

Appendix G

Air Quality Monitoring Records

Client: National Grid
 Location: Metropolitan
 Date: 4/25/11
 Field Personnel: J. Ehlen

Project:
 Project Number: 60137361
 Weather: ~70°F, foggy, humid, misty, no wind.
 Ambient Noise: 38.8

Community Air Monitoring Plan / Noise Field Log

pg 1 of 2

Time	Upwind PID	Upwind Dust Trak	Work Area PID	Downwind PID	Downwind Dust Trak	dB Readings ¹	Comments
835	0.0	0.201	0.0	0.4	0.150	78.3	setting up temp fence.
905	0.0	0.156	0.0	0.1	0.123	89.5	jack hammering MW-4D1
930	0.0	0.155	0.0	0.0	0.138	73.5	change battery in upwind pid.
943	NA	0.145	0.0	0.0	0.137	74.1	pre-clearing MW-4D1
1005	0.0	0.165	0.0	0.0	0.133	77.8	" "
1015	0.0	0.167	0.0	0.0	0.142	95.4	pre-clearing MW-4D1 Jackhammering MW-4D2
1030	0.0	0.160	0.0	0.0	0.149	79.0	" "
1044	0.0	0.151	0.0	0.1	0.129	74.4	switching out rigs & equipment ^{on to dust}
1100	0.0	0.157	0.0	0.0	0.107	75.3	" "
1116	0.0	0.108	0.0	0.0	0.095	77.0	SAA; upwind dust seems to stop logging by itself.
1132	0.0	0.115	0.0	0.0	0.099	73.7	switching out drill rigs.
1146	0.0	0.102	0.0	0.0	0.088	74.3	" "
1200	0.0	0.099	0.2	0.0	0.099	76.9	pre-clear MW-4D1
1217	0.0	0.112	0.0	0.0	0.106	73.5	" "
1234	0.0	0.135	0.0	0.1	0.145	79.9	" "
1246	0.0	0.118	0.0	0.2	0.118	78.4	" "
1300	0.0	0.203	0.0	0.4	0.117	72.8	" "
1315	0.0	0.166	0.0	0.5	0.132	71.3	" "
1334	0.0	0.193	0.1	0.5	0.144	78.3	pre-clear MW-4D2
1347	0.0	0.135	0.0	0.4	0.147	72.9	" "
1405	0.0	0.139	0.0	0.4	0.149	76.3	" "
1500	0.0	0.081	0.0	0.0	0.076	90.3	" "

* Upwind dust trak stops logging randomly.

Client: National Grid
Location: Metropolitan
Date: 4/25/11
Field Personnel: J. Ehler

Project: Project Number: 60137361
Weather: ~75°F, humid, sunny, little wind
Ambient Noise: Same

Community Air Monitoring Plan / Noise Field Log

pg 2 of 2

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 902685
User ID: 00000001 Site ID: 00000015
Data Points: 69 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 04/25/2011 06:52

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)					
High Alarm Levels:	100	100	100					
Low Alarm Levels:	50	50	50					
<hr/>								
Line#	Date	Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm
1	4/25/2011	7:22	0		0		0	
2	4/25/2011	7:23	0		0		0	
3	4/25/2011	7:24	0		0		0	
4	4/25/2011	7:25	0		0		0	
5	4/25/2011	7:26	0		0		0	
6	4/25/2011	7:27	0		0		0	
7	4/25/2011	7:28	0		0		0	
8	4/25/2011	7:29	0		0		0	
9	4/25/2011	7:30	0		0		0	
10	4/25/2011	7:31	0		0		0	
11	4/25/2011	7:32	0		0		0	
12	4/25/2011	7:33	0		0		0	
13	4/25/2011	7:34	0		0		0	
14	4/25/2011	7:35	0		0		0	
15	4/25/2011	7:36	0		0		0	
16	4/25/2011	7:37	0		0		0	
17	4/25/2011	7:38	0		0		0	
18	4/25/2011	7:39	0		0		0	
19	4/25/2011	7:40	0		0		0	
20	4/25/2011	7:41	0		0		0	
21	4/25/2011	7:42	0		0		0	
22	4/25/2011	7:43	0		0		0	
23	4/25/2011	7:44	0		0		0	
24	4/25/2011	7:45	0		0		0	
25	4/25/2011	7:46	0		0		0	
26	4/25/2011	7:47	0		0		0	
27	4/25/2011	7:48	0		0		0	
28	4/25/2011	7:49	0		0		0	
29	4/25/2011	7:50	0		0		0	
30	4/25/2011	7:51	0		0		0	
31	4/25/2011	7:52	0		0		0	
32	4/25/2011	7:53	0		0		0	
33	4/25/2011	7:54	0		0		0	
34	4/25/2011	7:55	0		0		0	
35	4/25/2011	7:56	0		0		0	
36	4/25/2011	7:57	0		0		0	
37	4/25/2011	7:58	0		0		0	
38	4/25/2011	7:59	0		0		0	
39	4/25/2011	8:00	0		0		0	
40	4/25/2011	8:01	0		0		0	
41	4/25/2011	8:02	0		0		0	
42	4/25/2011	8:03	0		0		0	
43	4/25/2011	8:04	0		0		0	
44	4/25/2011	8:05	0		0		0	
45	4/25/2011	8:06	0		0		0	
46	4/25/2011	8:07	0		0		0	
47	4/25/2011	8:08	0		0		0	
48	4/25/2011	8:09	0		0		0	
49	4/25/2011	8:10	0		0		0	
50	4/25/2011	8:11	0		0		0	
51	4/25/2011	8:12	0		0		0	
52	4/25/2011	8:13	0		0		0	
53	4/25/2011	8:14	0		0		0	
54	4/25/2011	8:15	0		0		0	
55	4/25/2011	8:16	0		0		0	
56	4/25/2011	8:17	0		0		0	
57	4/25/2011	8:18	0		0		0	
58	4/25/2011	8:19	0		0		0	

59	4/25/2011 8:20	0	0	0
60	4/25/2011 8:21	0	0	0
61	4/25/2011 8:22	0	0	0
62	4/25/2011 8:23	0	0	0
63	4/25/2011 8:24	0	0	0
64	4/25/2011 8:25	0	0	0
65	4/25/2011 8:26	0	0	0
66	4/25/2011 8:27	0	0	0
67	4/25/2011 8:28	0	0	0
68	4/25/2011 8:29	0	0	0
69	4/25/2011 8:30	0	0	0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 902685

User ID: 00000001 Site ID: 00000016

Data Points: 342 Gas Name: Isobutylene Sample Period: 60 sec

Last Calibration Time: 04/25/2011 06:52

Measurement Type: Min(ppm) Avg(ppm) Max(ppm)					
High Alarm Levels: 100 100 100					
Low Alarm Levels: 50 50 50					
<hr/>					
Line#	Date	Time	Min(ppm)	Alarm	Avg(ppm)
1	4/25/2011	9:09	0	0	0
2	4/25/2011	9:10	0	0	0
3	4/25/2011	9:11	0	0	0
4	4/25/2011	9:12	0	0	0
5	4/25/2011	9:13	0	0	0
6	4/25/2011	9:14	0	0	0
7	4/25/2011	9:15	0	0	0
8	4/25/2011	9:16	0	0	0
9	4/25/2011	9:17	0	0	0
10	4/25/2011	9:18	0	0	0
11	4/25/2011	9:19	0	0	0
12	4/25/2011	9:20	0	0	0
13	4/25/2011	9:21	0	0	0
14	4/25/2011	9:22	0	0	0
15	4/25/2011	9:23	0	0	0
16	4/25/2011	9:24	0	0	0
17	4/25/2011	9:25	0	0	0
18	4/25/2011	9:26	0	0	0
19	4/25/2011	9:27	0	0	0
20	4/25/2011	9:28	0	0	0
21	4/25/2011	9:29	0	0	0
22	4/25/2011	9:30	0	0	0
23	4/25/2011	9:31	0	0	0
24	4/25/2011	9:32	0	0	0
25	4/25/2011	9:33	0	0	0
26	4/25/2011	9:34	0	0	0
27	4/25/2011	9:35	0	0	0
28	4/25/2011	9:36	0	0	0
29	4/25/2011	9:37	0	0	0
30	4/25/2011	9:38	0	0	0
31	4/25/2011	9:39	0	0	0
32	4/25/2011	9:40	0	0	0
33	4/25/2011	9:41	0	0	0
34	4/25/2011	9:42	0	0	0
35	4/25/2011	9:43	0	0	0
36	4/25/2011	9:44	0	0	0
37	4/25/2011	9:45	0	0	0
38	4/25/2011	9:46	0	0	0
39	4/25/2011	9:47	0	0	0
40	4/25/2011	9:48	0	0	0
41	4/25/2011	9:49	0	0	0
42	4/25/2011	9:50	0	0	0
43	4/25/2011	9:51	0	0	0
44	4/25/2011	9:52	0	0	0
45	4/25/2011	9:53	0	0	0
46	4/25/2011	9:54	0	0	0

47	4/25/2011 9:55	0	0	0
48	4/25/2011 9:56	0	0	0
49	4/25/2011 9:57	0	0	0
50	4/25/2011 9:58	0	0	0
51	4/25/2011 9:59	0	0	0
52	4/25/2011 10:00	0	0	0
53	4/25/2011 10:01	0	0	0
54	4/25/2011 10:02	0	0	0
55	4/25/2011 10:03	0	0	0
56	4/25/2011 10:04	0	0	0
57	4/25/2011 10:05	0	0	0
58	4/25/2011 10:06	0	0	0
59	4/25/2011 10:07	0	0	0
60	4/25/2011 10:08	0	0	0
61	4/25/2011 10:09	0	0	0
62	4/25/2011 10:10	0	0	0
63	4/25/2011 10:11	0	0	0
64	4/25/2011 10:12	0	0	0
65	4/25/2011 10:13	0	0	0
66	4/25/2011 10:14	0	0	0
67	4/25/2011 10:15	0	0	0
68	4/25/2011 10:16	0	0	0
69	4/25/2011 10:17	0	0	0
70	4/25/2011 10:18	0	0	0
71	4/25/2011 10:19	0	0	0
72	4/25/2011 10:20	0	0	0
73	4/25/2011 10:21	0	0	0
74	4/25/2011 10:22	0	0	0
75	4/25/2011 10:23	0	0	0
76	4/25/2011 10:24	0	0	0
77	4/25/2011 10:25	0	0	0
78	4/25/2011 10:26	0	0	0
79	4/25/2011 10:27	0	0	0
80	4/25/2011 10:28	0	0	0
81	4/25/2011 10:29	0	0	0
82	4/25/2011 10:30	0	0	0
83	4/25/2011 10:31	0	0	0
84	4/25/2011 10:32	0	0	0
85	4/25/2011 10:33	0	0	0
86	4/25/2011 10:34	0	0	0
87	4/25/2011 10:35	0	0	0
88	4/25/2011 10:36	0	0	0
89	4/25/2011 10:37	0	0	0
90	4/25/2011 10:38	0	0	0
91	4/25/2011 10:39	0	0	0
92	4/25/2011 10:40	0	0	0
93	4/25/2011 10:41	0	0	0
94	4/25/2011 10:42	0	0	0
95	4/25/2011 10:43	0	0	0
96	4/25/2011 10:44	0	0	0
97	4/25/2011 10:45	0	0	0
98	4/25/2011 10:46	0	0	0
99	4/25/2011 10:47	0	0	0
100	4/25/2011 10:48	0	0	0
101	4/25/2011 10:49	0	0	0
102	4/25/2011 10:50	0	0	0
103	4/25/2011 10:51	0	0	0
104	4/25/2011 10:52	0	0	0
105	4/25/2011 10:53	0	0	0
106	4/25/2011 10:54	0	0	0
107	4/25/2011 10:55	0	0	0
108	4/25/2011 10:56	0	0	0
109	4/25/2011 10:57	0	0	0
110	4/25/2011 10:58	0	0	0
111	4/25/2011 10:59	0	0	0
112	4/25/2011 11:00	0	0	0
113	4/25/2011 11:01	0	0	0
114	4/25/2011 11:02	0	0	0
115	4/25/2011 11:03	0	0	0

116	4/25/2011 11:04	0	0	0
117	4/25/2011 11:05	0	0	0
118	4/25/2011 11:06	0	0	0
119	4/25/2011 11:07	0	0	0
120	4/25/2011 11:08	0	0	0
121	4/25/2011 11:09	0	0	0
122	4/25/2011 11:10	0	0	0
123	4/25/2011 11:11	0	0	0
124	4/25/2011 11:12	0	0	0
125	4/25/2011 11:13	0	0	0
126	4/25/2011 11:14	0	0	0
127	4/25/2011 11:15	0	0	0
128	4/25/2011 11:16	0	0	0
129	4/25/2011 11:17	0	0	0
130	4/25/2011 11:18	0	0	0
131	4/25/2011 11:19	0	0	0
132	4/25/2011 11:20	0	0	0
133	4/25/2011 11:21	0	0	0
134	4/25/2011 11:22	0	0	0
135	4/25/2011 11:23	0	0	0
136	4/25/2011 11:24	0	0	0
137	4/25/2011 11:25	0	0	0
138	4/25/2011 11:26	0	0	0
139	4/25/2011 11:27	0	0	0
140	4/25/2011 11:28	0	0	0
141	4/25/2011 11:29	0	0	0
142	4/25/2011 11:30	0	0	0
143	4/25/2011 11:31	0	0	0
144	4/25/2011 11:32	0	0	0
145	4/25/2011 11:33	0	0	0
146	4/25/2011 11:34	0	0	0
147	4/25/2011 11:35	0	0	0
148	4/25/2011 11:36	0	0	0
149	4/25/2011 11:37	0	0	0
150	4/25/2011 11:38	0	0	0
151	4/25/2011 11:39	0	0	0
152	4/25/2011 11:40	0	0	0
153	4/25/2011 11:41	0	0	0
154	4/25/2011 11:42	0	0	0
155	4/25/2011 11:43	0	0	0
156	4/25/2011 11:44	0	0	0
157	4/25/2011 11:45	0	0	0
158	4/25/2011 11:46	0	0	0
159	4/25/2011 11:47	0	0	0
160	4/25/2011 11:48	0	0	0
161	4/25/2011 11:49	0	0	0
162	4/25/2011 11:50	0	0	0
163	4/25/2011 11:51	0	0	0
164	4/25/2011 11:52	0	0	0
165	4/25/2011 11:53	0	0	0
166	4/25/2011 11:54	0	0	0
167	4/25/2011 11:55	0	0	0
168	4/25/2011 11:56	0	0	0
169	4/25/2011 11:57	0	0	0
170	4/25/2011 11:58	0	0	0
171	4/25/2011 11:59	0	0	0
172	4/25/2011 12:00	0	0	0
173	4/25/2011 12:01	0	0	0
174	4/25/2011 12:02	0	0	0
175	4/25/2011 12:03	0	0	0
176	4/25/2011 12:04	0	0	0
177	4/25/2011 12:05	0	0	0
178	4/25/2011 12:06	0	0	0
179	4/25/2011 12:07	0	0	0
180	4/25/2011 12:08	0	0	0
181	4/25/2011 12:09	0	0	0
182	4/25/2011 12:10	0	0	0
183	4/25/2011 12:11	0	0	0
184	4/25/2011 12:12	0	0	0

185	4/25/2011 12:13	0	0	0
186	4/25/2011 12:14	0	0	0
187	4/25/2011 12:15	0	0	0
188	4/25/2011 12:16	0	0	0
189	4/25/2011 12:17	0	0	0
190	4/25/2011 12:18	0	0	0
191	4/25/2011 12:19	0	0	0
192	4/25/2011 12:20	0	0	0
193	4/25/2011 12:21	0	0	0
194	4/25/2011 12:22	0	0	0
195	4/25/2011 12:23	0	0	0
196	4/25/2011 12:24	0	0	0
197	4/25/2011 12:25	0	0	0
198	4/25/2011 12:26	0	0	0
199	4/25/2011 12:27	0	0	0
200	4/25/2011 12:28	0	0	0
201	4/25/2011 12:29	0	0	0
202	4/25/2011 12:30	0	0	0
203	4/25/2011 12:31	0	0	0
204	4/25/2011 12:32	0	0	0
205	4/25/2011 12:33	0	0	0
206	4/25/2011 12:34	0	0	0
207	4/25/2011 12:35	0	0	0
208	4/25/2011 12:36	0	0	0
209	4/25/2011 12:37	0	0	0
210	4/25/2011 12:38	0	0	0
211	4/25/2011 12:39	0	0	0
212	4/25/2011 12:40	0	0	0
213	4/25/2011 12:41	0	0	0
214	4/25/2011 12:42	0	0	0
215	4/25/2011 12:43	0	0	0
216	4/25/2011 12:44	0	0	0
217	4/25/2011 12:45	0	0	0
218	4/25/2011 12:46	0	0	0
219	4/25/2011 12:47	0	0	0
220	4/25/2011 12:48	0	0	0
221	4/25/2011 12:49	0	0	0
222	4/25/2011 12:50	0	0	0
223	4/25/2011 12:51	0	0	0
224	4/25/2011 12:52	0	0	0
225	4/25/2011 12:53	0	0	0
226	4/25/2011 12:54	0	0	0
227	4/25/2011 12:55	0	0	0
228	4/25/2011 12:56	0	0	0
229	4/25/2011 12:57	0	0	0
230	4/25/2011 12:58	0	0	0
231	4/25/2011 12:59	0	0	0
232	4/25/2011 13:00	0	0	0
233	4/25/2011 13:01	0	0	0
234	4/25/2011 13:02	0	0	0
235	4/25/2011 13:03	0	0	0
236	4/25/2011 13:04	0	0	0
237	4/25/2011 13:05	0	0	0
238	4/25/2011 13:06	0	0	0
239	4/25/2011 13:07	0	0	0
240	4/25/2011 13:08	0	0	0
241	4/25/2011 13:09	0	0	0
242	4/25/2011 13:10	0	0	0
243	4/25/2011 13:11	0	0	0
244	4/25/2011 13:12	0	0	0
245	4/25/2011 13:13	0	0	0
246	4/25/2011 13:14	0	0	0
247	4/25/2011 13:15	0	0	0
248	4/25/2011 13:16	0	0	0
249	4/25/2011 13:17	0	0	0
250	4/25/2011 13:18	0	0	0
251	4/25/2011 13:19	0	0	0
252	4/25/2011 13:20	0	0	0
253	4/25/2011 13:21	0	0	0

254	4/25/2011 13:22	0	0	0
255	4/25/2011 13:23	0	0	0
256	4/25/2011 13:24	0	0	0
257	4/25/2011 13:25	0	0	0
258	4/25/2011 13:26	0	0	0
259	4/25/2011 13:27	0	0	0
260	4/25/2011 13:28	0	0	0
261	4/25/2011 13:29	0	0	0
262	4/25/2011 13:30	0	0	0
263	4/25/2011 13:31	0	0	0
264	4/25/2011 13:32	0	0	0
265	4/25/2011 13:33	0	0	0
266	4/25/2011 13:34	0	0	0
267	4/25/2011 13:35	0	0	0
268	4/25/2011 13:36	0	0	0
269	4/25/2011 13:37	0	0	0
270	4/25/2011 13:38	0	0	0
271	4/25/2011 13:39	0	0	0
272	4/25/2011 13:40	0	0	0
273	4/25/2011 13:41	0	0	0
274	4/25/2011 13:42	0	0	0
275	4/25/2011 13:43	0	0	0
276	4/25/2011 13:44	0	0	0
277	4/25/2011 13:45	0	0	0
278	4/25/2011 13:46	0	0	0
279	4/25/2011 13:47	0	0	0
280	4/25/2011 13:48	0	0	0
281	4/25/2011 13:49	0	0	0
282	4/25/2011 13:50	0	0	0
283	4/25/2011 13:51	0	0	0
284	4/25/2011 13:52	0	0	0
285	4/25/2011 13:53	0	0	0
286	4/25/2011 13:54	0	0	0
287	4/25/2011 13:55	0	0	0
288	4/25/2011 13:56	0	0	0
289	4/25/2011 13:57	0	0	0
290	4/25/2011 13:58	0	0	0
291	4/25/2011 13:59	0	0	0
292	4/25/2011 14:00	0	0	0
293	4/25/2011 14:01	0	0	0
294	4/25/2011 14:02	0	0	0
295	4/25/2011 14:03	0	0	0
296	4/25/2011 14:04	0	0	0
297	4/25/2011 14:05	0	0	0
298	4/25/2011 14:06	0	0	0
299	4/25/2011 14:07	0	0	0
300	4/25/2011 14:08	0	0	0
301	4/25/2011 14:09	0	0	0
302	4/25/2011 14:10	0	0	0
303	4/25/2011 14:11	0	0	0
304	4/25/2011 14:12	0	0	0
305	4/25/2011 14:13	0	0	0
306	4/25/2011 14:14	0	0	0
307	4/25/2011 14:15	0	0	0
308	4/25/2011 14:16	0	0	0
309	4/25/2011 14:17	0	0	0
310	4/25/2011 14:18	0	0	0
311	4/25/2011 14:19	0	0	0
312	4/25/2011 14:20	0	0	0
313	4/25/2011 14:21	0	0	0
314	4/25/2011 14:22	0	0	0
315	4/25/2011 14:23	0	0	0
316	4/25/2011 14:24	0	0	0
317	4/25/2011 14:25	0	0	0
318	4/25/2011 14:26	0	0	0
319	4/25/2011 14:27	0	0	0
320	4/25/2011 14:28	0	0	0
321	4/25/2011 14:29	0	0	0
322	4/25/2011 14:30	0	0	0

323	4/25/2011 14:31	0	0	0
324	4/25/2011 14:32	0	0	0
325	4/25/2011 14:33	0	0	0
326	4/25/2011 14:34	0	0	0
327	4/25/2011 14:35	0	0	0
328	4/25/2011 14:36	0	0	0
329	4/25/2011 14:37	0	0	0
330	4/25/2011 14:38	0	0	0
331	4/25/2011 14:39	0	0	0
332	4/25/2011 14:40	0	0	0
333	4/25/2011 14:41	0	0	0
334	4/25/2011 14:42	0	0	0
335	4/25/2011 14:43	0	0	0
336	4/25/2011 14:44	0	0	0
337	4/25/2011 14:45	0	0	0
338	4/25/2011 14:46	0	0	0
339	4/25/2011 14:47	0	0	0
340	4/25/2011 14:48	0	0	0
341	4/25/2011 14:49	0	0	0
342	4/25/2011 14:50	0	0	0

=====Event #17 information (begin)=====

=====Event #17 name:]-[Event #17]2011-04-25 04:20-->2011-04-25 12:07
[Event start time:]-2011-04-25 04:20:42[Event end time:]-2011-04-25 12:07:42

=====Event #17 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905367

Data Points: 467 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====Sensor Information : PID(ppb)=====

Measurement Gas : Isobutene

Calibration Time : 2011-04-25 04:03:00

Drift Value : ---

Low Alarm Levels : 50000

High Alarm Levels : 100000

Span Value : 100000

Correction Factor : 1.00

Over Alarm Levels : 15000000

=====Event #17 data informations=====

LINE#	Date/Time	PID(ppb)	PID(ppm)
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1	4/25/2011 4:21	259	0.3
2	4/25/2011 4:22	169	0.2
3	4/25/2011 4:23	168	0.2
4	4/25/2011 4:24	323	0.3
5	4/25/2011 4:25	439	0.4
6	4/25/2011 4:26	378	0.4
7	4/25/2011 4:27	323	0.3
8	4/25/2011 4:28	572	0.6
9	4/25/2011 4:29	458	0.5
10	4/25/2011 4:30	957	1.0
11	4/25/2011 4:31	645	0.6
12	4/25/2011 4:32	1041	1.0
13	4/25/2011 4:33	713	0.7
14	4/25/2011 4:34	485	0.5
15	4/25/2011 4:35	389	0.4
16	4/25/2011 4:36	240	0.2
17	4/25/2011 4:37	155	0.2
18	4/25/2011 4:38	385	0.4
19	4/25/2011 4:39	383	0.4
20	4/25/2011 4:40	472	0.5
21	4/25/2011 4:41	392	0.4
22	4/25/2011 4:42	428	0.4
23	4/25/2011 4:43	417	0.4
24	4/25/2011 4:44	288	0.3
25	4/25/2011 4:45	127	0.1
26	4/25/2011 4:46	161	0.2
27	4/25/2011 4:47	244	0.2
28	4/25/2011 4:48	463	0.5
29	4/25/2011 4:49	340	0.3
30	4/25/2011 4:50	329	0.3
31	4/25/2011 4:51	531	0.5
32	4/25/2011 4:52	783	0.8
33	4/25/2011 4:53	802	0.8
34	4/25/2011 4:54	497	0.5
35	4/25/2011 4:55	330	0.3
36	4/25/2011 4:56	399	0.4
37	4/25/2011 4:57	701	0.7
38	4/25/2011 4:58	696	0.7
39	4/25/2011 4:59	536	0.5
40	4/25/2011 5:00	463	0.5
41	4/25/2011 5:01	230	0.2
42	4/25/2011 5:02	190	0.2
43	4/25/2011 5:03	118	0.1
44	4/25/2011 5:04	275	0.3
45	4/25/2011 5:05	446	0.4
46	4/25/2011 5:06	550	0.6
47	4/25/2011 5:07	821	0.8
48	4/25/2011 5:08	769	0.8

49	4/25/2011 5:09	385	0.4
50	4/25/2011 5:10	260	0.3
51	4/25/2011 5:11	156	0.2
52	4/25/2011 5:12	294	0.3
53	4/25/2011 5:13	172	0.2
54	4/25/2011 5:14	85	0.1
55	4/25/2011 5:15	66	0.1
56	4/25/2011 5:16	28	0.0
57	4/25/2011 5:17	153	0.2
58	4/25/2011 5:18	238	0.2
59	4/25/2011 5:19	55	0.1
60	4/25/2011 5:20	61	0.1
61	4/25/2011 5:21	124	0.1
62	4/25/2011 5:22	201	0.2
63	4/25/2011 5:23	185	0.2
64	4/25/2011 5:24	121	0.1
65	4/25/2011 5:25	194	0.2
66	4/25/2011 5:26	82	0.1
67	4/25/2011 5:27	13	0.0
68	4/25/2011 5:28	51	0.1
69	4/25/2011 5:29	26	0.0
70	4/25/2011 5:30	138	0.1
71	4/25/2011 5:31	73	0.1
72	4/25/2011 5:32	14	0.0
73	4/25/2011 5:33	3	0.0
74	4/25/2011 5:34	1	0.0
75	4/25/2011 5:35	0	0.0
76	4/25/2011 5:36	0	0.0
77	4/25/2011 5:37	104	0.1
78	4/25/2011 5:38	18	0.0
79	4/25/2011 5:39	41	0.0
80	4/25/2011 5:40	225	0.2
81	4/25/2011 5:41	0	0.0
82	4/25/2011 5:42	0	0.0
83	4/25/2011 5:43	0	0.0
84	4/25/2011 5:44	0	0.0
85	4/25/2011 5:45	0	0.0
86	4/25/2011 5:46	110	0.1
87	4/25/2011 5:47	0	0.0
88	4/25/2011 5:48	0	0.0
89	4/25/2011 5:49	3	0.0
90	4/25/2011 5:50	3	0.0
91	4/25/2011 5:51	37	0.0
92	4/25/2011 5:52	24	0.0
93	4/25/2011 5:53	0	0.0
94	4/25/2011 5:54	1	0.0
95	4/25/2011 5:55	0	0.0
96	4/25/2011 5:56	36	0.0
97	4/25/2011 5:57	0	0.0
98	4/25/2011 5:58	10	0.0
99	4/25/2011 5:59	0	0.0
100	4/25/2011 6:00	0	0.0
101	4/25/2011 6:01	0	0.0
102	4/25/2011 6:02	0	0.0
103	4/25/2011 6:03	0	0.0
104	4/25/2011 6:04	1	0.0
105	4/25/2011 6:05	0	0.0
106	4/25/2011 6:06	0	0.0
107	4/25/2011 6:07	0	0.0
108	4/25/2011 6:08	0	0.0
109	4/25/2011 6:09	0	0.0
110	4/25/2011 6:10	0	0.0
111	4/25/2011 6:11	0	0.0
112	4/25/2011 6:12	0	0.0
113	4/25/2011 6:13	0	0.0
114	4/25/2011 6:14	0	0.0
115	4/25/2011 6:15	0	0.0
116	4/25/2011 6:16	0	0.0
117	4/25/2011 6:17	0	0.0

118	4/25/2011 6:18	0	0.0
119	4/25/2011 6:19	0	0.0
120	4/25/2011 6:20	0	0.0
121	4/25/2011 6:21	0	0.0
122	4/25/2011 6:22	0	0.0
123	4/25/2011 6:23	0	0.0
124	4/25/2011 6:24	0	0.0
125	4/25/2011 6:25	31	0.0
126	4/25/2011 6:26	1	0.0
127	4/25/2011 6:27	0	0.0
128	4/25/2011 6:28	0	0.0
129	4/25/2011 6:29	0	0.0
130	4/25/2011 6:30	0	0.0
131	4/25/2011 6:31	0	0.0
132	4/25/2011 6:32	0	0.0
133	4/25/2011 6:33	0	0.0
134	4/25/2011 6:34	0	0.0
135	4/25/2011 6:35	0	0.0
136	4/25/2011 6:36	0	0.0
137	4/25/2011 6:37	0	0.0
138	4/25/2011 6:38	0	0.0
139	4/25/2011 6:39	0	0.0
140	4/25/2011 6:40	0	0.0
141	4/25/2011 6:41	0	0.0
142	4/25/2011 6:42	0	0.0
143	4/25/2011 6:43	17	0.0
144	4/25/2011 6:44	0	0.0
145	4/25/2011 6:45	0	0.0
146	4/25/2011 6:46	0	0.0
147	4/25/2011 6:47	0	0.0
148	4/25/2011 6:48	0	0.0
149	4/25/2011 6:49	0	0.0
150	4/25/2011 6:50	0	0.0
151	4/25/2011 6:51	0	0.0
152	4/25/2011 6:52	0	0.0
153	4/25/2011 6:53	0	0.0
154	4/25/2011 6:54	0	0.0
155	4/25/2011 6:55	0	0.0
156	4/25/2011 6:56	0	0.0
157	4/25/2011 6:57	0	0.0
158	4/25/2011 6:58	55	0.1
159	4/25/2011 6:59	3	0.0
160	4/25/2011 7:00	87	0.1
161	4/25/2011 7:01	0	0.0
162	4/25/2011 7:02	0	0.0
163	4/25/2011 7:03	24	0.0
164	4/25/2011 7:04	36	0.0
165	4/25/2011 7:05	166	0.2
166	4/25/2011 7:06	148	0.1
167	4/25/2011 7:07	25	0.0
168	4/25/2011 7:08	0	0.0
169	4/25/2011 7:09	0	0.0
170	4/25/2011 7:10	70	0.1
171	4/25/2011 7:11	0	0.0
172	4/25/2011 7:12	81	0.1
173	4/25/2011 7:13	28	0.0
174	4/25/2011 7:14	0	0.0
175	4/25/2011 7:15	0	0.0
176	4/25/2011 7:16	0	0.0
177	4/25/2011 7:17	0	0.0
178	4/25/2011 7:18	0	0.0
179	4/25/2011 7:19	0	0.0
180	4/25/2011 7:20	0	0.0
181	4/25/2011 7:21	0	0.0
182	4/25/2011 7:22	0	0.0
183	4/25/2011 7:23	0	0.0
184	4/25/2011 7:24	2	0.0
185	4/25/2011 7:25	0	0.0
186	4/25/2011 7:26	6	0.0

187	4/25/2011 7:27	0	0.0
188	4/25/2011 7:28	0	0.0
189	4/25/2011 7:29	0	0.0
190	4/25/2011 7:30	0	0.0
191	4/25/2011 7:31	0	0.0
192	4/25/2011 7:32	0	0.0
193	4/25/2011 7:33	0	0.0
194	4/25/2011 7:34	0	0.0
195	4/25/2011 7:35	0	0.0
196	4/25/2011 7:36	0	0.0
197	4/25/2011 7:37	57	0.1
198	4/25/2011 7:38	113	0.1
199	4/25/2011 7:39	1	0.0
200	4/25/2011 7:40	0	0.0
201	4/25/2011 7:41	0	0.0
202	4/25/2011 7:42	113	0.1
203	4/25/2011 7:43	0	0.0
204	4/25/2011 7:44	0	0.0
205	4/25/2011 7:45	0	0.0
206	4/25/2011 7:46	0	0.0
207	4/25/2011 7:47	0	0.0
208	4/25/2011 7:48	0	0.0
209	4/25/2011 7:49	0	0.0
210	4/25/2011 7:50	0	0.0
211	4/25/2011 7:51	0	0.0
212	4/25/2011 7:52	0	0.0
213	4/25/2011 7:53	0	0.0
214	4/25/2011 7:54	11	0.0
215	4/25/2011 7:55	20	0.0
216	4/25/2011 7:56	0	0.0
217	4/25/2011 7:57	0	0.0
218	4/25/2011 7:58	0	0.0
219	4/25/2011 7:59	0	0.0
220	4/25/2011 8:00	0	0.0
221	4/25/2011 8:01	0	0.0
222	4/25/2011 8:02	0	0.0
223	4/25/2011 8:03	0	0.0
224	4/25/2011 8:04	0	0.0
225	4/25/2011 8:05	0	0.0
226	4/25/2011 8:06	10	0.0
227	4/25/2011 8:07	0	0.0
228	4/25/2011 8:08	0	0.0
229	4/25/2011 8:09	12	0.0
230	4/25/2011 8:10	7	0.0
231	4/25/2011 8:11	89	0.1
232	4/25/2011 8:12	48	0.0
233	4/25/2011 8:13	290	0.3
234	4/25/2011 8:14	38	0.0
235	4/25/2011 8:15	40	0.0
236	4/25/2011 8:16	87	0.1
237	4/25/2011 8:17	0	0.0
238	4/25/2011 8:18	0	0.0
239	4/25/2011 8:19	0	0.0
240	4/25/2011 8:20	0	0.0
241	4/25/2011 8:21	0	0.0
242	4/25/2011 8:22	0	0.0
243	4/25/2011 8:23	0	0.0
244	4/25/2011 8:24	1	0.0
245	4/25/2011 8:25	65	0.1
246	4/25/2011 8:26	84	0.1
247	4/25/2011 8:27	16	0.0
248	4/25/2011 8:28	0	0.0
249	4/25/2011 8:29	0	0.0
250	4/25/2011 8:30	0	0.0
251	4/25/2011 8:31	0	0.0
252	4/25/2011 8:32	0	0.0
253	4/25/2011 8:33	30	0.0
254	4/25/2011 8:34	1	0.0
255	4/25/2011 8:35	293	0.3

256	4/25/2011 8:36	0	0.0
257	4/25/2011 8:37	2	0.0
258	4/25/2011 8:38	1	0.0
259	4/25/2011 8:39	1	0.0
260	4/25/2011 8:40	47	0.0
261	4/25/2011 8:41	5	0.0
262	4/25/2011 8:42	0	0.0
263	4/25/2011 8:43	0	0.0
264	4/25/2011 8:44	1	0.0
265	4/25/2011 8:45	1	0.0
266	4/25/2011 8:46	65	0.1
267	4/25/2011 8:47	220	0.2
268	4/25/2011 8:48	424	0.4
269	4/25/2011 8:49	316	0.3
270	4/25/2011 8:50	417	0.4
271	4/25/2011 8:51	942	0.9
272	4/25/2011 8:52	359	0.4
273	4/25/2011 8:53	251	0.3
274	4/25/2011 8:54	156	0.2
275	4/25/2011 8:55	176	0.2
276	4/25/2011 8:56	297	0.3
277	4/25/2011 8:57	520	0.5
278	4/25/2011 8:58	337	0.3
279	4/25/2011 8:59	343	0.3
280	4/25/2011 9:00	256	0.3
281	4/25/2011 9:01	281	0.3
282	4/25/2011 9:02	170	0.2
283	4/25/2011 9:03	130	0.1
284	4/25/2011 9:04	113	0.1
285	4/25/2011 9:05	102	0.1
286	4/25/2011 9:06	171	0.2
287	4/25/2011 9:07	149	0.1
288	4/25/2011 9:08	237	0.2
289	4/25/2011 9:09	366	0.4
290	4/25/2011 9:10	347	0.3
291	4/25/2011 9:11	379	0.4
292	4/25/2011 9:12	258	0.3
293	4/25/2011 9:13	265	0.3
294	4/25/2011 9:14	399	0.4
295	4/25/2011 9:15	303	0.3
296	4/25/2011 9:16	223	0.2
297	4/25/2011 9:17	342	0.3
298	4/25/2011 9:18	323	0.3
299	4/25/2011 9:19	355	0.4
300	4/25/2011 9:20	345	0.3
301	4/25/2011 9:21	302	0.3
302	4/25/2011 9:22	404	0.4
303	4/25/2011 9:23	565	0.6
304	4/25/2011 9:24	646	0.6
305	4/25/2011 9:25	487	0.5
306	4/25/2011 9:26	369	0.4
307	4/25/2011 9:27	386	0.4
308	4/25/2011 9:28	381	0.4
309	4/25/2011 9:29	472	0.5
310	4/25/2011 9:30	495	0.5
311	4/25/2011 9:31	504	0.5
312	4/25/2011 9:32	600	0.6
313	4/25/2011 9:33	512	0.5
314	4/25/2011 9:34	530	0.5
315	4/25/2011 9:35	400	0.4
316	4/25/2011 9:36	470	0.5
317	4/25/2011 9:37	553	0.6
318	4/25/2011 9:38	404	0.4
319	4/25/2011 9:39	383	0.4
320	4/25/2011 9:40	376	0.4
321	4/25/2011 9:41	466	0.5
322	4/25/2011 9:42	645	0.6
323	4/25/2011 9:43	556	0.6
324	4/25/2011 9:44	498	0.5

325	4/25/2011 9:45	534	0.5
326	4/25/2011 9:46	367	0.4
327	4/25/2011 9:47	431	0.4
328	4/25/2011 9:48	379	0.4
329	4/25/2011 9:49	268	0.3
330	4/25/2011 9:50	398	0.4
331	4/25/2011 9:51	430	0.4
332	4/25/2011 9:52	485	0.5
333	4/25/2011 9:53	412	0.4
334	4/25/2011 9:54	959	1.0
335	4/25/2011 9:55	687	0.7
336	4/25/2011 9:56	678	0.7
337	4/25/2011 9:57	623	0.6
338	4/25/2011 9:58	759	0.8
339	4/25/2011 9:59	1577	1.6
340	4/25/2011 10:00	945	0.9
341	4/25/2011 10:01	857	0.9
342	4/25/2011 10:02	1035	1.0
343	4/25/2011 10:03	702	0.7
344	4/25/2011 10:04	591	0.6
345	4/25/2011 10:05	730	0.7
346	4/25/2011 10:06	720	0.7
347	4/25/2011 10:07	1654	1.7
348	4/25/2011 10:08	1589	1.6
349	4/25/2011 10:09	758	0.8
350	4/25/2011 10:10	2551	2.6
351	4/25/2011 10:11	1542	1.5
352	4/25/2011 10:12	904	0.9
353	4/25/2011 10:13	852	0.9
354	4/25/2011 10:14	855	0.9
355	4/25/2011 10:15	1262	1.3
356	4/25/2011 10:16	1048	1.0
357	4/25/2011 10:17	1906	1.9
358	4/25/2011 10:18	670	0.7
359	4/25/2011 10:19	544	0.5
360	4/25/2011 10:20	436	0.4
361	4/25/2011 10:21	422	0.4
362	4/25/2011 10:22	290	0.3
363	4/25/2011 10:23	466	0.5
364	4/25/2011 10:24	521	0.5
365	4/25/2011 10:25	391	0.4
366	4/25/2011 10:26	462	0.5
367	4/25/2011 10:27	1066	1.1
368	4/25/2011 10:28	1214	1.2
369	4/25/2011 10:29	2020	2.0
370	4/25/2011 10:30	1017	1.0
371	4/25/2011 10:31	570	0.6
372	4/25/2011 10:32	1193	1.2
373	4/25/2011 10:33	1106	1.1
374	4/25/2011 10:34	1578	1.6
375	4/25/2011 10:35	1134	1.1
376	4/25/2011 10:36	658	0.7
377	4/25/2011 10:37	958	1.0
378	4/25/2011 10:38	1345	1.3
379	4/25/2011 10:39	554	0.6
380	4/25/2011 10:40	1254	1.3
381	4/25/2011 10:41	1148	1.1
382	4/25/2011 10:42	656	0.7
383	4/25/2011 10:43	500	0.5
384	4/25/2011 10:44	312	0.3
385	4/25/2011 10:45	342	0.3
386	4/25/2011 10:46	221	0.2
387	4/25/2011 10:47	291	0.3
388	4/25/2011 10:48	496	0.5
389	4/25/2011 10:49	265	0.3
390	4/25/2011 10:50	89	0.1
391	4/25/2011 10:51	326	0.3
392	4/25/2011 10:52	43	0.0
393	4/25/2011 10:53	60	0.1

394	4/25/2011 10:54	5	0.0
395	4/25/2011 10:55	0	0.0
396	4/25/2011 10:56	0	0.0
397	4/25/2011 10:57	10	0.0
398	4/25/2011 10:58	0	0.0
399	4/25/2011 10:59	17	0.0
400	4/25/2011 11:00	0	0.0
401	4/25/2011 11:01	9	0.0
402	4/25/2011 11:02	0	0.0
403	4/25/2011 11:03	0	0.0
404	4/25/2011 11:04	0	0.0
405	4/25/2011 11:05	0	0.0
406	4/25/2011 11:06	0	0.0
407	4/25/2011 11:07	0	0.0
408	4/25/2011 11:08	0	0.0
409	4/25/2011 11:09	0	0.0
410	4/25/2011 11:10	0	0.0
411	4/25/2011 11:11	23	0.0
412	4/25/2011 11:12	2	0.0
413	4/25/2011 11:13	8	0.0
414	4/25/2011 11:14	0	0.0
415	4/25/2011 11:15	0	0.0
416	4/25/2011 11:16	0	0.0
417	4/25/2011 11:17	0	0.0
418	4/25/2011 11:18	13	0.0
419	4/25/2011 11:19	2	0.0
420	4/25/2011 11:20	23	0.0
421	4/25/2011 11:21	8	0.0
422	4/25/2011 11:22	0	0.0
423	4/25/2011 11:23	0	0.0
424	4/25/2011 11:24	40	0.0
425	4/25/2011 11:25	106	0.1
426	4/25/2011 11:26	11	0.0
427	4/25/2011 11:27	0	0.0
428	4/25/2011 11:28	0	0.0
429	4/25/2011 11:29	0	0.0
430	4/25/2011 11:30	0	0.0
431	4/25/2011 11:31	24	0.0
432	4/25/2011 11:32	0	0.0
433	4/25/2011 11:33	0	0.0
434	4/25/2011 11:34	0	0.0
435	4/25/2011 11:35	24	0.0
436	4/25/2011 11:36	27	0.0
437	4/25/2011 11:37	12	0.0
438	4/25/2011 11:38	0	0.0
439	4/25/2011 11:39	0	0.0
440	4/25/2011 11:40	74	0.1
441	4/25/2011 11:41	0	0.0
442	4/25/2011 11:42	1	0.0
443	4/25/2011 11:43	0	0.0
444	4/25/2011 11:44	152	0.2
445	4/25/2011 11:45	2	0.0
446	4/25/2011 11:46	1	0.0
447	4/25/2011 11:47	0	0.0
448	4/25/2011 11:48	5	0.0
449	4/25/2011 11:49	301	0.3
450	4/25/2011 11:50	263	0.3
451	4/25/2011 11:51	258	0.3
452	4/25/2011 11:52	123	0.1
453	4/25/2011 11:53	7	0.0
454	4/25/2011 11:54	0	0.0
455	4/25/2011 11:55	0	0.0
456	4/25/2011 11:56	2	0.0
457	4/25/2011 11:57	0	0.0
458	4/25/2011 11:58	0	0.0
459	4/25/2011 11:59	0	0.0
460	4/25/2011 12:00	10	0.0
461	4/25/2011 12:01	18	0.0
462	4/25/2011 12:02	67	0.1

463	4/25/2011 12:03	100	0.1
464	4/25/2011 12:04	7	0.0
465	4/25/2011 12:05	0	0.0
466	4/25/2011 12:06	23	0.0
467	4/25/2011 12:07	0	0.0

=====Event #17 information (end)=====

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530110314
 Firmware Version 2.7
 Calibration Date 1/17/2011
 Test Name MANUAL_001
 Test Start Time 8:21:19 AM
 Test Start Date 4/25/2011
 Test Length [D:H:M] 0:01:00
 Test Interval [M:S] 1:00
 Mass Average [mg/m³] 0.161
 Mass Minimum [mg/m³] 0.138
 Mass Maximum [mg/m³] 0.203
 Mass TWA [mg/m³] 0.02
 Photometric User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 60

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
60	0.182		
120	0.183		
180	0.181		
240	0.177		
300	0.172		
360	0.186		
420	0.161		
480	0.161		
540	0.158		
600	0.155		
660	0.166		
720	0.165		
780	0.175		
840	0.191		
900	0.203		
960	0.2		
1020	0.186		
1080	0.167		
1140	0.167		
1200	0.163		
1260	0.163		
1320	0.156		
1380	0.161		
1440	0.154		
1500	0.152		
1560	0.158		
1620	0.158		
1680	0.179		
1740	0.18		
1800	0.203		
1860	0.176		
1920	0.163		
1980	0.152		
2040	0.155		
2100	0.159		
2160	0.152		
2220	0.154		
2280	0.148		
2340	0.144		
2400	0.144		
2460	0.14		
2520	0.154		
2580	0.151		
2640	0.159		
2700	0.157		
2760	0.145		
2820	0.144		
2880	0.145		
2940	0.143		

