AP - 002

STAGE 1 & 2 REPORTS

DATE:

May, 1998

GRIMES BATTERY and TASKER ROAD SITE MAINTENANCE SUMMARY

RECEIVED
MAY 13 1998
Environmental Bureau
Oil Conservation Division

May 1998

Shell Exploration and Production Technology Company
Houston, Texas

Prepared by

BBC INTERNATIONAL
INCORPORATED

1324 W. Marland Blvd.
Hobbs, New Mexico 88240

WORLD-WIDE ENVIRONMENTAL / BIOREMEDIATION SPECIALISTS

BBC INTERNATIONAL
INCORPORATED

PHONE (505) 397-6388 • FAX (505) 397-0397 • 1324 W. MARLAND • P.O. BOX 297 • HOBBS, NM 88241-0297
E-MAIL: bbc@bbcinternational.com

May 8, 1998

Mr. William C. Olson
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

RE: Grimes Lease/Tasker Road Site Maintenance

Dear Mr. Olson:

On behalf of Shell Petroleum Exploration and Technology Company, BBC International, Inc. submits this report of site activities conducted on the above mentioned sites pursuant to your approval letter of April 23, 1998.

Below is the summary of the activities conducted:

1. **Perry Residence:** The Perry's yard was maintained and cleaned of all previous site sampling debris and new top soil added for future sod replacement. The contaminated soil debris was placed on the lot to the south of the Perry home with the other previous sampling debris to be removed and disposed of later. These activities were conducted on April 27th and April 28th, 1998.

2. **Grimes Battery:** A 6' high chain link fence with a locked gate was installed around the excavated pit for site security. These activities were conducted on April 29th and April 30th, 1998.

3. **Concrete Foundation (Cobb property):** The concrete foundation was removed with a front end loader. No excavation was conducted. Air quality monitoring was conducted at all times using a photo ionization detector (PID) and all results were data-logged (see attached data-logs/graphs). A site safety and air quality plan was submitted to Mr. Wayne Price, Hobbs OCD office, for approval prior to the start of activities (see attached). After approval was given, removal and monitoring activities commenced. Visual observation of the soils beneath and around the foundation were consistent with what was observed in the earlier site sampling. Split samples were taken by Mr. Price and BBC for analysis for volatiles, semi-volatiles, and TPH. After removal of the foundation, the hole was backfilled with clean top soil for seeding of grass, pending remediation. The air monitoring

showed no readings unless the PID was placed right next the contaminated soils. Periodic walk around monitoring was conducted and no significant readings were observed. Occasionally, a small spike would appear, which could be attributed to the heavy machinery's exhaust. This was observed and concurred by Mr. Price. At no time during this procedure was the health of the public impacted. Constant watering of the site was conducted for dust control. Air monitoring of site was conducted the evening of May 6th, per Mr. Price's instructions, to check for any emissions. None were detected (see attached data-logs).A total of 38 cubic yards of clean concrete debris was disposed off at the public land fill. A total of 10 cubic yards of contaminated concrete debris and the previous sampling debris that was scraped from the surface around the foundation was disposed of at the OCD-approved Sundance Services Parabo Facility in Eunice, NM. Final site activity included the tilling in of grass seed. The site will be watered occasionally for dust control and grass growth. All activities were monitored by Mr. Price. These activities were conducted on May 6th, 7th, and 8th, 1998.

If you have any questions, please contact myself or Mr. Wayne Hamilton, Shell E & P Technology Company at (281) 544-2322.

Sincerely,

Cliff P. Brunson

Cliff P. Brunson, CEI, CRS
President

CPB:mo

cc: Wayne Hamilton-Shell E & P Technology Company
Chris Williams-OCD, Hobbs
Wayne Price-OCD, Hobbs

attachments

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Site Safety & Health Plan
Tasker Road - Hobbs, New Mexico
May 6, 1998

Procedures:

1.) Perform tailgate site safety meeting prior to start of any activities. Written document will be signed by all attendees and social security numbers.

2.) Site Project Manager: Joe Frank Dean, BBC International, Inc.

3.) Site phone number: (505) 390-6103

4.) Emergency Phone Numbers: 397-6388 (24 hrs.) - BBC International, Inc.
911- (Police, Fire, Ambulance)
392-5571 - Dr. Hood (company Doctor)
392-9212 - Columbia Lea Regional Medical Center

5.) Safety Coordinator - Terry Brem - 393-6169

6.) H_2S monitors will be in place or on person while on location at all times.

7.) 3 gas monitor will be on location at all times.

8.) A photo ionization detector will be on site at all times to monitor for volatile organic compounds (VOCs).

9.) A first aid kit will be on location at all times.

10.) All first aid injuries or needs will be reported to the Site Project Manager first, then further action will be taken if necessary.

11.) All personnel will have personal protection equipment (PPE). As a minimum, hard hats, steel toe safety shoes, gloves, and safety glasses.

BBC INTERNATIONAL
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Air Quality Corrective Action & Health Plan
Tasker Road - Hobbs, New Mexico
May 6, 1998

Procedures:

1.) A photo ionization detector (PID) will be on site at all times to monitor for fugitive volatile organic compounds (VOCs). A ToxicRae PGM-30D instrument will be used to monitor the air.

2.) The vapors to be monitored are: toluene, benzene, and xylene. The action limits are:

TWA:	10ppm
STEL:	25 ppm
Low:	50 ppm
High:	100 ppm

3.) The PID will be on at all times and will be placed near excavation sites and will be used to monitor the site area in a walk around of the site perimeter periodically.

4.) The readings will be instantaneous and all readings will be data-logged at an interval of every 60 seconds. All data-logging information will be down loaded to a PC after completion of site activities. Print outs will be generated.

5.) Corrective Action: In the event fugitive emissions exceed alarm limits continuously, all site excavation activities will be suspended, fresh soil placed on top of the emission source, the OCD notified, home office notified, and any residents potentially affected will be notified.

6.) Site Project Manager: Joe Frank Dean, BBC International, Inc.

7.) Site phone number: (505) 390-6103

8.) Emergency Phone Numbers: 397-6388 (24 hrs.) - BBC International, Inc.
911- (Police, Fire, Ambulance)
392-5571 - Dr. Hood (company Doctor)
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9.) Safety Coordinator - Terry Brem - 393-6169

10.) H_2S monitors will be in place or on person while on location at all times.

11.) 3 gas monitor will be on location at all times.

12.) A photo ionization detector will be on site at all times to monitor for volatile organic compounds (VOCs).

13.) A first aid kit will be on location at all times.

14.) All first aid injuries or needs will be reported to the Site Project Manager first, then further action will be taken if necessary.

15.) All personnel will have personal protection equipment (PPE). As a minimum, hard hats, steel toe safety shoes, gloves, and safety glasses.

AIR MONITORING DATA
&
GRAPHS

S/N:000212 User ID:9098 Site ID:1001 Cal:6/1 34:38 103.7 ppm
Year:1998 Period(S):60 Data Pts:348 Chk:6/1 34:39 105.9 ppm

Date	Time	Min	Avg	Max	High	Low	STEL	TWA
		ppm			100.0	50.0	25.0	10.0
							STEL	TWA
05/06	10:54	0.0	0.0	0.0			0.0	0.0
	10:55	0.0	0.0	1.9			0.0	0.0
	10:56	0.0	0.0	0.0			0.0	0.0
	10:57	0.0	0.0	0.0			0.0	0.0
	10:58	0.0	0.0	0.0			0.0	0.0
	10:59	0.0	0.0	0.0			0.0	0.0
	11: 0	0.0	0.0	0.0			0.0	0.0
	11: 1	0.0	0.0	0.0			0.0	0.0
	11: 2	0.0	0.1	7.9			0.0	0.0
	11: 3	0.0	0.0	0.0			0.0	0.0
	11: 4	0.0	0.0	0.0			0.0	0.0
	11: 5	0.0	0.0	0.0			0.0	0.0
	11: 6	0.0	0.1	6.4			0.0	0.0
	11: 7	0.0	0.0	0.0			0.0	0.0
	11: 8	0.0	0.0	0.0			0.0	0.0
	11: 9	0.0	0.0	0.0			0.0	0.0
	11:10	0.0	0.0	0.0			0.0	0.0
	11:11	0.0	0.0	0.0			0.0	0.0
	11:12	0.0	0.0	0.0			0.0	0.0
	11:13	0.0	0.0	0.0			0.0	0.0
	11:14	0.0	0.0	0.0			0.0	0.0
	11:15	0.0	0.0	0.0			0.0	0.0
	11:16	0.0	0.0	0.0			0.0	0.0
	11:17	0.0	0.0	0.0			0.0	0.0
	11:18	0.0	0.0	0.0			0.0	0.0
	11:19	0.0	0.0	0.0			0.0	0.0
	11:20	0.0	0.0	0.0			0.0	0.0
	11:21	0.0	0.0	3.8			0.0	0.0
	11:22	0.0	0.0	1.7			0.0	0.0
	11:23	0.0	0.0	0.0			0.0	0.0
	11:24	0.0	0.0	0.0			0.0	0.0
	11:25	0.0	0.1	3.5			0.0	0.0
	11:26	0.0	0.0	0.0			0.0	0.0
	11:27	0.0	0.0	0.0			0.0	0.0
	11:28	0.0	0.0	0.0			0.0	0.0
	11:29	0.0	0.0	0.0			0.0	0.0
	11:30	0.0	0.0	0.0			0.0	0.0
	11:31	0.0	0.0	0.0			0.0	0.0
	11:32	0.0	0.0	0.0			0.0	0.0
	11:33	0.0	0.0	0.0			0.0	0.0
	11:34	0.0	0.0	0.0			0.0	0.0
	11:35	0.0	0.1	7.0			0.0	0.0
	11:36	0.0	0.0	0.0			0.0	0.0
	11:37	0.0	0.0	0.0			0.0	0.0
	11:38	0.0	0.4	17.5			0.0	0.0
	11:39	0.0	0.0	0.0			0.0	0.0
	11:40	0.0	0.0	0.0			0.0	0.0
	11:41	0.0	0.0	0.0			0.0	0.0
	11:42	0.0	0.0	0.0			0.0	0.0
	11:43	0.0	0.0	0.0			0.0	0.0
	11:44	0.0	0.0	0.0			0.0	0.0
	11:45	0.0	0.0	0.0			0.0	0.0
	11:46	0.0	0.0	0.0			0.0	0.0
	11:47	0.0	0.0	0.0			0.0	0.0
	11:48	0.0	0.0	0.0			0.0	0.0
	11:49	0.0	0.0	0.0			0.0	0.0
	11:50	0.0	0.0	0.0			0.0	0.0
	11:51	0.0	0.0	0.0			0.0	0.0

