04-2009 6:41:57pm	.001
19	Aug-04-2009 6:51:57pm	.001
20	Aug-04-2009 7:01:57pm	.001
21	Aug-04-2009 7:11:57pm	.001
22	Aug-04-2009 7:21:57pm	.001
23	Aug-04-2009 7:31:57pm	.001
24	Aug-04-2009 7:41:57pm	.001
25	Aug-04-2009 7:51:56pm	.001
26	Aug-04-2009 8:01:56pm	.001
27	Aug-04-2009 8:11:56pm	.001
28	Aug-04-2009 8:21:56pm	.001
29	Aug-04-2009 8:31:56pm	.001
30	Aug-04-2009 8:41:56pm	.001
31	Aug-04-2009 8:51:56pm	.001
32	Aug-04-2009 9:01:56pm	.001
33	Aug-04-2009 9:11:55pm	.001
34	Aug-04-2009 9:21:55pm	.001
35	Aug-04-2009 9:31:55pm	.001
36	Aug-04-2009 9:41:55pm	.001
37	Aug-04-2009 9:51:55pm	.000
38	Aug-04-2009 10:01:55pm	.000
39	Aug-04-2009 10:11:55pm	.001
40	Aug-04-2009 10:21:54pm	.000
41	Aug-04-2009 10:31:54pm	.001
42	Aug-04-2009 10:41:54pm	.000
43	Aug-04-2009 10:51:54pm	.001
44	Aug-04-2009 11:01:54pm	.001
45	Aug-04-2009 11:11:54pm	.000
46	Aug-04-2009 11:21:54pm	.001
47	Aug-04-2009 11:31:53pm	.001
48	Aug-04-2009 11:41:53pm	.001
49	Aug-04-2009 11:51:53pm	.001

	DATE/TIME	RESULT (ppm)
50	Aug-05-2009 12:01:53am	.001
51	Aug-05-2009 12:11:53am	.001
52	Aug-05-2009 12:21:53am	.001
53	Aug-05-2009 12:31:53am	.000
54	Aug-05-2009 12:41:52am	.001
55	Aug-05-2009 12:51:52am	.000
56	Aug-05-2009 1:01:52am	.001
57	Aug-05-2009 1:11:52am	.001
58	Aug-05-2009 1:21:52am	.001
59	Aug-05-2009 1:31:52am	.000
60	Aug-05-2009 1:41:52am	.000
61	Aug-05-2009 1:51:52am	.000
62	Aug-05-2009 2:01:51am	.000
63	Aug-05-2009 2:11:51am	.000
64	Aug-05-2009 2:21:51am	.000
65	Aug-05-2009 2:31:51am	.001
66	Aug-05-2009 2:41:51am	.000
67	Aug-05-2009 2:51:51am	.001
68	Aug-05-2009 3:01:51am	.001
69	Aug-05-2009 3:11:50am	.001
70	Aug-05-2009 3:21:50am	.000
71	Aug-05-2009 3:31:50am	.001
72	Aug-05-2009 3:41:50am	.001
73	Aug-05-2009 3:51:50am	.001
74	Aug-05-2009 4:01:50am	.000
75	Aug-05-2009 4:11:50am	.001
76	Aug-05-2009 4:21:49am	.000
77	Aug-05-2009 4:31:49am	.000
78	Aug-05-2009 4:41:49am	.000
79	Aug-05-2009 4:51:49am	.001
80	Aug-05-2009 5:01:49am	.000
81	Aug-05-2009 5:11:49am	.000
82	Aug-05-2009 5:21:49am	.000
83	Aug-05-2009 5:31:48am	.000
84	Aug-05-2009 5:41:48am	.000
85	Aug-05-2009 5:51:48am	.000
86	Aug-05-2009 6:01:48am	.000
87	Aug-05-2009 6:11:48am	.000
88	Aug-05-2009 6:21:48am	.001
89	Aug-05-2009 6:31:48am	.000
90	Aug-05-2009 6:41:48am	.000
91	Aug-05-2009 6:51:47am	.000
92	Aug-05-2009 7:01:47am	.001
93	Aug-05-2009 7:11:47am	000
94	Aug-05-2009 7:21:47am	.000
95	Aug-05-2009 7:31:47am	000
96	Aug-05-2009 7:41:47am	.000
97	Aug-05-2009 7:51:47am	000
98	Aug-05-2009 8:01:46am	.000
99	Aug-05-2009 8:11:46am	.000
100	Aug-05-2009 8:21:46am	.000
101	Aug-05-2009 8:31:46am	.000
102	Aug-05-2009 8:41:46am	.000
103	Aug-05-2009 8:51:46am	.000
	Readings:	103
	Minimum:	0
	Maximum:	0.002
	Average:	0.001
	SD:	0.0006