3000	0.144
3060	0.143
3120	0.142
3180	0.138
3240	0.14
3300	0.145
3360	0.143
3420	0.146
3480	0.144
3540	0.149
3600	0.155

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530110314
 Firmware Version 2.7
 Calibration Date 1/17/2011
 Test Name MANUAL_002
 Test Start Time 9:44:07 AM
 Test Start Date 4/25/2011
 Test Length [D:H:M] 0:01:00
 Test Interval [M:S] 1:00
 Mass Average [mg/m³] 0.158
 Mass Minimum [mg/m³] 0.138
 Mass Maximum [mg/m³] 0.177
 Mass TWA [mg/m³] 0.02
 Photometric User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 60

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
60	0.153		
120	0.158		
180	0.164		
240	0.165		
300	0.159		
360	0.158		
420	0.177		
480	0.159		
540	0.164		
600	0.167		
660	0.159		
720	0.156		
780	0.157		
840	0.154		
900	0.146		
960	0.148		
1020	0.151		
1080	0.153		
1140	0.157		
1200	0.16		
1260	0.168		
1320	0.165		
1380	0.168		
1440	0.174		
1500	0.166		
1560	0.168		
1620	0.167		
1680	0.162		
1740	0.168		
1800	0.16		
1860	0.162		
1920	0.17		
1980	0.162		
2040	0.17		
2100	0.168		
2160	0.162		
2220	0.165		
2280	0.165		
2340	0.164		
2400	0.159		
2460	0.155		
2520	0.157		
2580	0.151		
2640	0.16		
2700	0.166		
2760	0.152		
2820	0.156		
2880	0.149		
2940	0.147		

3000	0.146
3060	0.146
3120	0.147
3180	0.143
3240	0.138
3300	0.14
3360	0.139
3420	0.143
3480	0.155
3540	0.144
3600	0.157

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530110314
 Firmware Version 2.7
 Calibration Date 1/17/2011
 Test Name MANUAL_003
 Test Start Time 11:15:07 AM
 Test Start Date 4/25/2011
 Test Length [D:H:M] 0:01:00
 Test Interval [M:S] 1:00
 Mass Average [mg/m³] 0.106
 Mass Minimum [mg/m³] 0.091
 Mass Maximum [mg/m³] 0.175
 Mass TWA [mg/m³] 0.013
 Photometric User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 60

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
60	0.106		
120	0.118		
180	0.114		
240	0.109		
300	0.111		
360	0.11		
420	0.114		
480	0.119		
540	0.121		
600	0.118		
660	0.116		
720	0.119		
780	0.12		
840	0.113		
900	0.121		
960	0.108		
1020	0.109		
1080	0.108		
1140	0.106		
1200	0.103		
1260	0.109		
1320	0.104		
1380	0.12		
1440	0.114		
1500	0.108		
1560	0.105		
1620	0.104		
1680	0.103		
1740	0.102		
1800	0.109		
1860	0.1		
1920	0.098		
1980	0.096		
2040	0.175		
2100	0.132		
2160	0.096		
2220	0.093		
2280	0.094		
2340	0.096		
2400	0.102		
2460	0.101		
2520	0.099		
2580	0.099		
2640	0.098		
2700	0.101		
2760	0.098		
2820	0.095		
2880	0.095		
2940	0.094		

3000	0.092
3060	0.093
3120	0.091
3180	0.093
3240	0.096
3300	0.098
3360	0.096
3420	0.095
3480	0.093
3540	0.094
3600	0.094

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530110314
 Firmware Version 2.7
 Calibration Date 1/17/2011
 Test Name MANUAL_004
 Test Start Time 12:15:19 PM
 Test Start Date 4/25/2011
 Test Length [D:H:M] 0:01:00
 Test Interval [M:S] 1:00
 Mass Average [mg/m³] 0.119
 Mass Minimum [mg/m³] 0.09
 Mass Maximum [mg/m³] 0.203
 Mass TWA [mg/m³] 0.015
 Photometric User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 60

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
60	0.102		
120	0.095		
180	0.093		
240	0.09		
300	0.091		
360	0.098		
420	0.099		
480	0.094		
540	0.097		
600	0.094		
660	0.091		
720	0.091		
780	0.095		
840	0.092		
900	0.096		
960	0.135		
1020	0.097		
1080	0.095		
1140	0.101		
1200	0.107		
1260	0.1		
1320	0.098		
1380	0.097		
1440	0.095		
1500	0.094		
1560	0.097		
1620	0.101		
1680	0.1		
1740	0.119		
1800	0.1		
1860	0.105		
1920	0.107		
1980	0.118		
2040	0.123		
2100	0.131		
2160	0.123		
2220	0.126		
2280	0.135		
2340	0.132		
2400	0.141		
2460	0.14		
2520	0.14		
2580	0.148		
2640	0.203		
2700	0.175		
2760	0.138		
2820	0.134		
2880	0.135		
2940	0.139		

3000	0.141
3060	0.14
3120	0.141
3180	0.143
3240	0.14
3300	0.134
3360	0.139
3420	0.14
3480	0.14
3540	0.146
3600	0.165

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530110314
 Firmware Version 2.7
 Calibration Date 1/17/2011
 Test Name MANUAL_005
 Test Start Time 1:35:34 PM
 Test Start Date 4/25/2011
 Test Length [D:H:M] 0:01:00
 Test Interval [M:S] 1:00
 Mass Average [mg/m³] 0.135
 Mass Minimum [mg/m³] 0.095
 Mass Maximum [mg/m³] 0.218
 Mass TWA [mg/m³] 0.017
 Photometric User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 60

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
60	0.218		
120	0.141		
180	0.148		
240	0.151		
300	0.158		
360	0.146		
420	0.144		
480	0.139		
540	0.14		
600	0.142		
660	0.16		
720	0.138		
780	0.139		
840	0.143		
900	0.141		
960	0.139		
1020	0.141		
1080	0.139		
1140	0.138		
1200	0.139		
1260	0.14		
1320	0.136		
1380	0.132		
1440	0.129		
1500	0.133		
1560	0.133		
1620	0.134		
1680	0.13		
1740	0.134		
1800	0.139		
1860	0.142		
1920	0.148		
1980	0.143		
2040	0.14		
2100	0.141		
2160	0.159		
2220	0.147		
2280	0.139		
2340	0.135		
2400	0.135		
2460	0.137		
2520	0.133		
2580	0.133		
2640	0.131		
2700	0.116		
2760	0.12		
2820	0.116		
2880	0.114		
2940	0.115		

3000	0.116
3060	0.116
3120	0.113
3180	0.118
3240	0.119
3300	0.128
3360	0.123
3420	0.122
3480	0.116
3540	0.095
3600	0.098

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530110314
 Firmware Version 2.7
 Calibration Date 1/17/2011
 Test Name MANUAL_006
 Test Start Time 3:00:07 PM
 Test Start Date 4/25/2011
 Test Length [D:H:M] 0:00:51
 Test Interval [M:S] 1:00
 Mass Average [mg/m³] 0.073
 Mass Minimum [mg/m³] 0.069
 Mass Maximum [mg/m³] 0.081
 Mass TWA [mg/m³] 0.008
 Photometric User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 51

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
60	0.081		
120	0.077		
180	0.076		
240	0.076		
300	0.076		
360	0.075		
420	0.076		
480	0.075		
540	0.075		
600	0.075		
660	0.074		
720	0.072		
780	0.075		
840	0.072		
900	0.075		
960	0.077		
1020	0.07		
1080	0.071		
1140	0.072		
1200	0.071		
1260	0.072		
1320	0.071		
1380	0.074		
1440	0.074		
1500	0.074		
1560	0.074		
1620	0.072		
1680	0.071		
1740	0.072		
1800	0.073		
1860	0.07		
1920	0.071		
1980	0.07		
2040	0.07		
2100	0.071		
2160	0.073		
2220	0.071		
2280	0.069		
2340	0.069		
2400	0.07		
2460	0.071		
2520	0.071		
2580	0.074		
2640	0.074		
2700	0.071		
2760	0.071		
2820	0.071		
2880	0.071		
2940	0.072		

3000	0.07
3060	0.072

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530103310
 Firmware Version 2.6
 Calibration Date 8/12/2010
 Test Name MANUAL_001
 Test Start Time 8:18:49 AM
 Test Start Date 4/25/2011
 Test Length [D:H:M] 0:07:34
 Test Interval [M:S] 1:00
 Mass Average [mg/m³] 0.107
 Mass Minimum [mg/m³] 0.052
 Mass Maximum [mg/m³] 0.204
 Mass TWA [mg/m³] 0.102
 Photometric User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 454

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
60	0.16		
120	0.159		
180	0.162		
240	0.162		
300	0.157		
360	0.154		
420	0.153		
480	0.149		
540	0.148		
600	0.141		
660	0.138		
720	0.139		
780	0.146		
840	0.149		
900	0.149		
960	0.148		
1020	0.153		
1080	0.172		
1140	0.186		
1200	0.153		
1260	0.147		
1320	0.141		
1380	0.141		
1440	0.145		
1500	0.142		
1560	0.145		
1620	0.141		
1680	0.142		
1740	0.144		
1800	0.147		
1860	0.149		
1920	0.145		
1980	0.166		
2040	0.189		
2100	0.204		
2160	0.203		
2220	0.139		
2280	0.143		
2340	0.142		
2400	0.151		
2460	0.14		
2520	0.123		
2580	0.122		
2640	0.132		
2700	0.125		
2760	0.124		
2820	0.13		
2880	0.133		
2940	0.13		

3000	0.136
3060	0.128
3120	0.134
3180	0.122
3240	0.129
3300	0.127
3360	0.125
3420	0.127
3480	0.128
3540	0.129
3600	0.126
3660	0.127
3720	0.125
3780	0.141
3840	0.137
3900	0.127
3960	0.154
4020	0.149
4080	0.12
4140	0.124
4200	0.124
4260	0.124
4320	0.13
4380	0.134
4440	0.131
4500	0.129
4560	0.138
4620	0.137
4680	0.134
4740	0.143
4800	0.146
4860	0.139
4920	0.14
4980	0.155
5040	0.157
5100	0.139
5160	0.138
5220	0.132
5280	0.136
5340	0.14
5400	0.146
5460	0.137
5520	0.138
5580	0.139
5640	0.137
5700	0.14
5760	0.144
5820	0.138
5880	0.131
5940	0.138
6000	0.131
6060	0.128
6120	0.125
6180	0.125
6240	0.127
6300	0.128
6360	0.13
6420	0.131
6480	0.13
6540	0.128
6600	0.131
6660	0.131
6720	0.136
6780	0.137
6840	0.142
6900	0.139
6960	0.139
7020	0.138
7080	0.143

7140	0.134
7200	0.141
7260	0.165
7320	0.136
7380	0.141
7440	0.141
7500	0.138
7560	0.141
7620	0.142
7680	0.137
7740	0.155
7800	0.146
7860	0.14
7920	0.133
7980	0.126
8040	0.127
8100	0.127
8160	0.128
8220	0.128
8280	0.129
8340	0.13
8400	0.128
8460	0.12
8520	0.116
8580	0.116
8640	0.122
8700	0.124
8760	0.131
8820	0.139
8880	0.118
8940	0.119
9000	0.144
9060	0.142
9120	0.162
9180	0.109
9240	0.114
9300	0.112
9360	0.106
9420	0.117
9480	0.12
9540	0.13
9600	0.115
9660	0.107
9720	0.098
9780	0.107
9840	0.104
9900	0.099
9960	0.099
10020	0.103
10080	0.109
10140	0.104
10200	0.104
10260	0.102
10320	0.1
10380	0.097
10440	0.101
10500	0.097
10560	0.094
10620	0.09
10680	0.092
10740	0.095
10800	0.094
10860	0.091
10920	0.089
10980	0.093
11040	0.094
11100	0.1
11160	0.101
11220	0.104

11280	0.105
11340	0.107
11400	0.098
11460	0.094
11520	0.086
11580	0.099
11640	0.098
11700	0.097
11760	0.091
11820	0.088
11880	0.094
11940	0.09
12000	0.101
12060	0.104
12120	0.096
12180	0.091
12240	0.09
12300	0.09
12360	0.087
12420	0.088
12480	0.087
12540	0.087
12600	0.081
12660	0.086
12720	0.085
12780	0.09
12840	0.081
12900	0.08
12960	0.085
13020	0.088
13080	0.088
13140	0.088
13200	0.086
13260	0.084
13320	0.088
13380	0.1
13440	0.082
13500	0.086
13560	0.081
13620	0.079
13680	0.08
13740	0.078
13800	0.079
13860	0.083
13920	0.084
13980	0.089
14040	0.081
14100	0.079
14160	0.079
14220	0.079
14280	0.08
14340	0.109
14400	0.082
14460	0.076
14520	0.079
14580	0.088
14640	0.087
14700	0.089
14760	0.126
14820	0.109
14880	0.079
14940	0.077
15000	0.077
15060	0.085
15120	0.079
15180	0.082
15240	0.088
15300	0.088
15360	0.145

15420	0.102
15480	0.096
15540	0.081
15600	0.081
15660	0.084
15720	0.08
15780	0.085
15840	0.089
15900	0.085
15960	0.14
16020	0.086
16080	0.087
16140	0.088
16200	0.093
16260	0.099
16320	0.104
16380	0.102
16440	0.1
16500	0.102
16560	0.106
16620	0.107
16680	0.117
16740	0.113
16800	0.135
16860	0.163
16920	0.107
16980	0.112
17040	0.109
17100	0.11
17160	0.108
17220	0.108
17280	0.112
17340	0.111
17400	0.111
17460	0.113
17520	0.11
17580	0.109
17640	0.109
17700	0.113
17760	0.153
17820	0.117
17880	0.114
17940	0.114
18000	0.115
18060	0.109
18120	0.11
18180	0.109
18240	0.105
18300	0.134
18360	0.107
18420	0.108
18480	0.108
18540	0.104
18600	0.107
18660	0.105
18720	0.107
18780	0.118
18840	0.137
18900	0.113
18960	0.114
19020	0.144
19080	0.107
19140	0.11
19200	0.112
19260	0.116
19320	0.125
19380	0.186
19440	0.114
19500	0.113

19560	0.109
19620	0.109
19680	0.112
19740	0.113
19800	0.11
19860	0.109
19920	0.11
19980	0.115
20040	0.116
20100	0.114
20160	0.113
20220	0.111
20280	0.112
20340	0.109
20400	0.11
20460	0.105
20520	0.101
20580	0.104
20640	0.106
20700	0.104
20760	0.103
20820	0.105
20880	0.108
20940	0.113
21000	0.117
21060	0.117
21120	0.113
21180	0.116
21240	0.121
21300	0.125
21360	0.117
21420	0.113
21480	0.109
21540	0.108
21600	0.108
21660	0.107
21720	0.102
21780	0.099
21840	0.097
21900	0.089
21960	0.086
22020	0.088
22080	0.093
22140	0.091
22200	0.092
22260	0.094
22320	0.097
22380	0.1
22440	0.099
22500	0.1
22560	0.09
22620	0.078
22680	0.082
22740	0.074
22800	0.073
22860	0.071
22920	0.072
22980	0.074
23040	0.076
23100	0.07
23160	0.071
23220	0.071
23280	0.071
23340	0.068
23400	0.065
23460	0.067
23520	0.065
23580	0.063
23640	0.065

23700	0.063
23760	0.06
23820	0.064
23880	0.064
23940	0.068
24000	0.062
24060	0.058
24120	0.058
24180	0.058
24240	0.076
24300	0.066
24360	0.07
24420	0.063
24480	0.072
24540	0.061
24600	0.061
24660	0.058
24720	0.056
24780	0.056
24840	0.056
24900	0.057
24960	0.072
25020	0.06
25080	0.055
25140	0.055
25200	0.055
25260	0.055
25320	0.055
25380	0.054
25440	0.053
25500	0.055
25560	0.055
25620	0.067
25680	0.057
25740	0.055
25800	0.062
25860	0.064
25920	0.058
25980	0.053
26040	0.052
26100	0.063
26160	0.066
26220	0.064
26280	0.067
26340	0.056
26400	0.054
26460	0.053
26520	0.054
26580	0.054
26640	0.054
26700	0.056
26760	0.054
26820	0.069
26880	0.061
26940	0.064
27000	0.058
27060	0.057
27120	0.054
27180	0.057
27240	0.055

Client: National Grid
 Location: Metropolitan
 Date: 4/26/11
 Field Personnel: J. Ehlen

Project: 60137361
 Project Number: 60137361
 Weather: ~70°F, sunny, light breeze, humid
 Ambient Noise: ~75 dB

Community Air Monitoring Plan / Noise Field Log

pg 1 of 2

Time	Upwind PID	Upwind Dust Trak	Work Area PID	Downwind PID	Downwind Dust Trak	dB Readings ¹	Comments
805 *	0.7	0.062	0.0	0.0	0.060	81.7	setting up to drill MW-4D2
824	0.5	0.093	0.1	0.0	0.084	92.7	drilling MW-4D2
840	0.3	0.068	0.0	0.0	0.072	76.6	"
852	0.4	0.059	0.0	0.0	0.052	83.4	"
905	0.5	0.055	0.1	0.0	0.051	91.3	"
926	0.4	0.050	0.1	0.0	0.045	78.7	" changing batteries in work area pid
940	0.4	0.048	0.0	0.0	0.040	82.6	"
955	0.4	0.042	0.1	0.0	0.036	81.3	"
1007	0.2	0.040	0.1	0.0	0.052	90.7	"
1023	0.1	0.040	0.1	0.0	0.025	81.8	"
1040	0.2	0.040	0.1	0.0	0.074	73.0	"
1057	0.1	0.043	0.1	0.0	0.039	91.4	"
1114	0.0	0.039	0.1	0.0	0.042	91.9	"
1128	0.1	0.043	0.1	0.0	0.095	83.7	"
1143	0.0	0.038	0.0	0.0	0.074	91.1	"
1156	0.1	0.046	0.1	0.0	0.077	82.5	"
1335	0.0	0.040	0.1	0.0	0.030	83.9	"
1350	0.0	0.040	0.1	0.0	0.054	73.0	"
1407	0.0	0.070	0.1	0.0	0.064	91.9	"
1421	0.0	0.038	0.1	0.0	0.037	90.8	"
1436	0.0	0.069	0.1	0.0	0.063	70.0	refilling water tank
1454	0.0	0.029	0.1	0.0	0.038	79.9	drilling MW 4D2

* PID reading 0.5 after calibration.

Client: National Grid
Location: Metropolitan
Date: 11/26/11
Field Personnel: J. Ehlen

Project: Project Number: 60137361
Weather: ~80°F, sunny, breezy
Ambient Noise: _____

Community Air Monitoring Plan / Noise Field Log

pg 2 of 2

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 902685

User ID: 00000001 Site ID: 00000017

Data Points: 9 Gas Name: Isobutylene Sample Period: 60 sec

Last Calibration Time: 04/26/2011 06:08

=====
Measurement Type: Min(ppm) Avg(ppm) Max(ppm)

High Alarm Levels: 100 100 100

Low Alarm Levels: 50 50 50

=====
Line# Date Time Min(ppm) Alarm Avg(ppm) Alarm Max(ppm) Alarm

1	4/26/2011	6:10	0.4	0.4	0.5	
2	4/26/2011	6:11	0.5	0.5	0.6	
3	4/26/2011	6:12	0.6	0.6	0.7	
4	4/26/2011	6:13	0.6	0.6	0.7	
5	4/26/2011	6:14	0.7	0.7	0.8	
6	4/26/2011	6:15	0.8	0.8	0.8	
7	4/26/2011	6:16	0.8	0.8	0.8	
8	4/26/2011	6:17	0.8	0.8	0.9	
9	4/26/2011	6:18	0.9	0.9	1	

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 902685

User ID: 00000001 Site ID: 00000017

Data Points: 578 Gas Name: Isobutylene Sample Period: 60 sec

Last Calibration Time: 04/26/2011 06:08

=====
Measurement Type: Min(ppm) Avg(ppm) Max(ppm)
High Alarm Levels: 100 100 100
Low Alarm Levels: 50 50 50
=====

Line# Date Time Min(ppm) Alarm Avg(ppm) Alarm Max(ppm) Alarm

=====
1 4/26/2011 6:21 0 0 0.4
2 4/26/2011 6:22 0 0.1 0.5
3 4/26/2011 6:23 0.1 0.1 0.1
4 4/26/2011 6:24 0.1 0.1 0.1
5 4/26/2011 6:25 0.1 0.1 0.1
6 4/26/2011 6:26 0.1 0.1 0.2
7 4/26/2011 6:27 0.1 0.1 0.2
8 4/26/2011 6:28 0.1 0.1 0.2
9 4/26/2011 6:29 0.1 0.1 0.2
10 4/26/2011 6:30 0.1 0.1 0.2
11 4/26/2011 6:31 0.1 0.1 0.2
12 4/26/2011 6:32 0.1 0.1 0.2
13 4/26/2011 6:33 0.1 0.1 0.2
14 4/26/2011 6:34 0.2 0.2 0.2
15 4/26/2011 6:35 0.2 0.2 0.2
16 4/26/2011 6:36 0.2 0.2 0.3
17 4/26/2011 6:37 0.2 0.2 0.2
18 4/26/2011 6:38 0.2 0.2 0.3
19 4/26/2011 6:39 0.2 0.2 0.2
20 4/26/2011 6:40 0.2 0.2 0.3
21 4/26/2011 6:41 0.2 0.2 0.3
22 4/26/2011 6:42 0.2 0.2 0.3
23 4/26/2011 6:43 0.3 0.3 0.4
24 4/26/2011 6:44 0.3 0.3 0.4
25 4/26/2011 6:45 0.4 0.4 0.4
26 4/26/2011 6:46 0.4 0.4 0.5
27 4/26/2011 6:47 0.4 0.4 0.5
28 4/26/2011 6:48 0.4 0.4 0.5
29 4/26/2011 6:49 0.5 0.5 0.6
30 4/26/2011 6:50 0.5 0.5 0.5
31 4/26/2011 6:51 0.4 0.4 0.5
32 4/26/2011 6:52 0.4 0.4 0.5
33 4/26/2011 6:53 0.4 0.4 0.5
34 4/26/2011 6:54 0.4 0.4 0.6
35 4/26/2011 6:55 0.5 0.5 0.6
36 4/26/2011 6:56 0.5 0.5 0.6
37 4/26/2011 6:57 0.5 0.5 0.6
38 4/26/2011 6:58 0.5 0.5 0.6
39 4/26/2011 6:59 0.6 0.6 0.6
40 4/26/2011 7:00 0.6 0.6 0.6
41 4/26/2011 7:01 0.6 0.6 0.7
42 4/26/2011 7:02 0.6 0.6 0.7
43 4/26/2011 7:03 0.6 0.6 0.7
44 4/26/2011 7:04 0.6 0.6 0.7
45 4/26/2011 7:05 0.6 0.6 0.7
46 4/26/2011 7:06 0.6 0.6 0.7
47 4/26/2011 7:07 0.6 0.6 0.7
48 4/26/2011 7:08 0.6 0.6 0.7
49 4/26/2011 7:09 0.5 0.5 0.6
50 4/26/2011 7:10 0.5 0.5 0.6
51 4/26/2011 7:11 0.5 0.5 0.6
52 4/26/2011 7:12 0.5 0.5 0.6
53 4/26/2011 7:13 0.5 0.5 0.6
54 4/26/2011 7:14 0.6 0.6 0.6
55 4/26/2011 7:15 0.5 0.5 0.6
56 4/26/2011 7:16 0.6 0.6 0.7
57 4/26/2011 7:17 0.5 0.5 0.6
58 4/26/2011 7:18 0.5 0.5 0.6

59	4/26/2011 7:19	0.5	0.5	0.5
60	4/26/2011 7:20	0.4	0.4	0.5
61	4/26/2011 7:21	0.4	0.4	0.5
62	4/26/2011 7:22	0.4	0.4	0.5
63	4/26/2011 7:23	0.4	0.4	0.5
64	4/26/2011 7:24	0.4	0.4	0.4
65	4/26/2011 7:25	0.4	0.4	0.4
66	4/26/2011 7:26	0.4	0.4	0.4
67	4/26/2011 7:27	0.4	0.4	0.4
68	4/26/2011 7:28	0.3	0.3	0.4
69	4/26/2011 7:29	0.3	0.3	0.4
70	4/26/2011 7:30	0.3	0.3	0.4
71	4/26/2011 7:31	0.3	0.3	0.4
72	4/26/2011 7:32	0.3	0.3	0.4
73	4/26/2011 7:33	0.3	0.3	0.4
74	4/26/2011 7:34	0.3	0.3	0.4
75	4/26/2011 7:35	0.3	0.3	0.4
76	4/26/2011 7:36	0.3	0.3	0.4
77	4/26/2011 7:37	0.3	0.3	0.4
78	4/26/2011 7:38	0.3	0.3	0.4
79	4/26/2011 7:39	0.3	0.3	0.4
80	4/26/2011 7:40	0.3	0.3	0.4
81	4/26/2011 7:41	0.3	0.3	0.4
82	4/26/2011 7:42	0.3	0.3	0.4
83	4/26/2011 7:43	0.3	0.3	0.4
84	4/26/2011 7:44	0.3	0.3	0.4
85	4/26/2011 7:45	0.3	0.3	0.4
86	4/26/2011 7:46	0.3	0.3	0.4
87	4/26/2011 7:47	0.4	0.4	0.4
88	4/26/2011 7:48	0.4	0.4	0.5
89	4/26/2011 7:49	0.4	0.4	0.5
90	4/26/2011 7:50	0.4	0.4	0.5
91	4/26/2011 7:51	0.4	0.4	0.5
92	4/26/2011 7:52	0.4	0.4	0.4
93	4/26/2011 7:53	0.4	0.4	0.5
94	4/26/2011 7:54	0.4	0.4	0.5
95	4/26/2011 7:55	0.4	0.4	0.5
96	4/26/2011 7:56	0.4	0.4	0.5
97	4/26/2011 7:57	0.4	0.4	0.4
98	4/26/2011 7:58	0.4	0.4	0.5
99	4/26/2011 7:59	0.4	0.4	0.5
100	4/26/2011 8:00	0.4	0.4	0.5
101	4/26/2011 8:01	0.4	0.4	0.5
102	4/26/2011 8:02	0.4	0.4	0.5
103	4/26/2011 8:03	0.4	0.4	0.5
104	4/26/2011 8:04	0.4	0.4	0.5
105	4/26/2011 8:05	0.4	0.4	0.5
106	4/26/2011 8:06	0.4	0.4	0.5
107	4/26/2011 8:07	0.4	0.4	0.5
108	4/26/2011 8:08	0.4	0.4	0.5
109	4/26/2011 8:09	0.4	0.4	0.5
110	4/26/2011 8:10	0.4	0.4	0.5
111	4/26/2011 8:11	0.4	0.4	0.5
112	4/26/2011 8:12	0.4	0.4	0.5
113	4/26/2011 8:13	0.4	0.4	0.5
114	4/26/2011 8:14	0.4	0.4	0.5
115	4/26/2011 8:15	0.4	0.4	0.5
116	4/26/2011 8:16	0.4	0.4	0.5
117	4/26/2011 8:17	0.4	0.4	0.5
118	4/26/2011 8:18	0.4	0.4	0.5
119	4/26/2011 8:19	0.4	0.4	0.5
120	4/26/2011 8:20	0.4	0.4	0.5
121	4/26/2011 8:21	0.4	0.4	0.5
122	4/26/2011 8:22	0.4	0.4	0.5
123	4/26/2011 8:23	0.4	0.4	0.5
124	4/26/2011 8:24	0.4	0.4	0.5
125	4/26/2011 8:25	0.4	0.4	0.5
126	4/26/2011 8:26	0.4	0.4	0.5
127	4/26/2011 8:27	0.4	0.4	0.5

128	4/26/2011 8:28	0.4	0.4	0.5
129	4/26/2011 8:29	0.4	0.4	0.5
130	4/26/2011 8:30	0.4	0.4	0.5
131	4/26/2011 8:31	0.4	0.4	0.5
132	4/26/2011 8:32	0.4	0.4	0.5
133	4/26/2011 8:33	0.4	0.4	0.5
134	4/26/2011 8:34	0.4	0.4	0.5
135	4/26/2011 8:35	0.4	0.4	0.5
136	4/26/2011 8:36	0.4	0.4	0.5
137	4/26/2011 8:37	0.4	0.4	0.5
138	4/26/2011 8:38	0.4	0.4	0.5
139	4/26/2011 8:39	0.4	0.4	0.5
140	4/26/2011 8:40	0.4	0.4	0.5
141	4/26/2011 8:41	0.4	0.4	0.5
142	4/26/2011 8:42	0.4	0.4	0.5
143	4/26/2011 8:43	0.4	0.4	0.5
144	4/26/2011 8:44	0.4	0.4	0.5
145	4/26/2011 8:45	0.4	0.4	0.5
146	4/26/2011 8:46	0.4	0.4	0.5
147	4/26/2011 8:47	0.4	0.4	0.5
148	4/26/2011 8:48	0.4	0.4	0.4
149	4/26/2011 8:49	0.4	0.4	0.4
150	4/26/2011 8:50	0.4	0.4	0.4
151	4/26/2011 8:51	0.4	0.4	0.4
152	4/26/2011 8:52	0.4	0.4	0.5
153	4/26/2011 8:53	0.4	0.4	0.5
154	4/26/2011 8:54	0.3	0.3	0.4
155	4/26/2011 8:55	0.3	0.3	0.4
156	4/26/2011 8:56	0.3	0.3	0.3
157	4/26/2011 8:57	0.2	0.2	0.3
158	4/26/2011 8:58	0.2	0.2	0.3
159	4/26/2011 8:59	0.2	0.2	0.3
160	4/26/2011 9:00	0.2	0.2	0.3
161	4/26/2011 9:01	0.2	0.2	0.2
162	4/26/2011 9:02	0.2	0.2	0.2
163	4/26/2011 9:03	0.2	0.2	0.3
164	4/26/2011 9:04	0.2	0.2	0.3
165	4/26/2011 9:05	0.2	0.2	0.2
166	4/26/2011 9:06	0.2	0.2	0.2
167	4/26/2011 9:07	0.2	0.2	0.2
168	4/26/2011 9:08	0.2	0.2	0.2
169	4/26/2011 9:09	0.1	0.1	0.2
170	4/26/2011 9:10	0.1	0.1	0.2
171	4/26/2011 9:11	0.1	0.1	0.2
172	4/26/2011 9:12	0.1	0.1	0.2
173	4/26/2011 9:13	0.1	0.1	0.2
174	4/26/2011 9:14	0.1	0.1	0.2
175	4/26/2011 9:15	0.1	0.1	0.2
176	4/26/2011 9:16	0.1	0.1	0.2
177	4/26/2011 9:17	0.1	0.1	0.2
178	4/26/2011 9:18	0.1	0.1	0.2
179	4/26/2011 9:19	0.1	0.1	0.2
180	4/26/2011 9:20	0.1	0.1	0.2
181	4/26/2011 9:21	0.1	0.1	0.2
182	4/26/2011 9:22	0.1	0.1	0.2
183	4/26/2011 9:23	0.1	0.1	0.2
184	4/26/2011 9:24	0.1	0.1	0.2
185	4/26/2011 9:25	0.2	0.2	0.2
186	4/26/2011 9:26	0.1	0.1	0.2
187	4/26/2011 9:27	0.1	0.1	0.2
188	4/26/2011 9:28	0.2	0.2	0.2
189	4/26/2011 9:29	0.2	0.2	0.2
190	4/26/2011 9:30	0.2	0.2	0.2
191	4/26/2011 9:31	0.2	0.2	0.2
192	4/26/2011 9:32	0.2	0.2	0.2
193	4/26/2011 9:33	0.2	0.2	0.2
194	4/26/2011 9:34	0.2	0.2	0.2
195	4/26/2011 9:35	0.2	0.2	0.2
196	4/26/2011 9:36	0.1	0.1	0.2

197	4/26/2011 9:37	0.1	0.1	0.2
198	4/26/2011 9:38	0.2	0.2	0.2
199	4/26/2011 9:39	0.2	0.2	0.2
200	4/26/2011 9:40	0.1	0.1	0.2
201	4/26/2011 9:41	0.1	0.1	0.2
202	4/26/2011 9:42	0.1	0.1	0.2
203	4/26/2011 9:43	0.1	0.1	0.2
204	4/26/2011 9:44	0.1	0.1	0.2
205	4/26/2011 9:45	0.1	0.1	0.2
206	4/26/2011 9:46	0.1	0.1	0.2
207	4/26/2011 9:47	0.1	0.1	0.2
208	4/26/2011 9:48	0.1	0.1	0.2
209	4/26/2011 9:49	0.1	0.1	0.2
210	4/26/2011 9:50	0.1	0.1	0.2
211	4/26/2011 9:51	0.1	0.1	0.1
212	4/26/2011 9:52	0.1	0.1	0.1
213	4/26/2011 9:53	0.1	0.1	0.1
214	4/26/2011 9:54	0.1	0.1	0.1
215	4/26/2011 9:55	0.1	0.1	0.1
216	4/26/2011 9:56	0.1	0.1	0.1
217	4/26/2011 9:57	0.1	0.1	0.1
218	4/26/2011 9:58	0.1	0.1	0.1
219	4/26/2011 9:59	0.1	0.1	0.1
220	4/26/2011 10:00	0	0	0.1
221	4/26/2011 10:01	0.1	0.1	0.1
222	4/26/2011 10:02	0.1	0.1	0.1
223	4/26/2011 10:03	0.1	0.1	0.1
224	4/26/2011 10:04	0	0	0.1
225	4/26/2011 10:05	0	0	0.1
226	4/26/2011 10:06	0	0	0.1
227	4/26/2011 10:07	0	0	0.1
228	4/26/2011 10:08	0	0	0.3
229	4/26/2011 10:09	0	0	0.1
230	4/26/2011 10:10	0	0	0.1
231	4/26/2011 10:11	0	0	0.1
232	4/26/2011 10:12	0	0	0
233	4/26/2011 10:13	0	0	0
234	4/26/2011 10:14	0	0	0
235	4/26/2011 10:15	0	0	0
236	4/26/2011 10:16	0	0	0
237	4/26/2011 10:17	0	0	0
238	4/26/2011 10:18	0	0	0
239	4/26/2011 10:19	0	0	0
240	4/26/2011 10:20	0	0	0
241	4/26/2011 10:21	0	0	0
242	4/26/2011 10:22	0	0	0
243	4/26/2011 10:23	0	0	0
244	4/26/2011 10:24	0	0	0.1
245	4/26/2011 10:25	0	0	0.1
246	4/26/2011 10:26	0	0	0.1
247	4/26/2011 10:27	0	0	0.1
248	4/26/2011 10:28	0	0	0.1
249	4/26/2011 10:29	0	0	0.1
250	4/26/2011 10:30	0	0	0.1
251	4/26/2011 10:31	0	0	0.1
252	4/26/2011 10:32	0	0	0.1
253	4/26/2011 10:33	0	0	0.1
254	4/26/2011 10:34	0	0	0.1
255	4/26/2011 10:35	0	0	0.2
256	4/26/2011 10:36	0	0	0.1
257	4/26/2011 10:37	0	0	0.1
258	4/26/2011 10:38	0	0	0.1
259	4/26/2011 10:39	0	0	0
260	4/26/2011 10:40	0	0	0
261	4/26/2011 10:41	0	0	0.2
262	4/26/2011 10:42	0	0	0.1
263	4/26/2011 10:43	0	0	0.1
264	4/26/2011 10:44	0.1	0.1	0.1
265	4/26/2011 10:45	0.1	0.1	0.1

266	4/26/2011 10:46	0.1	0.1	0.1
267	4/26/2011 10:47	0.1	0.1	0.1
268	4/26/2011 10:48	0.1	0.1	0.1
269	4/26/2011 10:49	0.1	0.1	0.1
270	4/26/2011 10:50	0.1	0.1	0.1
271	4/26/2011 10:51	0.1	0.1	0.1
272	4/26/2011 10:52	0	0	0.1
273	4/26/2011 10:53	0.1	0.1	0.1
274	4/26/2011 10:54	0	0	0.1
275	4/26/2011 10:55	0	0	0.1
276	4/26/2011 10:56	0	0	0.1
277	4/26/2011 10:57	0	0	0.1
278	4/26/2011 10:58	0	0	0
279	4/26/2011 10:59	0	0	0.1
280	4/26/2011 11:00	0	0	0
281	4/26/2011 11:01	0	0	0
282	4/26/2011 11:02	0	0	0.3
283	4/26/2011 11:03	0	0	0
284	4/26/2011 11:04	0	0	0
285	4/26/2011 11:05	0	0	0
286	4/26/2011 11:06	0	0	0
287	4/26/2011 11:07	0	0	0
288	4/26/2011 11:08	0	0	0
289	4/26/2011 11:09	0	0	0
290	4/26/2011 11:10	0	0	0
291	4/26/2011 11:11	0	0	0
292	4/26/2011 11:12	0	0	0
293	4/26/2011 11:13	0	0	0
294	4/26/2011 11:14	0	0	0
295	4/26/2011 11:15	0	0	0
296	4/26/2011 11:16	0	0	0
297	4/26/2011 11:17	0	0	0
298	4/26/2011 11:18	0	0	0
299	4/26/2011 11:19	0	0	0
300	4/26/2011 11:20	0	0	0
301	4/26/2011 11:21	0	0	0
302	4/26/2011 11:22	0	0	0
303	4/26/2011 11:23	0	0	0
304	4/26/2011 11:24	0	0	0
305	4/26/2011 11:25	0	0	0
306	4/26/2011 11:26	0	0	0
307	4/26/2011 11:27	0	0	0
308	4/26/2011 11:28	0	0	0
309	4/26/2011 11:29	0	0	0
310	4/26/2011 11:30	0	0	0
311	4/26/2011 11:31	0	0	0
312	4/26/2011 11:32	0	0	0
313	4/26/2011 11:33	0	0	0
314	4/26/2011 11:34	0	0	0
315	4/26/2011 11:35	0	0	0
316	4/26/2011 11:36	0	0	0
317	4/26/2011 11:37	0	0	0
318	4/26/2011 11:38	0	0	0
319	4/26/2011 11:39	0	0	0
320	4/26/2011 11:40	0	0	0
321	4/26/2011 11:41	0	0	0
322	4/26/2011 11:42	0	0	0
323	4/26/2011 11:43	0	0	0
324	4/26/2011 11:44	0	0	0
325	4/26/2011 11:45	0	0	0
326	4/26/2011 11:46	0	0	0
327	4/26/2011 11:47	0	0	0
328	4/26/2011 11:48	0	0	0
329	4/26/2011 11:49	0	0	0
330	4/26/2011 11:50	0	0	0
331	4/26/2011 11:51	0	0	0
332	4/26/2011 11:52	0	0	0
333	4/26/2011 11:53	0	0	0
334	4/26/2011 11:54	0	0	0

335	4/26/2011 11:55	0	0	0
336	4/26/2011 11:56	0	0	0
337	4/26/2011 11:57	0	0	0
338	4/26/2011 11:58	0	0	0
339	4/26/2011 11:59	0	0	0
340	4/26/2011 12:00	0	0	0
341	4/26/2011 12:01	0	0	0
342	4/26/2011 12:02	0	0	0
343	4/26/2011 12:03	0	0	0
344	4/26/2011 12:04	0	0	0
345	4/26/2011 12:05	0	0	0
346	4/26/2011 12:06	0	0	0
347	4/26/2011 12:07	0	0	0
348	4/26/2011 12:08	0	0	0
349	4/26/2011 12:09	0	0	0
350	4/26/2011 12:10	0	0	0
351	4/26/2011 12:11	0	0	0
352	4/26/2011 12:12	0	0	0
353	4/26/2011 12:13	0	0	0
354	4/26/2011 12:14	0	0	0
355	4/26/2011 12:15	0	0	0
356	4/26/2011 12:16	0	0	0
357	4/26/2011 12:17	0	0	0
358	4/26/2011 12:18	0	0	0
359	4/26/2011 12:19	0	0	0
360	4/26/2011 12:20	0	0	0
361	4/26/2011 12:21	0	0	0
362	4/26/2011 12:22	0	0	0
363	4/26/2011 12:23	0	0	0
364	4/26/2011 12:24	0	0	0
365	4/26/2011 12:25	0	0	0
366	4/26/2011 12:26	0	0	0
367	4/26/2011 12:27	0	0	0
368	4/26/2011 12:28	0	0	0
369	4/26/2011 12:29	0	0	0
370	4/26/2011 12:30	0	0	0
371	4/26/2011 12:31	0	0	0
372	4/26/2011 12:32	0	0	0
373	4/26/2011 12:33	0	0	0
374	4/26/2011 12:34	0	0	0
375	4/26/2011 12:35	0	0	0
376	4/26/2011 12:36	0	0	0
377	4/26/2011 12:37	0	0	0
378	4/26/2011 12:38	0	0	0
379	4/26/2011 12:39	0	0	0
380	4/26/2011 12:40	0	0	0
381	4/26/2011 12:41	0	0	0
382	4/26/2011 12:42	0	0	0
383	4/26/2011 12:43	0	0	0
384	4/26/2011 12:44	0	0	0
385	4/26/2011 12:45	0	0	0
386	4/26/2011 12:46	0	0	0
387	4/26/2011 12:47	0	0	0
388	4/26/2011 12:48	0	0	0
389	4/26/2011 12:49	0	0	0
390	4/26/2011 12:50	0	0	0
391	4/26/2011 12:51	0	0	0
392	4/26/2011 12:52	0	0	0
393	4/26/2011 12:53	0	0	0
394	4/26/2011 12:54	0	0	0
395	4/26/2011 12:55	0	0	0
396	4/26/2011 12:56	0	0	0
397	4/26/2011 12:57	0	0	0
398	4/26/2011 12:58	0	0	0
399	4/26/2011 12:59	0	0	0
400	4/26/2011 13:00	0	0	0
401	4/26/2011 13:01	0	0	0
402	4/26/2011 13:02	0	0	0
403	4/26/2011 13:03	0	0	0

404	4/26/2011 13:04	0	0	0
405	4/26/2011 13:05	0	0	0
406	4/26/2011 13:06	0	0	0
407	4/26/2011 13:07	0	0	0
408	4/26/2011 13:08	0	0	0
409	4/26/2011 13:09	0	0	0
410	4/26/2011 13:10	0	0	0
411	4/26/2011 13:11	0	0	0
412	4/26/2011 13:12	0	0	0
413	4/26/2011 13:13	0	0	0
414	4/26/2011 13:14	0	0	0
415	4/26/2011 13:15	0	0	0
416	4/26/2011 13:16	0	0	0
417	4/26/2011 13:17	0	0	0
418	4/26/2011 13:18	0	0	0
419	4/26/2011 13:19	0	0	0
420	4/26/2011 13:20	0	0	0
421	4/26/2011 13:21	0	0	0
422	4/26/2011 13:22	0	0	0
423	4/26/2011 13:23	0	0	0
424	4/26/2011 13:24	0	0	0
425	4/26/2011 13:25	0	0	0
426	4/26/2011 13:26	0	0	0
427	4/26/2011 13:27	0	0	0
428	4/26/2011 13:28	0	0	0
429	4/26/2011 13:29	0	0	0
430	4/26/2011 13:30	0	0	0
431	4/26/2011 13:31	0	0	0
432	4/26/2011 13:32	0	0	0
433	4/26/2011 13:33	0	0	0
434	4/26/2011 13:34	0	0	0
435	4/26/2011 13:35	0	0	0
436	4/26/2011 13:36	0	0	0
437	4/26/2011 13:37	0	0	0
438	4/26/2011 13:38	0	0	0
439	4/26/2011 13:39	0	0	0
440	4/26/2011 13:40	0	0	0
441	4/26/2011 13:41	0	0	0
442	4/26/2011 13:42	0	0	0
443	4/26/2011 13:43	0	0	0
444	4/26/2011 13:44	0	0	0
445	4/26/2011 13:45	0	0	0
446	4/26/2011 13:46	0	0	0
447	4/26/2011 13:47	0	0	0
448	4/26/2011 13:48	0	0	0
449	4/26/2011 13:49	0	0	0
450	4/26/2011 13:50	0	0	0
451	4/26/2011 13:51	0	0	0
452	4/26/2011 13:52	0	0	0
453	4/26/2011 13:53	0	0	0
454	4/26/2011 13:54	0	0	0
455	4/26/2011 13:55	0	0	0
456	4/26/2011 13:56	0	0	0
457	4/26/2011 13:57	0	0	0
458	4/26/2011 13:58	0	0	0
459	4/26/2011 13:59	0	0	0
460	4/26/2011 14:00	0	0	0
461	4/26/2011 14:01	0	0	0
462	4/26/2011 14:02	0	0	0
463	4/26/2011 14:03	0	0	0
464	4/26/2011 14:04	0	0	0
465	4/26/2011 14:05	0	0	0
466	4/26/2011 14:06	0	0	0
467	4/26/2011 14:07	0	0	0
468	4/26/2011 14:08	0	0	0
469	4/26/2011 14:09	0	0	0
470	4/26/2011 14:10	0	0	0
471	4/26/2011 14:11	0	0	0
472	4/26/2011 14:12	0	0	0