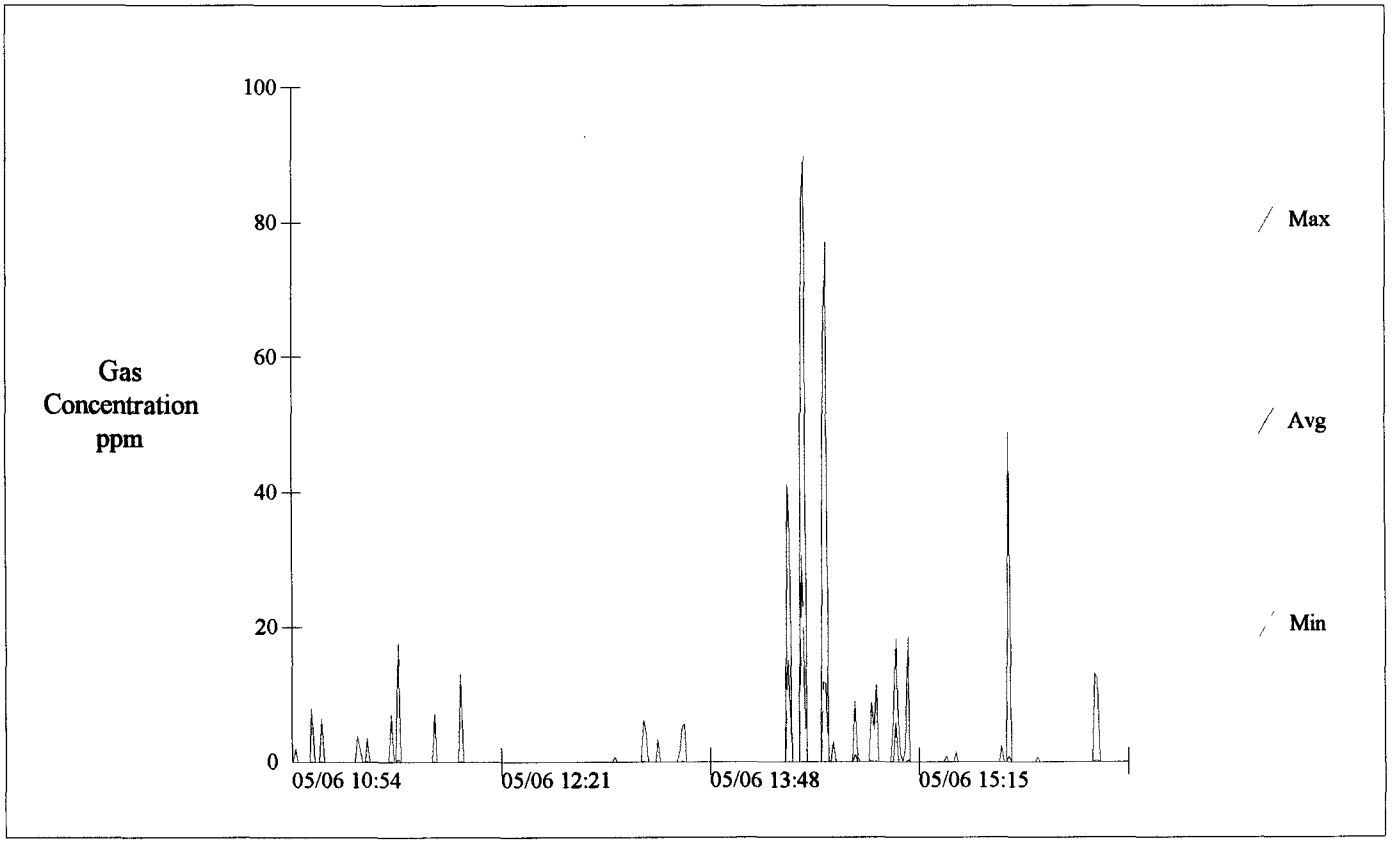
11:52	0.0	0.0	0.0	0.0	0.0
11:53	0.0	0.1	7.1	0.0	0.0
11:54	0.0	0.0	0.0	0.0	0.0
11:55	0.0	0.0	0.0	0.0	0.0
11:56	0.0	0.0	0.0	0.0	0.0
11:57	0.0	0.0	0.0	0.0	0.0
11:58	0.0	0.0	0.0	0.0	0.0
11:59	0.0	0.0	0.0	0.0	0.0
12: 0	0.0	0.0	0.0	0.0	0.0
12: 1	0.0	0.0	0.0	0.0	0.0
12: 2	0.0	0.0	0.0	0.0	0.0
12: 3	0.0	0.0	0.0	0.0	0.0
12: 4	0.0	0.2	13.1	0.0	0.0
12: 5	0.0	0.0	0.0	0.0	0.0
12: 6	0.0	0.0	0.0	0.0	0.0
12: 7	0.0	0.0	0.0	0.0	0.0
12: 8	0.0	0.0	0.0	0.0	0.0
12: 9	0.0	0.0	0.0	0.0	0.0
12:10	0.0	0.0	0.0	0.0	0.0
12:11	0.0	0.0	0.0	0.0	0.0
12:12	0.0	0.0	0.0	0.0	0.0
12:13	0.0	0.0	0.0	0.0	0.0
12:14	0.0	0.0	0.0	0.0	0.0
12:15	0.0	0.0	0.0	0.0	0.0
12:16	0.0	0.0	0.0	0.0	0.0
12:17	0.0	0.0	0.0	0.0	0.0
12:18	0.0	0.0	0.0	0.0	0.0
12:19	0.0	0.0	0.0	0.0	0.0
12:20	0.0	0.0	0.0	0.0	0.0
12:21	0.0	0.0	0.0	0.0	0.0
12:22	0.0	0.0	0.0	0.0	0.0
12:23	0.0	0.0	0.0	0.0	0.0
12:24	0.0	0.0	0.0	0.0	0.0
12:25	0.0	0.0	0.0	0.0	0.0
12:26	0.0	0.0	0.0	0.0	0.0
12:27	0.0	0.0	0.0	0.0	0.0
12:28	0.0	0.0	0.0	0.0	0.0
12:29	0.0	0.0	0.0	0.0	0.0
12:30	0.0	0.0	0.0	0.0	0.0
12:31	0.0	0.0	0.0	0.0	0.0
12:32	0.0	0.0	0.0	0.0	0.0
12:33	0.0	0.0	0.0	0.0	0.0
12:34	0.0	0.0	0.0	0.0	0.0
12:35	0.0	0.0	0.0	0.0	0.0
12:36	0.0	0.0	0.0	0.0	0.0
12:37	0.0	0.0	0.0	0.0	0.0
12:38	0.0	0.0	0.0	0.0	0.0
12:39	0.0	0.0	0.0	0.0	0.0
12:40	0.0	0.0	0.0	0.0	0.0
12:41	0.0	0.0	0.0	0.0	0.0
12:42	0.0	0.0	0.0	0.0	0.0
12:43	0.0	0.0	0.0	0.0	0.0
12:44	0.0	0.0	0.0	0.0	0.0
12:45	0.0	0.0	0.0	0.0	0.0
12:46	0.0	0.0	0.0	0.0	0.0
12:47	0.0	0.0	0.0	0.0	0.0
12:48	0.0	0.0	0.0	0.0	0.0
12:49	0.0	0.0	0.0	0.0	0.0
12:50	0.0	0.0	0.0	0.0	0.0
12:51	0.0	0.0	0.0	0.0	0.0
12:52	0.0	0.0	0.0	0.0	0.0
12:53	0.0	0.0	0.0	0.0	0.0
12:54	0.0	0.0	0.0	0.0	0.0
12:55	0.0	0.0	0.0	0.0	0.0

12:56	0.0	0.0	0.0	0.0	0.0
12:57	0.0	0.0	0.0	0.0	0.0
12:58	0.0	0.0	0.0	0.0	0.0
12:59	0.0	0.0	0.0	0.0	0.0
13: 0	0.0	0.0	0.0	0.0	0.0
13: 1	0.0	0.0	0.0	0.0	0.0
13: 2	0.0	0.0	0.0	0.0	0.0
13: 3	0.0	0.0	0.0	0.0	0.0
13: 4	0.0	0.0	0.0	0.0	0.0
13: 5	0.0	0.0	0.0	0.0	0.0
13: 6	0.0	0.0	0.0	0.0	0.0
13: 7	0.0	0.0	0.0	0.0	0.0
13: 8	0.0	0.0	0.7	0.0	0.0
13: 9	0.0	0.0	0.0	0.0	0.0
13:10	0.0	0.0	0.0	0.0	0.0
13:11	0.0	0.0	0.0	0.0	0.0
13:12	0.0	0.0	0.0	0.0	0.0
13:13	0.0	0.0	0.0	0.0	0.0
13:14	0.0	0.0	0.0	0.0	0.0
13:15	0.0	0.0	0.0	0.0	0.0
13:16	0.0	0.0	0.0	0.0	0.0
13:17	0.0	0.0	0.0	0.0	0.0
13:18	0.0	0.0	0.0	0.0	0.0
13:19	0.0	0.0	0.0	0.0	0.0
13:20	0.0	0.1	6.2	0.0	0.0
13:21	0.0	0.0	4.2	0.0	0.0
13:22	0.0	0.0	0.0	0.0	0.0
13:23	0.0	0.0	0.0	0.0	0.0
13:24	0.0	0.0	0.0	0.0	0.0
13:25	0.0	0.0	0.0	0.0	0.0
13:26	0.0	0.0	3.3	0.0	0.0
13:27	0.0	0.0	0.0	0.0	0.0
13:28	0.0	0.0	0.0	0.0	0.0
13:29	0.0	0.0	0.0	0.0	0.0
13:30	0.0	0.0	0.0	0.0	0.0
13:31	0.0	0.0	0.0	0.0	0.0
13:32	0.0	0.0	0.0	0.0	0.0
13:33	0.0	0.0	0.0	0.0	0.0
13:34	0.0	0.0	0.0	0.0	0.0
13:35	0.0	0.0	1.8	0.0	0.0
13:36	0.0	0.2	5.1	0.0	0.0
13:37	0.0	0.0	5.6	0.0	0.0
13:38	0.0	0.0	0.0	0.0	0.0
13:39	0.0	0.0	0.0	0.0	0.0
13:40	0.0	0.0	0.0	0.0	0.0
13:41	0.0	0.0	0.0	0.0	0.0
13:42	0.0	0.0	0.0	0.0	0.0
13:43	0.0	0.0	0.0	0.0	0.0
13:44	0.0	0.0	0.0	0.0	0.0
13:45	0.0	0.0	0.0	0.0	0.0
13:46	0.0	0.0	0.0	0.0	0.0
13:47	0.0	0.0	0.0	0.0	0.0
13:48	0.0	0.0	0.0	0.0	0.0
13:49	0.0	0.0	0.0	0.0	0.0
13:50	0.0	0.0	0.0	0.0	0.0
13:51	0.0	0.0	0.0	0.0	0.0
13:52	0.0	0.0	0.0	0.0	0.0
13:53	0.0	0.0	0.0	0.0	0.0
13:54	0.0	0.0	0.0	0.0	0.0
13:55	0.0	0.0	0.0	0.0	0.0
13:56	0.0	0.0	0.0	0.0	0.0
13:57	0.0	0.0	0.0	0.0	0.0
13:58	0.0	0.0	0.0	0.0	0.0
13:59	0.0	0.0	0.0	0.0	0.0