Crow Lane Landfill
Outside Temp - °F
95.0
90.0
85.0
80.0
75.0
70.0
65.0
60.0
55.0
Wind Speed - mph
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
M 1 2 3 4 5 6 7 8 9 10 11 N 1 2 3 4 5 6 7 8 9 10 11 M
Tue Aug 4, 2009
Outside Temp
Wind Speed

Crow Lane Landfill 8/04/09

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.
8/04/09	12:30a	64.0	64.1	63.7	0.0	---	0.00	0.0	64.0	0.021	0.000	73.1	30
8/04/09	1:00a	63.4	63.9	63.1	0.0	---	0.00	0.0	63.4	0.033	0.000	73.4	30
8/04/09	1:30a	62.8	63.2	62.5	0.0	---	0.00	0.0	62.8	0.046	0.000	72.6	30
8/04/09	2:00a	62.6	62.8	62.3	0.0	---	0.00	0.0	62.6	0.050	0.000	73.0	30
8/04/09	2:30a	62.5	63.0	62.1	0.0	---	0.00	0.0	62.5	0.052	0.000	72.9	30
8/04/09	3:00a	63.1	63.5	62.3	0.0	SW	0.00	1.0	63.1	0.040	0.000	72.8	30
8/04/09	3:30a	61.8	62.3	61.4	0.0	---	0.00	0.0	61.8	0.067	0.000	72.3	30
8/04/09	4:00a	61.6	62.0	61.0	0.0	---	0.00	0.0	61.6	0.071	0.000	72.5	30
8/04/09	4:30a	60.7	61.0	60.4	0.0	---	0.00	0.0	60.7	0.090	0.000	72.9	30
8/04/09	5:00a	60.3	61.0	59.8	0.0	---	0.00	0.0	60.3	0.098	0.000	73.1	30
8/04/09	5:30a	60.6	61.7	59.5	0.0	---	0.00	0.0	60.6	0.092	0.000	72.2	30
8/04/09	6:00a	59.4	60.1	59.1	0.0	---	0.00	0.0	59.4	0.117	0.000	72.3	30
8/04/09	6:30a	60.1	60.6	59.9	0.0	---	0.00	0.0	60.1	0.102	0.000	72.7	30
8/04/09	7:00a	61.3	61.9	60.6	0.0	---	0.00	0.0	61.3	0.077	0.000	73.0	30
8/04/09	7:30a	62.8	63.7	61.9	0.0	SW	0.00	1.0	62.8	0.046	0.000	72.9	30
8/04/09	8:00a	64.8	66.0	63.7	0.0	---	0.00	1.0	64.8	0.004	0.000	73.2	30
8/04/09	8:30a	67.3	78.9	65.6	0.0	SW	0.00	1.0	67.3	0.000	0.048	73.6	30
8/04/09	9:00a	69.6	71.3	68.1	0.0	SW	0.00	4.0	69.6	0.000	0.096	73.8	30
8/04/09	9:30a	72.7	74.4	71.3	0.0	WSW	0.00	4.0	72.7	0.000	0.160	74.2	30
8/04/09	10:00a	75.8	77.1	74.4	0.0	WSW	0.00	4.0	75.8	0.000	0.225	74.6	30
8/04/09	10:30a	78.0	79.4	76.6	1.0	SW	0.50	6.0	78.0	0.000	0.271	75.5	30
8/04/09	11:00a	80.4	82.2	79.1	0.0	WSW	0.00	4.0	80.4	0.000	0.321	76.4	30
8/04/09	11:30a	83.4	84.6	82.1	0.0	WSW	0.00	3.0	83.4	0.000	0.383	76.9	30
8/04/09	12:00p	83.6	84.8	83.0	1.0	NNW	0.50	5.0	83.6	0.000	0.387	77.2	30
8/04/09	12:30p	84.9	85.5	84.4	1.0	NNW	0.50	7.0	84.9	0.000	0.415	77.8	30
8/04/09	1:00p	86.8	89.9	84.1	1.0	ENE	0.50	5.0	86.8	0.000	0.454	78.4	30
8/04/09	1:30p	90.0	90.7	89.2	1.0	S	0.50	4.0	90.0	0.000	0.521	78.9	30
8/04/09	2:00p	89.5	92.1	-19.7	1.0	NNW	0.50	8.0	89.5	0.000	0.510	78.5	30
8/04/09	2:30p	90.9	92.2	88.4	1.0	NNW	0.50	9.0	90.9	0.000	0.540	78.9	30
8/04/09	3:00p	90.8	92.4	89.6	1.0	NW	0.50	7.0	90.8	0.000	0.538	79.1	30
8/04/09	3:30p	90.8	92.1	89.3	1.0	NNW	0.50	6.0	90.8	0.000	0.538	78.5	30
8/04/09	4:00p	91.0	93.0	89.3	1.0	SW	0.50	6.0	91.0	0.000	0.542	106.8	30
8/04/09	4:30p	91.0	92.6	89.9	2.0	SSW	1.00	8.0	91.0	0.000	0.542	78.6	30
8/04/09	5:00p	90.7	91.8	89.4	1.0	W	0.50	8.0	90.7	0.000	0.535	78.5	30
8/04/09	5:30p	90.0	90.6	89.2	1.0	NNW	0.50	6.0	90.0	0.000	0.521	78.5	30
8/04/09	6:00p	90.5	91.5	89.3	1.0	SW	0.50	6.0	90.5	0.000	0.531	80.5	30
8/04/09	6:30p	90.2	91.0	89.3	1.0	WSW	0.50	4.0	90.2	0.000	0.525	76.7	30
8/04/09	7:00p	89.0	92.8	84.5	0.0	W	0.00	3.0	89.0	0.000	0.500	74.8	30
8/04/09	7:30p	82.3	84.5	80.2	0.0	W	0.00	1.0	82.3	0.000	0.360	72.9	30
8/04/09	8:00p	78.4	80.2	76.6	0.0	---	0.00	0.0	78.4	0.000	0.279	71.3	30
8/04/09	8:30p	75.3	76.6	74.1	0.0	---	0.00	0.0	75.3	0.000	0.215	69.9	30
8/04/09	9:00p	73.3	74.1	72.8	0.0	---	0.00	0.0	73.3	0.000	0.173	70.9	30
8/04/09	9:30p	72.1	72.8	71.6	0.0	---	0.00	0.0	72.1	0.000	0.148	71.0	30
8/04/09	10:00p	70.9	71.6	70.3	0.0	---	0.00	0.0	70.9	0.000	0.123	70.8	30
8/04/09	10:30p	69.9	70.3	69.6	0.0	---	0.00	0.0	69.9	0.000	0.102	70.8	30
8/04/09	11:00p	69.3	69.7	69.0	0.0	W	0.00	3.0	69.3	0.000	0.090	70.4	30
8/04/09	11:30p	69.4	69.9	69.2	0.0	W	0.00	3.0	69.4	0.000	0.092	70.4	30
8/05/09	12:00a	68.8	69.2	68.4	0.0	WSW	0.00	1.0	68.8	0.000	0.079	70.5	30