473	4/26/2011 14:13	0	0	0
474	4/26/2011 14:14	0	0	0
475	4/26/2011 14:15	0	0	0
476	4/26/2011 14:16	0	0	0
477	4/26/2011 14:17	0	0	0
478	4/26/2011 14:18	0	0	0
479	4/26/2011 14:19	0	0	0
480	4/26/2011 14:20	0	0	0
481	4/26/2011 14:21	0	0	0
482	4/26/2011 14:22	0	0	0
483	4/26/2011 14:23	0	0	0
484	4/26/2011 14:24	0	0	0
485	4/26/2011 14:25	0	0	0
486	4/26/2011 14:26	0	0	0
487	4/26/2011 14:27	0	0	0
488	4/26/2011 14:28	0	0	0
489	4/26/2011 14:29	0	0	0
490	4/26/2011 14:30	0	0	0
491	4/26/2011 14:31	0	0	0
492	4/26/2011 14:32	0	0	0
493	4/26/2011 14:33	0	0	0
494	4/26/2011 14:34	0	0	0
495	4/26/2011 14:35	0	0	0
496	4/26/2011 14:36	0	0	0
497	4/26/2011 14:37	0	0	0
498	4/26/2011 14:38	0	0	0
499	4/26/2011 14:39	0	0	0
500	4/26/2011 14:40	0	0	0
501	4/26/2011 14:41	0	0	0
502	4/26/2011 14:42	0	0	0
503	4/26/2011 14:43	0	0	0
504	4/26/2011 14:44	0	0	0
505	4/26/2011 14:45	0	0	0
506	4/26/2011 14:46	0	0	0
507	4/26/2011 14:47	0	0	0
508	4/26/2011 14:48	0	0	0
509	4/26/2011 14:49	0	0	0
510	4/26/2011 14:50	0	0	0
511	4/26/2011 14:51	0	0	0
512	4/26/2011 14:52	0	0	0
513	4/26/2011 14:53	0	0	0
514	4/26/2011 14:54	0	0	0
515	4/26/2011 14:55	0	0	0
516	4/26/2011 14:56	0	0	0
517	4/26/2011 14:57	0	0	0
518	4/26/2011 14:58	0	0	0
519	4/26/2011 14:59	0	0	0
520	4/26/2011 15:00	0	0	0
521	4/26/2011 15:01	0	0	0
522	4/26/2011 15:02	0	0	0
523	4/26/2011 15:03	0	0	0
524	4/26/2011 15:04	0	0	0
525	4/26/2011 15:05	0	0	0
526	4/26/2011 15:06	0	0	0
527	4/26/2011 15:07	0	0	0
528	4/26/2011 15:08	0	0	0
529	4/26/2011 15:09	0	0	0
530	4/26/2011 15:10	0	0	0
531	4/26/2011 15:11	0	0	0
532	4/26/2011 15:12	0	0	0
533	4/26/2011 15:13	0	0	0
534	4/26/2011 15:14	0	0	0
535	4/26/2011 15:15	0	0	0
536	4/26/2011 15:16	0	0	0
537	4/26/2011 15:17	0	0	0
538	4/26/2011 15:18	0	0	0
539	4/26/2011 15:19	0	0	0
540	4/26/2011 15:20	0	0	0
541	4/26/2011 15:21	0	0	0

542	4/26/2011 15:22	0	0	0
543	4/26/2011 15:23	0	0	0
544	4/26/2011 15:24	0	0	0
545	4/26/2011 15:25	0	0	0
546	4/26/2011 15:26	0	0	0
547	4/26/2011 15:27	0	0	0
548	4/26/2011 15:28	0	0	0
549	4/26/2011 15:29	0	0	0
550	4/26/2011 15:30	0	0	0
551	4/26/2011 15:31	0	0	0
552	4/26/2011 15:32	0	0	0
553	4/26/2011 15:33	0	0	0
554	4/26/2011 15:34	0	0	0
555	4/26/2011 15:35	0	0	0
556	4/26/2011 15:36	0	0	0
557	4/26/2011 15:37	0	0	0
558	4/26/2011 15:38	0	0	0
559	4/26/2011 15:39	0	0	0
560	4/26/2011 15:40	0	0	0
561	4/26/2011 15:41	0	0	0
562	4/26/2011 15:42	0	0	0
563	4/26/2011 15:43	0	0	0
564	4/26/2011 15:44	0	0	0
565	4/26/2011 15:45	0	0	0
566	4/26/2011 15:46	0	0	0
567	4/26/2011 15:47	0	0	0
568	4/26/2011 15:48	0	0	0
569	4/26/2011 15:49	0	0	0
570	4/26/2011 15:50	0	0	0
571	4/26/2011 15:51	0	0	0
572	4/26/2011 15:52	0	0	0
573	4/26/2011 15:53	0	0	0
574	4/26/2011 15:54	0	0	0
575	4/26/2011 15:55	0	0	0
576	4/26/2011 15:56	0	0	0
577	4/26/2011 15:57	0	0	0
578	4/26/2011 15:58	0	0	0

=====Event #23 information (begin)=====

=====Event #23 name:]-[Event #23]2011-04-26 03:35-->2011-04-26 13:12
[Event start time:]-2011-04-26 03:35:40[Event end time:]-2011-04-26 13:12:40

=====Event #23 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905367

Data Points: 577 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====Sensor Information : PID(ppb)=====

Measurement Gas : Isobutene

Calibration Time : 2011-04-26 03:34:00

Drift Value : ---

Low Alarm Levels : 21738

High Alarm Levels : 43476

Span Value : 100000

Correction Factor : 1.00

Over Alarm Levels : 15000000

=====Event #23 data informations=====

LINE#	Date/Time	PID(ppb)	PID(ppm)
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1	4/26/2011 3:36	0	0
2	4/26/2011 3:37	14991	14.991
3	4/26/2011 3:38	1	0.001
4	4/26/2011 3:39	0	0
5	4/26/2011 3:40	0	0
6	4/26/2011 3:41	0	0
7	4/26/2011 3:42	0	0
8	4/26/2011 3:43	0	0
9	4/26/2011 3:44	0	0
10	4/26/2011 3:45	0	0
11	4/26/2011 3:46	0	0
12	4/26/2011 3:47	0	0
13	4/26/2011 3:48	0	0
14	4/26/2011 3:49	0	0
15	4/26/2011 3:50	0	0
16	4/26/2011 3:51	0	0
17	4/26/2011 3:52	0	0
18	4/26/2011 3:53	0	0
19	4/26/2011 3:54	0	0
20	4/26/2011 3:55	0	0
21	4/26/2011 3:56	0	0
22	4/26/2011 3:57	0	0
23	4/26/2011 3:58	0	0
24	4/26/2011 3:59	0	0
25	4/26/2011 4:00	0	0
26	4/26/2011 4:01	0	0
27	4/26/2011 4:02	0	0
28	4/26/2011 4:03	0	0
29	4/26/2011 4:04	0	0
30	4/26/2011 4:05	0	0
31	4/26/2011 4:06	0	0
32	4/26/2011 4:07	0	0
33	4/26/2011 4:08	0	0
34	4/26/2011 4:09	0	0
35	4/26/2011 4:10	0	0
36	4/26/2011 4:11	0	0
37	4/26/2011 4:12	0	0
38	4/26/2011 4:13	0	0
39	4/26/2011 4:14	0	0
40	4/26/2011 4:15	0	0
41	4/26/2011 4:16	0	0
42	4/26/2011 4:17	0	0
43	4/26/2011 4:18	0	0
44	4/26/2011 4:19	0	0
45	4/26/2011 4:20	0	0
46	4/26/2011 4:21	0	0
47	4/26/2011 4:22	0	0
48	4/26/2011 4:23	0	0

49	4/26/2011 4:24	0	0
50	4/26/2011 4:25	0	0
51	4/26/2011 4:26	0	0
52	4/26/2011 4:27	0	0
53	4/26/2011 4:28	0	0
54	4/26/2011 4:29	0	0
55	4/26/2011 4:30	0	0
56	4/26/2011 4:31	0	0
57	4/26/2011 4:32	0	0
58	4/26/2011 4:33	0	0
59	4/26/2011 4:34	0	0
60	4/26/2011 4:35	0	0
61	4/26/2011 4:36	0	0
62	4/26/2011 4:37	0	0
63	4/26/2011 4:38	0	0
64	4/26/2011 4:39	0	0
65	4/26/2011 4:40	0	0
66	4/26/2011 4:41	0	0
67	4/26/2011 4:42	0	0
68	4/26/2011 4:43	0	0
69	4/26/2011 4:44	0	0
70	4/26/2011 4:45	0	0
71	4/26/2011 4:46	0	0
72	4/26/2011 4:47	0	0
73	4/26/2011 4:48	0	0
74	4/26/2011 4:49	0	0
75	4/26/2011 4:50	0	0
76	4/26/2011 4:51	0	0
77	4/26/2011 4:52	0	0
78	4/26/2011 4:53	0	0
79	4/26/2011 4:54	0	0
80	4/26/2011 4:55	0	0
81	4/26/2011 4:56	0	0
82	4/26/2011 4:57	0	0
83	4/26/2011 4:58	0	0
84	4/26/2011 4:59	0	0
85	4/26/2011 5:00	0	0
86	4/26/2011 5:01	0	0
87	4/26/2011 5:02	0	0
88	4/26/2011 5:03	0	0
89	4/26/2011 5:04	0	0
90	4/26/2011 5:05	0	0
91	4/26/2011 5:06	0	0
92	4/26/2011 5:07	0	0
93	4/26/2011 5:08	0	0
94	4/26/2011 5:09	0	0
95	4/26/2011 5:10	0	0
96	4/26/2011 5:11	0	0
97	4/26/2011 5:12	0	0
98	4/26/2011 5:13	0	0
99	4/26/2011 5:14	0	0
100	4/26/2011 5:15	0	0
101	4/26/2011 5:16	0	0
102	4/26/2011 5:17	0	0
103	4/26/2011 5:18	0	0
104	4/26/2011 5:19	0	0
105	4/26/2011 5:20	0	0
106	4/26/2011 5:21	0	0
107	4/26/2011 5:22	0	0
108	4/26/2011 5:23	0	0
109	4/26/2011 5:24	0	0
110	4/26/2011 5:25	0	0
111	4/26/2011 5:26	0	0
112	4/26/2011 5:27	0	0
113	4/26/2011 5:28	0	0
114	4/26/2011 5:29	0	0
115	4/26/2011 5:30	0	0
116	4/26/2011 5:31	0	0
117	4/26/2011 5:32	0	0

118	4/26/2011 5:33	0	0
119	4/26/2011 5:34	0	0
120	4/26/2011 5:35	0	0
121	4/26/2011 5:36	0	0
122	4/26/2011 5:37	0	0
123	4/26/2011 5:38	0	0
124	4/26/2011 5:39	0	0
125	4/26/2011 5:40	0	0
126	4/26/2011 5:41	0	0
127	4/26/2011 5:42	0	0
128	4/26/2011 5:43	0	0
129	4/26/2011 5:44	0	0
130	4/26/2011 5:45	0	0
131	4/26/2011 5:46	0	0
132	4/26/2011 5:47	0	0
133	4/26/2011 5:48	0	0
134	4/26/2011 5:49	0	0
135	4/26/2011 5:50	0	0
136	4/26/2011 5:51	0	0
137	4/26/2011 5:52	0	0
138	4/26/2011 5:53	0	0
139	4/26/2011 5:54	0	0
140	4/26/2011 5:55	0	0
141	4/26/2011 5:56	0	0
142	4/26/2011 5:57	0	0
143	4/26/2011 5:58	0	0
144	4/26/2011 5:59	0	0
145	4/26/2011 6:00	0	0
146	4/26/2011 6:01	0	0
147	4/26/2011 6:02	0	0
148	4/26/2011 6:03	0	0
149	4/26/2011 6:04	0	0
150	4/26/2011 6:05	0	0
151	4/26/2011 6:06	0	0
152	4/26/2011 6:07	0	0
153	4/26/2011 6:08	0	0
154	4/26/2011 6:09	0	0
155	4/26/2011 6:10	0	0
156	4/26/2011 6:11	0	0
157	4/26/2011 6:12	0	0
158	4/26/2011 6:13	0	0
159	4/26/2011 6:14	0	0
160	4/26/2011 6:15	0	0
161	4/26/2011 6:16	0	0
162	4/26/2011 6:17	0	0
163	4/26/2011 6:18	0	0
164	4/26/2011 6:19	0	0
165	4/26/2011 6:20	0	0
166	4/26/2011 6:21	0	0
167	4/26/2011 6:22	0	0
168	4/26/2011 6:23	0	0
169	4/26/2011 6:24	0	0
170	4/26/2011 6:25	0	0
171	4/26/2011 6:26	0	0
172	4/26/2011 6:27	0	0
173	4/26/2011 6:28	0	0
174	4/26/2011 6:29	0	0
175	4/26/2011 6:30	0	0
176	4/26/2011 6:31	0	0
177	4/26/2011 6:32	0	0
178	4/26/2011 6:33	0	0
179	4/26/2011 6:34	0	0
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181	4/26/2011 6:36	0	0
182	4/26/2011 6:37	0	0
183	4/26/2011 6:38	0	0
184	4/26/2011 6:39	0	0
185	4/26/2011 6:40	0	0
186	4/26/2011 6:41	0	0

187	4/26/2011 6:42	0	0
188	4/26/2011 6:43	0	0
189	4/26/2011 6:44	0	0
190	4/26/2011 6:45	0	0
191	4/26/2011 6:46	0	0
192	4/26/2011 6:47	0	0
193	4/26/2011 6:48	0	0
194	4/26/2011 6:49	0	0
195	4/26/2011 6:50	0	0
196	4/26/2011 6:51	0	0
197	4/26/2011 6:52	0	0
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199	4/26/2011 6:54	0	0
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201	4/26/2011 6:56	0	0
202	4/26/2011 6:57	0	0
203	4/26/2011 6:58	0	0
204	4/26/2011 6:59	0	0
205	4/26/2011 7:00	0	0
206	4/26/2011 7:01	0	0
207	4/26/2011 7:02	0	0
208	4/26/2011 7:03	0	0
209	4/26/2011 7:04	0	0
210	4/26/2011 7:05	0	0
211	4/26/2011 7:06	0	0
212	4/26/2011 7:07	0	0
213	4/26/2011 7:08	0	0
214	4/26/2011 7:09	0	0
215	4/26/2011 7:10	0	0
216	4/26/2011 7:11	0	0
217	4/26/2011 7:12	0	0
218	4/26/2011 7:13	0	0
219	4/26/2011 7:14	0	0
220	4/26/2011 7:15	0	0
221	4/26/2011 7:16	0	0
222	4/26/2011 7:17	0	0
223	4/26/2011 7:18	0	0
224	4/26/2011 7:19	0	0
225	4/26/2011 7:20	0	0
226	4/26/2011 7:21	0	0
227	4/26/2011 7:22	0	0
228	4/26/2011 7:23	0	0
229	4/26/2011 7:24	0	0
230	4/26/2011 7:25	0	0
231	4/26/2011 7:26	0	0
232	4/26/2011 7:27	0	0
233	4/26/2011 7:28	0	0
234	4/26/2011 7:29	0	0
235	4/26/2011 7:30	0	0
236	4/26/2011 7:31	0	0
237	4/26/2011 7:32	0	0
238	4/26/2011 7:33	0	0
239	4/26/2011 7:34	0	0
240	4/26/2011 7:35	0	0
241	4/26/2011 7:36	0	0
242	4/26/2011 7:37	0	0
243	4/26/2011 7:38	0	0
244	4/26/2011 7:39	0	0
245	4/26/2011 7:40	0	0
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250	4/26/2011 7:45	0	0
251	4/26/2011 7:46	0	0
252	4/26/2011 7:47	0	0
253	4/26/2011 7:48	0	0
254	4/26/2011 7:49	0	0
255	4/26/2011 7:50	0	0

256	4/26/2011 7:51	0	0
257	4/26/2011 7:52	0	0
258	4/26/2011 7:53	0	0
259	4/26/2011 7:54	0	0
260	4/26/2011 7:55	0	0
261	4/26/2011 7:56	0	0
262	4/26/2011 7:57	0	0
263	4/26/2011 7:58	0	0
264	4/26/2011 7:59	0	0
265	4/26/2011 8:00	0	0
266	4/26/2011 8:01	0	0
267	4/26/2011 8:02	0	0
268	4/26/2011 8:03	0	0
269	4/26/2011 8:04	0	0
270	4/26/2011 8:05	0	0
271	4/26/2011 8:06	0	0
272	4/26/2011 8:07	0	0
273	4/26/2011 8:08	0	0
274	4/26/2011 8:09	0	0
275	4/26/2011 8:10	0	0
276	4/26/2011 8:11	0	0
277	4/26/2011 8:12	0	0
278	4/26/2011 8:13	0	0
279	4/26/2011 8:14	0	0
280	4/26/2011 8:15	0	0
281	4/26/2011 8:16	0	0
282	4/26/2011 8:17	0	0
283	4/26/2011 8:18	0	0
284	4/26/2011 8:19	0	0
285	4/26/2011 8:20	0	0
286	4/26/2011 8:21	0	0
287	4/26/2011 8:22	0	0
288	4/26/2011 8:23	0	0
289	4/26/2011 8:24	0	0
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293	4/26/2011 8:28	0	0
294	4/26/2011 8:29	0	0
295	4/26/2011 8:30	0	0
296	4/26/2011 8:31	0	0
297	4/26/2011 8:32	0	0
298	4/26/2011 8:33	0	0
299	4/26/2011 8:34	0	0
300	4/26/2011 8:35	0	0
301	4/26/2011 8:36	0	0
302	4/26/2011 8:37	0	0
303	4/26/2011 8:38	0	0
304	4/26/2011 8:39	0	0
305	4/26/2011 8:40	0	0
306	4/26/2011 8:41	0	0
307	4/26/2011 8:42	0	0
308	4/26/2011 8:43	0	0
309	4/26/2011 8:44	0	0
310	4/26/2011 8:45	0	0
311	4/26/2011 8:46	0	0
312	4/26/2011 8:47	0	0
313	4/26/2011 8:48	0	0
314	4/26/2011 8:49	0	0
315	4/26/2011 8:50	0	0
316	4/26/2011 8:51	0	0
317	4/26/2011 8:52	0	0
318	4/26/2011 8:53	0	0
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320	4/26/2011 8:55	0	0
321	4/26/2011 8:56	0	0
322	4/26/2011 8:57	0	0
323	4/26/2011 8:58	0	0
324	4/26/2011 8:59	0	0

325	4/26/2011 9:00	0	0
326	4/26/2011 9:01	0	0
327	4/26/2011 9:02	0	0
328	4/26/2011 9:03	0	0
329	4/26/2011 9:04	0	0
330	4/26/2011 9:05	0	0
331	4/26/2011 9:06	0	0
332	4/26/2011 9:07	0	0
333	4/26/2011 9:08	0	0
334	4/26/2011 9:09	0	0
335	4/26/2011 9:10	0	0
336	4/26/2011 9:11	0	0
337	4/26/2011 9:12	0	0
338	4/26/2011 9:13	0	0
339	4/26/2011 9:14	0	0
340	4/26/2011 9:15	0	0
341	4/26/2011 9:16	0	0
342	4/26/2011 9:17	0	0
343	4/26/2011 9:18	0	0
344	4/26/2011 9:19	0	0
345	4/26/2011 9:20	0	0
346	4/26/2011 9:21	0	0
347	4/26/2011 9:22	0	0
348	4/26/2011 9:23	0	0
349	4/26/2011 9:24	0	0
350	4/26/2011 9:25	0	0
351	4/26/2011 9:26	0	0
352	4/26/2011 9:27	0	0
353	4/26/2011 9:28	668	0.668
354	4/26/2011 9:29	0	0
355	4/26/2011 9:30	0	0
356	4/26/2011 9:31	0	0
357	4/26/2011 9:32	0	0
358	4/26/2011 9:33	0	0
359	4/26/2011 9:34	0	0
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361	4/26/2011 9:36	0	0
362	4/26/2011 9:37	0	0
363	4/26/2011 9:38	0	0
364	4/26/2011 9:39	0	0
365	4/26/2011 9:40	0	0
366	4/26/2011 9:41	0	0
367	4/26/2011 9:42	0	0
368	4/26/2011 9:43	0	0
369	4/26/2011 9:44	0	0
370	4/26/2011 9:45	0	0
371	4/26/2011 9:46	0	0
372	4/26/2011 9:47	0	0
373	4/26/2011 9:48	0	0
374	4/26/2011 9:49	0	0
375	4/26/2011 9:50	0	0
376	4/26/2011 9:51	0	0
377	4/26/2011 9:52	0	0
378	4/26/2011 9:53	0	0
379	4/26/2011 9:54	0	0
380	4/26/2011 9:55	0	0
381	4/26/2011 9:56	0	0
382	4/26/2011 9:57	0	0
383	4/26/2011 9:58	0	0
384	4/26/2011 9:59	0	0
385	4/26/2011 10:00	0	0
386	4/26/2011 10:01	0	0
387	4/26/2011 10:02	0	0
388	4/26/2011 10:03	0	0
389	4/26/2011 10:04	0	0
390	4/26/2011 10:05	0	0
391	4/26/2011 10:06	0	0
392	4/26/2011 10:07	0	0
393	4/26/2011 10:08	0	0

394	4/26/2011 10:09	0	0
395	4/26/2011 10:10	0	0
396	4/26/2011 10:11	0	0
397	4/26/2011 10:12	0	0
398	4/26/2011 10:13	0	0
399	4/26/2011 10:14	0	0
400	4/26/2011 10:15	0	0
401	4/26/2011 10:16	0	0
402	4/26/2011 10:17	0	0
403	4/26/2011 10:18	0	0
404	4/26/2011 10:19	0	0
405	4/26/2011 10:20	0	0
406	4/26/2011 10:21	0	0
407	4/26/2011 10:22	0	0
408	4/26/2011 10:23	0	0
409	4/26/2011 10:24	0	0
410	4/26/2011 10:25	0	0
411	4/26/2011 10:26	0	0
412	4/26/2011 10:27	0	0
413	4/26/2011 10:28	0	0
414	4/26/2011 10:29	0	0
415	4/26/2011 10:30	0	0
416	4/26/2011 10:31	0	0
417	4/26/2011 10:32	0	0
418	4/26/2011 10:33	0	0
419	4/26/2011 10:34	0	0
420	4/26/2011 10:35	0	0
421	4/26/2011 10:36	0	0
422	4/26/2011 10:37	0	0
423	4/26/2011 10:38	0	0
424	4/26/2011 10:39	0	0
425	4/26/2011 10:40	0	0
426	4/26/2011 10:41	0	0
427	4/26/2011 10:42	0	0
428	4/26/2011 10:43	0	0
429	4/26/2011 10:44	0	0
430	4/26/2011 10:45	0	0
431	4/26/2011 10:46	0	0
432	4/26/2011 10:47	0	0
433	4/26/2011 10:48	0	0
434	4/26/2011 10:49	0	0
435	4/26/2011 10:50	0	0
436	4/26/2011 10:51	0	0
437	4/26/2011 10:52	0	0
438	4/26/2011 10:53	0	0
439	4/26/2011 10:54	0	0
440	4/26/2011 10:55	0	0
441	4/26/2011 10:56	0	0
442	4/26/2011 10:57	0	0
443	4/26/2011 10:58	0	0
444	4/26/2011 10:59	0	0
445	4/26/2011 11:00	0	0
446	4/26/2011 11:01	0	0
447	4/26/2011 11:02	0	0
448	4/26/2011 11:03	0	0
449	4/26/2011 11:04	0	0
450	4/26/2011 11:05	0	0
451	4/26/2011 11:06	0	0
452	4/26/2011 11:07	0	0
453	4/26/2011 11:08	0	0
454	4/26/2011 11:09	0	0
455	4/26/2011 11:10	0	0
456	4/26/2011 11:11	0	0
457	4/26/2011 11:12	0	0
458	4/26/2011 11:13	0	0
459	4/26/2011 11:14	0	0
460	4/26/2011 11:15	0	0
461	4/26/2011 11:16	0	0
462	4/26/2011 11:17	0	0

463	4/26/2011 11:18	0	0
464	4/26/2011 11:19	0	0
465	4/26/2011 11:20	0	0
466	4/26/2011 11:21	0	0
467	4/26/2011 11:22	0	0
468	4/26/2011 11:23	0	0
469	4/26/2011 11:24	0	0
470	4/26/2011 11:25	0	0
471	4/26/2011 11:26	0	0
472	4/26/2011 11:27	0	0
473	4/26/2011 11:28	0	0
474	4/26/2011 11:29	0	0
475	4/26/2011 11:30	0	0
476	4/26/2011 11:31	0	0
477	4/26/2011 11:32	0	0
478	4/26/2011 11:33	0	0
479	4/26/2011 11:34	0	0
480	4/26/2011 11:35	0	0
481	4/26/2011 11:36	0	0
482	4/26/2011 11:37	0	0
483	4/26/2011 11:38	0	0
484	4/26/2011 11:39	0	0
485	4/26/2011 11:40	0	0
486	4/26/2011 11:41	0	0
487	4/26/2011 11:42	0	0
488	4/26/2011 11:43	0	0
489	4/26/2011 11:44	0	0
490	4/26/2011 11:45	0	0
491	4/26/2011 11:46	0	0
492	4/26/2011 11:47	0	0
493	4/26/2011 11:48	0	0
494	4/26/2011 11:49	0	0
495	4/26/2011 11:50	0	0
496	4/26/2011 11:51	0	0
497	4/26/2011 11:52	1	0.001
498	4/26/2011 11:53	0	0
499	4/26/2011 11:54	0	0
500	4/26/2011 11:55	4	0.004
501	4/26/2011 11:56	0	0
502	4/26/2011 11:57	0	0
503	4/26/2011 11:58	0	0
504	4/26/2011 11:59	0	0
505	4/26/2011 12:00	2	0.002
506	4/26/2011 12:01	0	0
507	4/26/2011 12:02	0	0
508	4/26/2011 12:03	0	0
509	4/26/2011 12:04	0	0
510	4/26/2011 12:05	0	0
511	4/26/2011 12:06	0	0
512	4/26/2011 12:07	1	0.001
513	4/26/2011 12:08	0	0
514	4/26/2011 12:09	0	0
515	4/26/2011 12:10	0	0
516	4/26/2011 12:11	0	0
517	4/26/2011 12:12	0	0
518	4/26/2011 12:13	0	0
519	4/26/2011 12:14	0	0
520	4/26/2011 12:15	0	0
521	4/26/2011 12:16	0	0
522	4/26/2011 12:17	0	0
523	4/26/2011 12:18	0	0
524	4/26/2011 12:19	0	0
525	4/26/2011 12:20	0	0
526	4/26/2011 12:21	0	0
527	4/26/2011 12:22	0	0
528	4/26/2011 12:23	0	0
529	4/26/2011 12:24	0	0
530	4/26/2011 12:25	0	0
531	4/26/2011 12:26	0	0

532	4/26/2011 12:27	0	0
533	4/26/2011 12:28	0	0
534	4/26/2011 12:29	0	0
535	4/26/2011 12:30	0	0
536	4/26/2011 12:31	0	0
537	4/26/2011 12:32	0	0
538	4/26/2011 12:33	0	0
539	4/26/2011 12:34	0	0
540	4/26/2011 12:35	0	0
541	4/26/2011 12:36	0	0
542	4/26/2011 12:37	0	0
543	4/26/2011 12:38	0	0
544	4/26/2011 12:39	1	0.001
545	4/26/2011 12:40	0	0
546	4/26/2011 12:41	0	0
547	4/26/2011 12:42	0	0
548	4/26/2011 12:43	0	0
549	4/26/2011 12:44	0	0
550	4/26/2011 12:45	0	0
551	4/26/2011 12:46	0	0
552	4/26/2011 12:47	0	0
553	4/26/2011 12:48	0	0
554	4/26/2011 12:49	0	0
555	4/26/2011 12:50	0	0
556	4/26/2011 12:51	0	0
557	4/26/2011 12:52	0	0
558	4/26/2011 12:53	0	0
559	4/26/2011 12:54	0	0
560	4/26/2011 12:55	0	0
561	4/26/2011 12:56	0	0
562	4/26/2011 12:57	0	0
563	4/26/2011 12:58	0	0
564	4/26/2011 12:59	0	0
565	4/26/2011 13:00	0	0
566	4/26/2011 13:01	0	0
567	4/26/2011 13:02	0	0
568	4/26/2011 13:03	0	0
569	4/26/2011 13:04	0	0
570	4/26/2011 13:05	0	0
571	4/26/2011 13:06	0	0
572	4/26/2011 13:07	0	0
573	4/26/2011 13:08	0	0
574	4/26/2011 13:09	0	0
575	4/26/2011 13:10	0	0
576	4/26/2011 13:11	0	0
577	4/26/2011 13:12	0	0

=====Event #23 information (end)=====

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530110314
 Firmware Version 2.7
 Calibration Date 1/17/2011
 Test Name MANUAL_007
 Test Start Time 7:54:50 AM
 Test Start Date 4/26/2011
 Test Length [D:H:M] 0:09:04
 Test Interval [M:S] 1:00
 Mass Average [mg/m³] 0.043
 Mass Minimum [mg/m³] 0.018
 Mass Maximum [mg/m³] 0.15
 Mass TWA [mg/m³] 0.046
 Photometric User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 544

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
60	0.073		
120	0.058		
180	0.061		
240	0.057		
300	0.082		
360	0.072		
420	0.062		
480	0.06		
540	0.061		
600	0.066		
660	0.068		
720	0.074		
780	0.064		
840	0.061		
900	0.059		
960	0.065		
1020	0.065		
1080	0.06		
1140	0.058		
1200	0.057		
1260	0.058		
1320	0.102		
1380	0.074		
1440	0.062		
1500	0.066		
1560	0.075		
1620	0.085		
1680	0.077		
1740	0.094		
1800	0.097		
1860	0.08		
1920	0.093		
1980	0.097		
2040	0.074		
2100	0.066		
2160	0.101		
2220	0.071		
2280	0.089		
2340	0.068		
2400	0.064		
2460	0.066		
2520	0.07		
2580	0.064		
2640	0.068		
2700	0.072		
2760	0.077		
2820	0.077		
2880	0.089		
2940	0.066		

3000	0.057
3060	0.054
3120	0.055
3180	0.055
3240	0.054
3300	0.054
3360	0.056
3420	0.053
3480	0.062
3540	0.056
3600	0.055
3660	0.052
3720	0.052
3780	0.066
3840	0.059
3900	0.053
3960	0.055
4020	0.051
4080	0.052
4140	0.052
4200	0.053
4260	0.052
4320	0.054
4380	0.059
4440	0.059
4500	0.059
4560	0.062
4620	0.058
4680	0.058
4740	0.067
4800	0.061
4860	0.055
4920	0.058
4980	0.063
5040	0.058
5100	0.054
5160	0.055
5220	0.058
5280	0.069
5340	0.063
5400	0.055
5460	0.053
5520	0.049
5580	0.051
5640	0.048
5700	0.055
5760	0.049
5820	0.044
5880	0.048
5940	0.047
6000	0.049
6060	0.046
6120	0.045
6180	0.046
6240	0.048
6300	0.047
6360	0.046
6420	0.044
6480	0.042
6540	0.045
6600	0.045
6660	0.046
6720	0.045
6780	0.045
6840	0.047
6900	0.042
6960	0.041
7020	0.042
7080	0.039

7140	0.041
7200	0.044
7260	0.042
7320	0.04
7380	0.042
7440	0.043
7500	0.042
7560	0.043
7620	0.041
7680	0.041
7740	0.04
7800	0.04
7860	0.04
7920	0.039
7980	0.042
8040	0.041
8100	0.041
8160	0.04
8220	0.04
8280	0.037
8340	0.038
8400	0.055
8460	0.049
8520	0.044
8580	0.039
8640	0.036
8700	0.035
8760	0.041
8820	0.038
8880	0.037
8940	0.041
9000	0.045
9060	0.041
9120	0.041
9180	0.038
9240	0.042
9300	0.04
9360	0.041
9420	0.039
9480	0.044
9540	0.044
9600	0.052
9660	0.044
9720	0.046
9780	0.038
9840	0.037
9900	0.038
9960	0.038
10020	0.036
10080	0.038
10140	0.038
10200	0.038
10260	0.038
10320	0.039
10380	0.036
10440	0.039
10500	0.037
10560	0.037
10620	0.038
10680	0.04
10740	0.036
10800	0.037
10860	0.038
10920	0.043
10980	0.041
11040	0.048
11100	0.039
11160	0.047
11220	0.04

11280	0.058
11340	0.057
11400	0.059
11460	0.039
11520	0.037
11580	0.036
11640	0.038
11700	0.038
11760	0.044
11820	0.038
11880	0.04
11940	0.034
12000	0.035
12060	0.037
12120	0.042
12180	0.046
12240	0.043
12300	0.05
12360	0.059
12420	0.048
12480	0.044
12540	0.046
12600	0.056
12660	0.05
12720	0.046
12780	0.054
12840	0.051
12900	0.043
12960	0.042
13020	0.038
13080	0.04
13140	0.035
13200	0.05
13260	0.058
13320	0.041
13380	0.035
13440	0.037
13500	0.035
13560	0.035
13620	0.036
13680	0.038
13740	0.038
13800	0.04
13860	0.054
13920	0.047
13980	0.055
14040	0.067
14100	0.059
14160	0.062
14220	0.052
14280	0.04
14340	0.042
14400	0.043
14460	0.048
14520	0.079
14580	0.068
14640	0.046
14700	0.04
14760	0.038
14820	0.04
14880	0.059
14940	0.045
15000	0.038
15060	0.037
15120	0.038
15180	0.04
15240	0.045
15300	0.038
15360	0.037

15420	0.037
15480	0.043
15540	0.038
15600	0.046
15660	0.048
15720	0.038
15780	0.037
15840	0.041
15900	0.041
15960	0.043
16020	0.041
16080	0.046
16140	0.043
16200	0.039
16260	0.041
16320	0.047
16380	0.046
16440	0.044
16500	0.037
16560	0.043
16620	0.052
16680	0.046
16740	0.036
16800	0.041
16860	0.063
16920	0.047
16980	0.054
17040	0.044
17100	0.044
17160	0.057
17220	0.045
17280	0.045
17340	0.04
17400	0.047
17460	0.046
17520	0.043
17580	0.057
17640	0.056
17700	0.048
17760	0.04
17820	0.044
17880	0.039
17940	0.045
18000	0.078
18060	0.095
18120	0.079
18180	0.047
18240	0.047
18300	0.053
18360	0.04
18420	0.045
18480	0.054
18540	0.054
18600	0.052
18660	0.073
18720	0.048
18780	0.056
18840	0.046
18900	0.062
18960	0.068
19020	0.073
19080	0.061
19140	0.05
19200	0.054
19260	0.044
19320	0.046
19380	0.046
19440	0.106
19500	0.053

19560	0.052
19620	0.051
19680	0.051
19740	0.074
19800	0.061
19860	0.044
19920	0.044
19980	0.04
20040	0.04
20100	0.034
20160	0.037
20220	0.041
20280	0.036
20340	0.04
20400	0.037
20460	0.042
20520	0.042
20580	0.04
20640	0.047
20700	0.039
20760	0.036
20820	0.033
20880	0.041
20940	0.038
21000	0.042
21060	0.037
21120	0.038
21180	0.047
21240	0.048
21300	0.043
21360	0.037
21420	0.039
21480	0.037
21540	0.037
21600	0.035
21660	0.038
21720	0.048
21780	0.049
21840	0.109
21900	0.074
21960	0.089
22020	0.066
22080	0.09
22140	0.066
22200	0.053
22260	0.15
22320	0.087
22380	0.047
22440	0.05
22500	0.045
22560	0.045
22620	0.04
22680	0.053
22740	0.046
22800	0.046
22860	0.035
22920	0.033
22980	0.035
23040	0.034
23100	0.034
23160	0.037
23220	0.032
23280	0.033
23340	0.033
23400	0.045
23460	0.033
23520	0.031
23580	0.031
23640	0.03

23700	0.029
23760	0.031
23820	0.031
23880	0.035
23940	0.031
24000	0.029
24060	0.052
24120	0.046
24180	0.028
24240	0.028
24300	0.028
24360	0.028
24420	0.027
24480	0.027
24540	0.026
24600	0.026
24660	0.025
24720	0.025
24780	0.025
24840	0.034
24900	0.026
24960	0.026
25020	0.025
25080	0.03
25140	0.026
25200	0.025
25260	0.023
25320	0.023
25380	0.023
25440	0.023
25500	0.024
25560	0.023
25620	0.025
25680	0.025
25740	0.024
25800	0.023
25860	0.025
25920	0.025
25980	0.024
26040	0.022
26100	0.024
26160	0.024
26220	0.024
26280	0.026
26340	0.029
26400	0.025
26460	0.026
26520	0.027
26580	0.024
26640	0.023
26700	0.025
26760	0.024
26820	0.025
26880	0.022
26940	0.024
27000	0.024
27060	0.023
27120	0.022
27180	0.022
27240	0.022
27300	0.021
27360	0.022
27420	0.021
27480	0.021
27540	0.021
27600	0.021
27660	0.022
27720	0.022
27780	0.025

27840	0.026
27900	0.021
27960	0.021
28020	0.022
28080	0.02
28140	0.021
28200	0.021
28260	0.021
28320	0.021
28380	0.02
28440	0.021
28500	0.021
28560	0.021
28620	0.021
28680	0.022
28740	0.023
28800	0.021
28860	0.021
28920	0.024
28980	0.024
29040	0.022
29100	0.021
29160	0.024
29220	0.02
29280	0.02
29340	0.021
29400	0.02
29460	0.02
29520	0.021
29580	0.021
29640	0.019
29700	0.019
29760	0.02
29820	0.019
29880	0.018
29940	0.019
30000	0.019
30060	0.019
30120	0.02
30180	0.02
30240	0.02
30300	0.02
30360	0.02
30420	0.02
30480	0.021
30540	0.021
30600	0.021
30660	0.021
30720	0.021
30780	0.02
30840	0.02
30900	0.02
30960	0.02
31020	0.02
31080	0.02
31140	0.02
31200	0.019
31260	0.019
31320	0.02
31380	0.021
31440	0.021
31500	0.019
31560	0.019
31620	0.024
31680	0.023
31740	0.03
31800	0.022
31860	0.019
31920	0.021

31980	0.022
32040	0.02
32100	0.019
32160	0.019
32220	0.019
32280	0.02
32340	0.019
32400	0.02
32460	0.02
32520	0.019
32580	0.021
32640	0.021

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530103310
 Firmware Version 2.6
 Calibration Date 8/12/2010
 Test Name MANUAL_002
 Test Start Time 7:57:21 AM
 Test Start Date 4/26/2011
 Test Length [D:H:M] 0:09:00
 Test Interval [M:S] 1:00
 Mass Average [mg/m³] 0.042
 Mass Minimum [mg/m³] 0.016
 Mass Maximum [mg/m³] 0.495
 Mass TWA [mg/m³] 0.043
 Photometric User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 540

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
60	0.057		
120	0.06		
180	0.064		
240	0.083		
300	0.069		
360	0.059		
420	0.066		
480	0.071		
540	0.063		
600	0.061		
660	0.061		
720	0.062		
780	0.057		
840	0.056		
900	0.058		
960	0.067		
1020	0.053		
1080	0.053		
1140	0.057		
1200	0.056		
1260	0.056		
1320	0.057		
1380	0.058		
1440	0.07		
1500	0.078		
1560	0.08		
1620	0.071		
1680	0.081		
1740	0.082		
1800	0.077		
1860	0.078		
1920	0.081		
1980	0.063		
2040	0.074		
2100	0.082		
2160	0.066		
2220	0.084		
2280	0.06		
2340	0.06		
2400	0.064		
2460	0.072		
2520	0.069		
2580	0.069		
2640	0.066		
2700	0.075		
2760	0.064		
2820	0.057		
2880	0.056		
2940	0.052		

3000	0.052
3060	0.052
3120	0.053
3180	0.051
3240	0.053
3300	0.051
3360	0.051
3420	0.052
3480	0.052
3540	0.051
3600	0.049
3660	0.048
3720	0.053
3780	0.051
3840	0.052
3900	0.049
3960	0.046
4020	0.048
4080	0.048
4140	0.05
4200	0.048
4260	0.05
4320	0.054
4380	0.055
4440	0.055
4500	0.054
4560	0.051
4620	0.05
4680	0.057
4740	0.048
4800	0.049
4860	0.048
4920	0.051
4980	0.048
5040	0.049
5100	0.049
5160	0.053
5220	0.056
5280	0.047
5340	0.046
5400	0.043
5460	0.045
5520	0.046
5580	0.04
5640	0.043
5700	0.038
5760	0.038
5820	0.038
5880	0.039
5940	0.038
6000	0.037
6060	0.036
6120	0.037
6180	0.04
6240	0.034
6300	0.034
6360	0.034
6420	0.037
6480	0.032
6540	0.034
6600	0.038
6660	0.096
6720	0.045
6780	0.036
6840	0.033
6900	0.03
6960	0.033
7020	0.03
7080	0.032

7140	0.032
7200	0.042
7260	0.028
7320	0.03
7380	0.029
7440	0.028
7500	0.029
7560	0.028
7620	0.028
7680	0.029
7740	0.028
7800	0.052
7860	0.028
7920	0.029
7980	0.027
8040	0.029
8100	0.027
8160	0.026
8220	0.025
8280	0.027
8340	0.036
8400	0.034
8460	0.031
8520	0.027
8580	0.024
8640	0.025
8700	0.027
8760	0.026
8820	0.026
8880	0.03
8940	0.029
9000	0.028
9060	0.026
9120	0.025
9180	0.027
9240	0.026
9300	0.027
9360	0.026
9420	0.028
9480	0.032
9540	0.031
9600	0.028
9660	0.028
9720	0.025
9780	0.023
9840	0.027
9900	0.09
9960	0.09
10020	0.026
10080	0.023
10140	0.026
10200	0.025
10260	0.026
10320	0.025
10380	0.025
10440	0.024
10500	0.023
10560	0.026
10620	0.026
10680	0.025
10740	0.024
10800	0.026
10860	0.029
10920	0.073
10980	0.042
11040	0.031
11100	0.036
11160	0.029
11220	0.037

11280	0.043
11340	0.036
11400	0.027
11460	0.022
11520	0.024
11580	0.024
11640	0.037
11700	0.029
11760	0.026
11820	0.024
11880	0.063
11940	0.025
12000	0.028
12060	0.039
12120	0.038
12180	0.037
12240	0.045
12300	0.038
12360	0.029
12420	0.046
12480	0.032
12540	0.035
12600	0.031
12660	0.094
12720	0.104
12780	0.03
12840	0.027
12900	0.03
12960	0.024
13020	0.023
13080	0.023
13140	0.027
13200	0.027
13260	0.023
13320	0.022
13380	0.023
13440	0.023
13500	0.174
13560	0.025
13620	0.021
13680	0.023
13740	0.023
13800	0.027
13860	0.026
13920	0.044
13980	0.045
14040	0.039
14100	0.035
14160	0.034
14220	0.023
14280	0.031
14340	0.026
14400	0.139
14460	0.077
14520	0.038
14580	0.03
14640	0.026
14700	0.024
14760	0.029
14820	0.034
14880	0.031
14940	0.026
15000	0.024
15060	0.024
15120	0.027
15180	0.025
15240	0.022
15300	0.022
15360	0.023

15420	0.027
15480	0.023
15540	0.028
15600	0.026
15660	0.023
15720	0.023
15780	0.024
15840	0.028
15900	0.026
15960	0.024
16020	0.031
16080	0.025
16140	0.028
16200	0.028
16260	0.029
16320	0.026
16380	0.029
16440	0.024
16500	0.032
16560	0.03
16620	0.031
16680	0.025
16740	0.032
16800	0.038
16860	0.03
16920	0.029
16980	0.028
17040	0.03
17100	0.039
17160	0.033
17220	0.028
17280	0.03
17340	0.026
17400	0.03
17460	0.033
17520	0.043
17580	0.033
17640	0.03
17700	0.026
17760	0.026
17820	0.028
17880	0.032
17940	0.056
18000	0.071
18060	0.04
18120	0.031
18180	0.03
18240	0.029
18300	0.03
18360	0.029
18420	0.044
18480	0.038
18540	0.04
18600	0.038
18660	0.033
18720	0.031
18780	0.032
18840	0.067
18900	0.075
18960	0.075
19020	0.036
19080	0.035
19140	0.043
19200	0.036
19260	0.034
19320	0.036
19380	0.042
19440	0.042
19500	0.039

19560	0.039
19620	0.05
19680	0.061
19740	0.03
19800	0.032
19860	0.03
19920	0.032
19980	0.053
20040	0.028
20100	0.038
20160	0.026
20220	0.025
20280	0.032
20340	0.105
20400	0.091
20460	0.034
20520	0.032
20580	0.036
20640	0.027
20700	0.023
20760	0.024
20820	0.029
20880	0.028
20940	0.03
21000	0.023
21060	0.031
21120	0.129
21180	0.169
21240	0.027
21300	0.027
21360	0.028
21420	0.029
21480	0.029
21540	0.025
21600	0.028
21660	0.029
21720	0.033
21780	0.067
21840	0.069
21900	0.05
21960	0.045
22020	0.058
22080	0.043
22140	0.051
22200	0.098
22260	0.312
22320	0.086
22380	0.033
22440	0.033
22500	0.035
22560	0.029
22620	0.033
22680	0.029
22740	0.034
22800	0.038
22860	0.03
22920	0.043
22980	0.047
23040	0.125
23100	0.141
23160	0.078
23220	0.039
23280	0.032
23340	0.023
23400	0.021
23460	0.021
23520	0.02
23580	0.019
23640	0.019

23700	0.021
23760	0.022
23820	0.024
23880	0.02
23940	0.018
24000	0.019
24060	0.044
24120	0.119
24180	0.041
24240	0.019
24300	0.018
24360	0.018
24420	0.032
24480	0.059
24540	0.04
24600	0.047
24660	0.059
24720	0.029
24780	0.038
24840	0.034
24900	0.032
24960	0.044
25020	0.048
25080	0.067
25140	0.033
25200	0.03
25260	0.036
25320	0.07
25380	0.046
25440	0.056
25500	0.035
25560	0.029
25620	0.027
25680	0.028
25740	0.03
25800	0.032
25860	0.03
25920	0.021
25980	0.02
26040	0.025
26100	0.021
26160	0.022
26220	0.023
26280	0.027
26340	0.032
26400	0.039
26460	0.039
26520	0.022
26580	0.019
26640	0.023
26700	0.025
26760	0.056
26820	0.028
26880	0.044
26940	0.043
27000	0.04
27060	0.057
27120	0.034
27180	0.037
27240	0.052
27300	0.034
27360	0.032
27420	0.021
27480	0.025
27540	0.027
27600	0.045
27660	0.045
27720	0.035
27780	0.052

27840	0.495
27900	0.18
27960	0.033
28020	0.044
28080	0.02
28140	0.028
28200	0.033
28260	0.026
28320	0.021
28380	0.032
28440	0.018
28500	0.044
28560	0.024
28620	0.022
28680	0.037
28740	0.023
28800	0.021
28860	0.048
28920	0.034
28980	0.047
29040	0.065
29100	0.03
29160	0.051
29220	0.034
29280	0.031
29340	0.028
29400	0.031
29460	0.043
29520	0.039
29580	0.053
29640	0.044
29700	0.072
29760	0.033
29820	0.025
29880	0.032
29940	0.025
30000	0.023
30060	0.033
30120	0.051
30180	0.054
30240	0.034
30300	0.033
30360	0.049
30420	0.04
30480	0.03
30540	0.03
30600	0.024
30660	0.024
30720	0.028
30780	0.025
30840	0.021
30900	0.024
30960	0.02
31020	0.025
31080	0.024
31140	0.025
31200	0.019
31260	0.022
31320	0.028
31380	0.022
31440	0.023
31500	0.033
31560	0.027
31620	0.024
31680	0.029
31740	0.028
31800	0.03
31860	0.024
31920	0.023

31980	0.033
32040	0.016
32100	0.024
32160	0.023
32220	0.016
32280	0.019
32340	0.036
32400	0.03

Client: National Grid
 Location: metropolitan
 Date: 4/27/11
 Field Personnel: J.Ehlen

Project:
 Project Number: 60137361
 Weather: ~65°F, mostly cloudy, light wind
 Ambient Noise:

Community Air Monitoring Plan / Noise Field Log

Pg 1 of 2

Time	Upwind PID	Upwind Dust Trak	Work Area PID	Downwind PID	Downwind Dust Trak	dB Readings ¹	Comments
830	NA	0.029	0.0	0.0	0.037	79.3	Drilling MW 4D2
846	0.0	0.030	0.0	0.0	0.040	90.2	"
904	0.0	0.033	0.0	0.0	0.045	89.2	"
915	0.0	0.029	0.0	0.0	0.034	79.7	
932	0.0	0.025	0.0	0.0	0.031	75.3	Pulling up sample/breaking down drill rod with the fastener where the well wall was.
947	0.0	0.025	0.0	0.0	0.035	72.8	"
1100	0.0	0.023	0.0	0.0	0.034	73.8	Installing MW-4D2.
1115	0.0	0.019	0.0	0.0	0.026	78.7	"
1135	0.0	0.019	0.0	0.0	0.034	72.0	"
1146	0.0	0.017	0.0	0.0	0.015	74.2	"
1202	0.0	0.020	0.0	0.0	0.018	75.3	"
1217	0.0	0.022	0.0	0.0	0.030	74.1	"
1300	0.0	0.019	0.0	0.0	0.032	72.3	"
1315	0.0	0.024	0.0	0.0	0.031	70.0	"
1330	0.0	0.023	0.0	0.0	0.028	74.2	"
1345	0.0	0.024	0.0	0.0	0.024	76.2	"
1359	0.0	0.022	0.0	0.0	0.029	82.9	"
1414	0.0	0.017	0.0	0.0	0.069	77.7	grouting mw-4D2
1429	0.0	0.014	0.0	0.0	0.029	76.8	"
1444	0.0	0.017	0.0	0.0	0.024	78.8	pulling casing from mw-4D2
1500	0.0	0.019	0.0	0.0	0.085	78.1	mixing more grout.
1516	0.0	0.020	0.0	0.0	0.027	85.0	finishing grouting mw-4D2

*830 re-caled upwind pid, was reading 1.2 ppm. Upwind pid reading 0.0 ppm after re-calibration.

getting
concrete &
making well
material to
location, no
drilling.