14: 0	0.0	0.0	0.0		0.0	0.0
14: 1	0.0	0.0	0.0		0.0	0.0
14: 2	0.0	0.0	0.0		0.0	0.0
14: 3	0.0	0.0	0.0		0.0	0.0
14: 4	0.0	0.0	0.0		0.0	0.0
14: 5	0.0	0.0	0.0		0.0	0.0
14: 6	0.0	0.0	0.0		0.0	0.0
14: 7	0.0	0.0	0.0		0.0	0.0
14: 8	0.0	0.0	0.0		0.0	0.0
14: 9	0.0	0.0	0.0		0.0	0.0
14:10	0.0	0.0	0.0		0.0	0.0
14:11	0.0	0.0	0.0		0.0	0.0
14:12	0.0	0.0	0.0		0.0	0.0
14:13	0.0	0.0	0.0		0.0	0.0
14:14	0.0	0.0	0.0		0.0	0.0
14:15	0.0	0.0	0.0		0.0	0.0
14:16	0.0	0.0	0.0		0.0	0.0
14:17	0.0	0.0	0.0		0.0	0.0
14:18	0.0	0.0	0.0		0.0	0.0
14:19	0.0	0.0	0.0		0.0	0.0
14:20	0.0	15.0	41.1		1.0	0.0
14:21	0.0	10.5	33.4		1.7	0.1
14:22	0.0	0.0	0.0		1.7	0.1
14:23	0.0	0.0	0.0		1.7	0.1
14:24	0.0	0.0	0.0		1.7	0.1
14:25	0.0	0.0	0.0		1.7	0.1
14:26	0.0	30.5	82.9	Lo	3.7	0.1
14:27	0.0	12.5	89.8	Lo	4.6	0.1
14:28	0.0	0.0	0.0		4.6	0.1
14:29	0.0	0.0	0.0		4.6	0.1
14:30	0.0	0.0	0.0		4.6	0.1
14:31	0.0	0.0	0.0		4.6	0.1
14:32	0.0	0.0	0.0		4.6	0.1
14:33	0.0	0.0	0.0		4.6	0.1
14:34	0.0	0.0	0.0		4.6	0.1
14:35	0.0	11.8	61.9	Lo	4.4	0.2
14:36	0.0	11.5	77.1	Lo	4.4	0.2
14:37	0.0	0.0	0.0		4.4	0.2
14:38	0.0	0.0	0.0		4.4	0.2
14:39	0.0	0.0	2.9		4.4	0.2
14:40	0.0	0.0	0.0		4.4	0.2
14:41	0.0	0.0	0.0		2.4	0.2
14:42	0.0	0.0	0.0		1.6	0.2
14:43	0.0	0.0	0.0		1.6	0.2
14:44	0.0	0.0	0.0		1.6	0.2
14:45	0.0	0.0	0.0		1.6	0.2
14:46	0.0	0.0	0.0		1.6	0.2
14:47	0.0	0.0	0.0		1.6	0.2
14:48	0.0	1.0	9.0		1.6	0.2
14:49	0.0	0.0	0.8		1.6	0.2
14:50	0.0	0.0	0.0		0.8	0.2
14:51	0.0	0.0	0.0		0.1	0.2
14:52	0.0	0.0	0.0		0.1	0.2
14:53	0.0	0.0	0.0		0.1	0.2
14:54	0.0	0.0	0.0		0.1	0.2
14:55	0.0	0.1	8.8		0.1	0.2
14:56	0.0	0.0	4.7		0.1	0.2
14:57	0.0	0.1	11.4		0.1	0.2
14:58	0.0	0.0	0.0		0.1	0.2
14:59	0.0	0.0	0.0		0.1	0.2
15: 0	0.0	0.0	0.0		0.1	0.2
15: 1	0.0	0.0	0.0		0.1	0.2
15: 2	0.0	0.0	0.0		0.1	0.2
15: 3	0.0	0.0	0.0		0.0	0.2

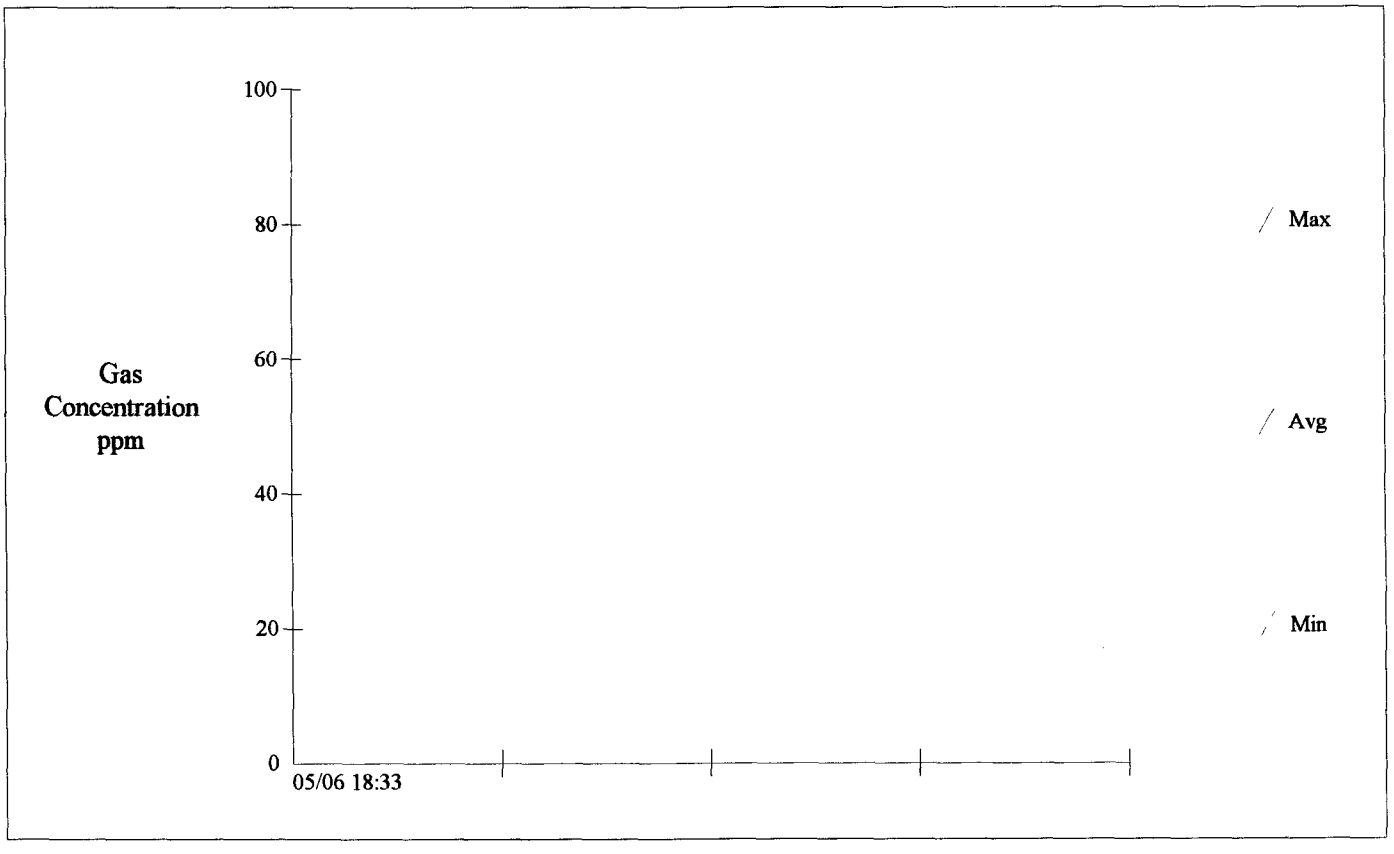
15: 4	0.0	0.2	6.1	0.0	0.2
15: 5	0.0	5.8	18.2	0.4	0.2
15: 6	0.0	0.1	6.1	0.4	0.2
15: 7	0.0	0.0	1.1	0.4	0.2
15: 8	0.0	0.0	0.0	0.4	0.2
15: 9	0.0	0.0	2.2	0.4	0.2
15:10	0.0	0.3	18.5	0.4	0.2
15:11	0.0	0.0	0.0	0.4	0.2
15:12	0.0	0.0	0.0	0.4	0.2
15:13	0.0	0.0	0.0	0.4	0.2
15:14	0.0	0.0	0.0	0.4	0.2
15:15	0.0	0.0	0.0	0.4	0.2
15:16	0.0	0.0	0.0	0.4	0.2
15:17	0.0	0.0	0.0	0.4	0.2
15:18	0.0	0.0	0.0	0.4	0.2
15:19	0.0	0.0	0.0	0.4	0.2
15:20	0.0	0.0	0.0	0.0	0.2
15:21	0.0	0.0	0.0	0.0	0.2
15:22	0.0	0.0	0.0	0.0	0.2
15:23	0.0	0.0	0.0	0.0	0.2
15:24	0.0	0.0	0.0	0.0	0.2
15:25	0.0	0.0	0.0	0.0	0.2
15:26	0.0	0.0	0.9	0.0	0.2
15:27	0.0	0.0	0.0	0.0	0.2
15:28	0.0	0.0	0.0	0.0	0.2
15:29	0.0	0.0	0.0	0.0	0.2
15:30	0.0	0.0	1.4	0.0	0.2
15:31	0.0	0.0	0.0	0.0	0.2
15:32	0.0	0.0	0.0	0.0	0.2
15:33	0.0	0.0	0.0	0.0	0.2
15:34	0.0	0.0	0.0	0.0	0.2
15:35	0.0	0.0	0.0	0.0	0.2
15:36	0.0	0.0	0.0	0.0	0.2
15:37	0.0	0.0	0.0	0.0	0.2
15:38	0.0	0.0	0.0	0.0	0.2
15:39	0.0	0.0	0.0	0.0	0.2
15:40	0.0	0.0	0.0	0.0	0.2
15:41	0.0	0.0	0.0	0.0	0.2
15:42	0.0	0.0	0.0	0.0	0.2
15:43	0.0	0.0	0.0	0.0	0.2
15:44	0.0	0.0	0.0	0.0	0.2
15:45	0.0	0.0	0.0	0.0	0.2
15:46	0.0	0.0	0.0	0.0	0.2
15:47	0.0	0.0	0.0	0.0	0.2
15:48	0.0	0.0	0.0	0.0	0.2
15:49	0.0	0.0	2.3	0.0	0.2
15:50	0.0	0.0	0.0	0.0	0.2
15:51	0.0	0.0	0.0	0.0	0.2
15:52	0.0	0.8	48.8	0.1	0.2
15:53	0.0	0.0	0.0	0.1	0.2
15:54	0.0	0.0	0.0	0.1	0.2
15:55	0.0	0.0	0.0	0.1	0.2
15:56	0.0	0.0	0.0	0.1	0.2
15:57	0.0	0.0	0.0	0.1	0.2
15:58	0.0	0.0	0.0	0.1	0.2
15:59	0.0	0.0	0.0	0.1	0.2
16: 0	0.0	0.0	0.0	0.1	0.2
16: 1	0.0	0.0	0.0	0.1	0.2
16: 2	0.0	0.0	0.0	0.1	0.2
16: 3	0.0	0.0	0.0	0.1	0.2
16: 4	0.0	0.0	0.7	0.1	0.2
16: 5	0.0	0.0	0.0	0.1	0.2
16: 6	0.0	0.0	0.0	0.1	0.2
16: 7	0.0	0.0	0.0	0.0	0.2

16: 8	0.0	0.0	0.0	0.0	0.2
16: 9	0.0	0.0	0.0	0.0	0.2
16:10	0.0	0.0	0.0	0.0	0.2
16:11	0.0	0.0	0.0	0.0	0.2
16:12	0.0	0.0	0.0	0.0	0.2
16:13	0.0	0.0	0.1	0.0	0.2
16:14	0.0	0.0	0.0	0.0	0.2
16:15	0.0	0.0	0.0	0.0	0.2
16:16	0.0	0.0	0.0	0.0	0.2
16:17	0.0	0.0	0.0	0.0	0.2
16:18	0.0	0.0	0.0	0.0	0.2
16:19	0.0	0.0	0.0	0.0	0.2
16:20	0.0	0.0	0.0	0.0	0.2
16:21	0.0	0.0	0.0	0.0	0.2
16:22	0.0	0.0	0.0	0.0	0.2
16:23	0.0	0.0	0.0	0.0	0.2
16:24	0.0	0.0	0.0	0.0	0.2
16:25	0.0	0.0	0.0	0.0	0.2
16:26	0.0	0.0	0.0	0.0	0.2
16:27	0.0	0.0	0.0	0.0	0.2
16:28	0.0	0.2	13.1	0.0	0.2
16:29	0.0	0.2	12.3	0.0	0.2
16:30	0.0	0.0	0.0	0.0	0.2
16:31	0.0	0.0	0.0	0.0	0.2
16:32	0.0	0.0	0.0	0.0	0.2
16:33	0.0	0.0	0.0	0.0	0.2
16:34	0.0	0.0	0.0	0.0	0.2
16:35	0.0	0.0	0.0	0.0	0.2
16:36	0.0	0.0	0.0	0.0	0.2
16:37	0.0	0.0	0.0	0.0	0.2
16:38	0.0	0.0	0.0	0.0	0.2
16:39	0.0	0.0	0.0	0.0	0.2
16:40	0.0	0.0	0.0	0.0	0.2
16:41	0.0	0.0	0.0	0.0	0.2