Crow Lane Landfill
H_2S Pretreatment System Monitoring Report

DATE	INLET					OUTLET					Flow Rate cfm
	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	
8/4/2009	7:00 AM	–	1	7,000	4.5	7:00 AM	–	1	TRACE	12.0	199.7
	5:00PM	–	1	7,000	4.5	5:00PM	–	1	TRACE	12.0	199.4

Performed By: Megan Thibeault Signature: [illegible] Date: 8-4-09

Performed By: _____ Signature: _____ Date: _____

Performed By: _____ Signature: _____ Date: _____

Performed By: _____ Signature: _____ Date: _____

AUG 05,2009 09:02A 000-000-00000 page 7

Crow Lane Landfill
Collection System Monitoring Report

Time: 7AM

Date: 8/4/2009 Barometric Pressure: 29.84 Performed By: Megan Thibeault

Weather: Sunny Temp: 88F

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	14.5	18.4	8.6	50.4	Trace	1652	—	12.0	—	0.5	199.7
EW1	39.4	33.7	4.1	22.7	10,000	63	—	1.0	0.5	0.5	—
EW2	48.5	36.7	1.0	14.5	2,000	68	—	1.0	0.5	0.5	—
EW3	47.4	45.3	0.0	17.3	6,000	65	—	0.5	0.5	0.5	—
EW4	47.7	45.0	0.0	14.3	2,000	62	—	0.5	0.5	0.5	—
EW5	13.5	13.8	1.3	60.7	3,000	115	—	1.0	0.5	0.5	—
EW6	52.3	47.1	2.1	15.6	8,000	80	—	1.0	0.5	0.5	—
EW7	49.2	41.4	1.6	19.5	20,000	62	—	1.5	1.0	0.5	—
EW8	34.9	39.6	1.8	24.5	2,000	81	—	1.0	1.5	0.5	—
EW9	30.1	34.8	1.0	35.2	8,000	66	—	1.5	1.5	0.5	—
EW10	36.0	41.7	3.0	21.7	3,000	72	—	3.0	0.5	0.5	—
EW11	48.2	51.7	2.9	11.6	13,000	66	—	0.5	0.5	0.5	—
EW12	52.3	47.1	4.2	17.5	1,000	82	—	1.0	0.0	0.5	—
EW13	13.7	14.6	5.6	60.0	4,000	124	—	1.0	0.5	0.5	—