Client: National Grid
Location: metropolitan
Date: 4/27/11
Field Personnel: J. Ehlen

Project: Project Number: 60137361
Weather: Same; increase in wind.
Ambient Noise: _____

Community Air Monitoring Plan / Noise Field Log

pg 2 of 2

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 902685

User ID: 00000001 Site ID: 00000018

Data Points: 72 Gas Name: Isobutylene Sample Period: 60 sec

Last Calibration Time: 04/27/2011 06:15

=====
Measurement Type: Min(ppm) Avg(ppm) Max(ppm)

High Alarm Levels: 100 100 100

Low Alarm Levels: 50 50 50

=====
Line# Date Time Min(ppm) Alarm Avg(ppm) Alarm Max(ppm) Alarm

=====
1 4/27/2011 6:17 0.2 0.2 0.3
2 4/27/2011 6:18 0.3 5.7 87 L
3 4/27/2011 6:19 0.5 34.2 95.2 L
4 4/27/2011 6:20 0.4 0.4 0.5
5 4/27/2011 6:21 0.4 0.5 0.6
6 4/27/2011 6:22 0.5 0.5 0.6
7 4/27/2011 6:23 0.6 0.6 0.7
8 4/27/2011 6:24 0.6 0.6 0.6
9 4/27/2011 6:25 0.6 0.6 0.6
10 4/27/2011 6:26 0.6 0.6 0.6
11 4/27/2011 6:27 0.6 0.6 0.7
12 4/27/2011 6:28 0.6 0.6 0.7
13 4/27/2011 6:29 0.6 0.6 0.7
14 4/27/2011 6:30 0.6 0.6 0.7
15 4/27/2011 6:31 0.6 0.6 0.7
16 4/27/2011 6:32 0.5 0.7 0.9
17 4/27/2011 6:33 0.7 0.7 0.8
18 4/27/2011 6:34 0.7 0.7 0.7
19 4/27/2011 6:35 0.7 0.7 0.9
20 4/27/2011 6:36 0.7 0.7 0.8
21 4/27/2011 6:37 0.7 0.7 0.8
22 4/27/2011 6:38 0.7 0.7 0.8
23 4/27/2011 6:39 0.7 0.7 0.8
24 4/27/2011 6:40 0.7 0.7 0.8
25 4/27/2011 6:41 0.8 0.8 0.8
26 4/27/2011 6:42 0.8 0.8 0.8
27 4/27/2011 6:43 0.8 0.8 0.8
28 4/27/2011 6:44 0.8 0.8 0.9
29 4/27/2011 6:45 0.8 0.8 0.9
30 4/27/2011 6:46 0.8 0.8 0.9
31 4/27/2011 6:47 0.8 0.8 0.9
32 4/27/2011 6:48 0.8 0.8 0.9
33 4/27/2011 6:49 0.8 0.8 0.9
34 4/27/2011 6:50 0.8 0.8 0.9
35 4/27/2011 6:51 0.9 0.9 0.9
36 4/27/2011 6:52 0.9 0.9 0.9
37 4/27/2011 6:53 0.9 0.9 0.9
38 4/27/2011 6:54 0.9 0.9 0.9
39 4/27/2011 6:55 0.9 0.9 0.9
40 4/27/2011 6:56 0.9 0.9 0.9
41 4/27/2011 6:57 0.9 0.9 1
42 4/27/2011 6:58 0.9 0.9 1
43 4/27/2011 6:59 0.9 0.9 1
44 4/27/2011 7:00 0.9 0.9 1
45 4/27/2011 7:01 1 1 1
46 4/27/2011 7:02 1 1 1
47 4/27/2011 7:03 1 1 1
48 4/27/2011 7:04 1 1 1
49 4/27/2011 7:05 1 1 1.1
50 4/27/2011 7:06 1 1 1.1
51 4/27/2011 7:07 1 1 1.1
52 4/27/2011 7:08 1 1 1.1
53 4/27/2011 7:09 1 1 1.1
54 4/27/2011 7:10 1.1 1.1 1.1
55 4/27/2011 7:11 1.1 1.1 1.2
56 4/27/2011 7:12 1.1 1.1 1.1
57 4/27/2011 7:13 1.1 1.1 1.1
58 4/27/2011 7:14 1.1 1.1 1.1

59	4/27/2011 7:15	1.1	1.1	1.2
60	4/27/2011 7:16	1.1	1.1	1.2
61	4/27/2011 7:17	1.1	1.1	1.2
62	4/27/2011 7:18	1.1	1.1	1.2
63	4/27/2011 7:19	1.1	1.1	1.2
64	4/27/2011 7:20	1.1	1.1	1.2
65	4/27/2011 7:21	1.1	1.1	1.2
66	4/27/2011 7:22	1.1	1.1	1.2
67	4/27/2011 7:23	1.1	1.1	1.2
68	4/27/2011 7:24	1.1	1.1	1.2
69	4/27/2011 7:25	1.1	1.1	1.2
70	4/27/2011 7:26	1.1	1.1	1.2
71	4/27/2011 7:27	1.1	1.1	1.2
72	4/27/2011 7:28	1.1	1.1	1.2

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 902685

User ID: 00000001 Site ID: 00000019

Data Points: 446 Gas Name: Isobutylene Sample Period: 60 sec

Last Calibration Time: 04/27/2011 06:15

=====
Measurement Type: Min(ppm) Avg(ppm) Max(ppm)
High Alarm Levels: 100 100 100
Low Alarm Levels: 50 50 50
=====

Line# Date Time Min(ppm) Alarm Avg(ppm) Alarm Max(ppm) Alarm

=====
1 4/27/2011 7:33 0 0 0
2 4/27/2011 7:34 0 0 0
3 4/27/2011 7:35 0 0 0
4 4/27/2011 7:36 0 0 0
5 4/27/2011 7:37 0 0 0
6 4/27/2011 7:38 0 0 0
7 4/27/2011 7:39 0 0 0
8 4/27/2011 7:40 0 0 0
9 4/27/2011 7:41 0 0 0
10 4/27/2011 7:42 0 0 0.1
11 4/27/2011 7:43 0 0 0.1
12 4/27/2011 7:44 0 0 0.1
13 4/27/2011 7:45 0 0 0.1
14 4/27/2011 7:46 0 0 0.1
15 4/27/2011 7:47 0 0 0.1
16 4/27/2011 7:48 0 0 0.1
17 4/27/2011 7:49 0 0 0.1
18 4/27/2011 7:50 0 0 0.1
19 4/27/2011 7:51 0 0 0.1
20 4/27/2011 7:52 0 0 0.1
21 4/27/2011 7:53 0 0 0
22 4/27/2011 7:54 0 0 0
23 4/27/2011 7:55 0 0 0
24 4/27/2011 7:56 0 0 0
25 4/27/2011 7:57 0 0 0
26 4/27/2011 7:58 0 0 0
27 4/27/2011 7:59 0 0 0
28 4/27/2011 8:00 0 0 0
29 4/27/2011 8:01 0 0 0
30 4/27/2011 8:02 0 0 0
31 4/27/2011 8:03 0 0 0
32 4/27/2011 8:04 0 0 0
33 4/27/2011 8:05 0 0 0
34 4/27/2011 8:06 0 0 0
35 4/27/2011 8:07 0 0 0
36 4/27/2011 8:08 0 0 0
37 4/27/2011 8:09 0 0 0
38 4/27/2011 8:10 0 0 0
39 4/27/2011 8:11 0 0 0
40 4/27/2011 8:12 0 0 0
41 4/27/2011 8:13 0 0 0
42 4/27/2011 8:14 0 0 0
43 4/27/2011 8:15 0 0 0
44 4/27/2011 8:16 0 0 0
45 4/27/2011 8:17 0 0 0
46 4/27/2011 8:18 0 0 0
47 4/27/2011 8:19 0 0 0
48 4/27/2011 8:20 0 0 0
49 4/27/2011 8:21 0 0 0
50 4/27/2011 8:22 0 0 0
51 4/27/2011 8:23 0 0 0
52 4/27/2011 8:24 0 0 0
53 4/27/2011 8:25 0 0 0
54 4/27/2011 8:26 0 0 0
55 4/27/2011 8:27 0 0 0
56 4/27/2011 8:28 0 0 0
57 4/27/2011 8:29 0 0 0
58 4/27/2011 8:30 0 0 0

59	4/27/2011 8:31	0	0	0
60	4/27/2011 8:32	0	0	0
61	4/27/2011 8:33	0	0	0
62	4/27/2011 8:34	0	0	0
63	4/27/2011 8:35	0	0	0
64	4/27/2011 8:36	0	0	0
65	4/27/2011 8:37	0	0	0
66	4/27/2011 8:38	0	0	0
67	4/27/2011 8:39	0	0	0
68	4/27/2011 8:40	0	0	0
69	4/27/2011 8:41	0	0	0
70	4/27/2011 8:42	0	0	0
71	4/27/2011 8:43	0	0	0
72	4/27/2011 8:44	0	0	0
73	4/27/2011 8:45	0	0	0
74	4/27/2011 8:46	0	0	0
75	4/27/2011 8:47	0	0	0
76	4/27/2011 8:48	0	0	0
77	4/27/2011 8:49	0	0	0
78	4/27/2011 8:50	0	0	0
79	4/27/2011 8:51	0	0	0
80	4/27/2011 8:52	0	0	0
81	4/27/2011 8:53	0	0	0
82	4/27/2011 8:54	0	0	0
83	4/27/2011 8:55	0	0	0
84	4/27/2011 8:56	0	0	0
85	4/27/2011 8:57	0	0	0
86	4/27/2011 8:58	0	0.1	1.8
87	4/27/2011 8:59	0	0	0
88	4/27/2011 9:00	0	0	0
89	4/27/2011 9:01	0	0	0
90	4/27/2011 9:02	0	0	0
91	4/27/2011 9:03	0	0	0
92	4/27/2011 9:04	0	0	0
93	4/27/2011 9:05	0	0	0
94	4/27/2011 9:06	0	0	0
95	4/27/2011 9:07	0	0	0
96	4/27/2011 9:08	0	0	0
97	4/27/2011 9:09	0	0	0
98	4/27/2011 9:10	0	0	0
99	4/27/2011 9:11	0	0	0
100	4/27/2011 9:12	0	0	0
101	4/27/2011 9:13	0	0	0
102	4/27/2011 9:14	0	0	0
103	4/27/2011 9:15	0	0	0
104	4/27/2011 9:16	0	0	0
105	4/27/2011 9:17	0	0	0
106	4/27/2011 9:18	0	0	0
107	4/27/2011 9:19	0	0	0
108	4/27/2011 9:20	0	0	0
109	4/27/2011 9:21	0	0	0
110	4/27/2011 9:22	0	0	0
111	4/27/2011 9:23	0	0	0
112	4/27/2011 9:24	0	0	0
113	4/27/2011 9:25	0	0	0
114	4/27/2011 9:26	0	0	0
115	4/27/2011 9:27	0	0	0
116	4/27/2011 9:28	0	0	0
117	4/27/2011 9:29	0	0	0
118	4/27/2011 9:30	0	0	0
119	4/27/2011 9:31	0	0	0
120	4/27/2011 9:32	0	0	0
121	4/27/2011 9:33	0	0	0
122	4/27/2011 9:34	0	0	0
123	4/27/2011 9:35	0	0	0
124	4/27/2011 9:36	0	0	0
125	4/27/2011 9:37	0	0	0
126	4/27/2011 9:38	0	0	0
127	4/27/2011 9:39	0	0	0

128	4/27/2011 9:40	0	0	0
129	4/27/2011 9:41	0	0	0
130	4/27/2011 9:42	0	0	0
131	4/27/2011 9:43	0	0	0
132	4/27/2011 9:44	0	0	0
133	4/27/2011 9:45	0	0	0
134	4/27/2011 9:46	0	0	0
135	4/27/2011 9:47	0	0	0
136	4/27/2011 9:48	0	0	0
137	4/27/2011 9:49	0	0	0
138	4/27/2011 9:50	0	0	0
139	4/27/2011 9:51	0	0	0
140	4/27/2011 9:52	0	0	0
141	4/27/2011 9:53	0	0	0
142	4/27/2011 9:54	0	0	0
143	4/27/2011 9:55	0	0	0
144	4/27/2011 9:56	0	0	0
145	4/27/2011 9:57	0	0	0
146	4/27/2011 9:58	0	0	0
147	4/27/2011 9:59	0	0	0
148	4/27/2011 10:00	0	0	0
149	4/27/2011 10:01	0	0	0
150	4/27/2011 10:02	0	0	0
151	4/27/2011 10:03	0	0	0
152	4/27/2011 10:04	0	0	0
153	4/27/2011 10:05	0	0	0
154	4/27/2011 10:06	0	0	0
155	4/27/2011 10:07	0	0	0
156	4/27/2011 10:08	0	0	0
157	4/27/2011 10:09	0	0	0
158	4/27/2011 10:10	0	0	0
159	4/27/2011 10:11	0	0	0
160	4/27/2011 10:12	0	0	0
161	4/27/2011 10:13	0	0	0
162	4/27/2011 10:14	0	0	0
163	4/27/2011 10:15	0	0	0
164	4/27/2011 10:16	0	0	0
165	4/27/2011 10:17	0	0	0
166	4/27/2011 10:18	0	0	0
167	4/27/2011 10:19	0	0	0
168	4/27/2011 10:20	0	0	0
169	4/27/2011 10:21	0	0	0
170	4/27/2011 10:22	0	0	0
171	4/27/2011 10:23	0	0	0
172	4/27/2011 10:24	0	0	0
173	4/27/2011 10:25	0	0	0
174	4/27/2011 10:26	0	0	0
175	4/27/2011 10:27	0	0	0
176	4/27/2011 10:28	0	0	0
177	4/27/2011 10:29	0	0	0
178	4/27/2011 10:30	0	0	0
179	4/27/2011 10:31	0	0	0
180	4/27/2011 10:32	0	0	0
181	4/27/2011 10:33	0	0	0
182	4/27/2011 10:34	0	0	0
183	4/27/2011 10:35	0	0	0
184	4/27/2011 10:36	0	0	0
185	4/27/2011 10:37	0	0	0
186	4/27/2011 10:38	0	0	0
187	4/27/2011 10:39	0	0	0
188	4/27/2011 10:40	0	0	0
189	4/27/2011 10:41	0	0	0
190	4/27/2011 10:42	0	0	0
191	4/27/2011 10:43	0	0	0
192	4/27/2011 10:44	0	0	0
193	4/27/2011 10:45	0	0	0
194	4/27/2011 10:46	0	0	0
195	4/27/2011 10:47	0	0	0
196	4/27/2011 10:48	0	0	0

197	4/27/2011 10:49	0	0	0
198	4/27/2011 10:50	0	0	0
199	4/27/2011 10:51	0	0	0
200	4/27/2011 10:52	0	0	0
201	4/27/2011 10:53	0	0	0
202	4/27/2011 10:54	0	0	0
203	4/27/2011 10:55	0	0	0
204	4/27/2011 10:56	0	0	0
205	4/27/2011 10:57	0	0	0
206	4/27/2011 10:58	0	0	0
207	4/27/2011 10:59	0	0	0
208	4/27/2011 11:00	0	0	0
209	4/27/2011 11:01	0	0	0
210	4/27/2011 11:02	0	0	0
211	4/27/2011 11:03	0	0	0
212	4/27/2011 11:04	0	0	0
213	4/27/2011 11:05	0	0	0
214	4/27/2011 11:06	0	0	0
215	4/27/2011 11:07	0	0	0
216	4/27/2011 11:08	0	0	0
217	4/27/2011 11:09	0	0	0
218	4/27/2011 11:10	0	0	0
219	4/27/2011 11:11	0	0	0
220	4/27/2011 11:12	0	0	0
221	4/27/2011 11:13	0	0	0
222	4/27/2011 11:14	0	0	0
223	4/27/2011 11:15	0	0	0
224	4/27/2011 11:16	0	0	0
225	4/27/2011 11:17	0	0	0
226	4/27/2011 11:18	0	0	0
227	4/27/2011 11:19	0	0	0
228	4/27/2011 11:20	0	0	0
229	4/27/2011 11:21	0	0.6	5
230	4/27/2011 11:22	0	0	0
231	4/27/2011 11:23	0	0	0
232	4/27/2011 11:24	0	0	0
233	4/27/2011 11:25	0	0	0
234	4/27/2011 11:26	0	0	0
235	4/27/2011 11:27	0	0	0
236	4/27/2011 11:28	0	0	0
237	4/27/2011 11:29	0	0	0
238	4/27/2011 11:30	0	0	0
239	4/27/2011 11:31	0	0	0
240	4/27/2011 11:32	0	0	0
241	4/27/2011 11:33	0	0	0
242	4/27/2011 11:34	0	0	0
243	4/27/2011 11:35	0	0	0
244	4/27/2011 11:36	0	0	0
245	4/27/2011 11:37	0	0	0
246	4/27/2011 11:38	0	0	0
247	4/27/2011 11:39	0	0	0
248	4/27/2011 11:40	0	0	0
249	4/27/2011 11:41	0	0	0
250	4/27/2011 11:42	0	0	0
251	4/27/2011 11:43	0	0	0
252	4/27/2011 11:44	0	0	0
253	4/27/2011 11:45	0	0	0
254	4/27/2011 11:46	0	0	0
255	4/27/2011 11:47	0	0	0
256	4/27/2011 11:48	0	0	0
257	4/27/2011 11:49	0	0	0
258	4/27/2011 11:50	0	0	0
259	4/27/2011 11:51	0	0	0
260	4/27/2011 11:52	0	0	0
261	4/27/2011 11:53	0	0	0
262	4/27/2011 11:54	0	0	0
263	4/27/2011 11:55	0	0	0
264	4/27/2011 11:56	0	0	0
265	4/27/2011 11:57	0	0	0

266	4/27/2011 11:58	0	0	0
267	4/27/2011 11:59	0	0	0
268	4/27/2011 12:00	0	0	0
269	4/27/2011 12:01	0	0	0
270	4/27/2011 12:02	0	0	0
271	4/27/2011 12:03	0	0	0
272	4/27/2011 12:04	0	0	0
273	4/27/2011 12:05	0	0	0
274	4/27/2011 12:06	0	0	0
275	4/27/2011 12:07	0	0	0
276	4/27/2011 12:08	0	0	0
277	4/27/2011 12:09	0	0	0
278	4/27/2011 12:10	0	0	0
279	4/27/2011 12:11	0	0	0
280	4/27/2011 12:12	0	0	0
281	4/27/2011 12:13	0	0	0
282	4/27/2011 12:14	0	0	0
283	4/27/2011 12:15	0	0	0
284	4/27/2011 12:16	0	0	0
285	4/27/2011 12:17	0	0	0
286	4/27/2011 12:18	0	0	0
287	4/27/2011 12:19	0	0	0
288	4/27/2011 12:20	0	0	0
289	4/27/2011 12:21	0	0	0
290	4/27/2011 12:22	0	0	0
291	4/27/2011 12:23	0	0	0
292	4/27/2011 12:24	0	0	0
293	4/27/2011 12:25	0	0	0
294	4/27/2011 12:26	0	0	0
295	4/27/2011 12:27	0	0	0
296	4/27/2011 12:28	0	0	0
297	4/27/2011 12:29	0	0	0
298	4/27/2011 12:30	0	0	0
299	4/27/2011 12:31	0	0	0
300	4/27/2011 12:32	0	0	0
301	4/27/2011 12:33	0	0	0
302	4/27/2011 12:34	0	0	0
303	4/27/2011 12:35	0	0	0
304	4/27/2011 12:36	0	0	0
305	4/27/2011 12:37	0	0	0
306	4/27/2011 12:38	0	0	0
307	4/27/2011 12:39	0	0	0
308	4/27/2011 12:40	0	0	0
309	4/27/2011 12:41	0	0	0
310	4/27/2011 12:42	0	0	0
311	4/27/2011 12:43	0	0	0
312	4/27/2011 12:44	0	0	0
313	4/27/2011 12:45	0	0	0
314	4/27/2011 12:46	0	0	0
315	4/27/2011 12:47	0	0	0
316	4/27/2011 12:48	0	0	0
317	4/27/2011 12:49	0	0	0
318	4/27/2011 12:50	0	0	0
319	4/27/2011 12:51	0	0	0
320	4/27/2011 12:52	0	0	0
321	4/27/2011 12:53	0	0	0
322	4/27/2011 12:54	0	0	0
323	4/27/2011 12:55	0	0	0
324	4/27/2011 12:56	0	0	0
325	4/27/2011 12:57	0	0	0
326	4/27/2011 12:58	0	0	0
327	4/27/2011 12:59	0	0	0
328	4/27/2011 13:00	0	0	0
329	4/27/2011 13:01	0	0	0
330	4/27/2011 13:02	0	0	0
331	4/27/2011 13:03	0	0	0
332	4/27/2011 13:04	0	0	0
333	4/27/2011 13:05	0	0	0
334	4/27/2011 13:06	0	0	0

335	4/27/2011 13:07	0	0	0
336	4/27/2011 13:08	0	0	0
337	4/27/2011 13:09	0	0	0
338	4/27/2011 13:10	0	0	0
339	4/27/2011 13:11	0	0	0
340	4/27/2011 13:12	0	0	0
341	4/27/2011 13:13	0	0	0
342	4/27/2011 13:14	0	0	0
343	4/27/2011 13:15	0	0	0
344	4/27/2011 13:16	0	0	0
345	4/27/2011 13:17	0	0	0
346	4/27/2011 13:18	0	0	0
347	4/27/2011 13:19	0	0	0
348	4/27/2011 13:20	0	0	0
349	4/27/2011 13:21	0	0	0
350	4/27/2011 13:22	0	0	0
351	4/27/2011 13:23	0	0	0
352	4/27/2011 13:24	0	0	0
353	4/27/2011 13:25	0	0	0
354	4/27/2011 13:26	0	0	0
355	4/27/2011 13:27	0	0	0
356	4/27/2011 13:28	0	0	0
357	4/27/2011 13:29	0	0	0
358	4/27/2011 13:30	0	0	0
359	4/27/2011 13:31	0	0	0
360	4/27/2011 13:32	0	0	0
361	4/27/2011 13:33	0	0	0
362	4/27/2011 13:34	0	0	0
363	4/27/2011 13:35	0	0	0
364	4/27/2011 13:36	0	0	0
365	4/27/2011 13:37	0	0	0
366	4/27/2011 13:38	0	0	0
367	4/27/2011 13:39	0	0	0
368	4/27/2011 13:40	0	0	0
369	4/27/2011 13:41	0	0	0
370	4/27/2011 13:42	0	0	0
371	4/27/2011 13:43	0	0	0
372	4/27/2011 13:44	0	0	0
373	4/27/2011 13:45	0	0	0
374	4/27/2011 13:46	0	0	0
375	4/27/2011 13:47	0	0	0
376	4/27/2011 13:48	0	0	0
377	4/27/2011 13:49	0	0	0
378	4/27/2011 13:50	0	0	0
379	4/27/2011 13:51	0	0	0
380	4/27/2011 13:52	0	0	0
381	4/27/2011 13:53	0	0	0
382	4/27/2011 13:54	0	0	0
383	4/27/2011 13:55	0	0	0
384	4/27/2011 13:56	0	0	0
385	4/27/2011 13:57	0	0	0
386	4/27/2011 13:58	0	0	0
387	4/27/2011 13:59	0	0	0
388	4/27/2011 14:00	0	0	0
389	4/27/2011 14:01	0	0	0
390	4/27/2011 14:02	0	0	0
391	4/27/2011 14:03	0	0	0
392	4/27/2011 14:04	0	0	0
393	4/27/2011 14:05	0	0	0
394	4/27/2011 14:06	0	0	0
395	4/27/2011 14:07	0	0	0
396	4/27/2011 14:08	0	0	0
397	4/27/2011 14:09	0	0	0
398	4/27/2011 14:10	0	0	0
399	4/27/2011 14:11	0	0	0
400	4/27/2011 14:12	0	0	0
401	4/27/2011 14:13	0	0	0
402	4/27/2011 14:14	0	0	0
403	4/27/2011 14:15	0	0	0

404	4/27/2011 14:16	0	0	0
405	4/27/2011 14:17	0	0	0
406	4/27/2011 14:18	0	0	0
407	4/27/2011 14:19	0	0	0
408	4/27/2011 14:20	0	0	0
409	4/27/2011 14:21	0	0	0
410	4/27/2011 14:22	0	0	0
411	4/27/2011 14:23	0	0	0
412	4/27/2011 14:24	0	0	0
413	4/27/2011 14:25	0	0	0
414	4/27/2011 14:26	0	0	0
415	4/27/2011 14:27	0	0	0
416	4/27/2011 14:28	0	0	0
417	4/27/2011 14:29	0	0	0
418	4/27/2011 14:30	0	0	0
419	4/27/2011 14:31	0	0	0
420	4/27/2011 14:32	0	0	0
421	4/27/2011 14:33	0	0	0
422	4/27/2011 14:34	0	0	0
423	4/27/2011 14:35	0	0	0
424	4/27/2011 14:36	0	0	0
425	4/27/2011 14:37	0	0	0
426	4/27/2011 14:38	0	0	0
427	4/27/2011 14:39	0	0	0
428	4/27/2011 14:40	0	0	0
429	4/27/2011 14:41	0	0	0
430	4/27/2011 14:42	0	0	0
431	4/27/2011 14:43	0	0	0
432	4/27/2011 14:44	0	0	0
433	4/27/2011 14:45	0	0	0
434	4/27/2011 14:46	0	0	0
435	4/27/2011 14:47	0	0	0
436	4/27/2011 14:48	0	0	0
437	4/27/2011 14:49	0	0	0
438	4/27/2011 14:50	0	0	0
439	4/27/2011 14:51	0	0	0
440	4/27/2011 14:52	0	0	0
441	4/27/2011 14:53	0	0	0
442	4/27/2011 14:54	0	0	0
443	4/27/2011 14:55	0	0	0
444	4/27/2011 14:56	0	0	0
445	4/27/2011 14:57	0	0	0
446	4/27/2011 14:58	0	0	0

=====Event #25 information (begin)=====

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[Event #25 name:]-[Event #25]2011-04-27 03:34-->2011-04-27 12:14

[Event start time:]-2011-04-27 03:34:39[Event end time:]-2011-04-27 12:14:39

=====Event #25 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905367

Data Points: 520 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====

Sensor Information : PID(ppb)

Measurement Gas : Isobutene

Calibration Time : 2011-04-27 03:34:00

Drift Value : ---

Low Alarm Levels : 21738

High Alarm Levels : 43476

Span Value : 100000

Correction Factor : 1.00

Over Alarm Levels : 15000000

=====Event #25 data informations=====

LINE#	Date/Time	PID(ppb)	PID(ppm)
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1	4/27/2011 3:35	29911	29.911
2	4/27/2011 3:36	0	0
3	4/27/2011 3:37	0	0
4	4/27/2011 3:38	0	0
5	4/27/2011 3:39	0	0
6	4/27/2011 3:40	0	0
7	4/27/2011 3:41	0	0
8	4/27/2011 3:42	0	0
9	4/27/2011 3:43	0	0
10	4/27/2011 3:44	0	0
11	4/27/2011 3:45	0	0
12	4/27/2011 3:46	0	0
13	4/27/2011 3:47	0	0
14	4/27/2011 3:48	0	0
15	4/27/2011 3:49	0	0
16	4/27/2011 3:50	0	0
17	4/27/2011 3:51	0	0
18	4/27/2011 3:52	0	0
19	4/27/2011 3:53	0	0
20	4/27/2011 3:54	0	0
21	4/27/2011 3:55	0	0
22	4/27/2011 3:56	0	0
23	4/27/2011 3:57	0	0
24	4/27/2011 3:58	0	0
25	4/27/2011 3:59	0	0
26	4/27/2011 4:00	0	0
27	4/27/2011 4:01	0	0
28	4/27/2011 4:02	0	0
29	4/27/2011 4:03	0	0
30	4/27/2011 4:04	0	0
31	4/27/2011 4:05	0	0
32	4/27/2011 4:06	0	0
33	4/27/2011 4:07	0	0
34	4/27/2011 4:08	0	0
35	4/27/2011 4:09	0	0
36	4/27/2011 4:10	0	0
37	4/27/2011 4:11	0	0
38	4/27/2011 4:12	0	0
39	4/27/2011 4:13	0	0
40	4/27/2011 4:14	0	0
41	4/27/2011 4:15	0	0
42	4/27/2011 4:16	0	0
43	4/27/2011 4:17	0	0
44	4/27/2011 4:18	0	0
45	4/27/2011 4:19	0	0
46	4/27/2011 4:20	0	0
47	4/27/2011 4:21	0	0
48	4/27/2011 4:22	0	0

49	4/27/2011 4:23	0	0
50	4/27/2011 4:24	0	0
51	4/27/2011 4:25	0	0
52	4/27/2011 4:26	0	0
53	4/27/2011 4:27	0	0
54	4/27/2011 4:28	0	0
55	4/27/2011 4:29	0	0
56	4/27/2011 4:30	0	0
57	4/27/2011 4:31	0	0
58	4/27/2011 4:32	0	0
59	4/27/2011 4:33	0	0
60	4/27/2011 4:34	0	0
61	4/27/2011 4:35	0	0
62	4/27/2011 4:36	0	0
63	4/27/2011 4:37	0	0
64	4/27/2011 4:38	0	0
65	4/27/2011 4:39	0	0
66	4/27/2011 4:40	0	0
67	4/27/2011 4:41	0	0
68	4/27/2011 4:42	0	0
69	4/27/2011 4:43	0	0
70	4/27/2011 4:44	0	0
71	4/27/2011 4:45	0	0
72	4/27/2011 4:46	0	0
73	4/27/2011 4:47	0	0
74	4/27/2011 4:48	0	0
75	4/27/2011 4:49	0	0
76	4/27/2011 4:50	0	0
77	4/27/2011 4:51	0	0
78	4/27/2011 4:52	0	0
79	4/27/2011 4:53	0	0
80	4/27/2011 4:54	0	0
81	4/27/2011 4:55	0	0
82	4/27/2011 4:56	0	0
83	4/27/2011 4:57	0	0
84	4/27/2011 4:58	0	0
85	4/27/2011 4:59	0	0
86	4/27/2011 5:00	0	0
87	4/27/2011 5:01	0	0
88	4/27/2011 5:02	0	0
89	4/27/2011 5:03	0	0
90	4/27/2011 5:04	0	0
91	4/27/2011 5:05	0	0
92	4/27/2011 5:06	0	0
93	4/27/2011 5:07	0	0
94	4/27/2011 5:08	0	0
95	4/27/2011 5:09	0	0
96	4/27/2011 5:10	0	0
97	4/27/2011 5:11	0	0
98	4/27/2011 5:12	0	0
99	4/27/2011 5:13	0	0
100	4/27/2011 5:14	0	0
101	4/27/2011 5:15	0	0
102	4/27/2011 5:16	0	0
103	4/27/2011 5:17	0	0
104	4/27/2011 5:18	0	0
105	4/27/2011 5:19	0	0
106	4/27/2011 5:20	0	0
107	4/27/2011 5:21	0	0
108	4/27/2011 5:22	0	0
109	4/27/2011 5:23	0	0
110	4/27/2011 5:24	0	0
111	4/27/2011 5:25	0	0
112	4/27/2011 5:26	0	0
113	4/27/2011 5:27	0	0
114	4/27/2011 5:28	0	0
115	4/27/2011 5:29	1	0.001
116	4/27/2011 5:30	0	0
117	4/27/2011 5:31	1	0.001

118	4/27/2011 5:32	0	0
119	4/27/2011 5:33	0	0
120	4/27/2011 5:34	0	0
121	4/27/2011 5:35	0	0
122	4/27/2011 5:36	0	0
123	4/27/2011 5:37	0	0
124	4/27/2011 5:38	0	0
125	4/27/2011 5:39	0	0
126	4/27/2011 5:40	0	0
127	4/27/2011 5:41	0	0
128	4/27/2011 5:42	0	0
129	4/27/2011 5:43	0	0
130	4/27/2011 5:44	0	0
131	4/27/2011 5:45	0	0
132	4/27/2011 5:46	0	0
133	4/27/2011 5:47	0	0
134	4/27/2011 5:48	0	0
135	4/27/2011 5:49	0	0
136	4/27/2011 5:50	0	0
137	4/27/2011 5:51	0	0
138	4/27/2011 5:52	0	0
139	4/27/2011 5:53	0	0
140	4/27/2011 5:54	0	0
141	4/27/2011 5:55	0	0
142	4/27/2011 5:56	3	0.003
143	4/27/2011 5:57	0	0
144	4/27/2011 5:58	0	0
145	4/27/2011 5:59	0	0
146	4/27/2011 6:00	0	0
147	4/27/2011 6:01	1	0.001
148	4/27/2011 6:02	0	0
149	4/27/2011 6:03	0	0
150	4/27/2011 6:04	0	0
151	4/27/2011 6:05	0	0
152	4/27/2011 6:06	0	0
153	4/27/2011 6:07	0	0
154	4/27/2011 6:08	0	0
155	4/27/2011 6:09	0	0
156	4/27/2011 6:10	0	0
157	4/27/2011 6:11	0	0
158	4/27/2011 6:12	0	0
159	4/27/2011 6:13	0	0
160	4/27/2011 6:14	0	0
161	4/27/2011 6:15	0	0
162	4/27/2011 6:16	0	0
163	4/27/2011 6:17	0	0
164	4/27/2011 6:18	0	0
165	4/27/2011 6:19	0	0
166	4/27/2011 6:20	0	0
167	4/27/2011 6:21	0	0
168	4/27/2011 6:22	0	0
169	4/27/2011 6:23	0	0
170	4/27/2011 6:24	0	0
171	4/27/2011 6:25	0	0
172	4/27/2011 6:26	0	0
173	4/27/2011 6:27	0	0
174	4/27/2011 6:28	0	0
175	4/27/2011 6:29	0	0
176	4/27/2011 6:30	0	0
177	4/27/2011 6:31	0	0
178	4/27/2011 6:32	0	0
179	4/27/2011 6:33	0	0
180	4/27/2011 6:34	0	0
181	4/27/2011 6:35	0	0
182	4/27/2011 6:36	0	0
183	4/27/2011 6:37	0	0
184	4/27/2011 6:38	0	0
185	4/27/2011 6:39	0	0
186	4/27/2011 6:40	0	0

187	4/27/2011 6:41	0	0
188	4/27/2011 6:42	0	0
189	4/27/2011 6:43	0	0
190	4/27/2011 6:44	0	0
191	4/27/2011 6:45	0	0
192	4/27/2011 6:46	0	0
193	4/27/2011 6:47	0	0
194	4/27/2011 6:48	0	0
195	4/27/2011 6:49	0	0
196	4/27/2011 6:50	0	0
197	4/27/2011 6:51	0	0
198	4/27/2011 6:52	0	0
199	4/27/2011 6:53	0	0
200	4/27/2011 6:54	0	0
201	4/27/2011 6:55	0	0
202	4/27/2011 6:56	0	0
203	4/27/2011 6:57	0	0
204	4/27/2011 6:58	0	0
205	4/27/2011 6:59	0	0
206	4/27/2011 7:00	0	0
207	4/27/2011 7:01	0	0
208	4/27/2011 7:02	0	0
209	4/27/2011 7:03	0	0
210	4/27/2011 7:04	0	0
211	4/27/2011 7:05	0	0
212	4/27/2011 7:06	0	0
213	4/27/2011 7:07	0	0
214	4/27/2011 7:08	0	0
215	4/27/2011 7:09	0	0
216	4/27/2011 7:10	0	0
217	4/27/2011 7:11	1	0.001
218	4/27/2011 7:12	0	0
219	4/27/2011 7:13	0	0
220	4/27/2011 7:14	0	0
221	4/27/2011 7:15	0	0
222	4/27/2011 7:16	0	0
223	4/27/2011 7:17	0	0
224	4/27/2011 7:18	0	0
225	4/27/2011 7:19	0	0
226	4/27/2011 7:20	0	0
227	4/27/2011 7:21	0	0
228	4/27/2011 7:22	0	0
229	4/27/2011 7:23	0	0
230	4/27/2011 7:24	0	0
231	4/27/2011 7:25	0	0
232	4/27/2011 7:26	0	0
233	4/27/2011 7:27	0	0
234	4/27/2011 7:28	0	0
235	4/27/2011 7:29	0	0
236	4/27/2011 7:30	0	0
237	4/27/2011 7:31	0	0
238	4/27/2011 7:32	0	0
239	4/27/2011 7:33	0	0
240	4/27/2011 7:34	0	0
241	4/27/2011 7:35	0	0
242	4/27/2011 7:36	0	0
243	4/27/2011 7:37	0	0
244	4/27/2011 7:38	0	0
245	4/27/2011 7:39	0	0
246	4/27/2011 7:40	0	0
247	4/27/2011 7:41	0	0
248	4/27/2011 7:42	0	0
249	4/27/2011 7:43	0	0
250	4/27/2011 7:44	0	0
251	4/27/2011 7:45	0	0
252	4/27/2011 7:46	0	0
253	4/27/2011 7:47	0	0
254	4/27/2011 7:48	0	0
255	4/27/2011 7:49	0	0

256	4/27/2011 7:50	0	0
257	4/27/2011 7:51	6	0.006
258	4/27/2011 7:52	16	0.016
259	4/27/2011 7:53	0	0
260	4/27/2011 7:54	0	0
261	4/27/2011 7:55	0	0
262	4/27/2011 7:56	0	0
263	4/27/2011 7:57	0	0
264	4/27/2011 7:58	0	0
265	4/27/2011 7:59	0	0
266	4/27/2011 8:00	0	0
267	4/27/2011 8:01	0	0
268	4/27/2011 8:02	0	0
269	4/27/2011 8:03	0	0
270	4/27/2011 8:04	0	0
271	4/27/2011 8:05	0	0
272	4/27/2011 8:06	0	0
273	4/27/2011 8:07	0	0
274	4/27/2011 8:08	0	0
275	4/27/2011 8:09	1	0.001
276	4/27/2011 8:10	0	0
277	4/27/2011 8:11	0	0
278	4/27/2011 8:12	0	0
279	4/27/2011 8:13	20	0.02
280	4/27/2011 8:14	0	0
281	4/27/2011 8:15	0	0
282	4/27/2011 8:16	0	0
283	4/27/2011 8:17	0	0
284	4/27/2011 8:18	0	0
285	4/27/2011 8:19	0	0
286	4/27/2011 8:20	0	0
287	4/27/2011 8:21	0	0
288	4/27/2011 8:22	0	0
289	4/27/2011 8:23	0	0
290	4/27/2011 8:24	0	0
291	4/27/2011 8:25	0	0
292	4/27/2011 8:26	0	0
293	4/27/2011 8:27	0	0
294	4/27/2011 8:28	0	0
295	4/27/2011 8:29	0	0
296	4/27/2011 8:30	0	0
297	4/27/2011 8:31	0	0
298	4/27/2011 8:32	0	0
299	4/27/2011 8:33	0	0
300	4/27/2011 8:34	0	0
301	4/27/2011 8:35	0	0
302	4/27/2011 8:36	0	0
303	4/27/2011 8:37	0	0
304	4/27/2011 8:38	0	0
305	4/27/2011 8:39	0	0
306	4/27/2011 8:40	0	0
307	4/27/2011 8:41	0	0
308	4/27/2011 8:42	0	0
309	4/27/2011 8:43	0	0
310	4/27/2011 8:44	0	0
311	4/27/2011 8:45	0	0
312	4/27/2011 8:46	0	0
313	4/27/2011 8:47	0	0
314	4/27/2011 8:48	0	0
315	4/27/2011 8:49	0	0
316	4/27/2011 8:50	0	0
317	4/27/2011 8:51	0	0
318	4/27/2011 8:52	0	0
319	4/27/2011 8:53	0	0
320	4/27/2011 8:54	0	0
321	4/27/2011 8:55	0	0
322	4/27/2011 8:56	0	0
323	4/27/2011 8:57	0	0
324	4/27/2011 8:58	0	0

325	4/27/2011 8:59	0	0
326	4/27/2011 9:00	0	0
327	4/27/2011 9:01	0	0
328	4/27/2011 9:02	0	0
329	4/27/2011 9:03	0	0
330	4/27/2011 9:04	0	0
331	4/27/2011 9:05	0	0
332	4/27/2011 9:06	0	0
333	4/27/2011 9:07	0	0
334	4/27/2011 9:08	0	0
335	4/27/2011 9:09	0	0
336	4/27/2011 9:10	0	0
337	4/27/2011 9:11	0	0
338	4/27/2011 9:12	0	0
339	4/27/2011 9:13	0	0
340	4/27/2011 9:14	0	0
341	4/27/2011 9:15	94	0.094
342	4/27/2011 9:16	0	0
343	4/27/2011 9:17	0	0
344	4/27/2011 9:18	0	0
345	4/27/2011 9:19	0	0
346	4/27/2011 9:20	0	0
347	4/27/2011 9:21	0	0
348	4/27/2011 9:22	11	0.011
349	4/27/2011 9:23	0	0
350	4/27/2011 9:24	0	0
351	4/27/2011 9:25	0	0
352	4/27/2011 9:26	0	0
353	4/27/2011 9:27	0	0
354	4/27/2011 9:28	0	0
355	4/27/2011 9:29	0	0
356	4/27/2011 9:30	0	0
357	4/27/2011 9:31	0	0
358	4/27/2011 9:32	0	0
359	4/27/2011 9:33	0	0
360	4/27/2011 9:34	0	0
361	4/27/2011 9:35	0	0
362	4/27/2011 9:36	0	0
363	4/27/2011 9:37	0	0
364	4/27/2011 9:38	0	0
365	4/27/2011 9:39	0	0
366	4/27/2011 9:40	0	0
367	4/27/2011 9:41	0	0
368	4/27/2011 9:42	0	0
369	4/27/2011 9:43	0	0
370	4/27/2011 9:44	0	0
371	4/27/2011 9:45	0	0
372	4/27/2011 9:46	0	0
373	4/27/2011 9:47	0	0
374	4/27/2011 9:48	0	0
375	4/27/2011 9:49	0	0
376	4/27/2011 9:50	0	0
377	4/27/2011 9:51	0	0
378	4/27/2011 9:52	0	0
379	4/27/2011 9:53	0	0
380	4/27/2011 9:54	0	0
381	4/27/2011 9:55	0	0
382	4/27/2011 9:56	0	0
383	4/27/2011 9:57	0	0
384	4/27/2011 9:58	0	0
385	4/27/2011 9:59	0	0
386	4/27/2011 10:00	0	0
387	4/27/2011 10:01	0	0
388	4/27/2011 10:02	0	0
389	4/27/2011 10:03	0	0
390	4/27/2011 10:04	0	0
391	4/27/2011 10:05	0	0
392	4/27/2011 10:06	0	0
393	4/27/2011 10:07	0	0