Gas
Concentration
ppm
100
80
60
40
20
0
05/06 10:54
05/06 12:21
05/06 13:48
05/06 15:15
Max
Avg
Min

S/N:000212 User ID:9098 Site ID:1001 Cal:6/1 34:38 103.7 ppm
Year:1998 Period(S):60 Data Pts:2 Chk:6/1 34:39 105.9 ppm

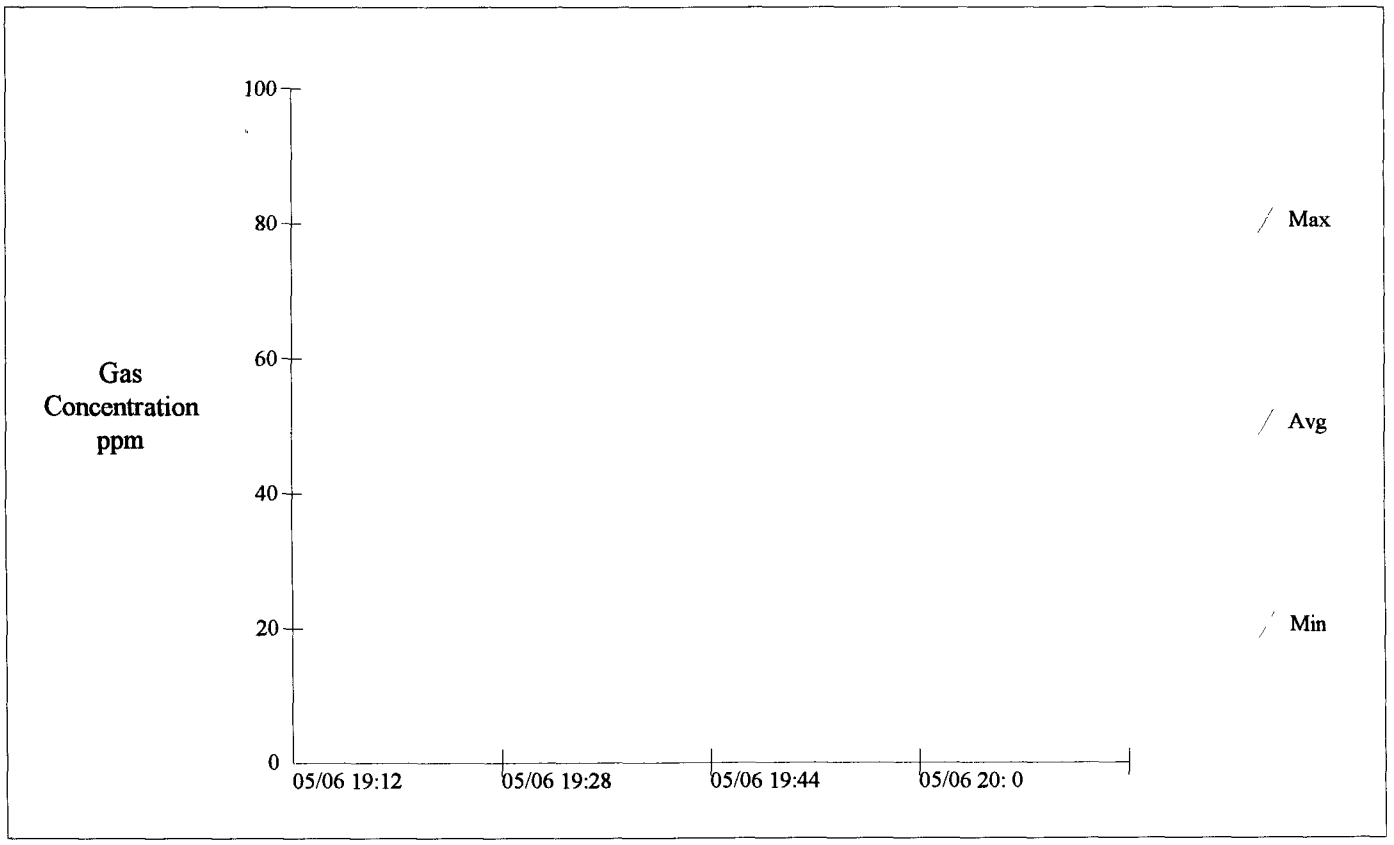
Date	Time	Min	Avg	Max	High	Low	STEL	TWA
		ppm			100.0	50.0	25.0	10.0
							STEL	TWA
05/06	18:33	0.0	0.0	0.0			0.0	0.0
	18:34	0.0	0.0	0.0			0.0	0.0


Gas
Concentration
ppm
100
80
60
40
20
0
05/06 18:33
Max
Avg
Min

SN:000212 User ID:9098 Site ID:1001 Cal:6/1 34:38 103.7 ppm
Year:1998 Period(S):60 Data Pts:65 Chk:6/1 34:39 105.9 ppm

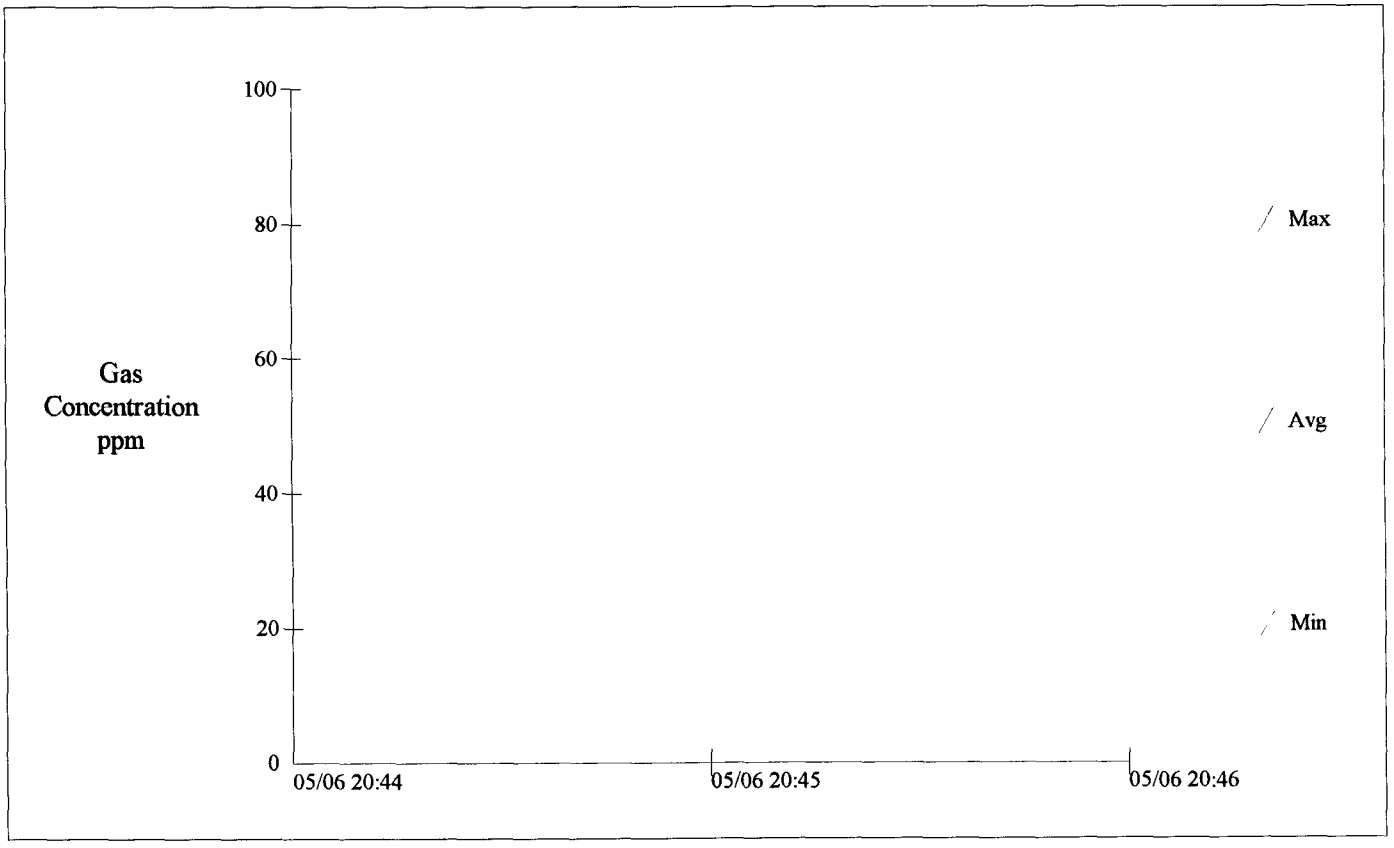
Date	Time	Min	Avg	Max	High	Low	STEL	TWA
		ppm			100.0	50.0	25.0	10.0
							STEL	TWA
05/06	19:12	0.0	0.0	0.0			0.0	0.0
	19:13	0.0	0.0	0.0			0.0	0.0
	19:14	0.0	0.0	0.0			0.0	0.0
	19:15	0.0	0.0	0.0			0.0	0.0
	19:16	0.0	0.0	0.0			0.0	0.0
	19:17	0.0	0.0	0.0			0.0	0.0
	19:18	0.0	0.0	0.0			0.0	0.0
	19:19	0.0	0.0	0.0			0.0	0.0
	19:20	0.0	0.0	0.0			0.0	0.0
	19:21	0.0	0.0	0.0			0.0	0.0
	19:22	0.0	0.0	0.0			0.0	0.0
	19:23	0.0	0.0	0.0			0.0	0.0
	19:24	0.0	0.0	0.0			0.0	0.0
	19:25	0.0	0.0	0.0			0.0	0.0
	19:26	0.0	0.0	0.0			0.0	0.0
	19:27	0.0	0.0	0.0			0.0	0.0
	19:28	0.0	0.0	0.0			0.0	0.0
	19:29	0.0	0.0	0.0			0.0	0.0
	19:30	0.0	0.0	0.0			0.0	0.0
	19:31	0.0	0.0	0.0			0.0	0.0
	19:32	0.0	0.0	0.0			0.0	0.0
	19:33	0.0	0.0	0.0			0.0	0.0
	19:34	0.0	0.0	0.0			0.0	0.0
	19:35	0.0	0.0	0.0			0.0	0.0
	19:36	0.0	0.0	0.0			0.0	0.0
	19:37	0.0	0.0	0.0			0.0	0.0
	19:38	0.0	0.0	0.0			0.0	0.0
	19:39	0.0	0.0	0.0			0.0	0.0
	19:40	0.0	0.0	0.0			0.0	0.0
	19:41	0.0	0.0	0.0			0.0	0.0
	19:42	0.0	0.0	0.0			0.0	0.0
	19:43	0.0	0.0	0.0			0.0	0.0
	19:44	0.0	0.0	0.0			0.0	0.0
	19:45	0.0	0.0	0.0			0.0	0.0
	19:46	0.0	0.0	0.0			0.0	0.0
	19:47	0.0	0.0	0.0			0.0	0.0
	19:48	0.0	0.0	0.0			0.0	0.0
	19:49	0.0	0.0	0.0			0.0	0.0
	19:50	0.0	0.0	0.0			0.0	0.0
	19:51	0.0	0.0	0.0			0.0	0.0
	19:52	0.0	0.0	0.0			0.0	0.0
	19:53	0.0	0.0	0.0			0.0	0.0
	19:54	0.0	0.0	0.0			0.0	0.0
	19:55	0.0	0.0	0.0			0.0	0.0
	19:56	0.0	0.0	0.0			0.0	0.0
	19:57	0.0	0.0	0.0			0.0	0.0
	19:58	0.0	0.0	0.0			0.0	0.0
	19:59	0.0	0.0	0.0			0.0	0.0
	20: 0	0.0	0.0	0.0			0.0	0.0
	20: 1	0.0	0.0	0.0			0.0	0.0
	20: 2	0.0	0.0	0.0			0.0	0.0
	20: 3	0.0	0.0	0.0			0.0	0.0
	20: 4	0.0	0.0	0.0			0.0	0.0
	20: 5	0.0	0.0	0.0			0.0	0.0
	20: 6	0.0	0.0	0.0			0.0	0.0
	20: 7	0.0	0.0	0.0			0.0	0.0
	20: 8	0.0	0.0	0.0			0.0	0.0
	20: 9	0.0	0.0	0.0			0.0	0.0