Crow Lane Landfill
Gas System Inspection Report

Time: 7AM

Date: 8/4/2009

Weather: Sunny

Temp: 88F

By: Megan Thibeault

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: 8-4-09			7AM X	Check Times When Survey Is Done	
			7PM	12Midnight	
Weather: Sunny			Survey Performed By: Megan Thibeault		
Perimeter Monitoring Location	Jerome Meter Reading (1)	Jerome Meter Reading (2)	Odor Detected (Y/N)	Odor Intensity (1 - 5)	Comments**
Location #1	0.001	0.000	N	N/A	
Location #2	0.000	0.000	N	N/A	
Location #3	0.001	0.000	N	N/A	
Location #4	0.001	0.001	N	N/A	
Location #5	0.000	0.000	N	N/A	
Location #6	0.001	0.000	N	N/A	
Location #7	0.000	0.000	N	N/A	
Surface Monitoring Locations					
Location #8	0.001	0.000	N	N/A	
Location #9	0.000	0.000	N	N/A	
Location #10	0.001	0.000	N	N/A	
Location #11	0.000	0.000	N	N/A	
Location #12	0.001	0.001	N	N/A	
Location #13	0.000	0.000	N	N/A	

RAIN NO DATA

Note: Attached Map Showing Locations and Readings

Crow Lane Landfill
Complaint Response Report

Date: 8-4-09 Time of Complaint: 8:35

Complainant

Name: Alida Frey

Address: 5 Wilson Way

Response

Time: 8:45

By Name: Megan Thibeault

Odor: YES NO (circle one)

Other: _____ Initial: MT

Were odors detected during the response? NO

Odor Intensity (1-5 scale) N/A Odor Duration N/A

Odor Description/Type N/A

Location	H2S Readings During Response				Comments
outside of home.	.000	.000	.000	.000	No odors on any of the following streets Wilson Way, Low St. or Crow Ln.
Low St.	.000	.000	.000	.000	
Crow Lane.	.000	.000	.000	.000	

Weather Conditions at time of response: Sunny

Wind: Direction (From) SW Speed: 0mph

Was Perimeter Landfill Survey Performed following the complaint? YES NO (circle one)

Id: 2039 (2039) 8:34a Tu Aug-04 Page: 1

In: 8:33a Tu Aug-04 '09 LAI 116
Out: 8:34a Tu Aug-04 '09 LAI r/p 1:19
:If Clr Refuses Info Must Note:
For: ETHAN
From: ALIDA FREY
Tel: 978 465 2593 V
St Address: 5 WILSON WAY
City: NEWBURYPORT
Is This Re Odor Complaint: Y
Do You Want A Call Back: N
Re: CALLING TO REPORT ODORS/HAS HAD
THEM SINCE LAST NIGHT
==========
* 8:34a Tu Aug-04 LAI CEL ETHAN

ÇEnd of Transmission ==========

Crow Lane Landfill
Complaint Response Report

Date 8-4-09 Time of Complaint: 8:25 PM

Complaintant

Name Jackie St.Clair

Address [redacted] 211 Law St.

Response

Time 8:41 PM

By Name: Nick Smith

Odor (YES) NO (circle one)

Other. _____ Initial: N.S.

Were odors detected during the response? NO

Odor Intensity (1-5 scale) N/A Odor Duration N/A

Odor Description/Type N/A.

Location	H2S Readings During Response				Comments
Outside of house	.000	.000	.000	.000	

Weather Conditions at time of response clear

Wind: Direction (From) W Speed 0mph

Was Perimeter Landfill Survey Performed following the complaint? (YES) NO (circle one)

==========

Id: 2039 (2039) 5:15a We Aug-05 Page: 1

Undelivered items:

Already delivered items:

In: 8:25p Tu Aug-04 '09 SBC 117
Out: 8:28p Tu Aug-04 '09 SBC r/p 1:48
:If Clr Refuses Info Must Note:
For: OFFICE
From: JACKIE ST CLAIR
Tel: 978 462 8677 V
St Address: 211 LOW ST
City: NEWBURY PORT
Is This Re Odor Complaint: YES
Do You Want A Call Back: NO
Re: SOMEONE IS SUPPOSED TO BE ON DUTY
ON SUNDAYS BUT ISNT/ ODOR IS
==========
* 8:26p Tu Aug-04 SBC CEL ETHAN

CEnd of Transmission ==========