394	4/27/2011 10:08	0	0
395	4/27/2011 10:09	1	0.001
396	4/27/2011 10:10	0	0
397	4/27/2011 10:11	0	0
398	4/27/2011 10:12	0	0
399	4/27/2011 10:13	0	0
400	4/27/2011 10:14	0	0
401	4/27/2011 10:15	0	0
402	4/27/2011 10:16	0	0
403	4/27/2011 10:17	0	0
404	4/27/2011 10:18	0	0
405	4/27/2011 10:19	0	0
406	4/27/2011 10:20	0	0
407	4/27/2011 10:21	0	0
408	4/27/2011 10:22	0	0
409	4/27/2011 10:23	0	0
410	4/27/2011 10:24	0	0
411	4/27/2011 10:25	0	0
412	4/27/2011 10:26	0	0
413	4/27/2011 10:27	0	0
414	4/27/2011 10:28	0	0
415	4/27/2011 10:29	0	0
416	4/27/2011 10:30	0	0
417	4/27/2011 10:31	0	0
418	4/27/2011 10:32	0	0
419	4/27/2011 10:33	0	0
420	4/27/2011 10:34	0	0
421	4/27/2011 10:35	0	0
422	4/27/2011 10:36	0	0
423	4/27/2011 10:37	0	0
424	4/27/2011 10:38	0	0
425	4/27/2011 10:39	0	0
426	4/27/2011 10:40	0	0
427	4/27/2011 10:41	0	0
428	4/27/2011 10:42	0	0
429	4/27/2011 10:43	0	0
430	4/27/2011 10:44	0	0
431	4/27/2011 10:45	0	0
432	4/27/2011 10:46	0	0
433	4/27/2011 10:47	0	0
434	4/27/2011 10:48	0	0
435	4/27/2011 10:49	0	0
436	4/27/2011 10:50	0	0
437	4/27/2011 10:51	0	0
438	4/27/2011 10:52	0	0
439	4/27/2011 10:53	0	0
440	4/27/2011 10:54	0	0
441	4/27/2011 10:55	0	0
442	4/27/2011 10:56	0	0
443	4/27/2011 10:57	0	0
444	4/27/2011 10:58	0	0
445	4/27/2011 10:59	0	0
446	4/27/2011 11:00	0	0
447	4/27/2011 11:01	0	0
448	4/27/2011 11:02	108	0.108
449	4/27/2011 11:03	0	0
450	4/27/2011 11:04	0	0
451	4/27/2011 11:05	0	0
452	4/27/2011 11:06	0	0
453	4/27/2011 11:07	0	0
454	4/27/2011 11:08	0	0
455	4/27/2011 11:09	0	0
456	4/27/2011 11:10	0	0
457	4/27/2011 11:11	0	0
458	4/27/2011 11:12	0	0
459	4/27/2011 11:13	0	0
460	4/27/2011 11:14	0	0
461	4/27/2011 11:15	0	0
462	4/27/2011 11:16	0	0

463	4/27/2011 11:17	0	0
464	4/27/2011 11:18	0	0
465	4/27/2011 11:19	0	0
466	4/27/2011 11:20	0	0
467	4/27/2011 11:21	0	0
468	4/27/2011 11:22	0	0
469	4/27/2011 11:23	0	0
470	4/27/2011 11:24	0	0
471	4/27/2011 11:25	0	0
472	4/27/2011 11:26	0	0
473	4/27/2011 11:27	0	0
474	4/27/2011 11:28	0	0
475	4/27/2011 11:29	0	0
476	4/27/2011 11:30	0	0
477	4/27/2011 11:31	0	0
478	4/27/2011 11:32	0	0
479	4/27/2011 11:33	0	0
480	4/27/2011 11:34	0	0
481	4/27/2011 11:35	0	0
482	4/27/2011 11:36	0	0
483	4/27/2011 11:37	0	0
484	4/27/2011 11:38	0	0
485	4/27/2011 11:39	0	0
486	4/27/2011 11:40	0	0
487	4/27/2011 11:41	0	0
488	4/27/2011 11:42	28	0.028
489	4/27/2011 11:43	21	0.021
490	4/27/2011 11:44	41	0.041
491	4/27/2011 11:45	239	0.239
492	4/27/2011 11:46	442	0.442
493	4/27/2011 11:47	17	0.017
494	4/27/2011 11:48	0	0
495	4/27/2011 11:49	0	0
496	4/27/2011 11:50	0	0
497	4/27/2011 11:51	0	0
498	4/27/2011 11:52	0	0
499	4/27/2011 11:53	0	0
500	4/27/2011 11:54	0	0
501	4/27/2011 11:55	0	0
502	4/27/2011 11:56	0	0
503	4/27/2011 11:57	0	0
504	4/27/2011 11:58	0	0
505	4/27/2011 11:59	0	0
506	4/27/2011 12:00	0	0
507	4/27/2011 12:01	0	0
508	4/27/2011 12:02	0	0
509	4/27/2011 12:03	0	0
510	4/27/2011 12:04	0	0
511	4/27/2011 12:05	0	0
512	4/27/2011 12:06	0	0
513	4/27/2011 12:07	0	0
514	4/27/2011 12:08	0	0
515	4/27/2011 12:09	0	0
516	4/27/2011 12:10	0	0
517	4/27/2011 12:11	0	0
518	4/27/2011 12:12	0	0
519	4/27/2011 12:13	0	0
520	4/27/2011 12:14	0	0

=====Event #25 information (end)=====

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530110314
 Firmware Version 2.7
 Calibration Date 1/17/2011
 Test Name MANUAL_008
 Test Start Time 7:33:03 AM
 Test Start Date 4/27/2011
 Test Length [D:H:M] 0:13:55
 Test Interval [M:S] 1:00
 Mass Average [mg/m³] 0.025
 Mass Minimum [mg/m³] 0
 Mass Maximum [mg/m³] 0.125
 Mass TWA [mg/m³] 0
 Photometric User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 507

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
60	0.023		
120	0.022		
180	0.022		
240	0.022		
300	0.022		
360	0.022		
420	0.024		
480	0.024		
540	0.026		
600	0.026		
660	0.028		
720	0.027		
780	0.027		
840	0.027		
900	0.027		
960	0.028		
1020	0.028		
1080	0.029		
1140	0.03		
1200	0.029		
1260	0.029		
1320	0.03		
1380	0.03		
1440	0.03		
1500	0.031		
1560	0.03		
1620	0.03		
1680	0.032		
1740	0.043		
1800	0.032		
1860	0.032		
1920	0.03		
1980	0.029		
2040	0.029		
2100	0.029		
2160	0.028		
2220	0.03		
2280	0.038		
2340	0.031		
2400	0.038		
2460	0.037		
2520	0.033		
2580	0.028		
2640	0.034		
2700	0.032		
2760	0.032		
2820	0.032		
2880	0.037		
2940	0.037		

3000	0.044
3060	0.032
3120	0.035
3180	0.033
3240	0.032
3300	0.03
3360	0.031
3420	0.035
3480	0.04
3540	0.036
3600	0.047
3660	0.035
3720	0.042
3780	0.028
3840	0.029
3900	0.031
3960	0.029
4020	0.03
4080	0.03
4140	0.03
4200	0.027
4260	0.028
4320	0.028
4380	0.03
4440	0.03
4500	0.038
4560	0.036
4620	0.033
4680	0.039
4740	0.043
4800	0.046
4860	0.047
4920	0.042
4980	0.035
5040	0.039
5100	0.039
5160	0.041
5220	0.025
5280	0.025
5340	0.026
5400	0.037
5460	0.034
5520	0.034
5580	0.033
5640	0.034
5700	0.032
5760	0.031
5820	0.028
5880	0.029
5940	0.026
6000	0.031
6060	0.029
6120	0.026
6180	0.038
6240	0.038
6300	0.03
6360	0.027
6420	0.025
6480	0.024
6540	0.024
6600	0.024
6660	0.024
6720	0.023
6780	0.024
6840	0.024
6900	0.024
6960	0.024
7020	0.027
7080	0.032

7140	0.029
7200	0.025
7260	0.027
7320	0.027
7380	0.027
7440	0.025
7500	0.026
7560	0.026
7620	0.027
7680	0.027
7740	0.025
7800	0.024
7860	0.024
7920	0.025
7980	0.024
8040	0.025
8100	0.025
8160	0.026
8220	0.025
8280	0.024
8340	0.027
8400	0.024
8460	0.025
8520	0.026
8580	0.024
8640	0.024
8700	0.025
8760	0.024
8820	0.024
8880	0.024
8940	0.027
9000	0.031
9060	0.029
9120	0.025
9180	0.027
9240	0.024
9300	0.026
9360	0.025
9420	0.023
9480	0.024
9540	0.024
9600	0.024
9660	0.025
9720	0.025
9780	0.027
9840	0.027
9900	0.027
9960	0.028
10020	0.029
10080	0.031
10140	0.03
10200	0.028
10260	0.027
10320	0.027
10380	0.027
10440	0.029
10500	0.028
10560	0.03
10620	0.027
10680	0.027
10740	0.027
10800	0.125
10860	0.058
10920	0.034
10980	0.032
11040	0.052
11100	0.032
11160	0.026
11220	0.026

11280	0.026
11340	0.03
11400	0.029
11460	0.03
11520	0.031
11580	0.031
11640	0.03
11700	0.031
11760	0.031
11820	0.029
11880	0.03
11940	0.029
12000	0.028
12060	0.026
12120	0.026
12180	0.025
12240	0.024
12300	0.023
12360	0.024
12420	0.022
12480	0.023
12540	0.025
12600	0.024
12660	0.021
12720	0.02
12780	0.02
12840	0.019
12900	0.018
12960	0.019
13020	0.019
13080	0.019
13140	0.019
13200	0.019
13260	0.025
13320	0.018
13380	0.019
13440	0.02
13500	0.02
13560	0.02
13620	0.02
13680	0.02
13740	0.02
13800	0.02
13860	0.021
13920	0.02
13980	0.021
14040	0.02
14100	0.02
14160	0.023
14220	0.019
14280	0.018
14340	0.019
14400	0.018
14460	0.018
14520	0.018
14580	0.122
14640	0.062
14700	0.018
14760	0.018
14820	0.018
14880	0.017
14940	0.017
15000	0.017
15060	0.02
15120	0.017
15180	0.09
15240	0.036
15300	0.017
15360	0.018

15420	0.02
15480	0.016
15540	0.016
15600	0.017
15660	0.017
15720	0.019
15780	0.018
15840	0.018
15900	0.017
15960	0.018
16020	0.018
16080	0.019
16140	0.02
16200	0.051
16260	0.048
16320	0.02
16380	0.019
16440	0.018
16500	0.022
16560	0.02
16620	0.02
16680	0.019
16740	0.02
16800	0.02
16860	0.019
16920	0.019
16980	0.02
17040	0.02
17100	0.023
17160	0.021
17220	0.023
17280	0.022
17340	0.022
17400	0.026
17460	0.078
17520	0.087
17580	0.038
17640	0.022
17700	0.021
17760	0.022
17820	0.022
17880	0.021
17940	0.021
18000	0.02
18060	0.02
18120	0.02
18180	0.02
18240	0.021
18300	0.019
18360	0.019
18420	0.021
18480	0.021
18540	0.032
18600	0.033
18660	0.031
18720	0.021
18780	0.022
18840	0.024
18900	0.023
18960	0.022
19020	0.022
19080	0.022
19140	0.021
19200	0.021
19260	0.02
19320	0.02
19380	0.021
19440	0.02
19500	0.02

19560	0.02
19620	0.02
19680	0.02
19740	0.021
19800	0.02
19860	0.021
19920	0.02
19980	0.022
20040	0.021
20100	0.021
20160	0.023
20220	0.045
20280	0.022
20340	0.021
20400	0.022
20460	0.021
20520	0.041
20580	0.021
20640	0.021
20700	0.022
20760	0.022
20820	0.022
20880	0.022
20940	0.024
21000	0.022
21060	0.023
21120	0.022
21180	0.022
21240	0.022
21300	0.022
21360	0.022
21420	0.023
21480	0.039
21540	0.021
21600	0.021
21660	0.021
21720	0.022
21780	0.022
21840	0.021
21900	0.022
21960	0.021
22020	0.021
22080	0.022
22140	0.021
22200	0.02
22260	0.021
22320	0.039
22380	0.021
22440	0.021
22500	0.022
22560	0.021
22620	0.02
22680	0.021
22740	0.019
22800	0.021
22860	0.02
22920	0.023
22980	0.022
23040	0.037
23100	0.02
23160	0.019
23220	0.018
23280	0.018
23340	0.018
23400	0.017
23460	0.016
23520	0.017
23580	0.018
23640	0.017

23700	0.018
23760	0.02
23820	0.018
23880	0.018
23940	0.017
24000	0.017
24060	0.016
24120	0.017
24180	0.017
24240	0.016
24300	0.016
24360	0.015
24420	0.016
24480	0.015
24540	0.015
24600	0.014
24660	0.013
24720	0.014
24780	0.016
24840	0.015
24900	0.015
24960	0.016
25020	0.015
25080	0.017
25140	0.017
25200	0.016
25260	0.016
25320	0.017
25380	0.017
25440	0.017
25500	0.017
25560	0.016
25620	0.016
25680	0.015
25740	0.018
25800	0.027
25860	0.018
25920	0.018
25980	0.018
26040	0.016
26100	0.016
26160	0.017
26220	0.018
26280	0.019
26340	0.018
26400	0.016
26460	0.017
26520	0.017
26580	0.016
26640	0.018
26700	0.021
26760	0.02
26820	0.021
26880	0.034
26940	0.018
27000	0.017
27060	0.016
27120	0.017
27180	0.019
27240	0.017
27300	0.018
27360	0.018
27420	0.018
27480	0.018
27540	0.019
27600	0.018
27660	0.018
27720	0.031
27780	0.021

27840	0.021
27900	0.022
27960	0.021
28020	0.021
28080	0.024
28140	0.024
28200	0.025
28260	0.024
28320	0.023
28380	0.022
28440	0.023
28500	0.024
28560	0.024
28620	0.024
28680	0.024
28740	0.027
28800	0.024
28860	0.024
28920	0.024
28980	0.024
29040	0.026
29100	0.023
29160	0.022
29220	0.023
29280	0.025
29340	0.023
29400	0.024
29460	0.024
29520	0.024
29580	0.038
29640	0.024
29700	0.023
29760	0.023
29820	0.023
29880	0.023
29940	0.022
30000	0.022
30060	0.023
30120	0.023
30180	0.025
30240	0.024
30300	0.022
30360	0.025
50104	0

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530103310
 Firmware Version 2.6
 Calibration Date 8/12/2010
 Test Name MANUAL_003
 Test Start Time 7:38:20 AM
 Test Start Date 4/27/2011
 Test Length [D:H:M] 0:08:20
 Test Interval [M:S] 1:00
 Mass Average [mg/m³] 0.027
 Mass Minimum [mg/m³] 0.011
 Mass Maximum [mg/m³] 0.11
 Mass TWA [mg/m³] 0.027
 Photometric User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 500

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
60	0.023		
120	0.033		
180	0.025		
240	0.046		
300	0.03		
360	0.046		
420	0.053		
480	0.036		
540	0.059		
600	0.044		
660	0.046		
720	0.037		
780	0.027		
840	0.026		
900	0.026		
960	0.026		
1020	0.026		
1080	0.027		
1140	0.028		
1200	0.028		
1260	0.027		
1320	0.027		
1380	0.027		
1440	0.028		
1500	0.051		
1560	0.037		
1620	0.032		
1680	0.027		
1740	0.026		
1800	0.028		
1860	0.031		
1920	0.05		
1980	0.049		
2040	0.054		
2100	0.063		
2160	0.051		
2220	0.045		
2280	0.039		
2340	0.029		
2400	0.046		
2460	0.035		
2520	0.041		
2580	0.039		
2640	0.043		
2700	0.034		
2760	0.057		
2820	0.041		
2880	0.045		
2940	0.044		

3000	0.033
3060	0.059
3120	0.05
3180	0.038
3240	0.037
3300	0.038
3360	0.045
3420	0.05
3480	0.05
3540	0.057
3600	0.045
3660	0.049
3720	0.036
3780	0.033
3840	0.049
3900	0.042
3960	0.045
4020	0.032
4080	0.031
4140	0.035
4200	0.033
4260	0.04
4320	0.044
4380	0.038
4440	0.055
4500	0.04
4560	0.058
4620	0.051
4680	0.041
4740	0.039
4800	0.041
4860	0.04
4920	0.049
4980	0.029
5040	0.052
5100	0.028
5160	0.042
5220	0.042
5280	0.043
5340	0.04
5400	0.039
5460	0.038
5520	0.036
5580	0.037
5640	0.043
5700	0.04
5760	0.047
5820	0.035
5880	0.049
5940	0.067
6000	0.046
6060	0.039
6120	0.037
6180	0.029
6240	0.033
6300	0.025
6360	0.02
6420	0.033
6480	0.021
6540	0.024
6600	0.042
6660	0.026
6720	0.023
6780	0.03
6840	0.052
6900	0.039
6960	0.026
7020	0.045
7080	0.026

7140	0.033
7200	0.051
7260	0.026
7320	0.025
7380	0.041
7440	0.024
7500	0.029
7560	0.021
7620	0.026
7680	0.024
7740	0.019
7800	0.019
7860	0.083
7920	0.02
7980	0.019
8040	0.018
8100	0.019
8160	0.019
8220	0.021
8280	0.019
8340	0.019
8400	0.019
8460	0.019
8520	0.018
8580	0.017
8640	0.018
8700	0.022
8760	0.035
8820	0.021
8880	0.019
8940	0.02
9000	0.018
9060	0.017
9120	0.017
9180	0.018
9240	0.017
9300	0.018
9360	0.017
9420	0.019
9480	0.018
9540	0.026
9600	0.02
9660	0.02
9720	0.022
9780	0.023
9840	0.025
9900	0.024
9960	0.021
10020	0.043
10080	0.023
10140	0.019
10200	0.032
10260	0.025
10320	0.021
10380	0.021
10440	0.023
10500	0.021
10560	0.02
10620	0.02
10680	0.02
10740	0.02
10800	0.02
10860	0.028
10920	0.02
10980	0.02
11040	0.02
11100	0.023
11160	0.023
11220	0.023

11280	0.024
11340	0.024
11400	0.024
11460	0.024
11520	0.023
11580	0.022
11640	0.024
11700	0.021
11760	0.02
11820	0.019
11880	0.034
11940	0.033
12000	0.025
12060	0.029
12120	0.033
12180	0.021
12240	0.02
12300	0.016
12360	0.075
12420	0.018
12480	0.019
12540	0.018
12600	0.033
12660	0.015
12720	0.016
12780	0.028
12840	0.031
12900	0.016
12960	0.02
13020	0.026
13080	0.042
13140	0.02
13200	0.02
13260	0.019
13320	0.016
13380	0.013
13440	0.017
13500	0.016
13560	0.02
13620	0.02
13680	0.014
13740	0.014
13800	0.013
13860	0.012
13920	0.013
13980	0.012
14040	0.011
14100	0.012
14160	0.016
14220	0.027
14280	0.055
14340	0.018
14400	0.021
14460	0.016
14520	0.027
14580	0.015
14640	0.014
14700	0.012
14760	0.014
14820	0.015
14880	0.02
14940	0.013
15000	0.017
15060	0.015
15120	0.016
15180	0.016
15240	0.014
15300	0.018
15360	0.013

15420	0.025
15480	0.019
15540	0.019
15600	0.018
15660	0.012
15720	0.019
15780	0.017
15840	0.014
15900	0.017
15960	0.017
16020	0.032
16080	0.018
16140	0.017
16200	0.016
16260	0.015
16320	0.024
16380	0.016
16440	0.013
16500	0.014
16560	0.013
16620	0.013
16680	0.012
16740	0.013
16800	0.013
16860	0.016
16920	0.014
16980	0.016
17040	0.015
17100	0.019
17160	0.031
17220	0.039
17280	0.035
17340	0.028
17400	0.015
17460	0.014
17520	0.014
17580	0.014
17640	0.014
17700	0.013
17760	0.014
17820	0.013
17880	0.013
17940	0.013
18000	0.013
18060	0.013
18120	0.014
18180	0.013
18240	0.013
18300	0.015
18360	0.014
18420	0.027
18480	0.014
18540	0.015
18600	0.015
18660	0.015
18720	0.015
18780	0.015
18840	0.014
18900	0.015
18960	0.013
19020	0.014
19080	0.013
19140	0.013
19200	0.012
19260	0.013
19320	0.013
19380	0.013
19440	0.015
19500	0.013

19560	0.014
19620	0.014
19680	0.014
19740	0.034
19800	0.018
19860	0.017
19920	0.017
19980	0.028
20040	0.031
20100	0.015
20160	0.016
20220	0.022
20280	0.03
20340	0.026
20400	0.025
20460	0.024
20520	0.02
20580	0.019
20640	0.025
20700	0.028
20760	0.019
20820	0.025
20880	0.032
20940	0.025
21000	0.019
21060	0.026
21120	0.018
21180	0.018
21240	0.019
21300	0.038
21360	0.017
21420	0.015
21480	0.015
21540	0.014
21600	0.014
21660	0.015
21720	0.014
21780	0.013
21840	0.014
21900	0.013
21960	0.014
22020	0.016
22080	0.018
22140	0.024
22200	0.017
22260	0.026
22320	0.03
22380	0.034
22440	0.03
22500	0.03
22560	0.024
22620	0.021
22680	0.018
22740	0.018
22800	0.03
22860	0.019
22920	0.022
22980	0.026
23040	0.024
23100	0.017
23160	0.021
23220	0.021
23280	0.015
23340	0.016
23400	0.016
23460	0.018
23520	0.023
23580	0.015
23640	0.018

23700	0.012
23760	0.072
23820	0.082
23880	0.069
23940	0.061
24000	0.037
24060	0.014
24120	0.019
24180	0.017
24240	0.021
24300	0.096
24360	0.02
24420	0.026
24480	0.017
24540	0.023
24600	0.029
24660	0.016
24720	0.017
24780	0.014
24840	0.015
24900	0.014
24960	0.015
25020	0.019
25080	0.071
25140	0.024
25200	0.018
25260	0.016
25320	0.018
25380	0.021
25440	0.026
25500	0.018
25560	0.026
25620	0.032
25680	0.022
25740	0.029
25800	0.037
25860	0.017
25920	0.033
25980	0.021
26040	0.017
26100	0.017
26160	0.016
26220	0.018
26280	0.043
26340	0.032
26400	0.04
26460	0.104
26520	0.11
26580	0.033
26640	0.029
26700	0.03
26760	0.025
26820	0.031
26880	0.022
26940	0.026
27000	0.025
27060	0.026
27120	0.024
27180	0.024
27240	0.028
27300	0.026
27360	0.028
27420	0.022
27480	0.023
27540	0.027
27600	0.026
27660	0.028
27720	0.022
27780	0.028

27840	0.02
27900	0.022
27960	0.02
28020	0.019
28080	0.02
28140	0.089
28200	0.021
28260	0.021
28320	0.039
28380	0.07
28440	0.022
28500	0.021
28560	0.031
28620	0.023
28680	0.027
28740	0.024
28800	0.028
28860	0.026
28920	0.032
28980	0.021
29040	0.025
29100	0.021
29160	0.02
29220	0.02
29280	0.022
29340	0.025
29400	0.031
29460	0.025
29520	0.044
29580	0.02
29640	0.027
29700	0.022
29760	0.028
29820	0.021
29880	0.026
29940	0.024
30000	0.028

Client: National Grid
Location: Metropolitan
Date: 4/28/11
Field Personnel: J. Ehlen

Project: Project Number: b0137361
Weather: ~65°F, breezy, cloudy
Ambient Noise: ~71.5 dR

Community Air Monitoring Plan / Noise Field Log

* 8/15 - re-rated upwind pid was reading 1.1 ppm

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 902685

User ID: 00000001 Site ID: 00000020

Data Points: 54 Gas Name: Isobutylene Sample Period: 60 sec

Last Calibration Time: 04/28/2011 06:19

=====
Measurement Type: Min(ppm) Avg(ppm) Max(ppm)

High Alarm Levels: 100 100 100

Low Alarm Levels: 50 50 50

=====
Line# Date Time Min(ppm) Alarm Avg(ppm) Alarm Max(ppm) Alarm

=====
1 4/28/2011 6:21 0 26.1 93.1 L
2 4/28/2011 6:22 0 4.6 93.5 L
3 4/28/2011 6:23 0 0 0.1
4 4/28/2011 6:24 0.1 0.1 0.2
5 4/28/2011 6:25 0.2 0.2 0.3
6 4/28/2011 6:26 0.3 0.3 0.4
7 4/28/2011 6:27 0.3 0.3 0.4
8 4/28/2011 6:28 0.4 0.4 0.5
9 4/28/2011 6:29 0.4 0.4 0.4
10 4/28/2011 6:30 0.4 0.4 1.1
11 4/28/2011 6:31 0.4 0.4 0.4
12 4/28/2011 6:32 0.4 0.4 0.5
13 4/28/2011 6:33 0.4 0.4 0.5
14 4/28/2011 6:34 0.5 0.5 0.6
15 4/28/2011 6:35 0.5 0.5 0.6
16 4/28/2011 6:36 0.5 0.5 0.6
17 4/28/2011 6:37 0.5 0.5 0.6
18 4/28/2011 6:38 0.5 0.5 0.6
19 4/28/2011 6:39 0.5 0.5 0.8
20 4/28/2011 6:40 0.5 0.5 0.6
21 4/28/2011 6:41 0.5 0.5 0.5
22 4/28/2011 6:42 0.5 0.5 0.5
23 4/28/2011 6:43 0.5 0.5 0.6
24 4/28/2011 6:44 0.5 0.5 0.6
25 4/28/2011 6:45 0.5 0.5 0.6
26 4/28/2011 6:46 0.5 0.5 0.6
27 4/28/2011 6:47 0.6 0.6 0.6
28 4/28/2011 6:48 0.6 0.6 0.6
29 4/28/2011 6:49 0.6 0.6 0.7
30 4/28/2011 6:50 0.6 0.6 0.7
31 4/28/2011 6:51 0.7 0.7 0.8
32 4/28/2011 6:52 0.7 0.7 0.7
33 4/28/2011 6:53 0.7 0.7 0.8
34 4/28/2011 6:54 0.7 0.7 0.8
35 4/28/2011 6:55 0.7 0.7 0.8
36 4/28/2011 6:56 0.8 0.8 0.8
37 4/28/2011 6:57 0.8 0.8 0.8
38 4/28/2011 6:58 0.8 0.8 0.8
39 4/28/2011 6:59 0.8 0.8 0.8
40 4/28/2011 7:00 0.8 0.8 0.8
41 4/28/2011 7:01 0.8 0.8 0.9
42 4/28/2011 7:02 0.8 0.8 0.9
43 4/28/2011 7:03 0.8 0.8 0.9
44 4/28/2011 7:04 0.8 0.8 0.9
45 4/28/2011 7:05 0.9 0.9 0.9
46 4/28/2011 7:06 0.9 0.9 0.9
47 4/28/2011 7:07 0.9 0.9 1
48 4/28/2011 7:08 0.9 0.9 1
49 4/28/2011 7:09 0.9 0.9 1
50 4/28/2011 7:10 1 1 1.1
51 4/28/2011 7:11 1 1 1.1
52 4/28/2011 7:12 1.1 1.1 1.1
53 4/28/2011 7:13 1.1 1.1 1.1
54 4/28/2011 7:14 1 1 1.1

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 902685

User ID: 00000001 Site ID: 00000021

Data Points: 529 Gas Name: Isobutylene Sample Period: 60 sec

Last Calibration Time: 04/28/2011 06:19

=====
Measurement Type: Min(ppm) Avg(ppm) Max(ppm)
High Alarm Levels: 100 100 100
Low Alarm Levels: 50 50 50
=====

Line# Date Time Min(ppm) Alarm Avg(ppm) Alarm Max(ppm) Alarm

=====
1 4/28/2011 7:17 0 0 0
2 4/28/2011 7:18 0 0 0
3 4/28/2011 7:19 0 0 0
4 4/28/2011 7:20 0 0 0
5 4/28/2011 7:21 0 0 0
6 4/28/2011 7:22 0 0 0
7 4/28/2011 7:23 0 0 0
8 4/28/2011 7:24 0 0 0
9 4/28/2011 7:25 0 0 0
10 4/28/2011 7:26 0 0 0.1
11 4/28/2011 7:27 0 0 0.1
12 4/28/2011 7:28 0 0 0.1
13 4/28/2011 7:29 0 0 0.1
14 4/28/2011 7:30 0 0 0.1
15 4/28/2011 7:31 0 0 0
16 4/28/2011 7:32 0 0 0
17 4/28/2011 7:33 0 0 0
18 4/28/2011 7:34 0 0 0
19 4/28/2011 7:35 0 0 0
20 4/28/2011 7:36 0 0 0
21 4/28/2011 7:37 0 0 0
22 4/28/2011 7:38 0 0 0
23 4/28/2011 7:39 0 0 0
24 4/28/2011 7:40 0 0 0
25 4/28/2011 7:41 0 0 0.1
26 4/28/2011 7:42 0 0 0.1
27 4/28/2011 7:43 0.1 0.1 0.1
28 4/28/2011 7:44 0 0.1 0.2
29 4/28/2011 7:45 0.1 0.1 0.2
30 4/28/2011 7:46 0.1 0.1 0.1
31 4/28/2011 7:47 0.1 0.1 0.2
32 4/28/2011 7:48 0.1 0.1 0.2
33 4/28/2011 7:49 0.2 0.2 0.3
34 4/28/2011 7:50 0.2 0.2 0.4
35 4/28/2011 7:51 0.3 0.3 0.4
36 4/28/2011 7:52 0.3 0.3 0.4
37 4/28/2011 7:53 0.4 0.4 0.5
38 4/28/2011 7:54 0.5 0.5 0.6
39 4/28/2011 7:55 0.6 0.6 0.7
40 4/28/2011 7:56 0.6 0.6 0.7
41 4/28/2011 7:57 0.7 0.7 0.8
42 4/28/2011 7:58 0.7 0.7 0.8
43 4/28/2011 7:59 0.8 0.8 1.1
44 4/28/2011 8:00 1.1 1.1 1.2
45 4/28/2011 8:01 1.2 1.3 1.4
46 4/28/2011 8:02 1.4 1.4 1.5
47 4/28/2011 8:03 1.5 1.5 1.6
48 4/28/2011 8:04 1.6 1.6 1.6
49 4/28/2011 8:05 1.6 1.6 1.7
50 4/28/2011 8:06 1.7 1.7 1.9
51 4/28/2011 8:07 1.8 1.8 1.9
52 4/28/2011 8:08 1.8 1.8 1.9
53 4/28/2011 8:09 1.9 1.9 2
54 4/28/2011 8:10 1.8 1.8 1.9
55 4/28/2011 8:11 1.7 1.7 1.8
56 4/28/2011 8:12 1.7 1.7 1.8
57 4/28/2011 8:13 1.6 1.6 1.7
58 4/28/2011 8:14 1.6 1.6 1.7

59	4/28/2011 8:15	1.7	1.8	2.1
60	4/28/2011 8:16	2.1	2.6	3
61	4/28/2011 8:17	3	3.2	3.5
62	4/28/2011 8:18	3.4	3.5	3.7
63	4/28/2011 8:19	3.7	3.9	4
64	4/28/2011 8:20	4	4	4.1
65	4/28/2011 8:21	4	4	4.1
66	4/28/2011 8:22	3.9	4	4.2
67	4/28/2011 8:23	3.9	4	4.2
68	4/28/2011 8:24	4.1	4.1	4.2
69	4/28/2011 8:25	4.1	4.3	4.6
70	4/28/2011 8:26	4.6	4.6	5
71	4/28/2011 8:27	4.8	4.9	5.1
72	4/28/2011 8:28	5	5.4	6.6
73	4/28/2011 8:29	5.9	6	6.2
74	4/28/2011 8:30	5.3	5.5	5.9
75	4/28/2011 8:31	5.3	5.4	5.5
76	4/28/2011 8:32	5.5	5.9	6.4
77	4/28/2011 8:33	6.4	6.9	7.5
78	4/28/2011 8:34	7.5	7.9	8.5
79	4/28/2011 8:35	8.4	8.5	8.8
80	4/28/2011 8:36	8.6	8.7	9
81	4/28/2011 8:37	9	9.7	10.6
82	4/28/2011 8:38	10.3	10.4	10.6
83	4/28/2011 8:39	10.3	10.5	10.8
84	4/28/2011 8:40	10.4	10.7	11
85	4/28/2011 8:41	10	10.3	10.8
86	4/28/2011 8:42	9.4	9.7	10.1
87	4/28/2011 8:43	9.2	9.3	9.5
88	4/28/2011 8:44	9.1	9.5	9.7
89	4/28/2011 8:45	8.4	8.6	9.1
90	4/28/2011 8:46	7.7	8	8.4
91	4/28/2011 8:47	7.7	7.8	8.1
92	4/28/2011 8:48	8.1	8.4	8.6
93	4/28/2011 8:49	8.1	8.3	8.6
94	4/28/2011 8:50	7.8	8.2	8.7
95	4/28/2011 8:51	7.6	7.7	7.9
96	4/28/2011 8:52	7.9	8.2	8.6
97	4/28/2011 8:53	8.4	8.6	8.8
98	4/28/2011 8:54	7.7	8	8.4
99	4/28/2011 8:55	6.7	7.2	7.7
100	4/28/2011 8:56	6.3	6.5	6.8
101	4/28/2011 8:57	6.1	6.2	6.5
102	4/28/2011 8:58	6.5	6.7	7
103	4/28/2011 8:59	5.6	6.3	7
104	4/28/2011 9:00	5.1	5.2	5.6
105	4/28/2011 9:01	5.2	5.3	5.5
106	4/28/2011 9:02	5.1	5.1	5.2
107	4/28/2011 9:03	5.3	5.4	5.5
108	4/28/2011 9:04	5.4	5.5	5.7
109	4/28/2011 9:05	4.8	5.2	5.6
110	4/28/2011 9:06	4.6	4.6	4.8
111	4/28/2011 9:07	4.6	4.6	4.8
112	4/28/2011 9:08	4.4	4.5	4.8
113	4/28/2011 9:09	4.3	4.3	4.5
114	4/28/2011 9:10	3.6	4	4.3
115	4/28/2011 9:11	3.4	3.6	3.8
116	4/28/2011 9:12	3.1	3.3	3.4
117	4/28/2011 9:13	3	3.2	3.4
118	4/28/2011 9:14	2.9	3	3.2
119	4/28/2011 9:15	3	3.1	3.2
120	4/28/2011 9:16	2.7	2.8	3.1
121	4/28/2011 9:17	2.3	2.6	2.8
122	4/28/2011 9:18	2.2	2.2	2.3
123	4/28/2011 9:19	2	2.1	2.2
124	4/28/2011 9:20	1.9	2	2.2
125	4/28/2011 9:21	1.8	1.9	2
126	4/28/2011 9:22	1.7	1.7	1.9
127	4/28/2011 9:23	1.5	1.5	1.7

128	4/28/2011 9:24	1.3	1.4	1.5
129	4/28/2011 9:25	1.3	1.4	1.5
130	4/28/2011 9:26	1.3	1.3	1.5
131	4/28/2011 9:27	1.1	1.2	1.3
132	4/28/2011 9:28	1	1.1	1.2
133	4/28/2011 9:29	1	1	1.1
134	4/28/2011 9:30	0.9	0.9	1
135	4/28/2011 9:31	0.9	0.9	1
136	4/28/2011 9:32	0.9	0.9	1
137	4/28/2011 9:33	0.9	0.9	1
138	4/28/2011 9:34	0.9	0.9	1
139	4/28/2011 9:35	0.8	0.8	0.9
140	4/28/2011 9:36	0.7	0.7	0.8
141	4/28/2011 9:37	0.7	0.7	0.8
142	4/28/2011 9:38	0.6	0.6	0.7
143	4/28/2011 9:39	0.6	0.6	0.7
144	4/28/2011 9:40	0.6	0.6	0.7
145	4/28/2011 9:41	0.6	0.6	0.7
146	4/28/2011 9:42	0.6	0.6	0.7
147	4/28/2011 9:43	0.5	0.5	0.6
148	4/28/2011 9:44	0.5	0.5	0.6
149	4/28/2011 9:45	0.4	0.4	0.5
150	4/28/2011 9:46	0.5	0.5	0.6
151	4/28/2011 9:47	0.5	0.5	0.6
152	4/28/2011 9:48	0.5	0.5	0.6
153	4/28/2011 9:49	0.4	0.4	0.5
154	4/28/2011 9:50	0.3	0.4	0.5
155	4/28/2011 9:51	0.3	0.3	0.4
156	4/28/2011 9:52	0.3	0.3	0.4
157	4/28/2011 9:53	0.3	0.3	0.4
158	4/28/2011 9:54	0.3	0.3	0.4
159	4/28/2011 9:55	0.3	0.3	0.4
160	4/28/2011 9:56	0.2	0.2	0.3
161	4/28/2011 9:57	0.1	0.1	0.3
162	4/28/2011 9:58	0	0	0.1
163	4/28/2011 9:59	0	0	0
164	4/28/2011 10:00	0	0	0
165	4/28/2011 10:01	0	0	0
166	4/28/2011 10:02	0	0	0
167	4/28/2011 10:03	0	0	0
168	4/28/2011 10:04	0	0	0
169	4/28/2011 10:05	0	0	0
170	4/28/2011 10:06	0	0	0
171	4/28/2011 10:07	0	0	0
172	4/28/2011 10:08	0	0	0
173	4/28/2011 10:09	0	0	0
174	4/28/2011 10:10	0	0	0
175	4/28/2011 10:11	0	0	0
176	4/28/2011 10:12	0	0	0
177	4/28/2011 10:13	0	0	0
178	4/28/2011 10:14	0	0	0
179	4/28/2011 10:15	0	0	0
180	4/28/2011 10:16	0	0	0
181	4/28/2011 10:17	0	0	0
182	4/28/2011 10:18	0	0	0
183	4/28/2011 10:19	0	0	0
184	4/28/2011 10:20	0	0	0
185	4/28/2011 10:21	0	0	0
186	4/28/2011 10:22	0	0	0
187	4/28/2011 10:23	0	0	0
188	4/28/2011 10:24	0	0	0
189	4/28/2011 10:25	0	0	0
190	4/28/2011 10:26	0	0	0
191	4/28/2011 10:27	0	0	0
192	4/28/2011 10:28	0	0	0
193	4/28/2011 10:29	0	0	0
194	4/28/2011 10:30	0	0	0
195	4/28/2011 10:31	0	0	0
196	4/28/2011 10:32	0	0	0

197	4/28/2011 10:33	0	0	0
198	4/28/2011 10:34	0	0	0
199	4/28/2011 10:35	0	0	0
200	4/28/2011 10:36	0	0	0
201	4/28/2011 10:37	0	0	0
202	4/28/2011 10:38	0	0	0
203	4/28/2011 10:39	0	0	0
204	4/28/2011 10:40	0	0	0
205	4/28/2011 10:41	0	0	0
206	4/28/2011 10:42	0	0	0
207	4/28/2011 10:43	0	0	0
208	4/28/2011 10:44	0	0	0
209	4/28/2011 10:45	0	0	0
210	4/28/2011 10:46	0	0	0
211	4/28/2011 10:47	0	0	0
212	4/28/2011 10:48	0	0	0
213	4/28/2011 10:49	0	0	0
214	4/28/2011 10:50	0	0	0
215	4/28/2011 10:51	0	0	0
216	4/28/2011 10:52	0	0	0
217	4/28/2011 10:53	0	0	0
218	4/28/2011 10:54	0	0	0
219	4/28/2011 10:55	0	0	0
220	4/28/2011 10:56	0	0	0
221	4/28/2011 10:57	0	0	0
222	4/28/2011 10:58	0	0	0
223	4/28/2011 10:59	0	0	0
224	4/28/2011 11:00	0	0	0
225	4/28/2011 11:01	0	0	0
226	4/28/2011 11:02	0	0	0
227	4/28/2011 11:03	0	0	0
228	4/28/2011 11:04	0	0	0
229	4/28/2011 11:05	0	0	0
230	4/28/2011 11:06	0	0	0
231	4/28/2011 11:07	0	0	0
232	4/28/2011 11:08	0	0	0
233	4/28/2011 11:09	0	0	0
234	4/28/2011 11:10	0	0	0
235	4/28/2011 11:11	0	0	0
236	4/28/2011 11:12	0	0	0
237	4/28/2011 11:13	0	0	0
238	4/28/2011 11:14	0	0	0
239	4/28/2011 11:15	0	0	0
240	4/28/2011 11:16	0	0	0
241	4/28/2011 11:17	0	0	0
242	4/28/2011 11:18	0	0	0
243	4/28/2011 11:19	0	0	0
244	4/28/2011 11:20	0	0	0
245	4/28/2011 11:21	0	0	0
246	4/28/2011 11:22	0	0	0
247	4/28/2011 11:23	0	0	0
248	4/28/2011 11:24	0	0	0
249	4/28/2011 11:25	0	0	0
250	4/28/2011 11:26	0	0	0
251	4/28/2011 11:27	0	0	0
252	4/28/2011 11:28	0	0	0
253	4/28/2011 11:29	0	0	0
254	4/28/2011 11:30	0	0	0
255	4/28/2011 11:31	0	0	0
256	4/28/2011 11:32	0	0	0
257	4/28/2011 11:33	0	0	0
258	4/28/2011 11:34	0	0	0
259	4/28/2011 11:35	0	0	0
260	4/28/2011 11:36	0	0	0
261	4/28/2011 11:37	0	0	0
262	4/28/2011 11:38	0	0	0
263	4/28/2011 11:39	0	0	0
264	4/28/2011 11:40	0	0	0
265	4/28/2011 11:41	0	0	0

266	4/28/2011 11:42	0	0	0
267	4/28/2011 11:43	0	0	0
268	4/28/2011 11:44	0	0	0
269	4/28/2011 11:45	0	0	0
270	4/28/2011 11:46	0	0	0
271	4/28/2011 11:47	0	0	0
272	4/28/2011 11:48	0	0	0
273	4/28/2011 11:49	0	0	0
274	4/28/2011 11:50	0	0	0
275	4/28/2011 11:51	0	0	0
276	4/28/2011 11:52	0	0	0
277	4/28/2011 11:53	0	0	0
278	4/28/2011 11:54	0	0	0
279	4/28/2011 11:55	0	0	0
280	4/28/2011 11:56	0	0	0
281	4/28/2011 11:57	0	0	0
282	4/28/2011 11:58	0	0	0
283	4/28/2011 11:59	0	0	0
284	4/28/2011 12:00	0	0	0
285	4/28/2011 12:01	0	0	0
286	4/28/2011 12:02	0	0	0
287	4/28/2011 12:03	0	0	0
288	4/28/2011 12:04	0	0	0
289	4/28/2011 12:05	0	0	0
290	4/28/2011 12:06	0	0	0
291	4/28/2011 12:07	0	0	0
292	4/28/2011 12:08	0	0	0
293	4/28/2011 12:09	0	0	0
294	4/28/2011 12:10	0	0	0
295	4/28/2011 12:11	0	0	0
296	4/28/2011 12:12	0	0	0
297	4/28/2011 12:13	0	0	0
298	4/28/2011 12:14	0	0	0
299	4/28/2011 12:15	0	0	0
300	4/28/2011 12:16	0	0	0
301	4/28/2011 12:17	0	0	0
302	4/28/2011 12:18	0	0	0
303	4/28/2011 12:19	0	0	0
304	4/28/2011 12:20	0	0	0
305	4/28/2011 12:21	0	0	0
306	4/28/2011 12:22	0	0	0
307	4/28/2011 12:23	0	0	0
308	4/28/2011 12:24	0	0	0
309	4/28/2011 12:25	0	0	0
310	4/28/2011 12:26	0	0	0
311	4/28/2011 12:27	0	0	0
312	4/28/2011 12:28	0	0	0
313	4/28/2011 12:29	0	0	0
314	4/28/2011 12:30	0	0	0
315	4/28/2011 12:31	0	0	0
316	4/28/2011 12:32	0	0	0
317	4/28/2011 12:33	0	0	0
318	4/28/2011 12:34	0	0	0
319	4/28/2011 12:35	0	0	0
320	4/28/2011 12:36	0	0	0
321	4/28/2011 12:37	0	0	0
322	4/28/2011 12:38	0	0	0
323	4/28/2011 12:39	0	0	0
324	4/28/2011 12:40	0	0	0
325	4/28/2011 12:41	0	0	0
326	4/28/2011 12:42	0	0	0.1
327	4/28/2011 12:43	0	0	0.1
328	4/28/2011 12:44	0	0	0.1
329	4/28/2011 12:45	0	0	0.1
330	4/28/2011 12:46	0	0	0.1
331	4/28/2011 12:47	0	0	0.1
332	4/28/2011 12:48	0	0	0.1
333	4/28/2011 12:49	0	0	0.1
334	4/28/2011 12:50	0.1	0.1	0.2