20:10	0.0	0.0	0.0	0.0	0.0
20:11	0.0	0.0	0.0	0.0	0.0
20:12	0.0	0.0	0.0	0.0	0.0
20:13	0.0	0.0	0.0	0.0	0.0
20:14	0.0	0.0	0.0	0.0	0.0
20:15	0.0	0.0	0.0	0.0	0.0
20:16	0.0	0.0	0.0	0.0	0.0


Gas
Concentration
ppm
100
80
60
40
20
0
05/06 19:12
05/06 19:28
05/06 19:44
05/06 20: 0
Max
Avg
Min

N:000212 User ID:9098 Site ID:1001 Cal:6/1 34:38 103.7 ppm
ear:1998 Period(S):60 Data Pts:4 Chk:6/1 34:39 105.9 ppm

Date	Time	Min	Avg	Max	High	Low	STEL	TWA
		ppm			100.0	50.0	25.0	10.0
							STEL	TWA
05/06	20:44	0.0	0.0	0.0			0.0	0.0
	20:45	0.0	0.0	0.0			0.0	0.0
	20:46	0.0	0.0	0.0			0.0	0.0
	20:47	0.0	0.0	0.0			0.0	0.0


Gas
Concentration
ppm
100
80
60
40
20
0
05/06 20:44
05/06 20:45
05/06 20:46
Max
Avg
Min

SITE PICTURES

Front Yard-Perry home-previous sample points

Back Yard-Perry home-previous sample point

Project Name: Grimes Battery - Fence Construction

Grimes Battery-Fence Construction-Start

Grimes Battery-Completed Fence

Foundation

Foundation Removal

Foundation Removal

Foundation Removal-Dust Control

BBC INTERNATIONAL

Project Name: Tasker Road - Foundation Removal

Soil Sampling Site

Soil Sampling-BBC & OCD

Project Name: Tasker Road - Foundation Removal

Air Sampling-PID-BBC & OCD

Backfilled Foundation Site

GRIMES BATTERY and TASKER ROAD SITE MAINTENANCE SUMMARY ADDENDUM

(Air Monitoring Data)

May 1998

Shell Exploration and Production Technology Company
Houston, Texas

Prepared by

BBC INTERNATIONAL
INCORPORATED

1324 W. Marland Blvd.
Hobbs, New Mexico 88240

WORLD-WIDE ENVIRONMENTAL / BIOREMEDIATION SPECIALISTS

BBC INTERNATIONAL
INCORPORATED

PHONE (505) 397-6388 · FAX (505) 397-0397 · 1324 W. MARLAND · P.O. BOX 297 · HOBBS, NM 88241-0297
E-MAIL: bbc@bbcinternational.com

May 19, 1998

Mr. William C. Olson
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

RE: Grimes Lease/Tasker Road Site Maintenance Addendum-Air Monitoring Results

Dear Mr. Olson:

On behalf of Shell Petroleum Exploration and Technology Company, BBC International, Inc. submits this addendum to the report of May 8, 1998 concerning the site maintenance activities conducted at the Tasker Road site. The purpose of this addendum is to clarify the air monitoring readings and results taken during the removal of the concrete foundation adjacent to the Perry home.

As stated previously, air monitoring was conducted at all times using a photo ionization detector (PID) and all results were data-logged. These are attached to this report. The PID was placed at ground level during the removal of the concrete foundation. The only times that readings above 0.0 ppm were recorded were at ground level right next to the freshly exposed contaminated soil. Whenever we picked up a reading above 0.0 ppm, the PID was placed downwind at the edge of the site first, then walked around the site to see if the vapors were drifting off-site. We did not detect any readings off-site or just above the ground surface from the removed foundation.

The first data-logging period started at 10:54 a.m. and was continuous until 4:41 p.m. This period was the only one that hydrocarbon levels were detected. This was during the removal phase as described above and some readings could have been from the diesel exhaust of the machinery. This was conducted in conjunction with Wayne Price also. The second period was at 6:30 p.m. for one minute. This was after the backfilling of the foundation site. The third monitoring period was conducted at the requests of Wayne Price and Chris Williams. This was done later in the evening when the wind calmed and was conducted from 7:12 p.m. until 8:16 p.m. to ensure no vapors were present. The fourth monitoring period was conducted voluntarily by BBC at 8:44 p.m. until 8:47 p.m. after the wind had calmed even more to ensure no vapors were present. All readings from the second, third, and fourth monitoring periods were 0.0 ppm and were conducted in the same manner; at the removed foundation site and walked around the perimeter of the site.

I hope this has clarified the results for you. If you have any questions, please contact myself or Mr. Wayne Hamilton, Shell E & P Technology Company at (281) 544-2322.

Sincerely,

Cliff P. Brunson

Cliff P. Brunson, CEI, CRS
President

CPB:mo

cc: Wayne Hamilton-Shell E & P Technology Company
Chris Williams-OCD, Hobbs
Wayne Price-OCD, Hobbs

attachments

S/N:000212 User ID:9098 Site ID:1001 Cal:6/1 34:38 103.7 ppm
Year:1998 Period(S):60 Data Pts:348 Chk:6/1 34:39 105.9 ppm

Date	Time	Min ppm	Avg	Max	High 100.0	Low 50.0	STEL 25.0 STEL	TWA 10.0 TWA
5/06	10:54	0.0	0.0	0.0			0.0	0.0
	10:55	0.0	0.0	1.9			0.0	0.0
	10:56	0.0	0.0	0.0			0.0	0.0
	10:57	0.0	0.0	0.0			0.0	0.0
	10:58	0.0	0.0	0.0			0.0	0.0
	10:59	0.0	0.0	0.0			0.0	0.0
	11: 0	0.0	0.0	0.0			0.0	0.0
	11: 1	0.0	0.0	0.0			0.0	0.0
	11: 2	0.0	0.1	7.9			0.0	0.0
	11: 3	0.0	0.0	0.0			0.0	0.0
	11: 4	0.0	0.0	0.0			0.0	0.0
	11: 5	0.0	0.0	0.0			0.0	0.0
	11: 6	0.0	0.1	6.4			0.0	0.0
	11: 7	0.0	0.0	0.0			0.0	0.0
	11: 8	0.0	0.0	0.0			0.0	0.0
	11: 9	0.0	0.0	0.0			0.0	0.0
	11:10	0.0	0.0	0.0			0.0	0.0
	11:11	0.0	0.0	0.0			0.0	0.0
	11:12	0.0	0.0	0.0			0.0	0.0
	11:13	0.0	0.0	0.0			0.0	0.0
	11:14	0.0	0.0	0.0			0.0	0.0
	11:15	0.0	0.0	0.0			0.0	0.0
	11:16	0.0	0.0	0.0			0.0	0.0
	11:17	0.0	0.0	0.0			0.0	0.0
	11:18	0.0	0.0	0.0			0.0	0.0
	11:19	0.0	0.0	0.0			0.0	0.0
	11:20	0.0	0.0	0.0			0.0	0.0
	11:21	0.0	0.0	3.8			0.0	0.0
	11:22	0.0	0.0	1.7			0.0	0.0
	11:23	0.0	0.0	0.0			0.0	0.0
	11:24	0.0	0.0	0.0			0.0	0.0
	11:25	0.0	0.1	3.5			0.0	0.0
	11:26	0.0	0.0	0.0			0.0	0.0
	11:27	0.0	0.0	0.0			0.0	0.0
	11:28	0.0	0.0	0.0			0.0	0.0
	11:29	0.0	0.0	0.0			0.0	0.0
	11:30	0.0	0.0	0.0			0.0	0.0
	11:31	0.0	0.0	0.0			0.0	0.0
	11:32	0.0	0.0	0.0			0.0	0.0
	11:33	0.0	0.0	0.0			0.0	0.0
	11:34	0.0	0.0	0.0			0.0	0.0
	11:35	0.0	0.1	7.0			0.0	0.0
	11:36	0.0	0.0	0.0			0.0	0.0
	11:37	0.0	0.0	0.0			0.0	0.0
	11:38	0.0	0.4	17.5			0.0	0.0
	11:39	0.0	0.0	0.0			0.0	0.0
	11:40	0.0	0.0	0.0			0.0	0.0
	11:41	0.0	0.0	0.0			0.0	0.0
	11:42	0.0	0.0	0.0			0.0	0.0
	11:43	0.0	0.0	0.0			0.0	0.0
	11:44	0.0	0.0	0.0			0.0	0.0
	11:45	0.0	0.0	0.0			0.0	0.0
	11:46	0.0	0.0	0.0			0.0	0.0
	11:47	0.0	0.0	0.0			0.0	0.0
	11:48	0.0	0.0	0.0			0.0	0.0
	11:49	0.0	0.0	0.0			0.0	0.0
	11:50	0.0	0.0	0.0			0.0	0.0
	11:51	0.0	0.0	0.0			0.0	0.0

Air Monitoring Period #1
10:54 a.m. - 4:41 p.m.
May 6, 1998

11:52	0.0	0.0	0.0	0.0	0.0
11:53	0.0	0.1	7.1	0.0	0.0
11:54	0.0	0.0	0.0	0.0	0.0
11:55	0.0	0.0	0.0	0.0	0.0
11:56	0.0	0.0	0.0	0.0	0.0
11:57	0.0	0.0	0.0	0.0	0.0
11:58	0.0	0.0	0.0	0.0	0.0
11:59	0.0	0.0	0.0	0.0	0.0
12: 0	0.0	0.0	0.0	0.0	0.0
12: 1	0.0	0.0	0.0	0.0	0.0
12: 2	0.0	0.0	0.0	0.0	0.0
12: 3	0.0	0.0	0.0	0.0	0.0
12: 4	0.0	0.2	13.1	0.0	0.0
12: 5	0.0	0.0	0.0	0.0	0.0
12: 6	0.0	0.0	0.0	0.0	0.0
12: 7	0.0	0.0	0.0	0.0	0.0
12: 8	0.0	0.0	0.0	0.0	0.0
12: 9	0.0	0.0	0.0	0.0	0.0
12:10	0.0	0.0	0.0	0.0	0.0
12:11	0.0	0.0	0.0	0.0	0.0
12:12	0.0	0.0	0.0	0.0	0.0
12:13	0.0	0.0	0.0	0.0	0.0
12:14	0.0	0.0	0.0	0.0	0.0
12:15	0.0	0.0	0.0	0.0	0.0
12:16	0.0	0.0	0.0	0.0	0.0
12:17	0.0	0.0	0.0	0.0	0.0
12:18	0.0	0.0	0.0	0.0	0.0
12:19	0.0	0.0	0.0	0.0	0.0
12:20	0.0	0.0	0.0	0.0	0.0
12:21	0.0	0.0	0.0	0.0	0.0
12:22	0.0	0.0	0.0	0.0	0.0
12:23	0.0	0.0	0.0	0.0	0.0
12:24	0.0	0.0	0.0	0.0	0.0
12:25	0.0	0.0	0.0	0.0	0.0
12:26	0.0	0.0	0.0	0.0	0.0
12:27	0.0	0.0	0.0	0.0	0.0
12:28	0.0	0.0	0.0	0.0	0.0
12:29	0.0	0.0	0.0	0.0	0.0
12:30	0.0	0.0	0.0	0.0	0.0
12:31	0.0	0.0	0.0	0.0	0.0
12:32	0.0	0.0	0.0	0.0	0.0
12:33	0.0	0.0	0.0	0.0	0.0
12:34	0.0	0.0	0.0	0.0	0.0
12:35	0.0	0.0	0.0	0.0	0.0
12:36	0.0	0.0	0.0	0.0	0.0
12:37	0.0	0.0	0.0	0.0	0.0
12:38	0.0	0.0	0.0	0.0	0.0
12:39	0.0	0.0	0.0	0.0	0.0
12:40	0.0	0.0	0.0	0.0	0.0
12:41	0.0	0.0	0.0	0.0	0.0
12:42	0.0	0.0	0.0	0.0	0.0
12:43	0.0	0.0	0.0	0.0	0.0
12:44	0.0	0.0	0.0	0.0	0.0
12:45	0.0	0.0	0.0	0.0	0.0
12:46	0.0	0.0	0.0	0.0	0.0
12:47	0.0	0.0	0.0	0.0	0.0
12:48	0.0	0.0	0.0	0.0	0.0
12:49	0.0	0.0	0.0	0.0	0.0
12:50	0.0	0.0	0.0	0.0	0.0
12:51	0.0	0.0	0.0	0.0	0.0
12:52	0.0	0.0	0.0	0.0	0.0
12:53	0.0	0.0	0.0	0.0	0.0
12:54	0.0	0.0	0.0	0.0	0.0
12:55	0.0	0.0	0.0	0.0	0.0

Air Monitoring Period #1
10:54 a.m. - 4:41 p.m.
May 6, 1998

12:56	0.0	0.0	0.0	0.0	0.0
12:57	0.0	0.0	0.0	0.0	0.0
12:58	0.0	0.0	0.0	0.0	0.0
12:59	0.0	0.0	0.0	0.0	0.0
13: 0	0.0	0.0	0.0	0.0	0.0
13: 1	0.0	0.0	0.0	0.0	0.0
13: 2	0.0	0.0	0.0	0.0	0.0
13: 3	0.0	0.0	0.0	0.0	0.0
13: 4	0.0	0.0	0.0	0.0	0.0
13: 5	0.0	0.0	0.0	0.0	0.0
13: 6	0.0	0.0	0.0	0.0	0.0
13: 7	0.0	0.0	0.0	0.0	0.0
13: 8	0.0	0.0	0.7	0.0	0.0
13: 9	0.0	0.0	0.0	0.0	0.0
13:10	0.0	0.0	0.0	0.0	0.0
13:11	0.0	0.0	0.0	0.0	0.0
13:12	0.0	0.0	0.0	0.0	0.0
13:13	0.0	0.0	0.0	0.0	0.0
13:14	0.0	0.0	0.0	0.0	0.0
13:15	0.0	0.0	0.0	0.0	0.0
13:16	0.0	0.0	0.0	0.0	0.0
13:17	0.0	0.0	0.0	0.0	0.0
13:18	0.0	0.0	0.0	0.0	0.0
13:19	0.0	0.0	0.0	0.0	0.0
13:20	0.0	0.1	6.2	0.0	0.0
13:21	0.0	0.0	4.2	0.0	0.0
13:22	0.0	0.0	0.0	0.0	0.0
13:23	0.0	0.0	0.0	0.0	0.0
13:24	0.0	0.0	0.0	0.0	0.0
13:25	0.0	0.0	0.0	0.0	0.0
13:26	0.0	0.0	3.3	0.0	0.0
13:27	0.0	0.0	0.0	0.0	0.0
13:28	0.0	0.0	0.0	0.0	0.0
13:29	0.0	0.0	0.0	0.0	0.0
13:30	0.0	0.0	0.0	0.0	0.0
13:31	0.0	0.0	0.0	0.0	0.0
13:32	0.0	0.0	0.0	0.0	0.0
13:33	0.0	0.0	0.0	0.0	0.0
13:34	0.0	0.0	0.0	0.0	0.0
13:35	0.0	0.0	1.8	0.0	0.0
13:36	0.0	0.2	5.1	0.0	0.0
13:37	0.0	0.0	5.6	0.0	0.0
13:38	0.0	0.0	0.0	0.0	0.0
13:39	0.0	0.0	0.0	0.0	0.0
13:40	0.0	0.0	0.0	0.0	0.0
13:41	0.0	0.0	0.0	0.0	0.0
13:42	0.0	0.0	0.0	0.0	0.0
13:43	0.0	0.0	0.0	0.0	0.0
13:44	0.0	0.0	0.0	0.0	0.0
13:45	0.0	0.0	0.0	0.0	0.0
13:46	0.0	0.0	0.0	0.0	0.0
13:47	0.0	0.0	0.0	0.0	0.0
13:48	0.0	0.0	0.0	0.0	0.0
13:49	0.0	0.0	0.0	0.0	0.0
13:50	0.0	0.0	0.0	0.0	0.0
13:51	0.0	0.0	0.0	0.0	0.0
13:52	0.0	0.0	0.0	0.0	0.0
13:53	0.0	0.0	0.0	0.0	0.0
13:54	0.0	0.0	0.0	0.0	0.0
13:55	0.0	0.0	0.0	0.0	0.0
13:56	0.0	0.0	0.0	0.0	0.0
13:57	0.0	0.0	0.0	0.0	0.0
13:58	0.0	0.0	0.0	0.0	0.0
13:59	0.0	0.0	0.0	0.0	0.0

Air Monitoring Period #1
10:54 a.m. - 4:41 p.m.
May 6, 1998

Air Monitoring Period #1
10:54 a.m. - 4:41 p.m.
May 6, 1998

14: 0	0.0	0.0	0.0		0.0	0.0
14: 1	0.0	0.0	0.0		0.0	0.0
14: 2	0.0	0.0	0.0		0.0	0.0
14: 3	0.0	0.0	0.0		0.0	0.0
14: 4	0.0	0.0	0.0		0.0	0.0
14: 5	0.0	0.0	0.0		0.0	0.0
14: 6	0.0	0.0	0.0		0.0	0.0
14: 7	0.0	0.0	0.0		0.0	0.0
14: 8	0.0	0.0	0.0		0.0	0.0
14: 9	0.0	0.0	0.0		0.0	0.0
14:10	0.0	0.0	0.0		0.0	0.0
14:11	0.0	0.0	0.0		0.0	0.0
14:12	0.0	0.0	0.0		0.0	0.0
14:13	0.0	0.0	0.0		0.0	0.0
14:14	0.0	0.0	0.0		0.0	0.0
14:15	0.0	0.0	0.0		0.0	0.0
14:16	0.0	0.0	0.0		0.0	0.0
14:17	0.0	0.0	0.0		0.0	0.0
14:18	0.0	0.0	0.0		0.0	0.0
14:19	0.0	0.0	0.0		0.0	0.0
14:20	0.0	15.0	41.1		1.0	0.0
14:21	0.0	10.5	33.4		1.7	0.1
14:22	0.0	0.0	0.0		1.7	0.1
14:23	0.0	0.0	0.0		1.7	0.1
14:24	0.0	0.0	0.0		1.7	0.1
14:25	0.0	0.0	0.0		1.7	0.1
14:26	0.0	30.5	82.9	Lo	3.7	0.1
14:27	0.0	12.5	89.8	Lo	4.6	0.1
14:28	0.0	0.0	0.0		4.6	0.1
14:29	0.0	0.0	0.0		4.6	0.1
14:30	0.0	0.0	0.0		4.6	0.1
14:31	0.0	0.0	0.0		4.6	0.1
14:32	0.0	0.0	0.0		4.6	0.1
14:33	0.0	0.0	0.0		4.6	0.1
14:34	0.0	0.0	0.0		4.6	0.1
14:35	0.0	11.8	61.9	Lo	4.4	0.2
14:36	0.0	11.5	77.1	Lo	4.4	0.2
14:37	0.0	0.0	0.0		4.4	0.2
14:38	0.0	0.0	0.0		4.4	0.2
14:39	0.0	0.0	2.9		4.4	0.2
14:40	0.0	0.0	0.0		4.4	0.2
14:41	0.0	0.0	0.0		2.4	0.2
14:42	0.0	0.0	0.0		1.6	0.2
14:43	0.0	0.0	0.0		1.6	0.2
14:44	0.0	0.0	0.0		1.6	0.2
14:45	0.0	0.0	0.0		1.6	0.2
14:46	0.0	0.0	0.0		1.6	0.2
14:47	0.0	0.0	0.0		1.6	0.2
14:48	0.0	1.0	9.0		1.6	0.2
14:49	0.0	0.0	0.8		1.6	0.2
14:50	0.0	0.0	0.0		0.8	0.2
14:51	0.0	0.0	0.0		0.1	0.2
14:52	0.0	0.0	0.0		0.1	0.2
14:53	0.0	0.0	0.0		0.1	0.2
14:54	0.0	0.0	0.0		0.1	0.2
14:55	0.0	0.1	8.8		0.1	0.2
14:56	0.0	0.0	4.7		0.1	0.2
14:57	0.0	0.1	11.4		0.1	0.2
14:58	0.0	0.0	0.0		0.1	0.2
14:59	0.0	0.0	0.0		0.1	0.2
15: 0	0.0	0.0	0.0		0.1	0.2
15: 1	0.0	0.0	0.0		0.1	0.2
15: 2	0.0	0.0	0.0		0.1	0.2
15: 3	0.0	0.0	0.0		0.0	0.2