335	4/28/2011 12:51	0.1	0.1	0.3
336	4/28/2011 12:52	0.1	0.1	0.2
337	4/28/2011 12:53	0.2	0.2	0.3
338	4/28/2011 12:54	0.3	0.3	0.4
339	4/28/2011 12:55	0.3	0.3	0.4
340	4/28/2011 12:56	0.3	0.3	0.4
341	4/28/2011 12:57	0.3	0.4	0.5
342	4/28/2011 12:58	0.5	0.6	0.7
343	4/28/2011 12:59	0.4	0.4	0.6
344	4/28/2011 13:00	0.3	0.3	0.4
345	4/28/2011 13:01	0.4	0.4	0.5
346	4/28/2011 13:02	0.4	0.5	0.6
347	4/28/2011 13:03	0.4	0.4	0.6
348	4/28/2011 13:04	0.4	0.5	0.6
349	4/28/2011 13:05	0.6	0.6	0.7
350	4/28/2011 13:06	0.6	0.6	0.7
351	4/28/2011 13:07	0.7	0.7	0.8
352	4/28/2011 13:08	0.7	0.8	0.9
353	4/28/2011 13:09	0.8	0.9	1.1
354	4/28/2011 13:10	1	1.1	1.3
355	4/28/2011 13:11	1	1	1.2
356	4/28/2011 13:12	0.9	0.9	1.1
357	4/28/2011 13:13	0.8	0.8	1.1
358	4/28/2011 13:14	0.8	0.9	1.1
359	4/28/2011 13:15	1	1	1.1
360	4/28/2011 13:16	1.1	1.1	1.2
361	4/28/2011 13:17	1.1	1.2	1.5
362	4/28/2011 13:18	1.5	1.6	1.7
363	4/28/2011 13:19	1.6	1.6	1.8
364	4/28/2011 13:20	1.6	1.6	1.8
365	4/28/2011 13:21	1.7	1.9	2
366	4/28/2011 13:22	1.8	1.8	2
367	4/28/2011 13:23	1.7	1.7	1.8
368	4/28/2011 13:24	1.7	1.8	1.9
369	4/28/2011 13:25	1.9	2	2.1
370	4/28/2011 13:26	2.1	2.1	2.2
371	4/28/2011 13:27	2.1	2.1	2.2
372	4/28/2011 13:28	2.1	2.1	2.3
373	4/28/2011 13:29	2.2	2.2	2.3
374	4/28/2011 13:30	2.1	2.2	2.3
375	4/28/2011 13:31	2.2	2.2	2.4
376	4/28/2011 13:32	2.1	2.2	2.3
377	4/28/2011 13:33	2	2	2.1
378	4/28/2011 13:34	1.8	1.8	2
379	4/28/2011 13:35	1.8	1.8	1.9
380	4/28/2011 13:36	1.8	1.9	2.1
381	4/28/2011 13:37	1.9	1.9	2
382	4/28/2011 13:38	1.6	1.8	2
383	4/28/2011 13:39	1.6	1.6	1.8
384	4/28/2011 13:40	1.8	1.8	2
385	4/28/2011 13:41	2	2	2.1
386	4/28/2011 13:42	1.9	1.9	2.1
387	4/28/2011 13:43	1.8	1.8	1.9
388	4/28/2011 13:44	1.5	1.6	1.8
389	4/28/2011 13:45	1.5	1.5	1.7
390	4/28/2011 13:46	1.7	1.7	1.9
391	4/28/2011 13:47	1.8	1.9	2
392	4/28/2011 13:48	2	2.1	2.3
393	4/28/2011 13:49	2.3	2.5	2.6
394	4/28/2011 13:50	2.5	2.5	2.6
395	4/28/2011 13:51	2.4	2.4	2.5
396	4/28/2011 13:52	2.4	2.4	2.5
397	4/28/2011 13:53	2.3	2.3	2.4
398	4/28/2011 13:54	2.2	2.3	2.5
399	4/28/2011 13:55	2.5	2.5	2.8
400	4/28/2011 13:56	2.8	2.9	3.5
401	4/28/2011 13:57	3.2	3.5	4
402	4/28/2011 13:58	3.8	3.9	4.1
403	4/28/2011 13:59	4.1	4.3	4.7

404	4/28/2011 14:00	4.7	4.7	4.9
405	4/28/2011 14:01	4.9	4.9	5.1
406	4/28/2011 14:02	5	5	5.2
407	4/28/2011 14:03	5	5	5.1
408	4/28/2011 14:04	5	5.1	5.2
409	4/28/2011 14:05	5.2	5.3	5.6
410	4/28/2011 14:06	5.6	5.9	6.3
411	4/28/2011 14:07	6.3	6.3	6.4
412	4/28/2011 14:08	6.4	6.4	6.7
413	4/28/2011 14:09	6.7	6.9	7
414	4/28/2011 14:10	6.3	6.5	6.8
415	4/28/2011 14:11	6.1	6.1	6.3
416	4/28/2011 14:12	5.4	5.8	6.2
417	4/28/2011 14:13	5.1	5.1	5.4
418	4/28/2011 14:14	5.1	5.2	5.4
419	4/28/2011 14:15	5.3	5.3	5.4
420	4/28/2011 14:16	5.3	5.3	5.3
421	4/28/2011 14:17	5.3	5.4	5.6
422	4/28/2011 14:18	5.4	5.6	6
423	4/28/2011 14:19	6	6.1	6.3
424	4/28/2011 14:20	6.2	6.4	6.6
425	4/28/2011 14:21	6.2	6.3	6.6
426	4/28/2011 14:22	6.1	6.2	6.4
427	4/28/2011 14:23	6.4	6.6	6.8
428	4/28/2011 14:24	6.8	6.9	7
429	4/28/2011 14:25	7	7.1	7.2
430	4/28/2011 14:26	7.2	7.3	7.5
431	4/28/2011 14:27	7.6	7.9	8.1
432	4/28/2011 14:28	8.1	8.2	8.4
433	4/28/2011 14:29	8.3	8.6	8.9
434	4/28/2011 14:30	8.9	9.1	9.4
435	4/28/2011 14:31	9.4	9.6	10
436	4/28/2011 14:32	9.9	10.3	10.6
437	4/28/2011 14:33	10.6	11.5	12.2
438	4/28/2011 14:34	12	12.1	12.4
439	4/28/2011 14:35	11.9	12	12.4
440	4/28/2011 14:36	12.4	13.3	14
441	4/28/2011 14:37	13.8	14.7	15.4
442	4/28/2011 14:38	13.3	14.2	15.1
443	4/28/2011 14:39	13.2	13.4	13.8
444	4/28/2011 14:40	13.9	14.2	15.1
445	4/28/2011 14:41	15.2	17.1	19.2
446	4/28/2011 14:42	17.1	18	18.9
447	4/28/2011 14:43	16.7	17.5	18.2
448	4/28/2011 14:44	15.4	16.1	17.2
449	4/28/2011 14:45	12.7	14.7	16
450	4/28/2011 14:46	10.1	11.1	12.7
451	4/28/2011 14:47	8.5	9.2	10.1
452	4/28/2011 14:48	8.3	8.3	8.5
453	4/28/2011 14:49	8.3	8.4	8.5
454	4/28/2011 14:50	8.5	8.6	8.8
455	4/28/2011 14:51	8.2	8.5	8.8
456	4/28/2011 14:52	7.8	7.9	8.3
457	4/28/2011 14:53	7.9	8	8.3
458	4/28/2011 14:54	7.7	8.1	8.3
459	4/28/2011 14:55	7.7	7.7	7.8
460	4/28/2011 14:56	7.6	7.7	7.9
461	4/28/2011 14:57	6.9	7.2	7.7
462	4/28/2011 14:58	6.9	7.4	7.8
463	4/28/2011 14:59	6.9	7.3	8
464	4/28/2011 15:00	7.9	8	8.2
465	4/28/2011 15:01	6.6	7.1	7.9
466	4/28/2011 15:02	6.1	6.2	6.6
467	4/28/2011 15:03	6.3	6.4	6.5
468	4/28/2011 15:04	6.1	6.2	6.5
469	4/28/2011 15:05	6.1	6.2	6.5
470	4/28/2011 15:06	6.5	6.8	7
471	4/28/2011 15:07	6.1	6.5	6.8
472	4/28/2011 15:08	6.2	6.2	6.6

473	4/28/2011 15:09	6.6	6.9	7.2
474	4/28/2011 15:10	6.4	6.8	7.1
475	4/28/2011 15:11	6	6.1	6.4
476	4/28/2011 15:12	5.8	5.9	6.1
477	4/28/2011 15:13	5.7	5.9	6.1
478	4/28/2011 15:14	5.3	5.3	5.7
479	4/28/2011 15:15	4.2	4.7	5.4
480	4/28/2011 15:16	4	4.1	4.2
481	4/28/2011 15:17	4	4.1	4.4
482	4/28/2011 15:18	3.5	3.6	3.9
483	4/28/2011 15:19	3.3	3.5	3.9
484	4/28/2011 15:20	3.8	4	4.2
485	4/28/2011 15:21	3.5	3.6	3.8
486	4/28/2011 15:22	3.2	3.4	3.7
487	4/28/2011 15:23	2.8	3	3.3
488	4/28/2011 15:24	2.8	2.8	2.9
489	4/28/2011 15:25	2.7	2.8	3
490	4/28/2011 15:26	3	3	3.2
491	4/28/2011 15:27	2.6	2.8	3.1
492	4/28/2011 15:28	2.6	2.9	3.3
493	4/28/2011 15:29	3.2	3.2	3.3
494	4/28/2011 15:30	2.4	2.8	3.2
495	4/28/2011 15:31	1.9	2	2.4
496	4/28/2011 15:32	1.9	2.1	2.3
497	4/28/2011 15:33	2	2.1	2.3
498	4/28/2011 15:34	1.9	1.9	2.1
499	4/28/2011 15:35	1.8	1.8	2
500	4/28/2011 15:36	1.8	1.8	1.9
501	4/28/2011 15:37	1.8	1.8	1.9
502	4/28/2011 15:38	1.8	1.8	1.9
503	4/28/2011 15:39	1.9	1.9	2
504	4/28/2011 15:40	1.8	1.8	1.9
505	4/28/2011 15:41	1.8	1.8	2
506	4/28/2011 15:42	2	2	2.2
507	4/28/2011 15:43	2.1	2.1	2.3
508	4/28/2011 15:44	2	2.1	2.2
509	4/28/2011 15:45	2	2	2.1
510	4/28/2011 15:46	1.9	2	2.1
511	4/28/2011 15:47	1.9	1.9	2
512	4/28/2011 15:48	1.9	2	2.2
513	4/28/2011 15:49	2.1	2.2	2.3
514	4/28/2011 15:50	1.9	1.9	2.1
515	4/28/2011 15:51	2	2	2.1
516	4/28/2011 15:52	1.9	2	2.2
517	4/28/2011 15:53	1.7	1.7	1.8
518	4/28/2011 15:54	1.7	1.7	1.9
519	4/28/2011 15:55	1.6	1.6	1.8
520	4/28/2011 15:56	1.7	1.8	1.9
521	4/28/2011 15:57	1.7	1.7	1.9
522	4/28/2011 15:58	1.6	1.6	1.7
523	4/28/2011 15:59	1.4	1.5	1.6
524	4/28/2011 16:00	1.4	1.4	1.5
525	4/28/2011 16:01	1.3	1.3	1.4
526	4/28/2011 16:02	1.3	1.3	1.4
527	4/28/2011 16:03	1.3	1.3	1.4
528	4/28/2011 16:04	1.3	1.4	1.6
529	4/28/2011 16:05	1.5	1.5	1.6

=====Event #28 information (begin)=====

=====Event #28 name:]-[Event #28]2011-04-28 03:34-->2011-04-28 13:32

[Event start time:]-2011-04-28 03:34:15[Event end time:]-2011-04-28 13:32:15

=====Event #28 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905367

Data Points: 598 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====Sensor Information : PID(ppb)=====

Measurement Gas : Isobutene

Calibration Time : 2011-04-28 03:33:00

Drift Value : ---

Low Alarm Levels : 21738

High Alarm Levels : 43476

Span Value : 100000

Correction Factor : 1.00

Over Alarm Levels : 15000000

=====Event #28 data informations=====

LINE#	Date/Time	PID(ppb)	PID(ppm)
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1	4/28/2011 3:35	0	0
2	4/28/2011 3:36	0	0
3	4/28/2011 3:37	0	0
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511	4/28/2011 12:05	0	0
512	4/28/2011 12:06	0	0
513	4/28/2011 12:07	0	0
514	4/28/2011 12:08	0	0
515	4/28/2011 12:09	0	0
516	4/28/2011 12:10	0	0
517	4/28/2011 12:11	0	0
518	4/28/2011 12:12	0	0
519	4/28/2011 12:13	0	0
520	4/28/2011 12:14	0	0
521	4/28/2011 12:15	0	0
522	4/28/2011 12:16	0	0
523	4/28/2011 12:17	0	0
524	4/28/2011 12:18	0	0
525	4/28/2011 12:19	0	0
526	4/28/2011 12:20	0	0
527	4/28/2011 12:21	0	0
528	4/28/2011 12:22	0	0
529	4/28/2011 12:23	0	0
530	4/28/2011 12:24	0	0
531	4/28/2011 12:25	0	0

532	4/28/2011 12:26	0	0
533	4/28/2011 12:27	0	0
534	4/28/2011 12:28	0	0
535	4/28/2011 12:29	0	0
536	4/28/2011 12:30	0	0
537	4/28/2011 12:31	0	0
538	4/28/2011 12:32	0	0
539	4/28/2011 12:33	0	0
540	4/28/2011 12:34	0	0
541	4/28/2011 12:35	0	0
542	4/28/2011 12:36	0	0
543	4/28/2011 12:37	0	0
544	4/28/2011 12:38	0	0
545	4/28/2011 12:39	0	0
546	4/28/2011 12:40	0	0
547	4/28/2011 12:41	0	0
548	4/28/2011 12:42	0	0
549	4/28/2011 12:43	0	0
550	4/28/2011 12:44	0	0
551	4/28/2011 12:45	0	0
552	4/28/2011 12:46	0	0
553	4/28/2011 12:47	0	0
554	4/28/2011 12:48	0	0
555	4/28/2011 12:49	0	0
556	4/28/2011 12:50	0	0
557	4/28/2011 12:51	0	0
558	4/28/2011 12:52	0	0
559	4/28/2011 12:53	0	0
560	4/28/2011 12:54	0	0
561	4/28/2011 12:55	0	0
562	4/28/2011 12:56	0	0
563	4/28/2011 12:57	0	0
564	4/28/2011 12:58	0	0
565	4/28/2011 12:59	0	0
566	4/28/2011 13:00	0	0
567	4/28/2011 13:01	0	0
568	4/28/2011 13:02	0	0
569	4/28/2011 13:03	0	0
570	4/28/2011 13:04	0	0
571	4/28/2011 13:05	0	0
572	4/28/2011 13:06	0	0
573	4/28/2011 13:07	0	0
574	4/28/2011 13:08	0	0
575	4/28/2011 13:09	0	0
576	4/28/2011 13:10	0	0
577	4/28/2011 13:11	0	0
578	4/28/2011 13:12	0	0
579	4/28/2011 13:13	0	0
580	4/28/2011 13:14	0	0
581	4/28/2011 13:15	0	0
582	4/28/2011 13:16	0	0
583	4/28/2011 13:17	0	0
584	4/28/2011 13:18	0	0
585	4/28/2011 13:19	0	0
586	4/28/2011 13:20	0	0
587	4/28/2011 13:21	0	0
588	4/28/2011 13:22	0	0
589	4/28/2011 13:23	0	0
590	4/28/2011 13:24	0	0
591	4/28/2011 13:25	0	0
592	4/28/2011 13:26	0	0
593	4/28/2011 13:27	0	0
594	4/28/2011 13:28	0	0
595	4/28/2011 13:29	0	0
596	4/28/2011 13:30	0	0
597	4/28/2011 13:31	0	0
598	4/28/2011 13:32	0	0

=====Event #28 information (end)=====

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530110314
 Firmware Version 2.7
 Calibration Date 1/17/2011
 Test Name MANUAL_009
 Test Start Time 7:39:46 AM
 Test Start Date 4/28/2011
 Test Length [D:H:M] 0:09:26
 Test Interval [M:S] 1:00
 Mass Average [mg/m³] 0.025
 Mass Minimum [mg/m³] 0.017
 Mass Maximum [mg/m³] 0.066
 Mass TWA [mg/m³] 0.025
 Photometric User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 566

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
60	0.02		
120	0.02		
180	0.019		
240	0.019		
300	0.019		
360	0.018		
420	0.018		
480	0.017		
540	0.018		
600	0.018		
660	0.018		
720	0.018		
780	0.018		
840	0.019		
900	0.02		
960	0.018		
1020	0.019		
1080	0.019		
1140	0.019		
1200	0.019		
1260	0.019		
1320	0.019		
1380	0.018		
1440	0.019		
1500	0.019		
1560	0.019		
1620	0.019		
1680	0.019		
1740	0.02		
1800	0.02		
1860	0.02		
1920	0.02		
1980	0.02		
2040	0.019		
2100	0.021		
2160	0.02		
2220	0.023		
2280	0.022		
2340	0.02		
2400	0.02		
2460	0.02		
2520	0.02		
2580	0.02		
2640	0.02		
2700	0.021		
2760	0.021		
2820	0.022		
2880	0.02		
2940	0.021		

3000	0.021
3060	0.02
3120	0.02
3180	0.02
3240	0.022
3300	0.021
3360	0.021
3420	0.021
3480	0.021
3540	0.021
3600	0.021
3660	0.021
3720	0.022
3780	0.022
3840	0.022
3900	0.022
3960	0.022
4020	0.022
4080	0.023
4140	0.023
4200	0.022
4260	0.023
4320	0.023
4380	0.024
4440	0.024
4500	0.024
4560	0.022
4620	0.022
4680	0.022
4740	0.021
4800	0.024
4860	0.021
4920	0.02
4980	0.021
5040	0.022
5100	0.021
5160	0.022
5220	0.02
5280	0.021
5340	0.018
5400	0.018
5460	0.023
5520	0.019
5580	0.019
5640	0.019
5700	0.019
5760	0.02
5820	0.019
5880	0.019
5940	0.02
6000	0.02
6060	0.019
6120	0.021
6180	0.019
6240	0.019
6300	0.02
6360	0.021
6420	0.021
6480	0.023
6540	0.022
6600	0.02
6660	0.02
6720	0.019
6780	0.019
6840	0.018
6900	0.019
6960	0.02
7020	0.02
7080	0.019

7140	0.022
7200	0.022
7260	0.022
7320	0.021
7380	0.021
7440	0.022
7500	0.023
7560	0.023
7620	0.023
7680	0.022
7740	0.022
7800	0.024
7860	0.022
7920	0.021
7980	0.023
8040	0.022
8100	0.021
8160	0.021
8220	0.021
8280	0.025
8340	0.023
8400	0.022
8460	0.022
8520	0.022
8580	0.022
8640	0.021
8700	0.022
8760	0.02
8820	0.02
8880	0.021
8940	0.021
9000	0.021
9060	0.021
9120	0.02
9180	0.02
9240	0.02
9300	0.021
9360	0.021
9420	0.02
9480	0.02
9540	0.027
9600	0.021
9660	0.066
9720	0.02
9780	0.02
9840	0.021
9900	0.02
9960	0.02
10020	0.02
10080	0.019
10140	0.019
10200	0.02
10260	0.022
10320	0.021
10380	0.025
10440	0.021
10500	0.021
10560	0.021
10620	0.02
10680	0.02
10740	0.021
10800	0.024
10860	0.025
10920	0.024
10980	0.024
11040	0.026
11100	0.033
11160	0.027
11220	0.026

11280	0.023
11340	0.022
11400	0.021
11460	0.02
11520	0.021
11580	0.023
11640	0.022
11700	0.023
11760	0.025
11820	0.021
11880	0.033
11940	0.021
12000	0.02
12060	0.019
12120	0.019
12180	0.021
12240	0.024
12300	0.02
12360	0.022
12420	0.024
12480	0.021
12540	0.02
12600	0.02
12660	0.02
12720	0.02
12780	0.021
12840	0.021
12900	0.021
12960	0.022
13020	0.019
13080	0.02
13140	0.019
13200	0.019
13260	0.02
13320	0.019
13380	0.019
13440	0.019
13500	0.02
13560	0.02
13620	0.02
13680	0.019
13740	0.019
13800	0.031
13860	0.02
13920	0.02
13980	0.021
14040	0.02
14100	0.02
14160	0.022
14220	0.021
14280	0.02
14340	0.02
14400	0.021
14460	0.02
14520	0.022
14580	0.023
14640	0.021
14700	0.027
14760	0.022
14820	0.023
14880	0.023
14940	0.022
15000	0.022
15060	0.022
15120	0.021
15180	0.022
15240	0.022
15300	0.021
15360	0.021

15420	0.022
15480	0.021
15540	0.021
15600	0.021
15660	0.021
15720	0.021
15780	0.02
15840	0.021
15900	0.021
15960	0.02
16020	0.021
16080	0.021
16140	0.02
16200	0.02
16260	0.021
16320	0.02
16380	0.02
16440	0.019
16500	0.021
16560	0.022
16620	0.021
16680	0.022
16740	0.023
16800	0.024
16860	0.023
16920	0.041
16980	0.023
17040	0.024
17100	0.023
17160	0.022
17220	0.025
17280	0.022
17340	0.022
17400	0.023
17460	0.024
17520	0.024
17580	0.025
17640	0.024
17700	0.024
17760	0.026
17820	0.026
17880	0.024
17940	0.023
18000	0.026
18060	0.025
18120	0.026
18180	0.025
18240	0.026
18300	0.027
18360	0.027
18420	0.025
18480	0.025
18540	0.024
18600	0.024
18660	0.026
18720	0.026
18780	0.026
18840	0.026
18900	0.028
18960	0.028
19020	0.028
19080	0.026
19140	0.027
19200	0.027
19260	0.027
19320	0.026
19380	0.025
19440	0.025
19500	0.026

19560	0.026
19620	0.028
19680	0.027
19740	0.027
19800	0.027
19860	0.028
19920	0.029
19980	0.029
20040	0.028
20100	0.028
20160	0.027
20220	0.028
20280	0.03
20340	0.042
20400	0.043
20460	0.04
20520	0.039
20580	0.032
20640	0.04
20700	0.036
20760	0.034
20820	0.033
20880	0.031
20940	0.025
21000	0.029
21060	0.042
21120	0.054
21180	0.029
21240	0.038
21300	0.027
21360	0.028
21420	0.03
21480	0.041
21540	0.032
21600	0.034
21660	0.032
21720	0.029
21780	0.036
21840	0.034
21900	0.031
21960	0.029
22020	0.031
22080	0.028
22140	0.028
22200	0.034
22260	0.033
22320	0.032
22380	0.037
22440	0.033
22500	0.033
22560	0.028
22620	0.031
22680	0.044
22740	0.04
22800	0.027
22860	0.027
22920	0.027
22980	0.03
23040	0.027
23100	0.026
23160	0.031
23220	0.035
23280	0.039
23340	0.03
23400	0.029
23460	0.03
23520	0.035
23580	0.038
23640	0.046

23700	0.042
23760	0.049
23820	0.034
23880	0.033
23940	0.031
24000	0.028
24060	0.032
24120	0.031
24180	0.04
24240	0.051
24300	0.033
24360	0.032
24420	0.033
24480	0.032
24540	0.031
24600	0.03
24660	0.037
24720	0.042
24780	0.045
24840	0.038
24900	0.031
24960	0.038
25020	0.027
25080	0.027
25140	0.025
25200	0.026
25260	0.052
25320	0.031
25380	0.022
25440	0.023
25500	0.025
25560	0.03
25620	0.03
25680	0.027
25740	0.027
25800	0.026
25860	0.024
25920	0.025
25980	0.026
26040	0.024
26100	0.025
26160	0.031
26220	0.04
26280	0.036
26340	0.032
26400	0.034
26460	0.034
26520	0.029
26580	0.025
26640	0.025
26700	0.027
26760	0.027
26820	0.027
26880	0.027
26940	0.028
27000	0.029
27060	0.031
27120	0.028
27180	0.023
27240	0.026
27300	0.028
27360	0.025
27420	0.023
27480	0.023
27540	0.025
27600	0.027
27660	0.027
27720	0.023
27780	0.025

27840	0.033
27900	0.026
27960	0.028
28020	0.031
28080	0.029
28140	0.029
28200	0.027
28260	0.027
28320	0.028
28380	0.028
28440	0.025
28500	0.029
28560	0.03
28620	0.028
28680	0.026
28740	0.026
28800	0.027
28860	0.028
28920	0.034
28980	0.029
29040	0.028
29100	0.026
29160	0.024
29220	0.024
29280	0.022
29340	0.027
29400	0.026
29460	0.026
29520	0.025
29580	0.028
29640	0.026
29700	0.026
29760	0.026
29820	0.027
29880	0.025
29940	0.034
30000	0.031
30060	0.027
30120	0.025
30180	0.026
30240	0.026
30300	0.026
30360	0.026
30420	0.027
30480	0.025
30540	0.026
30600	0.027
30660	0.03
30720	0.028
30780	0.027
30840	0.026
30900	0.042
30960	0.029
31020	0.028
31080	0.029
31140	0.026
31200	0.027
31260	0.026
31320	0.026
31380	0.026
31440	0.025
31500	0.025
31560	0.025
31620	0.025
31680	0.024
31740	0.025
31800	0.025
31860	0.034
31920	0.026

31980	0.027
32040	0.025
32100	0.028
32160	0.025
32220	0.026
32280	0.028
32340	0.03
32400	0.026
32460	0.026
32520	0.026
32580	0.027
32640	0.026
32700	0.027
32760	0.027
32820	0.028
32880	0.027
32940	0.027
33000	0.027
33060	0.026
33120	0.027
33180	0.026
33240	0.025
33300	0.028
33360	0.027
33420	0.028
33480	0.027
33540	0.029
33600	0.028
33660	0.026
33720	0.026
33780	0.027
33840	0.026
33900	0.027
33960	0.026

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530103310
 Firmware Version 2.6
 Calibration Date 8/12/2010
 Test Name MANUAL_004
 Test Start Time 8:18:36 AM
 Test Start Date 4/28/2011
 Test Length [D:H:M] 0:08:57
 Test Interval [M:S] 1:00
 Mass Average [mg/m³] 0.027
 Mass Minimum [mg/m³] 0.015
 Mass Maximum [mg/m³] 0.122
 Mass TWA [mg/m³] 0.026
 Photometric User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 537

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
60	0.017		
120	0.018		
180	0.021		
240	0.025		
300	0.02		
360	0.022		
420	0.022		
480	0.02		
540	0.019		
600	0.022		
660	0.023		
720	0.024		
780	0.022		
840	0.022		
900	0.025		
960	0.025		
1020	0.023		
1080	0.034		
1140	0.023		
1200	0.019		
1260	0.021		
1320	0.02		
1380	0.019		
1440	0.019		
1500	0.023		
1560	0.025		
1620	0.022		
1680	0.042		
1740	0.034		
1800	0.032		
1860	0.036		
1920	0.024		
1980	0.025		
2040	0.034		
2100	0.028		
2160	0.027		
2220	0.028		
2280	0.029		
2340	0.033		
2400	0.035		
2460	0.038		
2520	0.035		
2580	0.031		
2640	0.029		
2700	0.024		
2760	0.041		
2820	0.044		
2880	0.028		
2940	0.031		

3000	0.031
3060	0.025
3120	0.035
3180	0.027
3240	0.032
3300	0.029
3360	0.027
3420	0.027
3480	0.029
3540	0.024
3600	0.02
3660	0.019
3720	0.022
3780	0.017
3840	0.018
3900	0.018
3960	0.017
4020	0.017
4080	0.018
4140	0.018
4200	0.019
4260	0.019
4320	0.018
4380	0.015
4440	0.015
4500	0.016
4560	0.015
4620	0.017
4680	0.018
4740	0.017
4800	0.017
4860	0.019
4920	0.019
4980	0.02
5040	0.019
5100	0.02
5160	0.032
5220	0.023
5280	0.023
5340	0.023
5400	0.021
5460	0.021
5520	0.021
5580	0.021
5640	0.02
5700	0.022
5760	0.022
5820	0.022
5880	0.02
5940	0.022
6000	0.023
6060	0.023
6120	0.02
6180	0.02
6240	0.021
6300	0.02
6360	0.02
6420	0.019
6480	0.02
6540	0.018
6600	0.019
6660	0.019
6720	0.019
6780	0.02
6840	0.019
6900	0.018
6960	0.019
7020	0.02
7080	0.02

7140	0.02
7200	0.019
7260	0.019
7320	0.019
7380	0.02
7440	0.018
7500	0.017
7560	0.019
7620	0.018
7680	0.018
7740	0.018
7800	0.017
7860	0.017
7920	0.018
7980	0.02
8040	0.019
8100	0.025
8160	0.019
8220	0.018
8280	0.02
8340	0.018
8400	0.017
8460	0.018
8520	0.022
8580	0.022
8640	0.022
8700	0.022
8760	0.027
8820	0.023
8880	0.024
8940	0.079
9000	0.022
9060	0.02
9120	0.02
9180	0.019
9240	0.02
9300	0.021
9360	0.021
9420	0.02
9480	0.019
9540	0.022
9600	0.024
9660	0.027
9720	0.024
9780	0.022
9840	0.022
9900	0.03
9960	0.032
10020	0.083
10080	0.037
10140	0.031
10200	0.032
10260	0.028
10320	0.034
10380	0.025
10440	0.035
10500	0.037
10560	0.076
10620	0.122
10680	0.033
10740	0.026
10800	0.022
10860	0.02
10920	0.025
10980	0.035
11040	0.032
11100	0.031
11160	0.026
11220	0.047

11280	0.035
11340	0.051
11400	0.04
11460	0.023
11520	0.019
11580	0.02
11640	0.024
11700	0.023
11760	0.023
11820	0.019
11880	0.027
11940	0.025
12000	0.027
12060	0.021
12120	0.022
12180	0.028
12240	0.026
12300	0.032
12360	0.025
12420	0.032
12480	0.026
12540	0.033
12600	0.034
12660	0.032
12720	0.025
12780	0.022
12840	0.023
12900	0.021
12960	0.033
13020	0.028
13080	0.022
13140	0.023
13200	0.024
13260	0.024
13320	0.022
13380	0.03
13440	0.027
13500	0.025
13560	0.025
13620	0.025
13680	0.03
13740	0.027
13800	0.02
13860	0.022
13920	0.022
13980	0.023
14040	0.025
14100	0.027
14160	0.026
14220	0.024
14280	0.019
14340	0.019
14400	0.02
14460	0.021
14520	0.023
14580	0.02
14640	0.022
14700	0.053
14760	0.029
14820	0.029
14880	0.027
14940	0.038
15000	0.026
15060	0.03
15120	0.023
15180	0.024
15240	0.023
15300	0.025
15360	0.022

15420	0.026
15480	0.025
15540	0.025
15600	0.03
15660	0.02
15720	0.023
15780	0.037
15840	0.023
15900	0.021
15960	0.021
16020	0.022
16080	0.022
16140	0.02
16200	0.022
16260	0.02
16320	0.022
16380	0.021
16440	0.021
16500	0.046
16560	0.026
16620	0.058
16680	0.032
16740	0.032
16800	0.024
16860	0.026
16920	0.025
16980	0.024
17040	0.024
17100	0.023
17160	0.029
17220	0.022
17280	0.024
17340	0.025
17400	0.028
17460	0.025
17520	0.023
17580	0.027
17640	0.027
17700	0.028
17760	0.033
17820	0.026
17880	0.028
17940	0.035
18000	0.032
18060	0.028
18120	0.027
18180	0.03
18240	0.027
18300	0.029
18360	0.032
18420	0.029
18480	0.024
18540	0.03
18600	0.029
18660	0.022
18720	0.024
18780	0.027
18840	0.028
18900	0.027
18960	0.025
19020	0.027
19080	0.027
19140	0.055
19200	0.035
19260	0.041
19320	0.036
19380	0.026
19440	0.025
19500	0.029

19560	0.035
19620	0.027
19680	0.024
19740	0.025
19800	0.022
19860	0.022
19920	0.025
19980	0.024
20040	0.024
20100	0.027
20160	0.028
20220	0.027
20280	0.026
20340	0.026
20400	0.034
20460	0.038
20520	0.032
20580	0.025
20640	0.021
20700	0.024
20760	0.024
20820	0.02
20880	0.022
20940	0.028
21000	0.033
21060	0.03
21120	0.027
21180	0.034
21240	0.034
21300	0.029
21360	0.026
21420	0.027
21480	0.039
21540	0.034
21600	0.026
21660	0.025
21720	0.021
21780	0.026
21840	0.028
21900	0.035
21960	0.043
22020	0.037
22080	0.037
22140	0.031
22200	0.028
22260	0.028
22320	0.03
22380	0.033
22440	0.036
22500	0.036
22560	0.029
22620	0.027
22680	0.021
22740	0.021
22800	0.024
22860	0.029
22920	0.029
22980	0.024
23040	0.023
23100	0.022
23160	0.019
23220	0.022
23280	0.024
23340	0.025
23400	0.028
23460	0.027
23520	0.02
23580	0.02
23640	0.022

23700	0.021
23760	0.022
23820	0.022
23880	0.025
23940	0.03
24000	0.03
24060	0.027
24120	0.028
24180	0.029
24240	0.026
24300	0.023
24360	0.022
24420	0.023
24480	0.023
24540	0.022
24600	0.023
24660	0.021
24720	0.022
24780	0.023
24840	0.022
24900	0.02
24960	0.019
25020	0.023
25080	0.021
25140	0.024
25200	0.018
25260	0.019
25320	0.02
25380	0.022
25440	0.019
25500	0.033
25560	0.027
25620	0.028
25680	0.025
25740	0.029
25800	0.028
25860	0.031
25920	0.031
25980	0.026
26040	0.026
26100	0.034
26160	0.025
26220	0.027
26280	0.034
26340	0.031
26400	0.027
26460	0.028
26520	0.034
26580	0.026
26640	0.033
26700	0.034
26760	0.032
26820	0.025
26880	0.023
26940	0.023
27000	0.021
27060	0.02
27120	0.028
27180	0.031
27240	0.034
27300	0.026
27360	0.026
27420	0.026
27480	0.022
27540	0.022
27600	0.031
27660	0.024
27720	0.02
27780	0.027

27840	0.027
27900	0.023
27960	0.022
28020	0.028
28080	0.029
28140	0.041
28200	0.028
28260	0.028
28320	0.023
28380	0.036
28440	0.028
28500	0.042
28560	0.028
28620	0.094
28680	0.08
28740	0.036
28800	0.024
28860	0.023
28920	0.028
28980	0.022
29040	0.033
29100	0.036
29160	0.028
29220	0.049
29280	0.027
29340	0.023
29400	0.028
29460	0.022
29520	0.022
29580	0.036
29640	0.026
29700	0.031
29760	0.023
29820	0.03
29880	0.028
29940	0.027
30000	0.031
30060	0.029
30120	0.031
30180	0.044
30240	0.025
30300	0.026
30360	0.024
30420	0.026
30480	0.024
30540	0.042
30600	0.051
30660	0.032
30720	0.026
30780	0.029
30840	0.03
30900	0.027
30960	0.025
31020	0.03
31080	0.025
31140	0.023
31200	0.025
31260	0.027
31320	0.024
31380	0.032
31440	0.034
31500	0.028
31560	0.022
31620	0.027
31680	0.024
31740	0.024
31800	0.028
31860	0.022
31920	0.034

31980	0.03
32040	0.034
32100	0.023
32160	0.026
32220	0.027

Client: National Grid

Location: Greco

Date: 10/21/11

Field Personnel: J. Ehlen

Project: Metropolitan

Project Number: 60137361

Weather: ~65°F, sunny, light breeze

Ambient Noise: ~80 dB

Community Air Monitoring Plan / Noise Field Log

Time	Upwind PID	Upwind Dust Trak	Work Area PID	Downwind PID	Downwind Dust Trak	dB Readings ¹	Comments
745	0.011	0.0	0.0	0.0	0.018	82.6	moving to SB-19
815	0.008	0.0	0.0	0.0	0.016	90.1	Drilling SB-19
828	0.007	0.0	0.0	0.0	0.010	86.3	"
846	0.004	0.0	0.0	0.0	0.006	87.0	"
902	0.002	0.0	0.0	0.0	0.013	86.1	"
915	0.003	0.0	0.0	0.0	0.010	87.9	"
945	0.002	0.0	0.0	0.0	0.006	84.3	"
1003	0.003	0.0	0.0	0.0	0.007	86.9	"
1027	0.002	0.0	0.0	0.0	0.009	85.7	"
1044	0.001	0.0	0.0	0.0	0.014	83.4	"
1100	0.000	0.0	0.0	0.0	0.016	84.2	"
1117	0.001	0.0	0.0	0.0	0.304	84.3	"
1130	0.003	0.0	0.4	0.0	0.015	83.6	"
1145	0.002	0.0	0.0	0.0	0.017	85.7	"
1215	0.003	0.0	0.0	0.0	0.011	83.3	"
1232	0.002	0.0	0.0	0.0	0.119	87.0	"
1245	0.025	0.0	0.0	0.0	0.010	86.4	"
1300	0.005	0.0	0.0	0.0	0.005	80.5	Drilled to 65 ft bgs.
1315	0.009	0.0	0.0	0.0	0.239	84.8	Drilling SB-19 to 75 ft bgs
1330	0.002	0.0	0.0	0.0	0.008	84.1	"
1345	0.004	0.0	0.0	0.0	0.005	80.6	Drilled to 75 ft bgs
1400	0.002	0.0	0.0	0.0	0.074	83.1	Drilling SB-19 to 85 ft bgs

no drilling
casing delivered.went to
get more
drums

Client: National Grid
Location: Greco Brothers
Date: 10/2/11
Field Personnel: J. Ehlen

Project: Metropolitan
Project Number: 60137361
Weather: $\sim 70^{\circ}\text{F}$, partly cloudy, breezy
Ambient Noise: $\sim 80\text{ dB}$

Community Air Monitoring Plan / Noise Field Log

pg 2 of 2

=====Event #2 information (begin)=====

[Event #2 name:]-[Event #2]2011-10-02 07:40<-->2011-10-02 18:30
[Event start time:]--2011-10-02 07:40:36[Event end time:]--2011-10-02 18:30:36

=====Event #2 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-904624
Data Points: 650 Sample Period: 60 s Datalog Mode: Automatic
SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====Sensor Information : PID-Min(ppm)PID-Avg(ppm)PID-Max(ppm)=====

Measurement Gas : Isobutene

Calibration Time : 2011-10-02 07:18:002011-10-02 07:18:002011-10-02 07:18:00

Drift Value : --- --- ---

Low Alarm Levels : 50.000 50.000 50.000

High Alarm Levels : 100.000 100.000 100.000

Span Value : 100.000 100.000 100.000

Correction Factor : 1.00 1.00 1.00

Over Alarm Levels : 15000.000 15000.000 15000.000

=====Event #2 data informations=====

LINE#	Date/Time	PID-Min(ppm)	PID-Avg(ppm)	PID-Max(ppm)
1	10/2/2011 7:41	0	0.078	0.31
2	10/2/2011 7:42	0	0	0
3	10/2/2011 7:43	0	0	0
4	10/2/2011 7:44	0	0	0
5	10/2/2011 7:45	0	0	0
6	10/2/2011 7:46	0	0	0
7	10/2/2011 7:47	0	0	0
8	10/2/2011 7:48	0	0	0
9	10/2/2011 7:49	0	0	0
10	10/2/2011 7:50	0	0	0
11	10/2/2011 7:51	0	0	0
12	10/2/2011 7:52	0	0	0
13	10/2/2011 7:53	0	0	0
14	10/2/2011 7:54	0	0	0
15	10/2/2011 7:55	0	0	0
16	10/2/2011 7:56	0	0	0
17	10/2/2011 7:57	0	0	0
18	10/2/2011 7:58	0	0	0
19	10/2/2011 7:59	0	0	0
20	10/2/2011 8:00	0	0	0
21	10/2/2011 8:01	0	0	0
22	10/2/2011 8:02	0	0	0
23	10/2/2011 8:03	0	0	0
24	10/2/2011 8:04	0	0	0
25	10/2/2011 8:05	0	0	0
26	10/2/2011 8:06	0	0	0

27	10/2/2011 8:07	0	0	0
28	10/2/2011 8:08	0	0	0
29	10/2/2011 8:09	0	0	0
30	10/2/2011 8:10	0	0	0
31	10/2/2011 8:11	0	0	0
32	10/2/2011 8:12	0	0	0
33	10/2/2011 8:13	0	0	0
34	10/2/2011 8:14	0	0	0
35	10/2/2011 8:15	0	0	0
36	10/2/2011 8:16	0	0	0
37	10/2/2011 8:17	0	0	0
38	10/2/2011 8:18	0	0	0
39	10/2/2011 8:19	0	0	0
40	10/2/2011 8:20	0	0	0
41	10/2/2011 8:21	0	0	0
42	10/2/2011 8:22	0	0	0
43	10/2/2011 8:23	0	0	0
44	10/2/2011 8:24	0	0	0
45	10/2/2011 8:25	0	0	0
46	10/2/2011 8:26	0	0	0
47	10/2/2011 8:27	0	0	0
48	10/2/2011 8:28	0	0	0
49	10/2/2011 8:29	0	0	0
50	10/2/2011 8:30	0	0	0
51	10/2/2011 8:31	0	0	0
52	10/2/2011 8:32	0	0	0
53	10/2/2011 8:33	0	0	0
54	10/2/2011 8:34	0	0	0
55	10/2/2011 8:35	0	0	0
56	10/2/2011 8:36	0	0	0
57	10/2/2011 8:37	0	0	0
58	10/2/2011 8:38	0	0	0
59	10/2/2011 8:39	0	0	0
60	10/2/2011 8:40	0	0	0
61	10/2/2011 8:41	0	0	0
62	10/2/2011 8:42	0	0	0
63	10/2/2011 8:43	0	0	0
64	10/2/2011 8:44	0	0	0
65	10/2/2011 8:45	0	0	0
66	10/2/2011 8:46	0	0	0
67	10/2/2011 8:47	0	0	0
68	10/2/2011 8:48	0	0	0
69	10/2/2011 8:49	0	0	0
70	10/2/2011 8:50	0	0	0
71	10/2/2011 8:51	0	0	0
72	10/2/2011 8:52	0	0	0
73	10/2/2011 8:53	0	0	0

74	10/2/2011 8:54	0	0	0
75	10/2/2011 8:55	0	0	0
76	10/2/2011 8:56	0	0	0
77	10/2/2011 8:57	0	0	0
78	10/2/2011 8:58	0	0	0
79	10/2/2011 8:59	0	0	0
80	10/2/2011 9:00	0	0	0
81	10/2/2011 9:01	0	0	0
82	10/2/2011 9:02	0	0	0
83	10/2/2011 9:03	0	0	0
84	10/2/2011 9:04	0	0	0
85	10/2/2011 9:05	0	0	0
86	10/2/2011 9:06	0	0	0
87	10/2/2011 9:07	0	0	0
88	10/2/2011 9:08	0	0	0
89	10/2/2011 9:09	0	0	0
90	10/2/2011 9:10	0	0	0
91	10/2/2011 9:11	0	0	0
92	10/2/2011 9:12	0	0	0
93	10/2/2011 9:13	0	0	0
94	10/2/2011 9:14	0	0	0
95	10/2/2011 9:15	0	0	0
96	10/2/2011 9:16	0	0	0
97	10/2/2011 9:17	0	0	0
98	10/2/2011 9:18	0	0	0
99	10/2/2011 9:19	0	0	0
100	10/2/2011 9:20	0	0	0
101	10/2/2011 9:21	0	0	0
102	10/2/2011 9:22	0	0	0
103	10/2/2011 9:23	0	0	0
104	10/2/2011 9:24	0	0	0
105	10/2/2011 9:25	0	0	0
106	10/2/2011 9:26	0	0	0
107	10/2/2011 9:27	0	0	0
108	10/2/2011 9:28	0	0	0
109	10/2/2011 9:29	0	0	0
110	10/2/2011 9:30	0	0	0
111	10/2/2011 9:31	0	0	0
112	10/2/2011 9:32	0	0	0
113	10/2/2011 9:33	0	0	0
114	10/2/2011 9:34	0	0	0
115	10/2/2011 9:35	0	0	0
116	10/2/2011 9:36	0	0	0
117	10/2/2011 9:37	0	0	0
118	10/2/2011 9:38	0	0	0
119	10/2/2011 9:39	0	0	0
120	10/2/2011 9:40	0	0	0

121	10/2/2011 9:41	0	0	0
122	10/2/2011 9:42	0	0	0
123	10/2/2011 9:43	0	0	0
124	10/2/2011 9:44	0	0	0
125	10/2/2011 9:45	0	0	0
126	10/2/2011 9:46	0	0	0
127	10/2/2011 9:47	0	0	0
128	10/2/2011 9:48	0	0	0
129	10/2/2011 9:49	0	0	0
130	10/2/2011 9:50	0	0	0
131	10/2/2011 9:51	0	0	0
132	10/2/2011 9:52	0	0	0
133	10/2/2011 9:53	0	0	0
134	10/2/2011 9:54	0	0	0
135	10/2/2011 9:55	0	0	0
136	10/2/2011 9:56	0	0	0
137	10/2/2011 9:57	0	0	0
138	10/2/2011 9:58	0	0	0
139	10/2/2011 9:59	0	0	0
140	10/2/2011 10:00	0	0	0
141	10/2/2011 10:01	0	0	0
142	10/2/2011 10:02	0	0	0
143	10/2/2011 10:03	0	0	0
144	10/2/2011 10:04	0	0	0
145	10/2/2011 10:05	0	0	0
146	10/2/2011 10:06	0	0	0
147	10/2/2011 10:07	0	0	0
148	10/2/2011 10:08	0	0	0
149	10/2/2011 10:09	0	0	0
150	10/2/2011 10:10	0	0	0
151	10/2/2011 10:11	0	0	0
152	10/2/2011 10:12	0	0	0
153	10/2/2011 10:13	0	0	0
154	10/2/2011 10:14	0	0	0
155	10/2/2011 10:15	0	0	0
156	10/2/2011 10:16	0	0	0
157	10/2/2011 10:17	0	0	0
158	10/2/2011 10:18	0	0	0
159	10/2/2011 10:19	0	0	0
160	10/2/2011 10:20	0	0	0
161	10/2/2011 10:21	0	0	0
162	10/2/2011 10:22	0	0	0
163	10/2/2011 10:23	0	0	0
164	10/2/2011 10:24	0	0	0
165	10/2/2011 10:25	0	0	0
166	10/2/2011 10:26	0	0	0
167	10/2/2011 10:27	0	0	0