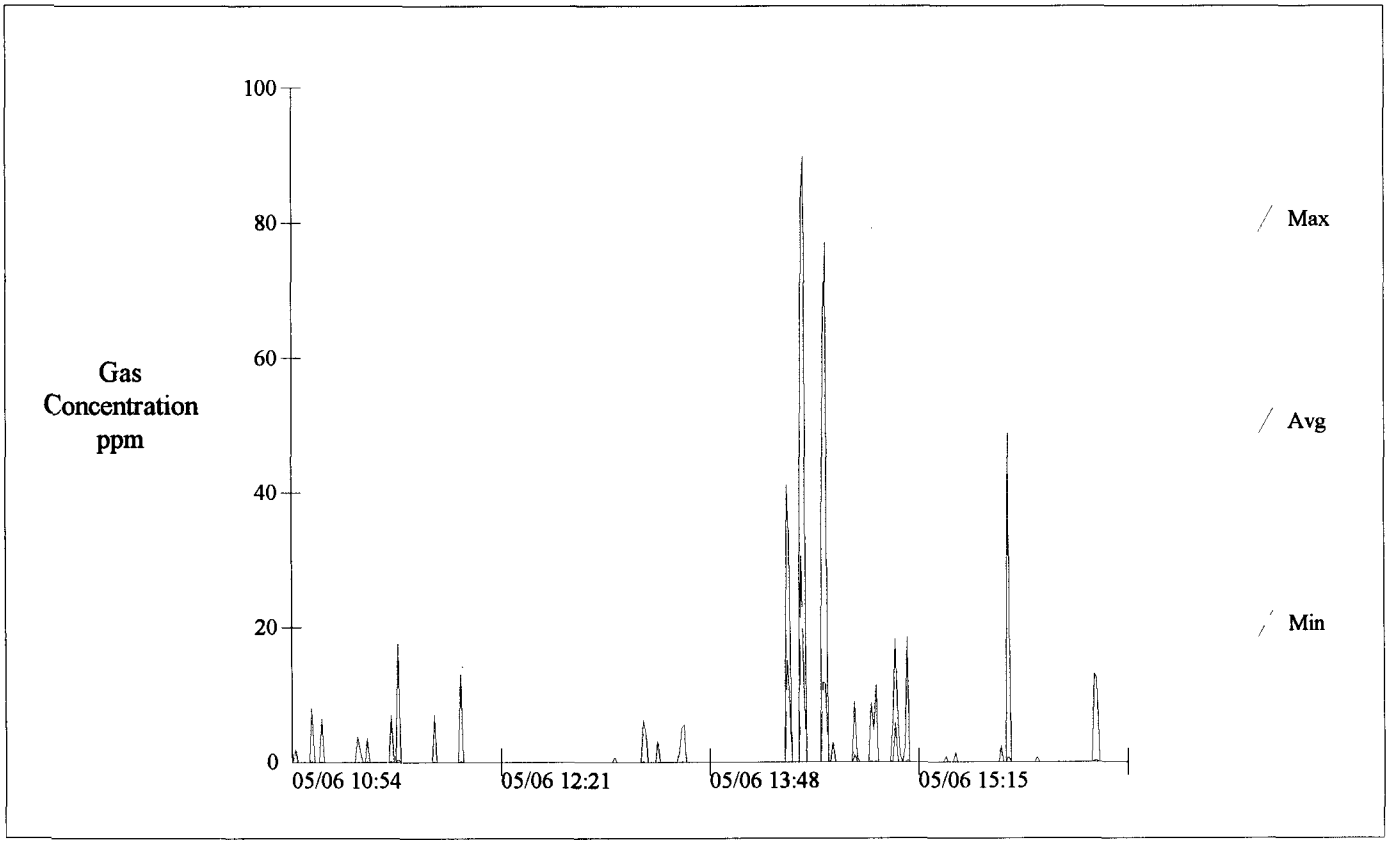
15: 4	0.0	0.2	6.1	0.0	0.2
15: 5	0.0	5.8	18.2	0.4	0.2
15: 6	0.0	0.1	6.1	0.4	0.2
15: 7	0.0	0.0	1.1	0.4	0.2
15: 8	0.0	0.0	0.0	0.4	0.2
15: 9	0.0	0.0	2.2	0.4	0.2
15:10	0.0	0.3	18.5	0.4	0.2
15:11	0.0	0.0	0.0	0.4	0.2
15:12	0.0	0.0	0.0	0.4	0.2
15:13	0.0	0.0	0.0	0.4	0.2
15:14	0.0	0.0	0.0	0.4	0.2
15:15	0.0	0.0	0.0	0.4	0.2
15:16	0.0	0.0	0.0	0.4	0.2
15:17	0.0	0.0	0.0	0.4	0.2
15:18	0.0	0.0	0.0	0.4	0.2
15:19	0.0	0.0	0.0	0.4	0.2
15:20	0.0	0.0	0.0	0.0	0.2
15:21	0.0	0.0	0.0	0.0	0.2
15:22	0.0	0.0	0.0	0.0	0.2
15:23	0.0	0.0	0.0	0.0	0.2
15:24	0.0	0.0	0.0	0.0	0.2
15:25	0.0	0.0	0.0	0.0	0.2
15:26	0.0	0.0	0.9	0.0	0.2
15:27	0.0	0.0	0.0	0.0	0.2
15:28	0.0	0.0	0.0	0.0	0.2
15:29	0.0	0.0	0.0	0.0	0.2
15:30	0.0	0.0	1.4	0.0	0.2
15:31	0.0	0.0	0.0	0.0	0.2
15:32	0.0	0.0	0.0	0.0	0.2
15:33	0.0	0.0	0.0	0.0	0.2
15:34	0.0	0.0	0.0	0.0	0.2
15:35	0.0	0.0	0.0	0.0	0.2
15:36	0.0	0.0	0.0	0.0	0.2
15:37	0.0	0.0	0.0	0.0	0.2
15:38	0.0	0.0	0.0	0.0	0.2
15:39	0.0	0.0	0.0	0.0	0.2
15:40	0.0	0.0	0.0	0.0	0.2
15:41	0.0	0.0	0.0	0.0	0.2
15:42	0.0	0.0	0.0	0.0	0.2
15:43	0.0	0.0	0.0	0.0	0.2
15:44	0.0	0.0	0.0	0.0	0.2
15:45	0.0	0.0	0.0	0.0	0.2
15:46	0.0	0.0	0.0	0.0	0.2
15:47	0.0	0.0	0.0	0.0	0.2
15:48	0.0	0.0	0.0	0.0	0.2
15:49	0.0	0.0	2.3	0.0	0.2
15:50	0.0	0.0	0.0	0.0	0.2
15:51	0.0	0.0	0.0	0.0	0.2
15:52	0.0	0.8	48.8	0.1	0.2
15:53	0.0	0.0	0.0	0.1	0.2
15:54	0.0	0.0	0.0	0.1	0.2
15:55	0.0	0.0	0.0	0.1	0.2
15:56	0.0	0.0	0.0	0.1	0.2
15:57	0.0	0.0	0.0	0.1	0.2
15:58	0.0	0.0	0.0	0.1	0.2
15:59	0.0	0.0	0.0	0.1	0.2
16: 0	0.0	0.0	0.0	0.1	0.2
16: 1	0.0	0.0	0.0	0.1	0.2
16: 2	0.0	0.0	0.0	0.1	0.2
16: 3	0.0	0.0	0.0	0.1	0.2
16: 4	0.0	0.0	0.7	0.1	0.2
16: 5	0.0	0.0	0.0	0.1	0.2
16: 6	0.0	0.0	0.0	0.1	0.2
16: 7	0.0	0.0	0.0	0.0	0.2

Air Monitoring Period #1
10:54 a.m. - 4:41 p.m.
May 6, 1998

16: 8	0.0	0.0	0.0	0.0	0.2
16: 9	0.0	0.0	0.0	0.0	0.2
16:10	0.0	0.0	0.0	0.0	0.2
16:11	0.0	0.0	0.0	0.0	0.2
16:12	0.0	0.0	0.0	0.0	0.2
16:13	0.0	0.0	0.1	0.0	0.2
16:14	0.0	0.0	0.0	0.0	0.2
16:15	0.0	0.0	0.0	0.0	0.2
16:16	0.0	0.0	0.0	0.0	0.2
16:17	0.0	0.0	0.0	0.0	0.2
16:18	0.0	0.0	0.0	0.0	0.2
16:19	0.0	0.0	0.0	0.0	0.2
16:20	0.0	0.0	0.0	0.0	0.2
16:21	0.0	0.0	0.0	0.0	0.2
16:22	0.0	0.0	0.0	0.0	0.2
16:23	0.0	0.0	0.0	0.0	0.2
16:24	0.0	0.0	0.0	0.0	0.2
16:25	0.0	0.0	0.0	0.0	0.2
16:26	0.0	0.0	0.0	0.0	0.2
16:27	0.0	0.0	0.0	0.0	0.2
16:28	0.0	0.2	13.1	0.0	0.2
16:29	0.0	0.2	12.3	0.0	0.2
16:30	0.0	0.0	0.0	0.0	0.2
16:31	0.0	0.0	0.0	0.0	0.2
16:32	0.0	0.0	0.0	0.0	0.2
16:33	0.0	0.0	0.0	0.0	0.2
16:34	0.0	0.0	0.0	0.0	0.2
16:35	0.0	0.0	0.0	0.0	0.2
16:36	0.0	0.0	0.0	0.0	0.2
16:37	0.0	0.0	0.0	0.0	0.2
16:38	0.0	0.0	0.0	0.0	0.2
16:39	0.0	0.0	0.0	0.0	0.2
16:40	0.0	0.0	0.0	0.0	0.2
16:41	0.0	0.0	0.0	0.0	0.2

Air Monitoring Period #1
10:54 a.m. - 4:41 p.m.
May 6, 1998

Air Monitoring Period #1
10:54 a.m. - 4:41 p.m.
May 6, 1998

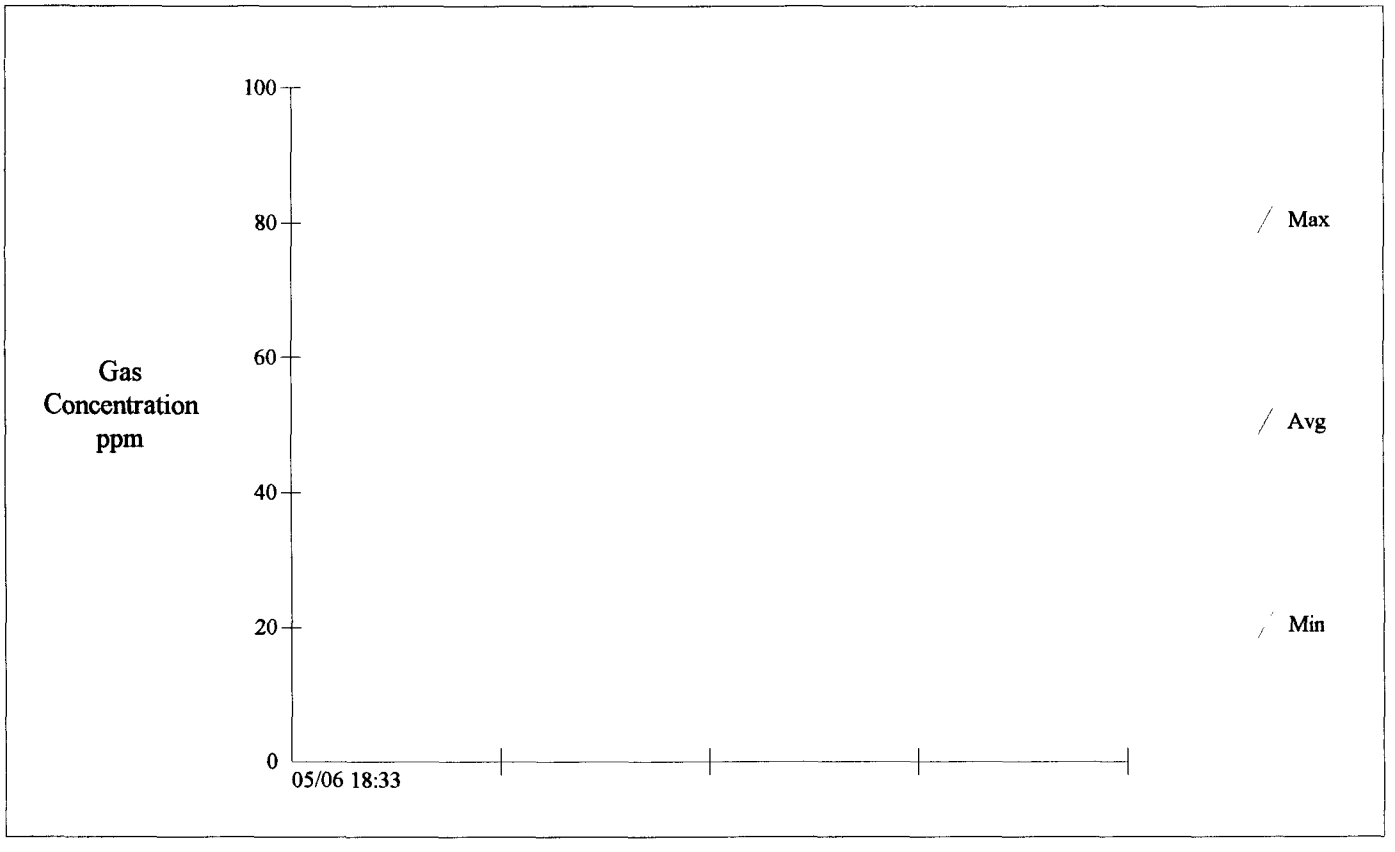


S/N:000212 User ID:9098 Site ID:1001 Cal:6/1 34:38 103.7 ppm
Year:1998 Period(S):60 Data Pts:2 Chk:6/1 34:39 105.9 ppm

Date	Time	Min	Avg	Max	High	Low	STEL	TWA
		ppm			100.0	50.0	25.0	10.0
							STEL	TWA
05/06	18:33	0.0	0.0	0.0			0.0	0.0
	18:34	0.0	0.0	0.0			0.0	0.0

Air Monitoring Period #2
6:30 p.m. - 6:31 p.m.
May 6, 1998

Air Monitoring Period #2
6:30 p.m. - 6:31 p.m.
May 6, 1998



S/N:000212 User ID:9098 Site ID:1001 Cal:6/1 34:38 103.7 ppm
Year:1998 Period(S):60 Data Pts:65 Chk:6/1 34:39 105.9 ppm

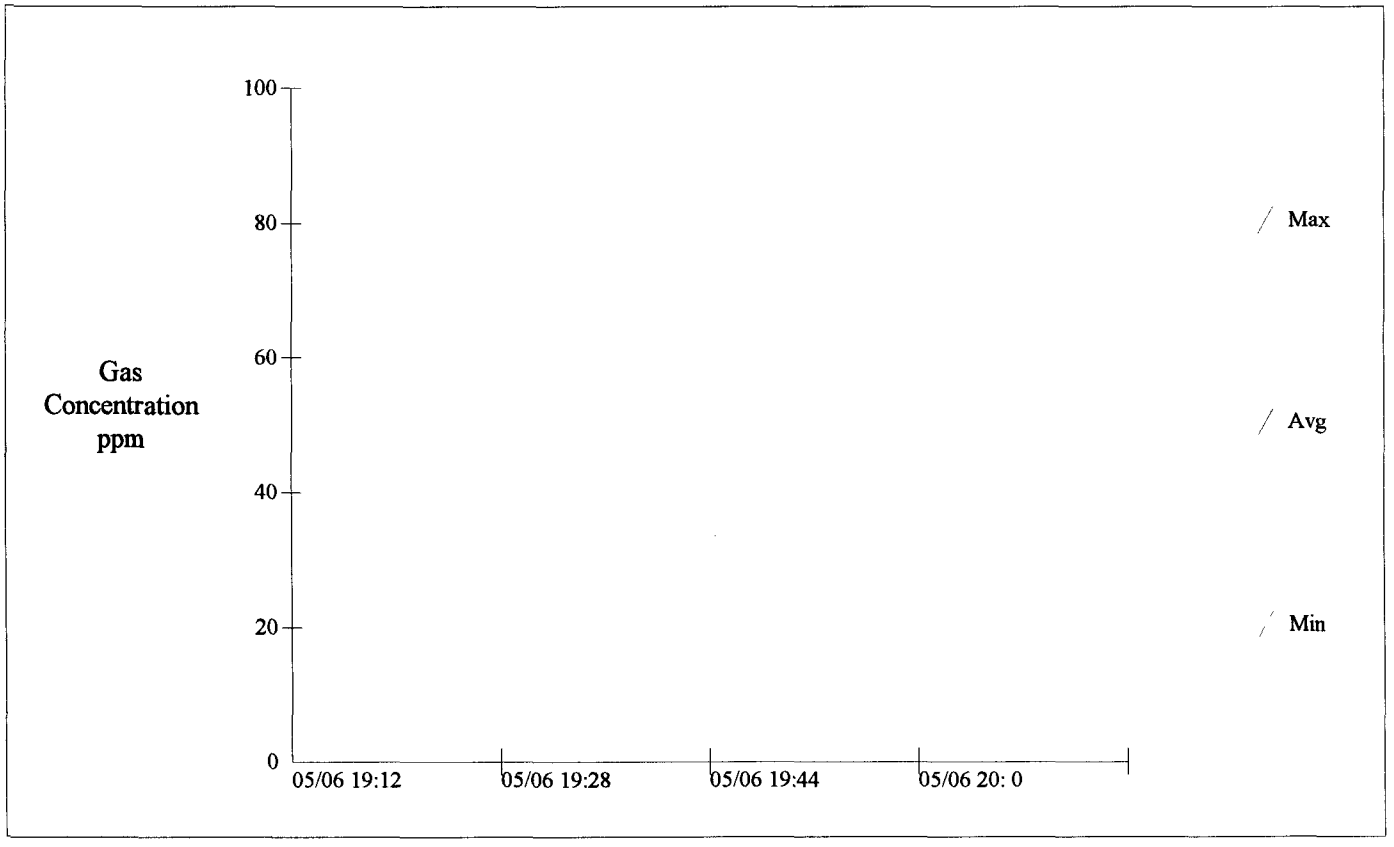
Date	Time	Min	Avg	Max	High	Low	STEL	TWA
		ppm			100.0	50.0	25.0	10.0
							STEL	TWA
5/06	19:12	0.0	0.0	0.0			0.0	0.0
	19:13	0.0	0.0	0.0			0.0	0.0
	19:14	0.0	0.0	0.0			0.0	0.0
	19:15	0.0	0.0	0.0			0.0	0.0
	19:16	0.0	0.0	0.0			0.0	0.0
	19:17	0.0	0.0	0.0			0.0	0.0
	19:18	0.0	0.0	0.0			0.0	0.0
	19:19	0.0	0.0	0.0			0.0	0.0
	19:20	0.0	0.0	0.0			0.0	0.0
	19:21	0.0	0.0	0.0			0.0	0.0
	19:22	0.0	0.0	0.0			0.0	0.0
	19:23	0.0	0.0	0.0			0.0	0.0
	19:24	0.0	0.0	0.0			0.0	0.0
	19:25	0.0	0.0	0.0			0.0	0.0
	19:26	0.0	0.0	0.0			0.0	0.0
	19:27	0.0	0.0	0.0			0.0	0.0
	19:28	0.0	0.0	0.0			0.0	0.0
	19:29	0.0	0.0	0.0			0.0	0.0
	19:30	0.0	0.0	0.0			0.0	0.0
	19:31	0.0	0.0	0.0			0.0	0.0
	19:32	0.0	0.0	0.0			0.0	0.0
	19:33	0.0	0.0	0.0			0.0	0.0
	19:34	0.0	0.0	0.0			0.0	0.0
	19:35	0.0	0.0	0.0			0.0	0.0
	19:36	0.0	0.0	0.0			0.0	0.0
	19:37	0.0	0.0	0.0			0.0	0.0
	19:38	0.0	0.0	0.0			0.0	0.0
	19:39	0.0	0.0	0.0			0.0	0.0
	19:40	0.0	0.0	0.0			0.0	0.0
	19:41	0.0	0.0	0.0			0.0	0.0
	19:42	0.0	0.0	0.0			0.0	0.0
	19:43	0.0	0.0	0.0			0.0	0.0
	19:44	0.0	0.0	0.0			0.0	0.0
	19:45	0.0	0.0	0.0			0.0	0.0
	19:46	0.0	0.0	0.0			0.0	0.0
	19:47	0.0	0.0	0.0			0.0	0.0
	19:48	0.0	0.0	0.0			0.0	0.0
	19:49	0.0	0.0	0.0			0.0	0.0
	19:50	0.0	0.0	0.0			0.0	0.0
	19:51	0.0	0.0	0.0			0.0	0.0
	19:52	0.0	0.0	0.0			0.0	0.0
	19:53	0.0	0.0	0.0			0.0	0.0
	19:54	0.0	0.0	0.0			0.0	0.0
	19:55	0.0	0.0	0.0			0.0	0.0
	19:56	0.0	0.0	0.0			0.0	0.0
	19:57	0.0	0.0	0.0			0.0	0.0
	19:58	0.0	0.0	0.0			0.0	0.0
	19:59	0.0	0.0	0.0			0.0	0.0
	20: 0	0.0	0.0	0.0			0.0	0.0
	20: 1	0.0	0.0	0.0			0.0	0.0
	20: 2	0.0	0.0	0.0			0.0	0.0
	20: 3	0.0	0.0	0.0			0.0	0.0
	20: 4	0.0	0.0	0.0			0.0	0.0
	20: 5	0.0	0.0	0.0			0.0	0.0
	20: 6	0.0	0.0	0.0			0.0	0.0
	20: 7	0.0	0.0	0.0			0.0	0.0
	20: 8	0.0	0.0	0.0			0.0	0.0
	20: 9	0.0	0.0	0.0			0.0	0.0

Air Monitoring Period #3
7:12 p.m. - 8:16 p.m.
May 6, 1998

20:10	0.0	0.0	0.0	0.0	0.0
20:11	0.0	0.0	0.0	0.0	0.0
20:12	0.0	0.0	0.0	0.0	0.0
20:13	0.0	0.0	0.0	0.0	0.0
20:14	0.0	0.0	0.0	0.0	0.0
20:15	0.0	0.0	0.0	0.0	0.0
20:16	0.0	0.0	0.0	0.0	0.0

Air Monitoring Period #3
7:12 p.m. - 8:16 p.m.
May 6, 1998

Air Monitoring Period #3
7:12 p.m. - 8:16 p.m.
May 6, 1998



S/N:000212 User ID:9098 Site ID:1001 Cal:6/1 34:38 103.7 ppm
Year:1998 Period(S):60 Data Pts:4 Chk:6/1 34:39 105.9 ppm

Date	Time	Min	Avg	Max	High	Low	STEL	TWA
		ppm			100.0	50.0	25.0	10.0
							STEL	TWA
5/06	20:44	0.0	0.0	0.0			0.0	0.0
	20:45	0.0	0.0	0.0			0.0	0.0
	20:46	0.0	0.0	0.0			0.0	0.0
	20:47	0.0	0.0	0.0			0.0	0.0

Air Monitoring Period #4
8:44 p.m. - 8:47 p.m.
May 6, 1998

Air Monitoring Period #4
8:44 p.m. - 8:47 p.m.
May 6, 1998