168	10/2/2011 10:28	0	0	0
169	10/2/2011 10:29	0	0	0
170	10/2/2011 10:30	0	0	0
171	10/2/2011 10:31	0	0	0
172	10/2/2011 10:32	0	0	0
173	10/2/2011 10:33	0	0	0
174	10/2/2011 10:34	0	0	0
175	10/2/2011 10:35	0	0	0
176	10/2/2011 10:36	0	0	0
177	10/2/2011 10:37	0	0	0
178	10/2/2011 10:38	0	0	0
179	10/2/2011 10:39	0	0	0
180	10/2/2011 10:40	0	0	0
181	10/2/2011 10:41	0	0	0
182	10/2/2011 10:42	0	0	0
183	10/2/2011 10:43	0	0	0
184	10/2/2011 10:44	0	0	0
185	10/2/2011 10:45	0	0	0
186	10/2/2011 10:46	0	0	0
187	10/2/2011 10:47	0	0	0
188	10/2/2011 10:48	0	0	0
189	10/2/2011 10:49	0	0	0
190	10/2/2011 10:50	0	0	0
191	10/2/2011 10:51	0	0	0
192	10/2/2011 10:52	0	0	0
193	10/2/2011 10:53	0	0	0
194	10/2/2011 10:54	0	0	0
195	10/2/2011 10:55	0	0	0
196	10/2/2011 10:56	0	0	0
197	10/2/2011 10:57	0	0	0
198	10/2/2011 10:58	0	0	0
199	10/2/2011 10:59	0	0	0
200	10/2/2011 11:00	0	0	0
201	10/2/2011 11:01	0	0	0
202	10/2/2011 11:02	0	0	0
203	10/2/2011 11:03	0	0	0
204	10/2/2011 11:04	0	0	0
205	10/2/2011 11:05	0	0	0
206	10/2/2011 11:06	0	0	0
207	10/2/2011 11:07	0	0	0
208	10/2/2011 11:08	0	0	0
209	10/2/2011 11:09	0	0	0
210	10/2/2011 11:10	0	0	0
211	10/2/2011 11:11	0	0	0
212	10/2/2011 11:12	0	0	0
213	10/2/2011 11:13	0	0	0
214	10/2/2011 11:14	0	0	0

215	10/2/2011 11:15	0	0	0
216	10/2/2011 11:16	0	0	0
217	10/2/2011 11:17	0	0	0
218	10/2/2011 11:18	0	0	0
219	10/2/2011 11:19	0	0	0
220	10/2/2011 11:20	0	0	0
221	10/2/2011 11:21	0	0	0
222	10/2/2011 11:22	0	0	0
223	10/2/2011 11:23	0	0	0
224	10/2/2011 11:24	0	0	0
225	10/2/2011 11:25	0	0	0
226	10/2/2011 11:26	0	0	0
227	10/2/2011 11:27	0	0	0
228	10/2/2011 11:28	0	0	0
229	10/2/2011 11:29	0	0	0
230	10/2/2011 11:30	0	0	0
231	10/2/2011 11:31	0	0	0
232	10/2/2011 11:32	0	0	0
233	10/2/2011 11:33	0	0	0
234	10/2/2011 11:34	0	0	0
235	10/2/2011 11:35	0	0	0
236	10/2/2011 11:36	0	0	0
237	10/2/2011 11:37	0	0	0
238	10/2/2011 11:38	0	0	0
239	10/2/2011 11:39	0	0	0
240	10/2/2011 11:40	0	0	0
241	10/2/2011 11:41	0	0	0
242	10/2/2011 11:42	0	0	0
243	10/2/2011 11:43	0	0	0
244	10/2/2011 11:44	0	0	0
245	10/2/2011 11:45	0	0	0
246	10/2/2011 11:46	0	0	0
247	10/2/2011 11:47	0	0	0
248	10/2/2011 11:48	0	0	0
249	10/2/2011 11:49	0	0	0
250	10/2/2011 11:50	0	0	0
251	10/2/2011 11:51	0	0	0
252	10/2/2011 11:52	0	0	0
253	10/2/2011 11:53	0	0	0
254	10/2/2011 11:54	0	0	0
255	10/2/2011 11:55	0	0	0
256	10/2/2011 11:56	0	0	0
257	10/2/2011 11:57	0	0	0
258	10/2/2011 11:58	0	0	0
259	10/2/2011 11:59	0	0	0
260	10/2/2011 12:00	0	0	0
261	10/2/2011 12:01	0	0	0

262	10/2/2011 12:02	0	0	0
263	10/2/2011 12:03	0	0	0
264	10/2/2011 12:04	0	0	0
265	10/2/2011 12:05	0	0	0
266	10/2/2011 12:06	0	0	0
267	10/2/2011 12:07	0	0	0
268	10/2/2011 12:08	0	0	0
269	10/2/2011 12:09	0	0	0
270	10/2/2011 12:10	0	0	0
271	10/2/2011 12:11	0	0	0
272	10/2/2011 12:12	0	0	0
273	10/2/2011 12:13	0	0	0
274	10/2/2011 12:14	0	0	0
275	10/2/2011 12:15	0	0	0
276	10/2/2011 12:16	0	0	0
277	10/2/2011 12:17	0	0	0
278	10/2/2011 12:18	0	0	0
279	10/2/2011 12:19	0	0	0
280	10/2/2011 12:20	0	0	0
281	10/2/2011 12:21	0	0	0
282	10/2/2011 12:22	0	0	0
283	10/2/2011 12:23	0	0	0
284	10/2/2011 12:24	0	0	0
285	10/2/2011 12:25	0	0	0
286	10/2/2011 12:26	0	0	0
287	10/2/2011 12:27	0	0	0
288	10/2/2011 12:28	0	0	0
289	10/2/2011 12:29	0	0	0
290	10/2/2011 12:30	0	0	0
291	10/2/2011 12:31	0	0	0
292	10/2/2011 12:32	0	0	0
293	10/2/2011 12:33	0	0	0
294	10/2/2011 12:34	0	0	0
295	10/2/2011 12:35	0	0	0
296	10/2/2011 12:36	0	0	0
297	10/2/2011 12:37	0	0	0
298	10/2/2011 12:38	0	0	0
299	10/2/2011 12:39	0	0	0
300	10/2/2011 12:40	0	0	0
301	10/2/2011 12:41	0	0	0
302	10/2/2011 12:42	0	0	0
303	10/2/2011 12:43	0	0	0
304	10/2/2011 12:44	0	0	0
305	10/2/2011 12:45	0	0	0
306	10/2/2011 12:46	0	0	0
307	10/2/2011 12:47	0	0	0
308	10/2/2011 12:48	0	0	0

309	10/2/2011 12:49	0	0	0
310	10/2/2011 12:50	0	0	0
311	10/2/2011 12:51	0	0	0
312	10/2/2011 12:52	0	0	0
313	10/2/2011 12:53	0	0	0
314	10/2/2011 12:54	0	0	0
315	10/2/2011 12:55	0	0	0
316	10/2/2011 12:56	0	0	0
317	10/2/2011 12:57	0	0	0
318	10/2/2011 12:58	0	0	0
319	10/2/2011 12:59	0	0	0
320	10/2/2011 13:00	0	0	0
321	10/2/2011 13:01	0	0	0
322	10/2/2011 13:02	0	0	0
323	10/2/2011 13:03	0	0	0
324	10/2/2011 13:04	0	0	0
325	10/2/2011 13:05	0	0	0
326	10/2/2011 13:06	0	0	0
327	10/2/2011 13:07	0	0	0
328	10/2/2011 13:08	0	0	0
329	10/2/2011 13:09	0	0	0
330	10/2/2011 13:10	0	0	0
331	10/2/2011 13:11	0	0	0
332	10/2/2011 13:12	0	0	0
333	10/2/2011 13:13	0	0	0
334	10/2/2011 13:14	0	0	0
335	10/2/2011 13:15	0	0	0
336	10/2/2011 13:16	0	0	0
337	10/2/2011 13:17	0	0	0
338	10/2/2011 13:18	0	0	0
339	10/2/2011 13:19	0	0	0
340	10/2/2011 13:20	0	0	0
341	10/2/2011 13:21	0	0	0
342	10/2/2011 13:22	0	0	0
343	10/2/2011 13:23	0	0	0
344	10/2/2011 13:24	0	0	0
345	10/2/2011 13:25	0	0	0
346	10/2/2011 13:26	0	0	0
347	10/2/2011 13:27	0	0	0
348	10/2/2011 13:28	0	0	0
349	10/2/2011 13:29	0	0	0
350	10/2/2011 13:30	0	0	0
351	10/2/2011 13:31	0	0	0
352	10/2/2011 13:32	0	0	0
353	10/2/2011 13:33	0	0	0
354	10/2/2011 13:34	0	0	0
355	10/2/2011 13:35	0	0	0

356	10/2/2011 13:36	0	0	0
357	10/2/2011 13:37	0	0	0
358	10/2/2011 13:38	0	0	0
359	10/2/2011 13:39	0	0	0
360	10/2/2011 13:40	0	0	0
361	10/2/2011 13:41	0	0	0
362	10/2/2011 13:42	0	0	0
363	10/2/2011 13:43	0	0	0
364	10/2/2011 13:44	0	0	0
365	10/2/2011 13:45	0	0	0
366	10/2/2011 13:46	0	0	0
367	10/2/2011 13:47	0	0	0
368	10/2/2011 13:48	0	0	0
369	10/2/2011 13:49	0	0	0
370	10/2/2011 13:50	0	0	0
371	10/2/2011 13:51	0	0	0
372	10/2/2011 13:52	0	0	0
373	10/2/2011 13:53	0	0	0
374	10/2/2011 13:54	0	0	0
375	10/2/2011 13:55	0	0	0
376	10/2/2011 13:56	0	0	0
377	10/2/2011 13:57	0	0	0
378	10/2/2011 13:58	0	0	0
379	10/2/2011 13:59	0	0	0
380	10/2/2011 14:00	0	0	0
381	10/2/2011 14:01	0	0	0
382	10/2/2011 14:02	0	0	0
383	10/2/2011 14:03	0	0	0
384	10/2/2011 14:04	0	0	0
385	10/2/2011 14:05	0	0	0
386	10/2/2011 14:06	0	0	0
387	10/2/2011 14:07	0	0	0
388	10/2/2011 14:08	0	0	0
389	10/2/2011 14:09	0	0	0
390	10/2/2011 14:10	0	0	0
391	10/2/2011 14:11	0	0	0
392	10/2/2011 14:12	0	0	0
393	10/2/2011 14:13	0	0	0
394	10/2/2011 14:14	0	0	0
395	10/2/2011 14:15	0	0	0
396	10/2/2011 14:16	0	0	0
397	10/2/2011 14:17	0	0	0
398	10/2/2011 14:18	0	0	0
399	10/2/2011 14:19	0	0	0
400	10/2/2011 14:20	0	0	0
401	10/2/2011 14:21	0	0	0
402	10/2/2011 14:22	0	0	0

403	10/2/2011 14:23	0	0	0
404	10/2/2011 14:24	0	0	0
405	10/2/2011 14:25	0	0	0
406	10/2/2011 14:26	0	0	0
407	10/2/2011 14:27	0	0	0
408	10/2/2011 14:28	0	0	0
409	10/2/2011 14:29	0	0	0
410	10/2/2011 14:30	0	0	0
411	10/2/2011 14:31	0	0	0
412	10/2/2011 14:32	0	0	0
413	10/2/2011 14:33	0	0	0
414	10/2/2011 14:34	0	0	0
415	10/2/2011 14:35	0	0	0
416	10/2/2011 14:36	0	0	0
417	10/2/2011 14:37	0	0	0
418	10/2/2011 14:38	0	0	0
419	10/2/2011 14:39	0	0	0
420	10/2/2011 14:40	0	0	0
421	10/2/2011 14:41	0	0	0
422	10/2/2011 14:42	0	0	0
423	10/2/2011 14:43	0	0	0
424	10/2/2011 14:44	0	0	0
425	10/2/2011 14:45	0	0	0
426	10/2/2011 14:46	0	0	0
427	10/2/2011 14:47	0	0	0
428	10/2/2011 14:48	0	0	0
429	10/2/2011 14:49	0	0	0
430	10/2/2011 14:50	0	0	0
431	10/2/2011 14:51	0	0	0
432	10/2/2011 14:52	0	0	0
433	10/2/2011 14:53	0	0	0
434	10/2/2011 14:54	0	0	0
435	10/2/2011 14:55	0	0	0
436	10/2/2011 14:56	0	0	0
437	10/2/2011 14:57	0	0	0
438	10/2/2011 14:58	0	0	0
439	10/2/2011 14:59	0	0	0
440	10/2/2011 15:00	0	0	0
441	10/2/2011 15:01	0	0	0
442	10/2/2011 15:02	0	0	0
443	10/2/2011 15:03	0	0	0
444	10/2/2011 15:04	0	0	0
445	10/2/2011 15:05	0	0	0
446	10/2/2011 15:06	0	0	0
447	10/2/2011 15:07	0	0	0
448	10/2/2011 15:08	0	0	0
449	10/2/2011 15:09	0	0	0

450	10/2/2011 15:10	0	0	0
451	10/2/2011 15:11	0	0	0
452	10/2/2011 15:12	0	0	0
453	10/2/2011 15:13	0	0	0
454	10/2/2011 15:14	0	0	0
455	10/2/2011 15:15	0	0	0
456	10/2/2011 15:16	0	0	0
457	10/2/2011 15:17	0	0	0
458	10/2/2011 15:18	0	0	0
459	10/2/2011 15:19	0	0	0
460	10/2/2011 15:20	0	0	0
461	10/2/2011 15:21	0	0	0
462	10/2/2011 15:22	0	0	0
463	10/2/2011 15:23	0	0	0
464	10/2/2011 15:24	0	0	0
465	10/2/2011 15:25	0	0	0
466	10/2/2011 15:26	0	0	0
467	10/2/2011 15:27	0	0	0
468	10/2/2011 15:28	0	0	0
469	10/2/2011 15:29	0	0	0
470	10/2/2011 15:30	0	0	0
471	10/2/2011 15:31	0	0	0
472	10/2/2011 15:32	0	0	0
473	10/2/2011 15:33	0	0	0
474	10/2/2011 15:34	0	0	0
475	10/2/2011 15:35	0	0	0
476	10/2/2011 15:36	0	0	0
477	10/2/2011 15:37	0	0	0
478	10/2/2011 15:38	0	0	0
479	10/2/2011 15:39	0	0	0
480	10/2/2011 15:40	0	0	0
481	10/2/2011 15:41	0	0	0
482	10/2/2011 15:42	0	0	0
483	10/2/2011 15:43	0	0	0
484	10/2/2011 15:44	0	0	0
485	10/2/2011 15:45	0	0	0
486	10/2/2011 15:46	0	0	0
487	10/2/2011 15:47	0	0	0
488	10/2/2011 15:48	0	0	0
489	10/2/2011 15:49	0	0	0
490	10/2/2011 15:50	0	0	0
491	10/2/2011 15:51	0	0	0
492	10/2/2011 15:52	0	0	0
493	10/2/2011 15:53	0	0	0
494	10/2/2011 15:54	0	0	0
495	10/2/2011 15:55	0	0	0
496	10/2/2011 15:56	0	0	0

497	10/2/2011 15:57	0	0	0
498	10/2/2011 15:58	0	0	0
499	10/2/2011 15:59	0	0	0
500	10/2/2011 16:00	0	0	0
501	10/2/2011 16:01	0	0	0
502	10/2/2011 16:02	0	0	0
503	10/2/2011 16:03	0	0	0
504	10/2/2011 16:04	0	0	0
505	10/2/2011 16:05	0	0	0
506	10/2/2011 16:06	0	0	0
507	10/2/2011 16:07	0	0	0
508	10/2/2011 16:08	0	0	0
509	10/2/2011 16:09	0	0	0
510	10/2/2011 16:10	0	0	0
511	10/2/2011 16:11	0	0	0
512	10/2/2011 16:12	0	0	0
513	10/2/2011 16:13	0	0	0
514	10/2/2011 16:14	0	0	0
515	10/2/2011 16:15	0	0	0
516	10/2/2011 16:16	0	0	0
517	10/2/2011 16:17	0	0	0
518	10/2/2011 16:18	0	0	0
519	10/2/2011 16:19	0	0	0
520	10/2/2011 16:20	0	0	0
521	10/2/2011 16:21	0	0	0
522	10/2/2011 16:22	0	0	0
523	10/2/2011 16:23	0	0	0
524	10/2/2011 16:24	0	0	0
525	10/2/2011 16:25	0	0	0
526	10/2/2011 16:26	0	0	0
527	10/2/2011 16:27	0	0	0
528	10/2/2011 16:28	0	0	0
529	10/2/2011 16:29	0	0	0
530	10/2/2011 16:30	0	0	0
531	10/2/2011 16:31	0	0	0
532	10/2/2011 16:32	0	0	0
533	10/2/2011 16:33	0	0	0
534	10/2/2011 16:34	0	0	0
535	10/2/2011 16:35	0	0	0
536	10/2/2011 16:36	0	0	0
537	10/2/2011 16:37	0	0	0
538	10/2/2011 16:38	0	0	0
539	10/2/2011 16:39	0	0	0
540	10/2/2011 16:40	0	0	0
541	10/2/2011 16:41	0	0	0
542	10/2/2011 16:42	0	0	0
543	10/2/2011 16:43	0	0	0

544	10/2/2011 16:44	0	0	0
545	10/2/2011 16:45	0	0	0
546	10/2/2011 16:46	0	0	0
547	10/2/2011 16:47	0	0	0
548	10/2/2011 16:48	0	0	0
549	10/2/2011 16:49	0	0	0
550	10/2/2011 16:50	0	0	0
551	10/2/2011 16:51	0	0	0
552	10/2/2011 16:52	0	0	0
553	10/2/2011 16:53	0	0	0
554	10/2/2011 16:54	0	0	0
555	10/2/2011 16:55	0	0	0
556	10/2/2011 16:56	0	0	0
557	10/2/2011 16:57	0	0	0
558	10/2/2011 16:58	0	0	0
559	10/2/2011 16:59	0	0	0
560	10/2/2011 17:00	0	0	0
561	10/2/2011 17:01	0	0	0
562	10/2/2011 17:02	0	0	0
563	10/2/2011 17:03	0	0	0
564	10/2/2011 17:04	0	0	0
565	10/2/2011 17:05	0	0	0
566	10/2/2011 17:06	0	0	0
567	10/2/2011 17:07	0	0	0
568	10/2/2011 17:08	0	0	0
569	10/2/2011 17:09	0	0	0
570	10/2/2011 17:10	0	0	0
571	10/2/2011 17:11	0	0	0
572	10/2/2011 17:12	0	0	0
573	10/2/2011 17:13	0	0	0
574	10/2/2011 17:14	0	0	0
575	10/2/2011 17:15	0	0	0
576	10/2/2011 17:16	0	0	0
577	10/2/2011 17:17	0	0	0
578	10/2/2011 17:18	0	0	0
579	10/2/2011 17:19	0	0	0
580	10/2/2011 17:20	0	0	0
581	10/2/2011 17:21	0	0	0
582	10/2/2011 17:22	0	0	0
583	10/2/2011 17:23	0	0	0
584	10/2/2011 17:24	0	0	0
585	10/2/2011 17:25	0	0	0
586	10/2/2011 17:26	0	0	0
587	10/2/2011 17:27	0	0	0
588	10/2/2011 17:28	0	0	0
589	10/2/2011 17:29	0	0	0
590	10/2/2011 17:30	0	0	0

591	10/2/2011 17:31	0	0	0
592	10/2/2011 17:32	0	0	0
593	10/2/2011 17:33	0	0	0
594	10/2/2011 17:34	0	0	0
595	10/2/2011 17:35	0	0	0
596	10/2/2011 17:36	0	0	0
597	10/2/2011 17:37	0	0	0
598	10/2/2011 17:38	0	0	0
599	10/2/2011 17:39	0	0	0
600	10/2/2011 17:40	0	0	0
601	10/2/2011 17:41	0	0	0
602	10/2/2011 17:42	0	0	0
603	10/2/2011 17:43	0	0	0
604	10/2/2011 17:44	0	0	0
605	10/2/2011 17:45	0	0	0
606	10/2/2011 17:46	0	0	0
607	10/2/2011 17:47	0	0	0
608	10/2/2011 17:48	0	0	0
609	10/2/2011 17:49	0	0	0
610	10/2/2011 17:50	0	0	0
611	10/2/2011 17:51	0	0	0
612	10/2/2011 17:52	0	0	0
613	10/2/2011 17:53	0	0	0
614	10/2/2011 17:54	0	0	0
615	10/2/2011 17:55	0	0	0
616	10/2/2011 17:56	0	0	0
617	10/2/2011 17:57	0	0	0
618	10/2/2011 17:58	0	0	0
619	10/2/2011 17:59	0	0	0
620	10/2/2011 18:00	0	0	0
621	10/2/2011 18:01	0	0	0
622	10/2/2011 18:02	0	0	0
623	10/2/2011 18:03	0	0	0
624	10/2/2011 18:04	0	0	0
625	10/2/2011 18:05	0	0	0
626	10/2/2011 18:06	0	0	0
627	10/2/2011 18:07	0	0	0
628	10/2/2011 18:08	0	0	0
629	10/2/2011 18:09	0	0	0
630	10/2/2011 18:10	0	0	0
631	10/2/2011 18:11	0	0	0
632	10/2/2011 18:12	0	0	0
633	10/2/2011 18:13	0	0	0
634	10/2/2011 18:14	0	0	0
635	10/2/2011 18:15	0	0	0
636	10/2/2011 18:16	0	0	0
637	10/2/2011 18:17	0	0	0

638	10/2/2011 18:18	0	0	0
639	10/2/2011 18:19	0	0	0
640	10/2/2011 18:20	0	0	0
641	10/2/2011 18:21	0	0	0
642	10/2/2011 18:22	0	0	0
643	10/2/2011 18:23	0	0	0
644	10/2/2011 18:24	0	0	0
645	10/2/2011 18:25	0	0	0
646	10/2/2011 18:26	0	0	0
647	10/2/2011 18:27	0	0	0
648	10/2/2011 18:28	0	0	0
649	10/2/2011 18:29	0	0	0
650	10/2/2011 18:30	0	0	0

=====Event #2 information (end)=====

=====Event #2 information (begin)=====

[Event #2 name:]-[Event #2]2011-10-02 07:54<-->2011-10-02 18:42
[Event start time:]--2011-10-02 07:54:23[Event end time:]--2011-10-02 18:42:23

=====Event #2 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905367
Data Points: 648 Sample Period: 60 s Datalog Mode: Automatic
SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

Sensor Information : PID(ppb)

Measurement Gas : Isobutene

Calibration Time : 2011-10-02 07:28:00

Drift Value : ---

Low Alarm Levels : 25847

High Alarm Levels : 51694

Span Value : 100000

Correction Factor : 1.00

Over Alarm Levels : 15000000

=====Event #2 data informations=====

LINE#	Date/Time	PID(ppm)	PID(ppb)
1	10/2/2011 7:55	0	0
2	10/2/2011 7:56	0	0
3	10/2/2011 7:57	0	0
4	10/2/2011 7:58	0	0
5	10/2/2011 7:59	0	0
6	10/2/2011 8:00	0	0
7	10/2/2011 8:01	0	0
8	10/2/2011 8:02	0	0
9	10/2/2011 8:03	0	0
10	10/2/2011 8:04	0	0
11	10/2/2011 8:05	0	0
12	10/2/2011 8:06	0	0
13	10/2/2011 8:07	0	0
14	10/2/2011 8:08	0	0
15	10/2/2011 8:09	0	0
16	10/2/2011 8:10	0	0
17	10/2/2011 8:11	0	0
18	10/2/2011 8:12	0	0
19	10/2/2011 8:13	0	0
20	10/2/2011 8:14	0	0
21	10/2/2011 8:15	0	0
22	10/2/2011 8:16	0	0
23	10/2/2011 8:17	0	0
24	10/2/2011 8:18	0	0
25	10/2/2011 8:19	0	0
26	10/2/2011 8:20	0	0

27	10/2/2011 8:21	0	0
28	10/2/2011 8:22	0	0
29	10/2/2011 8:23	0	0
30	10/2/2011 8:24	0	0
31	10/2/2011 8:25	0	0
32	10/2/2011 8:26	0	0
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541	10/2/2011 16:55	0	0
542	10/2/2011 16:56	0	0
543	10/2/2011 16:57	0	0

544	10/2/2011 16:58	0	0
545	10/2/2011 16:59	0	0
546	10/2/2011 17:00	0	0
547	10/2/2011 17:01	0	0
548	10/2/2011 17:02	0	0
549	10/2/2011 17:03	0	0
550	10/2/2011 17:04	0	0
551	10/2/2011 17:05	0	0
552	10/2/2011 17:06	0	0
553	10/2/2011 17:07	0	0
554	10/2/2011 17:08	0	0
555	10/2/2011 17:09	0	0
556	10/2/2011 17:10	0	0
557	10/2/2011 17:11	0	0
558	10/2/2011 17:12	0	0
559	10/2/2011 17:13	0	0
560	10/2/2011 17:14	0	0
561	10/2/2011 17:15	0	0
562	10/2/2011 17:16	0	0
563	10/2/2011 17:17	0	0
564	10/2/2011 17:18	0	0
565	10/2/2011 17:19	0	0
566	10/2/2011 17:20	0	0
567	10/2/2011 17:21	0	0
568	10/2/2011 17:22	0	0
569	10/2/2011 17:23	0	0
570	10/2/2011 17:24	0	0
571	10/2/2011 17:25	0	0
572	10/2/2011 17:26	0	0
573	10/2/2011 17:27	0	0
574	10/2/2011 17:28	0	0
575	10/2/2011 17:29	0	0
576	10/2/2011 17:30	0	0
577	10/2/2011 17:31	0	0
578	10/2/2011 17:32	0	0
579	10/2/2011 17:33	0.014	14
580	10/2/2011 17:34	0	0
581	10/2/2011 17:35	0	0
582	10/2/2011 17:36	0	0
583	10/2/2011 17:37	0	0
584	10/2/2011 17:38	0	0
585	10/2/2011 17:39	0	0
586	10/2/2011 17:40	0	0
587	10/2/2011 17:41	0	0
588	10/2/2011 17:42	0	0
589	10/2/2011 17:43	0	0
590	10/2/2011 17:44	0	0

591	10/2/2011 17:45	0	0
592	10/2/2011 17:46	0	0
593	10/2/2011 17:47	0	0
594	10/2/2011 17:48	0	0
595	10/2/2011 17:49	0	0
596	10/2/2011 17:50	0	0
597	10/2/2011 17:51	0	0
598	10/2/2011 17:52	0	0
599	10/2/2011 17:53	0	0
600	10/2/2011 17:54	0	0
601	10/2/2011 17:55	0	0
602	10/2/2011 17:56	0	0
603	10/2/2011 17:57	0	0
604	10/2/2011 17:58	0	0
605	10/2/2011 17:59	0	0
606	10/2/2011 18:00	0	0
607	10/2/2011 18:01	0	0
608	10/2/2011 18:02	0	0
609	10/2/2011 18:03	0	0
610	10/2/2011 18:04	0	0
611	10/2/2011 18:05	0	0
612	10/2/2011 18:06	0	0
613	10/2/2011 18:07	0	0
614	10/2/2011 18:08	0	0
615	10/2/2011 18:09	0	0
616	10/2/2011 18:10	0	0
617	10/2/2011 18:11	0	0
618	10/2/2011 18:12	0	0
619	10/2/2011 18:13	0	0
620	10/2/2011 18:14	0	0
621	10/2/2011 18:15	0	0
622	10/2/2011 18:16	0	0
623	10/2/2011 18:17	0	0
624	10/2/2011 18:18	0	0
625	10/2/2011 18:19	0	0
626	10/2/2011 18:20	0	0
627	10/2/2011 18:21	0	0
628	10/2/2011 18:22	0	0
629	10/2/2011 18:23	0	0
630	10/2/2011 18:24	0	0
631	10/2/2011 18:25	0	0
632	10/2/2011 18:26	0	0
633	10/2/2011 18:27	0	0
634	10/2/2011 18:28	0	0
635	10/2/2011 18:29	0	0
636	10/2/2011 18:30	0	0
637	10/2/2011 18:31	0	0

638	10/2/2011 18:32	0	0
639	10/2/2011 18:33	0	0
640	10/2/2011 18:34	0	0
641	10/2/2011 18:35	0	0
642	10/2/2011 18:36	0	0
643	10/2/2011 18:37	0	0
644	10/2/2011 18:38	0	0
645	10/2/2011 18:39	0	0
646	10/2/2011 18:40	0	0
647	10/2/2011 18:41	0	0
648	10/2/2011 18:42	0	0

=====Event #2 information (end)=====

Instrument Name DustTrak DRX
 Model Number 8533
 Serial Number 8533101806
 Firmware Version 2.8
 Calibration Date 5/19/2011
 Test Name MANUAL_001
 Test Start Time 7:31:20 AM
 Test Start Date 10/2/2011
 Test Length [D:H:M] 0:10:50
 Test Interval [M:S] 1:00
 PM1 Average [mg/m³] 0.006
 PM1 Minimum [mg/m³] 0
 PM1 Maximum [mg/m³] 0.112
 PM1 TWA [mg/m³] 0.005
 PM2.5 Average [mg/m³] 0.006
 PM2.5 Minimum [mg/m³] 0
 PM2.5 Maximum [mg/m³] 0.113
 PM2.5 TWA [mg/m³] 0.005
 PM4 Average [mg/m³] 0.006
 PM4 Minimum [mg/m³] 0
 PM4 Maximum [mg/m³] 0.113
 PM4 TWA [mg/m³] 0.005
 PM10 Average [mg/m³] 0.007
 PM10 Minimum [mg/m³] 0
 PM10 Maximum [mg/m³] 0.156
 PM10 TWA [mg/m³] 0.006
 TOTAL Average [mg/m³] 0.007
 TOTAL Minimum [mg/m³] 0
 TOTAL Maximum [mg/m³] 0.161
 TOTAL TWA [mg/m³] 0.007
 Photometric User Cal 1
 Size Correction User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 650

Elapsed Time [s]	PM1	PM2.5	PM4	PM10	TOTAL	Alarms	Errors
	[mg/m ³]						
60	0.027	0.027	0.028	0.033	0.036		
120	0.011	0.011	0.012	0.012	0.012		
180	0.011	0.011	0.011	0.011	0.011		
240	0.012	0.012	0.012	0.012	0.012		
300	0.012	0.013	0.013	0.013	0.013		
360	0.014	0.014	0.014	0.014	0.014		
420	0.012	0.012	0.012	0.013	0.013		
480	0.011	0.011	0.011	0.011	0.011		
540	0.01	0.01	0.01	0.011	0.011		

600	0.01	0.01	0.01	0.01	0.01
660	0.012	0.012	0.012	0.013	0.014
720	0.01	0.01	0.01	0.01	0.01
780	0.011	0.011	0.011	0.011	0.011
840	0.01	0.01	0.01	0.01	0.01
900	0.011	0.011	0.011	0.011	0.011
960	0.009	0.009	0.009	0.009	0.009
1020	0.01	0.01	0.01	0.01	0.01
1080	0.008	0.008	0.008	0.008	0.008
1140	0.008	0.008	0.008	0.009	0.009
1200	0.008	0.008	0.008	0.008	0.008
1260	0.007	0.007	0.007	0.007	0.007
1320	0.006	0.006	0.006	0.007	0.007
1380	0.008	0.008	0.008	0.008	0.008
1440	0.007	0.007	0.007	0.008	0.008
1500	0.008	0.008	0.008	0.008	0.009
1560	0.009	0.009	0.009	0.009	0.009
1620	0.006	0.006	0.006	0.007	0.007
1680	0.01	0.01	0.011	0.011	0.011
1740	0.006	0.006	0.006	0.007	0.007
1800	0.006	0.006	0.007	0.007	0.007
1860	0.006	0.006	0.006	0.007	0.007
1920	0.022	0.022	0.023	0.023	0.023
1980	0.034	0.034	0.034	0.035	0.035
2040	0.016	0.016	0.016	0.016	0.016
2100	0.006	0.006	0.006	0.006	0.006
2160	0.02	0.02	0.02	0.02	0.02
2220	0.012	0.012	0.012	0.013	0.013
2280	0.008	0.008	0.008	0.008	0.008
2340	0.109	0.109	0.109	0.109	0.109
2400	0.034	0.034	0.034	0.035	0.035
2460	0.015	0.015	0.015	0.015	0.015
2520	0.009	0.009	0.009	0.011	0.011
2580	0.006	0.007	0.007	0.007	0.007
2640	0.006	0.006	0.006	0.006	0.006
2700	0.007	0.007	0.007	0.007	0.008
2760	0.007	0.007	0.007	0.007	0.007
2820	0.006	0.006	0.006	0.006	0.006
2880	0.007	0.007	0.007	0.007	0.007
2940	0.008	0.008	0.008	0.008	0.008
3000	0.009	0.01	0.01	0.012	0.012
3060	0.007	0.007	0.007	0.008	0.008
3120	0.006	0.006	0.006	0.007	0.007
3180	0.006	0.006	0.006	0.006	0.006
3240	0.006	0.006	0.007	0.007	0.007
3300	0.007	0.007	0.008	0.008	0.009
3360	0.006	0.006	0.006	0.007	0.007

3420	0.006	0.006	0.006	0.006	0.006
3480	0.006	0.006	0.006	0.007	0.007
3540	0.006	0.006	0.006	0.006	0.006
3600	0.005	0.005	0.005	0.005	0.005
3660	0.005	0.005	0.005	0.005	0.005
3720	0.005	0.005	0.005	0.005	0.005
3780	0.005	0.005	0.005	0.005	0.005
3840	0.005	0.005	0.005	0.006	0.006
3900	0.004	0.004	0.004	0.005	0.005
3960	0.004	0.005	0.005	0.005	0.005
4020	0.006	0.006	0.006	0.007	0.007
4080	0.005	0.005	0.005	0.005	0.005
4140	0.01	0.01	0.01	0.011	0.011
4200	0.007	0.007	0.007	0.007	0.008
4260	0.004	0.004	0.004	0.005	0.005
4320	0.004	0.004	0.004	0.005	0.005
4380	0.004	0.004	0.004	0.004	0.004
4440	0.004	0.004	0.004	0.004	0.004
4500	0.004	0.004	0.004	0.004	0.004
4560	0.003	0.003	0.003	0.003	0.003
4620	0.003	0.003	0.003	0.003	0.003
4680	0.003	0.003	0.003	0.003	0.004
4740	0.004	0.004	0.004	0.005	0.005
4800	0.005	0.005	0.005	0.005	0.005
4860	0.003	0.003	0.003	0.003	0.003
4920	0.002	0.002	0.002	0.003	0.003
4980	0.004	0.004	0.004	0.005	0.005
5040	0.003	0.003	0.003	0.003	0.003
5100	0.003	0.003	0.003	0.003	0.003
5160	0.003	0.003	0.003	0.003	0.003
5220	0.003	0.003	0.003	0.003	0.003
5280	0.002	0.002	0.002	0.002	0.002
5340	0.005	0.005	0.006	0.008	0.011
5400	0.002	0.002	0.002	0.002	0.002
5460	0.002	0.002	0.002	0.002	0.002
5520	0.003	0.003	0.003	0.003	0.003
5580	0.003	0.003	0.003	0.004	0.004
5640	0.004	0.004	0.004	0.004	0.004
5700	0.005	0.005	0.006	0.006	0.006
5760	0.002	0.002	0.002	0.003	0.003
5820	0.003	0.003	0.003	0.003	0.003
5880	0.003	0.003	0.003	0.003	0.003
5940	0.003	0.003	0.003	0.003	0.003
6000	0.004	0.004	0.004	0.004	0.004
6060	0.003	0.003	0.003	0.003	0.003
6120	0.004	0.004	0.004	0.004	0.004
6180	0.004	0.004	0.004	0.004	0.004

6240	0.002	0.002	0.003	0.003	0.003
6300	0.002	0.002	0.002	0.002	0.002
6360	0.002	0.003	0.003	0.003	0.003
6420	0.002	0.002	0.002	0.003	0.003
6480	0.003	0.003	0.003	0.003	0.003
6540	0.003	0.003	0.003	0.003	0.003
6600	0.002	0.002	0.002	0.003	0.003
6660	0.003	0.003	0.003	0.003	0.004
6720	0.01	0.01	0.01	0.01	0.01
6780	0.004	0.004	0.004	0.004	0.004
6840	0.003	0.003	0.003	0.003	0.003
6900	0.002	0.002	0.002	0.002	0.002
6960	0.002	0.002	0.002	0.002	0.002
7020	0.001	0.002	0.002	0.002	0.002
7080	0.002	0.002	0.002	0.002	0.002
7140	0.002	0.002	0.002	0.002	0.002
7200	0.002	0.002	0.002	0.002	0.002
7260	0.003	0.003	0.003	0.003	0.003
7320	0.002	0.002	0.002	0.002	0.002
7380	0.001	0.001	0.001	0.002	0.002
7440	0.001	0.001	0.001	0.001	0.001
7500	0.002	0.002	0.002	0.002	0.002
7560	0.002	0.002	0.002	0.002	0.002
7620	0.002	0.002	0.002	0.002	0.002
7680	0.002	0.002	0.002	0.002	0.002
7740	0.002	0.002	0.002	0.002	0.002
7800	0.003	0.003	0.003	0.003	0.004
7860	0.002	0.002	0.002	0.002	0.002
7920	0.002	0.002	0.002	0.002	0.002
7980	0.002	0.002	0.002	0.002	0.002
8040	0.002	0.002	0.002	0.002	0.002
8100	0.003	0.004	0.004	0.004	0.004
8160	0.002	0.002	0.002	0.002	0.002
8220	0.002	0.002	0.002	0.002	0.002
8280	0.001	0.001	0.001	0.002	0.002
8340	0.003	0.003	0.003	0.003	0.003
8400	0.003	0.003	0.003	0.003	0.003
8460	0.002	0.003	0.003	0.003	0.004
8520	0.002	0.002	0.002	0.003	0.003
8580	0.001	0.001	0.001	0.001	0.002
8640	0.001	0.001	0.001	0.001	0.001
8700	0.001	0.001	0.002	0.002	0.002
8760	0.001	0.001	0.001	0.002	0.002
8820	0.001	0.001	0.001	0.002	0.002
8880	0.002	0.002	0.002	0.002	0.002
8940	0.003	0.003	0.003	0.003	0.003
9000	0.001	0.001	0.001	0.001	0.001

9060	0.001	0.001	0.001	0.001	0.001
9120	0.002	0.002	0.002	0.003	0.003
9180	0.003	0.003	0.003	0.004	0.005
9240	0.002	0.002	0.002	0.002	0.002
9300	0.002	0.002	0.002	0.002	0.002
9360	0.002	0.002	0.002	0.003	0.003
9420	0.001	0.001	0.001	0.002	0.002
9480	0.001	0.001	0.001	0.001	0.001
9540	0.002	0.002	0.002	0.002	0.002
9600	0.002	0.002	0.002	0.002	0.002
9660	0.002	0.002	0.002	0.002	0.002
9720	0.002	0.003	0.003	0.003	0.003
9780	0.002	0.002	0.002	0.002	0.002
9840	0.002	0.002	0.002	0.002	0.002
9900	0.002	0.002	0.002	0.002	0.002
9960	0.001	0.001	0.001	0.001	0.001
10020	0.002	0.002	0.003	0.003	0.003
10080	0.003	0.004	0.004	0.004	0.004
10140	0.001	0.001	0.001	0.001	0.001
10200	0.002	0.002	0.002	0.003	0.003
10260	0.002	0.002	0.002	0.002	0.002
10320	0.001	0.001	0.001	0.001	0.001
10380	0.001	0.001	0.001	0.001	0.001
10440	0.001	0.001	0.001	0.001	0.001
10500	0.001	0.001	0.001	0.002	0.002
10560	0.001	0.001	0.001	0.001	0.001
10620	0.002	0.002	0.002	0.002	0.002
10680	0.001	0.001	0.001	0.002	0.002
10740	0.001	0.001	0.001	0.001	0.001
10800	0	0	0	0	0
10860	0	0.001	0.001	0.001	0.001
10920	0.001	0.001	0.001	0.001	0.001
10980	0.001	0.001	0.001	0.002	0.002
11040	0.002	0.002	0.002	0.003	0.003
11100	0	0	0	0	0
11160	0.001	0.001	0.001	0.002	0.002
11220	0.001	0.001	0.002	0.002	0.002
11280	0.001	0.001	0.001	0.001	0.002
11340	0.001	0.001	0.001	0.001	0.001
11400	0.001	0.001	0.001	0.001	0.001
11460	0.001	0.001	0.001	0.001	0.002
11520	0.006	0.006	0.007	0.008	0.009
11580	0.001	0.001	0.001	0.001	0.001
11640	0	0	0.001	0.001	0.001
11700	0.001	0.001	0.001	0.001	0.001
11760	0	0	0	0	0
11820	0.001	0.001	0.001	0.001	0.001

11880	0.001	0.001	0.001	0.001	0.001
11940	0	0	0	0	0
12000	0	0	0	0	0
12060	0	0	0.001	0.001	0.001
12120	0.001	0.001	0.001	0.002	0.002
12180	0.005	0.005	0.005	0.006	0.006
12240	0.001	0.001	0.001	0.001	0.001
12300	0	0	0	0.001	0.001
12360	0	0	0	0.001	0.001
12420	0	0	0	0.001	0.001
12480	0.002	0.002	0.002	0.003	0.003
12540	0.001	0.001	0.001	0.001	0.001
12600	0	0.001	0.001	0.001	0.001
12660	0.001	0.001	0.001	0.002	0.002
12720	0.001	0.001	0.001	0.001	0.001
12780	0.002	0.002	0.002	0.003	0.003
12840	0.001	0.001	0.001	0.001	0.002
12900	0	0	0	0	0
12960	0	0	0	0	0.001
13020	0	0	0.001	0.001	0.001
13080	0.001	0.001	0.001	0.001	0.001
13140	0.003	0.003	0.003	0.004	0.004
13200	0.003	0.004	0.004	0.005	0.005
13260	0.003	0.003	0.003	0.004	0.004
13320	0.001	0.001	0.001	0.002	0.002
13380	0	0	0	0.001	0.001
13440	0.001	0.001	0.001	0.001	0.001
13500	0.001	0.002	0.002	0.002	0.002
13560	0.002	0.002	0.002	0.002	0.002
13620	0.002	0.002	0.002	0.003	0.003
13680	0.001	0.001	0.002	0.002	0.002
13740	0.002	0.002	0.002	0.002	0.002
13800	0.003	0.003	0.003	0.003	0.003
13860	0.001	0.001	0.002	0.002	0.002
13920	0.002	0.002	0.002	0.003	0.003
13980	0	0	0	0	0.001
14040	0.001	0.001	0.001	0.002	0.002
14100	0.002	0.003	0.003	0.006	0.006
14160	0.002	0.002	0.002	0.003	0.003
14220	0.044	0.044	0.044	0.045	0.045
14280	0.001	0.002	0.002	0.002	0.002
14340	0.001	0.001	0.001	0.001	0.001
14400	0.002	0.002	0.002	0.003	0.004
14460	0.001	0.001	0.001	0.002	0.002
14520	0.001	0.001	0.001	0.002	0.002
14580	0.002	0.002	0.002	0.002	0.002
14640	0.001	0.001	0.001	0.001	0.001

14700	0.001	0.001	0.001	0.001	0.001
14760	0.001	0.001	0.001	0.001	0.001
14820	0.002	0.003	0.003	0.003	0.003
14880	0.002	0.002	0.002	0.002	0.002
14940	0.002	0.002	0.003	0.003	0.004
15000	0.002	0.002	0.003	0.003	0.003
15060	0.002	0.002	0.002	0.003	0.003
15120	0.002	0.002	0.002	0.003	0.003
15180	0.002	0.002	0.002	0.002	0.003
15240	0.001	0.001	0.001	0.001	0.001
15300	0.002	0.002	0.002	0.003	0.003
15360	0	0	0.001	0.001	0.001
15420	0.001	0.002	0.002	0.002	0.002
15480	0.001	0.001	0.001	0.002	0.002
15540	0.001	0.001	0.001	0.001	0.001
15600	0.001	0.001	0.001	0.001	0.002
15660	0.001	0.001	0.001	0.001	0.001
15720	0.001	0.001	0.001	0.001	0.001
15780	0.004	0.004	0.005	0.007	0.008
15840	0.014	0.015	0.018	0.03	0.033
15900	0.001	0.001	0.001	0.002	0.002
15960	0.001	0.001	0.001	0.002	0.003
16020	0.001	0.001	0.001	0.001	0.002
16080	0.003	0.003	0.004	0.005	0.005
16140	0.003	0.003	0.003	0.005	0.005
16200	0.006	0.007	0.007	0.012	0.012
16260	0.001	0.001	0.001	0.002	0.002
16320	0.001	0.001	0.002	0.002	0.002
16380	0.001	0.001	0.001	0.001	0.002
16440	0.001	0.001	0.001	0.001	0.001
16500	0.001	0.001	0.001	0.001	0.001
16560	0.001	0.001	0.001	0.001	0.001
16620	0.001	0.001	0.001	0.001	0.002
16680	0.001	0.001	0.001	0.001	0.001
16740	0.002	0.002	0.002	0.003	0.003
16800	0.001	0.001	0.001	0.001	0.001
16860	0.001	0.001	0.001	0.001	0.001
16920	0	0.001	0.001	0.001	0.001
16980	0.001	0.001	0.002	0.002	0.002
17040	0.003	0.003	0.003	0.004	0.005
17100	0.002	0.003	0.003	0.004	0.004
17160	0.001	0.001	0.001	0.002	0.002
17220	0.001	0.001	0.001	0.002	0.002
17280	0.001	0.001	0.001	0.001	0.001
17340	0.001	0.001	0.001	0.001	0.001
17400	0.001	0.001	0.001	0.001	0.001
17460	0.003	0.003	0.003	0.004	0.004

17520	0.002	0.002	0.002	0.003	0.003
17580	0.002	0.002	0.002	0.004	0.005
17640	0.001	0.001	0.001	0.001	0.001
17700	0	0	0.001	0.001	0.001
17760	0.007	0.007	0.008	0.013	0.015
17820	0.001	0.001	0.001	0.001	0.001
17880	0.001	0.001	0.001	0.001	0.001
17940	0.001	0.001	0.001	0.002	0.002
18000	0.015	0.015	0.015	0.015	0.015
18060	0.002	0.002	0.002	0.002	0.002
18120	0.001	0.001	0.001	0.001	0.001
18180	0.003	0.003	0.003	0.005	0.005
18240	0.002	0.002	0.002	0.003	0.003
18300	0.001	0.001	0.001	0.002	0.002
18360	0.002	0.002	0.002	0.002	0.003
18420	0.005	0.005	0.006	0.01	0.01
18480	0.004	0.004	0.005	0.007	0.008
18540	0.002	0.002	0.002	0.003	0.003
18600	0.011	0.012	0.014	0.024	0.026
18660	0.003	0.004	0.004	0.005	0.005
18720	0.001	0.001	0.001	0.001	0.001
18780	0.002	0.002	0.002	0.003	0.004
18840	0.003	0.004	0.004	0.005	0.005
18900	0.001	0.001	0.001	0.001	0.001
18960	0.001	0.001	0.001	0.002	0.002
19020	0.019	0.019	0.021	0.034	0.038
19080	0.003	0.004	0.004	0.006	0.007
19140	0.003	0.004	0.004	0.004	0.005
19200	0.004	0.004	0.004	0.004	0.004
19260	0.001	0.001	0.001	0.001	0.002
19320	0.001	0.001	0.001	0.002	0.002
19380	0.001	0.001	0.001	0.001	0.002
19440	0.001	0.001	0.002	0.002	0.002
19500	0.003	0.003	0.003	0.005	0.005
19560	0.004	0.004	0.004	0.006	0.007
19620	0.005	0.005	0.006	0.008	0.008
19680	0.001	0.001	0.001	0.002	0.002
19740	0.001	0.001	0.001	0.002	0.002
19800	0.002	0.002	0.002	0.002	0.003
19860	0.003	0.003	0.003	0.003	0.003
19920	0.004	0.004	0.004	0.004	0.004
19980	0.001	0.001	0.001	0.002	0.002
20040	0.001	0.002	0.002	0.002	0.002
20100	0.002	0.002	0.002	0.002	0.002
20160	0.002	0.002	0.002	0.002	0.002
20220	0.002	0.002	0.003	0.003	0.003
20280	0.002	0.003	0.003	0.004	0.005

20340	0.001	0.001	0.002	0.002	0.002
20400	0.001	0.001	0.001	0.002	0.002
20460	0.018	0.019	0.022	0.036	0.039
20520	0.003	0.003	0.003	0.003	0.003
20580	0.007	0.007	0.008	0.009	0.01
20640	0.004	0.004	0.004	0.005	0.006
20700	0.001	0.002	0.002	0.002	0.002
20760	0.006	0.006	0.007	0.009	0.01
20820	0.008	0.008	0.009	0.011	0.012
20880	0.015	0.016	0.018	0.026	0.029
20940	0.01	0.011	0.012	0.016	0.018
21000	0.005	0.005	0.005	0.006	0.007
21060	0.023	0.024	0.026	0.035	0.037
21120	0.015	0.015	0.017	0.022	0.024
21180	0.005	0.005	0.006	0.009	0.009
21240	0.003	0.003	0.004	0.005	0.005
21300	0.003	0.003	0.003	0.004	0.005
21360	0.001	0.001	0.002	0.002	0.002
21420	0.002	0.002	0.002	0.002	0.002
21480	0.003	0.003	0.003	0.004	0.005
21540	0.002	0.002	0.002	0.002	0.002
21600	0.003	0.003	0.003	0.004	0.004
21660	0.003	0.003	0.004	0.005	0.006
21720	0.006	0.007	0.007	0.01	0.011
21780	0.022	0.022	0.023	0.023	0.024
21840	0.014	0.014	0.014	0.015	0.015
21900	0.012	0.012	0.013	0.014	0.014
21960	0.022	0.022	0.022	0.024	0.024
22020	0.018	0.018	0.018	0.018	0.018
22080	0.015	0.015	0.015	0.016	0.016
22140	0.012	0.012	0.012	0.014	0.014
22200	0.006	0.006	0.006	0.007	0.007
22260	0.003	0.003	0.003	0.003	0.004
22320	0.003	0.003	0.003	0.004	0.004
22380	0.002	0.003	0.003	0.004	0.005
22440	0.006	0.007	0.007	0.01	0.011
22500	0.02	0.021	0.024	0.036	0.039
22560	0.006	0.006	0.006	0.007	0.007
22620	0.006	0.006	0.006	0.007	0.008
22680	0.002	0.002	0.002	0.002	0.002
22740	0.002	0.002	0.002	0.003	0.003
22800	0.003	0.003	0.003	0.003	0.003
22860	0.006	0.006	0.007	0.01	0.012
22920	0.004	0.004	0.004	0.006	0.006
22980	0.003	0.003	0.004	0.005	0.006
23040	0.008	0.008	0.009	0.013	0.015
23100	0.004	0.005	0.005	0.008	0.008

23160	0.007	0.007	0.008	0.013	0.015
23220	0.002	0.002	0.002	0.002	0.002
23280	0.002	0.002	0.002	0.002	0.002
23340	0.009	0.009	0.01	0.01	0.01
23400	0.004	0.004	0.004	0.005	0.005
23460	0.004	0.004	0.004	0.005	0.005
23520	0.003	0.003	0.003	0.004	0.004
23580	0.003	0.003	0.003	0.004	0.004
23640	0.07	0.073	0.083	0.121	0.13
23700	0.021	0.023	0.027	0.049	0.054
23760	0.012	0.012	0.014	0.02	0.023
23820	0.002	0.002	0.002	0.002	0.002
23880	0.007	0.007	0.008	0.012	0.013
23940	0.003	0.003	0.003	0.003	0.003
24000	0.002	0.002	0.002	0.003	0.003
24060	0.002	0.002	0.002	0.004	0.004
24120	0.001	0.002	0.002	0.002	0.002
24180	0.004	0.004	0.005	0.007	0.007
24240	0.001	0.001	0.002	0.002	0.002
24300	0.002	0.002	0.003	0.003	0.003
24360	0.002	0.002	0.003	0.003	0.003
24420	0.002	0.002	0.002	0.002	0.003
24480	0.002	0.002	0.002	0.002	0.002
24540	0.008	0.008	0.009	0.014	0.015
24600	0.002	0.002	0.002	0.003	0.003
24660	0.003	0.003	0.003	0.003	0.003
24720	0.001	0.001	0.002	0.002	0.002
24780	0.002	0.002	0.002	0.002	0.002
24840	0.002	0.002	0.002	0.002	0.002
24900	0.002	0.002	0.002	0.002	0.003
24960	0.002	0.002	0.002	0.002	0.002
25020	0.002	0.002	0.002	0.003	0.003
25080	0.008	0.008	0.009	0.011	0.011
25140	0.002	0.002	0.002	0.003	0.003
25200	0.002	0.002	0.002	0.003	0.003
25260	0.002	0.002	0.002	0.002	0.002
25320	0.039	0.04	0.046	0.073	0.077
25380	0.002	0.002	0.002	0.003	0.003
25440	0.004	0.004	0.004	0.005	0.005
25500	0.04	0.042	0.048	0.074	0.081
25560	0.009	0.009	0.01	0.014	0.015
25620	0.004	0.004	0.005	0.005	0.005
25680	0.004	0.004	0.004	0.004	0.004
25740	0.005	0.005	0.005	0.005	0.006
25800	0.003	0.003	0.003	0.003	0.003
25860	0.003	0.003	0.003	0.003	0.004
25920	0.004	0.004	0.004	0.005	0.006

25980	0.002	0.002	0.002	0.002	0.002
26040	0.002	0.002	0.003	0.003	0.003
26100	0.002	0.003	0.003	0.004	0.004
26160	0.002	0.002	0.002	0.002	0.002
26220	0.003	0.003	0.003	0.004	0.004
26280	0.005	0.005	0.005	0.006	0.007
26340	0.004	0.004	0.004	0.006	0.007
26400	0.002	0.002	0.002	0.002	0.002
26460	0.005	0.005	0.006	0.008	0.009
26520	0.003	0.004	0.004	0.005	0.005
26580	0.008	0.009	0.009	0.014	0.015
26640	0.004	0.004	0.004	0.005	0.006
26700	0.009	0.01	0.011	0.015	0.016
26760	0.009	0.009	0.011	0.016	0.017
26820	0.003	0.003	0.004	0.006	0.006
26880	0.002	0.002	0.002	0.003	0.003
26940	0.003	0.003	0.003	0.003	0.003
27000	0.002	0.002	0.003	0.003	0.003
27060	0.003	0.003	0.003	0.003	0.003
27120	0.003	0.003	0.003	0.003	0.004
27180	0.005	0.005	0.005	0.006	0.006
27240	0.003	0.003	0.003	0.003	0.003
27300	0.088	0.094	0.111	0.156	0.161
27360	0.013	0.013	0.015	0.019	0.02
27420	0.004	0.004	0.005	0.005	0.006
27480	0.009	0.01	0.011	0.016	0.017
27540	0.003	0.003	0.003	0.004	0.004
27600	0.003	0.003	0.003	0.003	0.004
27660	0.002	0.002	0.002	0.003	0.003
27720	0.004	0.004	0.004	0.005	0.005
27780	0.036	0.038	0.043	0.069	0.08
27840	0.002	0.002	0.002	0.002	0.002
27900	0.003	0.003	0.003	0.004	0.004
27960	0.002	0.002	0.002	0.003	0.003
28020	0.002	0.002	0.002	0.003	0.003
28080	0.015	0.015	0.016	0.022	0.024
28140	0.003	0.003	0.003	0.004	0.004
28200	0.005	0.005	0.005	0.006	0.006
28260	0.004	0.004	0.004	0.004	0.004
28320	0.004	0.004	0.004	0.005	0.005
28380	0.003	0.003	0.004	0.004	0.004
28440	0.004	0.004	0.005	0.006	0.006
28500	0.003	0.003	0.003	0.004	0.004
28560	0.003	0.003	0.003	0.003	0.003
28620	0.004	0.005	0.005	0.006	0.006
28680	0.003	0.003	0.003	0.003	0.003
28740	0.003	0.003	0.003	0.003	0.003

28800	0.004	0.004	0.004	0.005	0.005
28860	0.004	0.004	0.004	0.005	0.005
28920	0.005	0.005	0.005	0.007	0.007
28980	0.003	0.003	0.003	0.004	0.004
29040	0.003	0.003	0.003	0.003	0.003
29100	0.002	0.002	0.003	0.003	0.003
29160	0.003	0.003	0.003	0.004	0.004
29220	0.003	0.003	0.003	0.003	0.003
29280	0.003	0.003	0.003	0.003	0.003
29340	0.003	0.003	0.003	0.004	0.004
29400	0.006	0.006	0.007	0.009	0.009
29460	0.006	0.007	0.007	0.008	0.009
29520	0.006	0.006	0.006	0.009	0.009
29580	0.007	0.007	0.007	0.009	0.01
29640	0.003	0.003	0.003	0.004	0.004
29700	0.036	0.038	0.042	0.064	0.071
29760	0.008	0.008	0.009	0.013	0.014
29820	0.003	0.003	0.003	0.003	0.003
29880	0.003	0.003	0.003	0.003	0.004
29940	0.003	0.003	0.003	0.003	0.003
30000	0.003	0.003	0.003	0.004	0.004
30060	0.004	0.004	0.004	0.004	0.004
30120	0.006	0.006	0.006	0.007	0.007
30180	0.003	0.003	0.003	0.003	0.003
30240	0.003	0.003	0.003	0.003	0.003
30300	0.005	0.005	0.005	0.006	0.006
30360	0.013	0.013	0.014	0.016	0.017
30420	0.004	0.004	0.005	0.005	0.005
30480	0.009	0.009	0.01	0.011	0.013
30540	0.013	0.013	0.014	0.018	0.018
30600	0.015	0.015	0.015	0.016	0.016
30660	0.011	0.011	0.011	0.012	0.012
30720	0.005	0.005	0.006	0.006	0.006
30780	0.007	0.007	0.007	0.008	0.008
30840	0.004	0.004	0.004	0.004	0.004
30900	0.004	0.004	0.004	0.004	0.004
30960	0.003	0.003	0.003	0.003	0.003
31020	0.021	0.021	0.022	0.023	0.024
31080	0.015	0.015	0.015	0.016	0.016
31140	0.017	0.018	0.018	0.018	0.018
31200	0.003	0.003	0.003	0.003	0.003
31260	0.01	0.01	0.011	0.015	0.016
31320	0.005	0.005	0.005	0.005	0.005
31380	0.005	0.005	0.005	0.007	0.007
31440	0.007	0.007	0.008	0.01	0.011
31500	0.004	0.004	0.004	0.005	0.005
31560	0.007	0.007	0.007	0.011	0.012

31620	0.014	0.014	0.016	0.023	0.025
31680	0.06	0.062	0.07	0.104	0.115
31740	0.023	0.024	0.027	0.042	0.044
31800	0.003	0.003	0.003	0.003	0.004
31860	0.008	0.008	0.009	0.012	0.012
31920	0.012	0.012	0.013	0.016	0.018
31980	0.008	0.008	0.009	0.012	0.013
32040	0.003	0.003	0.003	0.003	0.003
32100	0.004	0.004	0.004	0.005	0.005
32160	0.003	0.003	0.004	0.004	0.004
32220	0.006	0.006	0.006	0.008	0.01
32280	0.003	0.003	0.003	0.003	0.003
32340	0.004	0.004	0.004	0.004	0.004
32400	0.003	0.003	0.003	0.004	0.004
32460	0.005	0.006	0.006	0.007	0.007
32520	0.005	0.005	0.005	0.006	0.007
32580	0.003	0.003	0.004	0.004	0.004
32640	0.006	0.006	0.006	0.008	0.008
32700	0.003	0.003	0.003	0.003	0.003
32760	0.003	0.003	0.003	0.004	0.004
32820	0.003	0.003	0.003	0.003	0.003
32880	0.004	0.004	0.004	0.004	0.004
32940	0.004	0.004	0.004	0.004	0.004
33000	0.003	0.003	0.003	0.004	0.004
33060	0.004	0.005	0.005	0.005	0.005
33120	0.003	0.003	0.003	0.003	0.003
33180	0.003	0.003	0.003	0.003	0.003
33240	0.003	0.003	0.003	0.003	0.003
33300	0.004	0.004	0.004	0.004	0.004
33360	0.004	0.004	0.004	0.004	0.004
33420	0.004	0.004	0.004	0.004	0.004
33480	0.004	0.004	0.004	0.004	0.004
33540	0.004	0.004	0.004	0.004	0.004
33600	0.003	0.003	0.003	0.003	0.003
33660	0.004	0.004	0.004	0.005	0.005
33720	0.004	0.004	0.004	0.004	0.004
33780	0.004	0.004	0.004	0.004	0.004
33840	0.004	0.004	0.004	0.004	0.004
33900	0.004	0.004	0.004	0.005	0.005
33960	0.031	0.031	0.032	0.037	0.039
34020	0.006	0.006	0.006	0.006	0.007
34080	0.004	0.004	0.004	0.004	0.004
34140	0.004	0.004	0.004	0.004	0.004
34200	0.004	0.004	0.004	0.004	0.004
34260	0.004	0.004	0.005	0.005	0.005
34320	0.005	0.005	0.005	0.006	0.006
34380	0.004	0.004	0.004	0.005	0.005

34440	0.004	0.004	0.004	0.004	0.005
34500	0.005	0.005	0.006	0.007	0.008
34560	0.005	0.005	0.005	0.006	0.006
34620	0.005	0.005	0.005	0.006	0.006
34680	0.005	0.005	0.005	0.005	0.006
34740	0.01	0.01	0.01	0.014	0.017
34800	0.008	0.008	0.008	0.008	0.008
34860	0.009	0.009	0.009	0.01	0.01
34920	0.008	0.008	0.008	0.009	0.009
34980	0.006	0.006	0.007	0.007	0.007
35040	0.006	0.006	0.006	0.007	0.007
35100	0.006	0.007	0.007	0.009	0.009
35160	0.005	0.005	0.005	0.005	0.005
35220	0.112	0.113	0.113	0.114	0.114
35280	0.007	0.007	0.007	0.007	0.007
35340	0.005	0.006	0.006	0.006	0.006
35400	0.006	0.006	0.006	0.006	0.006
35460	0.005	0.005	0.005	0.005	0.005
35520	0.005	0.005	0.005	0.005	0.005
35580	0.006	0.006	0.006	0.006	0.006
35640	0.005	0.006	0.006	0.006	0.006
35700	0.006	0.006	0.006	0.007	0.007
35760	0.006	0.006	0.006	0.006	0.006
35820	0.005	0.005	0.005	0.006	0.006
35880	0.005	0.005	0.006	0.006	0.006
35940	0.006	0.006	0.006	0.006	0.006
36000	0.005	0.006	0.006	0.006	0.006
36060	0.006	0.006	0.006	0.006	0.006
36120	0.006	0.006	0.006	0.006	0.006
36180	0.007	0.007	0.008	0.008	0.008
36240	0.007	0.007	0.007	0.007	0.007
36300	0.007	0.007	0.007	0.007	0.007
36360	0.006	0.007	0.007	0.007	0.007
36420	0.013	0.014	0.015	0.017	0.017
36480	0.01	0.01	0.011	0.012	0.012
36540	0.007	0.007	0.008	0.008	0.008
36600	0.007	0.007	0.008	0.008	0.008
36660	0.006	0.006	0.006	0.007	0.007
36720	0.007	0.008	0.008	0.008	0.008
36780	0.007	0.008	0.008	0.009	0.009
36840	0.007	0.007	0.007	0.008	0.008
36900	0.005	0.005	0.005	0.005	0.005
36960	0.007	0.007	0.007	0.007	0.007
37020	0.052	0.052	0.053	0.053	0.053
37080	0.006	0.006	0.006	0.007	0.007
37140	0.005	0.005	0.006	0.006	0.006
37200	0.005	0.005	0.006	0.006	0.006

37260	0.006	0.006	0.006	0.006	0.006
37320	0.007	0.007	0.007	0.007	0.007
37380	0.006	0.006	0.006	0.006	0.006
37440	0.005	0.005	0.005	0.005	0.005
37500	0.006	0.006	0.006	0.006	0.006
37560	0.005	0.005	0.005	0.006	0.006
37620	0.006	0.006	0.007	0.007	0.007
37680	0.007	0.007	0.008	0.009	0.009
37740	0.006	0.006	0.006	0.006	0.006
37800	0.005	0.006	0.006	0.006	0.006
37860	0.013	0.014	0.014	0.014	0.014
37920	0.008	0.008	0.008	0.008	0.008
37980	0.005	0.005	0.006	0.006	0.006
38040	0.006	0.006	0.006	0.006	0.006
38100	0.007	0.007	0.007	0.007	0.007
38160	0.006	0.006	0.006	0.006	0.006
38220	0.007	0.007	0.007	0.007	0.007
38280	0.006	0.006	0.006	0.006	0.006
38340	0.007	0.007	0.007	0.008	0.008
38400	0.006	0.007	0.007	0.007	0.007
38460	0.011	0.011	0.011	0.012	0.012
38520	0.01	0.01	0.01	0.01	0.01
38580	0.007	0.007	0.007	0.007	0.007
38640	0.007	0.007	0.007	0.007	0.007
38700	0.006	0.006	0.006	0.006	0.006
38760	0.006	0.006	0.006	0.007	0.007
38820	0.006	0.006	0.006	0.006	0.006
38880	0.006	0.006	0.006	0.006	0.006
38940	0.006	0.006	0.007	0.007	0.007
39000	0.014	0.014	0.014	0.014	0.014

Instrument Name DustTrak DRX
 Model Number 8533
 Serial Number 8533112903
 Firmware Version 2.8
 Calibration Date 7/18/2011
 Test Name MANUAL_001
 Test Start Time 7:34:23
 Test Start Date 10/2/2011
 Test Length [D:H:M] 0:10:48
 Test Interval [M:S] 1:00
 PM1 Average [mg/m³] 0.014
 PM1 Minimum [mg/m³] 0.002
 PM1 Maximum [mg/m³] 1.02
 PM1 TWA [mg/m³] 0.015
 PM2.5 Average [mg/m³] 0.014
 PM2.5 Minimum [mg/m³] 0.002
 PM2.5 Maximum [mg/m³] 1.02
 PM2.5 TWA [mg/m³] 0.015
 PM4 Average [mg/m³] 0.015
 PM4 Minimum [mg/m³] 0.002
 PM4 Maximum [mg/m³] 1.03
 PM4 TWA [mg/m³] 0.016
 PM10 Average [mg/m³] 0.016
 PM10 Minimum [mg/m³] 0.003
 PM10 Maximum [mg/m³] 1.03
 PM10 TWA [mg/m³] 0.017
 TOTAL Average [mg/m³] 0.017
 TOTAL Minimum [mg/m³] 0.003
 TOTAL Maximum [mg/m³] 1.03
 TOTAL TWA [mg/m³] 0.018
 Photometric User Cal 1
 Size Correction User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 648

Elapsed Time [s]	PM1	PM2.5	PM4	PM10	TOTAL	Alarms	Errors
	[mg/m ³]						
60	0.07	0.071	0.073	0.116	0.156		
120	0.015	0.015	0.016	0.017	0.017		
180	0.015	0.015	0.015	0.015	0.015		
240	0.012	0.013	0.013	0.013	0.013		
300	0.011	0.011	0.011	0.011	0.011		
360	0.028	0.028	0.029	0.037	0.056		
420	0.038	0.039	0.042	0.077	0.115		
480	0.011	0.011	0.011	0.012	0.012		
540	0.011	0.011	0.012	0.012	0.012		

600	0.013	0.013	0.013	0.017	0.018
660	0.109	0.11	0.111	0.131	0.152
720	0.023	0.024	0.024	0.024	0.024
780	0.019	0.019	0.019	0.02	0.02
840	0.009	0.009	0.009	0.009	0.009
900	0.017	0.017	0.017	0.017	0.017
960	0.014	0.015	0.015	0.015	0.016
1020	0.009	0.009	0.009	0.009	0.009
1080	0.008	0.009	0.009	0.009	0.009
1140	0.088	0.089	0.091	0.112	0.125
1200	0.022	0.022	0.023	0.028	0.029
1260	0.009	0.009	0.009	0.011	0.011
1320	0.05	0.05	0.051	0.053	0.053
1380	0.01	0.011	0.011	0.012	0.012
1440	0.008	0.008	0.008	0.008	0.008
1500	0.01	0.01	0.011	0.011	0.011
1560	0.008	0.008	0.008	0.009	0.009
1620	0.009	0.009	0.009	0.009	0.01
1680	0.009	0.009	0.009	0.01	0.01
1740	0.02	0.02	0.02	0.021	0.021
1800	0.024	0.024	0.024	0.025	0.026
1860	0.047	0.048	0.048	0.048	0.048
1920	0.082	0.084	0.084	0.085	0.085
1980	0.014	0.014	0.014	0.014	0.014
2040	0.021	0.021	0.021	0.022	0.022
2100	0.032	0.032	0.033	0.033	0.034
2160	0.023	0.024	0.024	0.024	0.024
2220	0.013	0.013	0.013	0.014	0.014
2280	0.006	0.006	0.006	0.006	0.006
2340	0.007	0.008	0.008	0.008	0.008
2400	0.032	0.032	0.032	0.037	0.041
2460	0.006	0.006	0.006	0.007	0.007
2520	0.007	0.008	0.008	0.008	0.008
2580	0.009	0.009	0.009	0.009	0.009
2640	0.007	0.007	0.007	0.007	0.007
2700	0.008	0.008	0.008	0.009	0.009
2760	0.007	0.007	0.007	0.008	0.008
2820	0.008	0.008	0.008	0.008	0.008
2880	0.007	0.007	0.007	0.007	0.007
2940	0.007	0.007	0.007	0.008	0.008
3000	0.007	0.007	0.008	0.008	0.008
3060	0.008	0.008	0.008	0.008	0.008
3120	0.042	0.042	0.043	0.05	0.058
3180	0.007	0.007	0.008	0.013	0.018
3240	0.006	0.007	0.007	0.007	0.007
3300	0.006	0.006	0.006	0.006	0.006
3360	0.006	0.006	0.006	0.006	0.006

3420	0.005	0.005	0.006	0.006	0.006
3480	0.005	0.005	0.005	0.005	0.005
3540	0.008	0.009	0.009	0.01	0.012
3600	0.006	0.006	0.006	0.006	0.006
3660	0.007	0.007	0.008	0.009	0.009
3720	0.005	0.005	0.005	0.006	0.007
3780	0.004	0.004	0.004	0.004	0.004
3840	0.004	0.004	0.005	0.005	0.005
3900	0.005	0.005	0.005	0.006	0.006
3960	0.008	0.009	0.009	0.009	0.009
4020	0.006	0.006	0.006	0.006	0.006
4080	0.005	0.005	0.005	0.005	0.005
4140	0.005	0.005	0.005	0.006	0.006
4200	0.021	0.021	0.022	0.032	0.04
4260	0.007	0.007	0.007	0.008	0.008
4320	0.005	0.005	0.005	0.005	0.005
4380	0.005	0.005	0.005	0.006	0.006
4440	0.004	0.005	0.005	0.006	0.006
4500	0.004	0.004	0.004	0.004	0.005
4560	0.004	0.004	0.004	0.004	0.004
4620	0.004	0.004	0.005	0.005	0.006
4680	0.003	0.003	0.003	0.003	0.003
4740	0.005	0.005	0.006	0.006	0.007
4800	0.004	0.004	0.005	0.005	0.005
4860	0.004	0.004	0.005	0.005	0.006
4920	0.007	0.007	0.008	0.008	0.008
4980	0.005	0.005	0.005	0.006	0.006
5040	0.004	0.004	0.004	0.005	0.005
5100	0.005	0.005	0.005	0.006	0.008
5160	0.008	0.008	0.009	0.012	0.015
5220	0.015	0.015	0.016	0.027	0.043
5280	0.004	0.004	0.004	0.004	0.004
5340	0.004	0.004	0.005	0.005	0.005
5400	0.005	0.005	0.005	0.006	0.006
5460	0.004	0.004	0.004	0.004	0.004
5520	0.004	0.004	0.004	0.004	0.004
5580	0.004	0.004	0.004	0.004	0.004
5640	0.003	0.003	0.003	0.004	0.004
5700	0.003	0.003	0.003	0.004	0.004
5760	0.004	0.004	0.004	0.004	0.004
5820	0.004	0.004	0.004	0.004	0.004
5880	0.006	0.006	0.006	0.006	0.006
5940	0.272	0.273	0.28	0.361	0.443
6000	0.008	0.008	0.008	0.008	0.008
6060	0.004	0.004	0.005	0.005	0.005
6120	0.005	0.005	0.005	0.006	0.006
6180	0.004	0.004	0.004	0.004	0.004

6240	0.005	0.005	0.005	0.005	0.005
6300	0.004	0.004	0.004	0.004	0.004
6360	0.004	0.004	0.004	0.004	0.004
6420	0.003	0.004	0.004	0.004	0.004
6480	0.057	0.057	0.058	0.065	0.072
6540	0.02	0.02	0.02	0.02	0.02
6600	0.004	0.004	0.004	0.004	0.004
6660	0.003	0.003	0.003	0.004	0.004
6720	0.003	0.003	0.003	0.003	0.003
6780	0.003	0.003	0.003	0.003	0.003
6840	0.003	0.003	0.003	0.003	0.003
6900	0.003	0.003	0.003	0.004	0.004
6960	0.004	0.004	0.004	0.004	0.004
7020	0.004	0.004	0.004	0.005	0.005
7080	0.005	0.005	0.005	0.005	0.006
7140	0.004	0.004	0.004	0.004	0.004
7200	0.004	0.004	0.004	0.005	0.005
7260	0.003	0.003	0.003	0.003	0.003
7320	0.004	0.004	0.004	0.004	0.004
7380	0.004	0.004	0.004	0.005	0.005
7440	0.003	0.003	0.003	0.004	0.004
7500	0.01	0.01	0.01	0.011	0.011
7560	0.019	0.019	0.02	0.02	0.02
7620	0.011	0.011	0.012	0.012	0.012
7680	0.003	0.003	0.003	0.003	0.003
7740	0.005	0.005	0.005	0.006	0.006
7800	0.023	0.024	0.025	0.037	0.048
7860	0.004	0.004	0.004	0.005	0.005
7920	0.004	0.004	0.004	0.004	0.004
7980	0.003	0.003	0.003	0.003	0.003
8040	0.003	0.004	0.004	0.004	0.004
8100	0.004	0.004	0.004	0.004	0.004
8160	0.005	0.005	0.005	0.005	0.005
8220	0.004	0.004	0.004	0.004	0.004
8280	0.004	0.004	0.004	0.004	0.004
8340	0.003	0.003	0.003	0.003	0.003
8400	0.004	0.004	0.004	0.004	0.004
8460	0.004	0.004	0.005	0.005	0.005
8520	0.005	0.005	0.005	0.005	0.005
8580	0.004	0.004	0.004	0.004	0.005
8640	0.004	0.004	0.004	0.004	0.004
8700	0.005	0.005	0.005	0.005	0.005
8760	0.005	0.005	0.005	0.005	0.005
8820	0.005	0.005	0.005	0.005	0.006
8880	0.005	0.005	0.005	0.006	0.006
8940	0.004	0.004	0.005	0.005	0.005
9000	0.023	0.023	0.025	0.044	0.062

9060	0.003	0.003	0.003	0.004	0.004
9120	0.004	0.004	0.004	0.004	0.004
9180	0.003	0.003	0.004	0.004	0.004
9240	0.003	0.003	0.003	0.003	0.003
9300	0.004	0.004	0.004	0.004	0.004
9360	0.004	0.004	0.004	0.004	0.004
9420	0.004	0.004	0.004	0.004	0.004
9480	0.005	0.005	0.005	0.005	0.005
9540	0.005	0.005	0.005	0.005	0.005
9600	0.004	0.004	0.004	0.004	0.004
9660	0.005	0.005	0.005	0.006	0.006
9720	0.005	0.005	0.005	0.005	0.005
9780	0.004	0.005	0.005	0.005	0.005
9840	0.006	0.006	0.006	0.007	0.007
9900	0.004	0.004	0.004	0.004	0.004
9960	0.005	0.005	0.006	0.006	0.007
10020	0.004	0.004	0.004	0.005	0.005
10080	0.003	0.003	0.003	0.004	0.004
10140	0.003	0.003	0.003	0.003	0.003
10200	0.004	0.004	0.004	0.004	0.004
10260	0.005	0.005	0.005	0.005	0.005
10320	0.007	0.007	0.008	0.008	0.009
10380	0.09	0.091	0.091	0.1	0.111
10440	0.01	0.01	0.01	0.01	0.011
10500	0.009	0.009	0.009	0.01	0.01
10560	0.003	0.003	0.003	0.004	0.004
10620	0.003	0.003	0.003	0.003	0.003
10680	0.004	0.004	0.004	0.004	0.004
10740	0.019	0.019	0.019	0.019	0.019
10800	0.006	0.006	0.006	0.007	0.007
10860	0.006	0.006	0.006	0.006	0.006
10920	0.004	0.004	0.004	0.005	0.005
10980	0.006	0.006	0.006	0.006	0.007
11040	0.004	0.004	0.004	0.005	0.005
11100	0.004	0.004	0.004	0.004	0.004
11160	0.004	0.004	0.004	0.005	0.005
11220	0.004	0.004	0.004	0.005	0.005
11280	0.003	0.003	0.003	0.004	0.004
11340	0.015	0.015	0.016	0.018	0.018
11400	0.015	0.015	0.016	0.024	0.033
11460	0.003	0.003	0.003	0.003	0.003
11520	0.002	0.002	0.002	0.003	0.003
11580	0.003	0.003	0.003	0.003	0.003
11640	0.006	0.006	0.006	0.007	0.007
11700	0.006	0.006	0.006	0.007	0.007
11760	0.002	0.002	0.003	0.003	0.003
11820	0.002	0.002	0.003	0.003	0.003

11880	0.004	0.004	0.004	0.005	0.005
11940	0.011	0.011	0.011	0.012	0.012
12000	0.012	0.013	0.013	0.014	0.014
12060	0.004	0.004	0.004	0.005	0.005
12120	0.004	0.005	0.005	0.006	0.007
12180	0.027	0.027	0.027	0.034	0.042
12240	0.003	0.003	0.003	0.003	0.003
12300	0.004	0.004	0.004	0.004	0.004
12360	0.004	0.004	0.004	0.004	0.004
12420	0.005	0.005	0.005	0.005	0.005
12480	0.004	0.004	0.004	0.004	0.005
12540	0.005	0.005	0.005	0.006	0.006
12600	0.005	0.005	0.006	0.006	0.006
12660	0.004	0.004	0.004	0.005	0.005
12720	0.003	0.003	0.003	0.003	0.003
12780	0.006	0.006	0.006	0.006	0.006
12840	0.005	0.005	0.005	0.006	0.006
12900	0.006	0.006	0.006	0.006	0.007
12960	0.008	0.008	0.008	0.009	0.009
13020	0.008	0.008	0.009	0.01	0.01
13080	0.01	0.01	0.011	0.012	0.012
13140	0.004	0.004	0.004	0.004	0.005
13200	0.003	0.003	0.003	0.004	0.004
13260	0.232	0.232	0.232	0.233	0.233
13320	0.074	0.074	0.076	0.09	0.106
13380	0.004	0.004	0.004	0.005	0.005
13440	0.007	0.007	0.007	0.007	0.008
13500	0.004	0.004	0.004	0.005	0.005
13560	0.005	0.005	0.006	0.006	0.006
13620	0.005	0.005	0.006	0.006	0.006
13680	0.008	0.008	0.008	0.008	0.008
13740	0.005	0.005	0.005	0.006	0.006
13800	0.003	0.003	0.003	0.004	0.004
13860	0.005	0.005	0.006	0.007	0.007
13920	0.005	0.005	0.005	0.006	0.006
13980	0.041	0.042	0.042	0.046	0.048
14040	0.024	0.025	0.028	0.036	0.037
14100	0.006	0.007	0.007	0.008	0.008
14160	0.004	0.004	0.005	0.005	0.005
14220	0.007	0.008	0.008	0.008	0.008
14280	0.042	0.042	0.042	0.042	0.044
14340	0.009	0.01	0.01	0.014	0.016
14400	0.005	0.005	0.006	0.006	0.006
14460	0.005	0.005	0.006	0.006	0.006
14520	0.004	0.004	0.004	0.005	0.005
14580	0.007	0.008	0.008	0.009	0.01
14640	0.008	0.008	0.009	0.009	0.009

14700	0.005	0.005	0.005	0.005	0.005
14760	0.006	0.006	0.006	0.007	0.008
14820	0.005	0.006	0.006	0.007	0.007
14880	0.006	0.006	0.006	0.007	0.007
14940	0.254	0.255	0.255	0.261	0.269
15000	1.02	1.02	1.03	1.03	1.03
15060	0.333	0.333	0.334	0.345	0.354
15120	0.005	0.005	0.006	0.006	0.006
15180	0.006	0.006	0.006	0.007	0.007
15240	0.006	0.006	0.006	0.007	0.007
15300	0.01	0.01	0.011	0.011	0.011
15360	0.009	0.009	0.009	0.01	0.01
15420	0.008	0.008	0.008	0.009	0.009
15480	0.006	0.006	0.006	0.006	0.006
15540	0.005	0.005	0.005	0.005	0.005
15600	0.006	0.007	0.007	0.01	0.012
15660	0.003	0.003	0.003	0.004	0.004
15720	0.003	0.003	0.003	0.004	0.004
15780	0.003	0.003	0.004	0.004	0.004
15840	0.003	0.003	0.003	0.003	0.003
15900	0.003	0.003	0.003	0.003	0.003
15960	0.003	0.003	0.004	0.004	0.005
16020	0.003	0.003	0.004	0.005	0.005
16080	0.003	0.003	0.004	0.004	0.004
16140	0.003	0.003	0.003	0.004	0.004
16200	0.003	0.003	0.003	0.003	0.003
16260	0.003	0.003	0.003	0.003	0.003
16320	0.003	0.003	0.003	0.003	0.003
16380	0.003	0.003	0.003	0.003	0.003
16440	0.003	0.003	0.003	0.004	0.004
16500	0.003	0.003	0.003	0.003	0.003
16560	0.003	0.003	0.003	0.003	0.003
16620	0.003	0.003	0.003	0.003	0.003
16680	0.008	0.008	0.008	0.01	0.011
16740	0.012	0.012	0.013	0.016	0.02
16800	0.005	0.005	0.006	0.007	0.007
16860	0.006	0.006	0.006	0.007	0.007
16920	0.004	0.004	0.004	0.004	0.004
16980	0.003	0.003	0.004	0.004	0.004
17040	0.003	0.003	0.003	0.004	0.004
17100	0.003	0.003	0.003	0.003	0.003
17160	0.004	0.004	0.004	0.005	0.005
17220	0.004	0.005	0.005	0.005	0.006
17280	0.009	0.009	0.009	0.009	0.01
17340	0.004	0.004	0.005	0.005	0.005
17400	0.005	0.005	0.005	0.006	0.006
17460	0.003	0.003	0.003	0.003	0.003

17520	0.005	0.005	0.005	0.006	0.006
17580	0.005	0.005	0.005	0.007	0.007
17640	0.003	0.003	0.003	0.003	0.003
17700	0.004	0.004	0.004	0.004	0.004
17760	0.081	0.081	0.081	0.082	0.083
17820	0.075	0.075	0.077	0.083	0.087
17880	0.014	0.014	0.015	0.017	0.018
17940	0.037	0.038	0.042	0.06	0.063
18000	0.005	0.006	0.006	0.007	0.007
18060	0.007	0.007	0.008	0.011	0.012
18120	0.016	0.016	0.016	0.016	0.016
18180	0.007	0.007	0.008	0.009	0.009
18240	0.008	0.008	0.008	0.009	0.01
18300	0.007	0.007	0.007	0.009	0.009
18360	0.008	0.008	0.009	0.013	0.014
18420	0.007	0.007	0.008	0.009	0.009
18480	0.01	0.011	0.011	0.019	0.022
18540	0.007	0.007	0.007	0.008	0.009
18600	0.006	0.006	0.007	0.008	0.008
18660	0.007	0.007	0.007	0.008	0.008
18720	0.005	0.005	0.005	0.005	0.005
18780	0.005	0.005	0.005	0.006	0.006
18840	0.004	0.004	0.004	0.006	0.007
18900	0.004	0.004	0.004	0.005	0.005
18960	0.006	0.006	0.007	0.007	0.008
19020	0.004	0.004	0.004	0.005	0.005
19080	0.003	0.003	0.003	0.004	0.004
19140	0.003	0.003	0.003	0.004	0.004
19200	0.003	0.004	0.004	0.004	0.004
19260	0.003	0.003	0.003	0.004	0.004
19320	0.003	0.004	0.004	0.004	0.004
19380	0.003	0.004	0.004	0.004	0.004
19440	0.203	0.203	0.203	0.205	0.206
19500	0.003	0.003	0.004	0.004	0.004
19560	0.003	0.003	0.003	0.004	0.004
19620	0.004	0.004	0.004	0.005	0.005
19680	0.006	0.006	0.006	0.006	0.006
19740	0.005	0.005	0.005	0.006	0.006
19800	0.004	0.005	0.005	0.005	0.005
19860	0.007	0.007	0.007	0.009	0.009
19920	0.009	0.009	0.009	0.01	0.01
19980	0.007	0.007	0.008	0.008	0.008
20040	0.006	0.006	0.006	0.007	0.007
20100	0.006	0.006	0.006	0.007	0.007
20160	0.006	0.006	0.007	0.007	0.007
20220	0.006	0.007	0.007	0.009	0.01
20280	0.23	0.23	0.231	0.231	0.232

20340	0.078	0.079	0.079	0.083	0.087
20400	0.015	0.015	0.015	0.016	0.016
20460	0.005	0.005	0.005	0.006	0.006
20520	0.029	0.029	0.03	0.032	0.032
20580	0.015	0.015	0.015	0.018	0.018
20640	0.018	0.018	0.019	0.021	0.021
20700	0.013	0.014	0.014	0.016	0.016
20760	0.01	0.011	0.011	0.012	0.012
20820	0.015	0.015	0.015	0.017	0.017
20880	0.011	0.011	0.012	0.014	0.015
20940	0.006	0.006	0.007	0.008	0.008
21000	0.006	0.006	0.006	0.007	0.007
21060	0.006	0.006	0.007	0.007	0.008
21120	0.005	0.005	0.005	0.005	0.005
21180	0.006	0.006	0.006	0.007	0.007
21240	0.006	0.006	0.006	0.006	0.006
21300	0.01	0.01	0.01	0.01	0.01
21360	0.005	0.005	0.005	0.006	0.006
21420	0.007	0.007	0.007	0.008	0.008
21480	0.007	0.007	0.007	0.009	0.009
21540	0.008	0.008	0.008	0.008	0.009
21600	0.018	0.019	0.019	0.019	0.019
21660	0.015	0.016	0.016	0.017	0.018
21720	0.015	0.015	0.015	0.016	0.016
21780	0.024	0.024	0.024	0.025	0.025
21840	0.02	0.02	0.02	0.021	0.021
21900	0.016	0.016	0.016	0.017	0.017
21960	0.011	0.012	0.012	0.012	0.013
22020	0.007	0.007	0.007	0.007	0.007
22080	0.005	0.005	0.005	0.005	0.005
22140	0.005	0.005	0.005	0.005	0.005
22200	0.312	0.312	0.312	0.312	0.312
22260	0.071	0.071	0.071	0.073	0.073
22320	0.006	0.006	0.006	0.007	0.007
22380	0.007	0.007	0.008	0.008	0.008
22440	0.005	0.005	0.005	0.006	0.006
22500	0.005	0.005	0.005	0.006	0.006
22560	0.005	0.005	0.006	0.007	0.007
22620	0.004	0.005	0.005	0.006	0.007
22680	0.004	0.004	0.004	0.005	0.005
22740	0.004	0.004	0.004	0.004	0.004
22800	0.005	0.005	0.006	0.006	0.006
22860	0.009	0.009	0.01	0.015	0.016
22920	0.006	0.006	0.006	0.006	0.006
22980	0.073	0.073	0.073	0.074	0.074
23040	0.008	0.008	0.008	0.008	0.008
23100	0.03	0.03	0.031	0.036	0.041

23160	0.015	0.015	0.016	0.017	0.017
23220	0.022	0.023	0.024	0.03	0.031
23280	0.007	0.007	0.007	0.008	0.008
23340	0.007	0.008	0.008	0.01	0.01
23400	0.006	0.006	0.006	0.007	0.008
23460	0.01	0.01	0.012	0.016	0.016
23520	0.008	0.008	0.008	0.009	0.009
23580	0.008	0.008	0.008	0.009	0.01
23640	0.009	0.009	0.009	0.009	0.009
23700	0.008	0.008	0.008	0.008	0.008
23760	0.005	0.005	0.006	0.006	0.006
23820	0.006	0.006	0.006	0.007	0.007
23880	0.004	0.005	0.005	0.006	0.006
23940	0.031	0.031	0.032	0.035	0.038
24000	0.005	0.005	0.005	0.006	0.006
24060	0.004	0.005	0.005	0.005	0.005
24120	0.005	0.005	0.005	0.006	0.006
24180	0.004	0.004	0.004	0.005	0.005
24240	0.005	0.005	0.005	0.006	0.007
24300	0.006	0.006	0.007	0.008	0.008
24360	0.004	0.004	0.005	0.007	0.007
24420	0.004	0.004	0.004	0.005	0.005
24480	0.004	0.004	0.004	0.004	0.004
24540	0.004	0.004	0.004	0.004	0.005
24600	0.004	0.004	0.004	0.005	0.005
24660	0.004	0.004	0.004	0.005	0.005
24720	0.004	0.004	0.005	0.005	0.005
24780	0.004	0.004	0.005	0.005	0.005
24840	0.005	0.005	0.005	0.006	0.006
24900	0.005	0.005	0.005	0.006	0.006
24960	0.005	0.005	0.005	0.005	0.005
25020	0.005	0.005	0.006	0.006	0.006
25080	0.004	0.004	0.005	0.005	0.005
25140	0.007	0.008	0.009	0.013	0.015
25200	0.004	0.004	0.005	0.005	0.005
25260	0.006	0.006	0.007	0.01	0.01
25320	0.006	0.006	0.007	0.008	0.008
25380	0.008	0.008	0.008	0.008	0.008
25440	0.007	0.007	0.007	0.008	0.008
25500	0.006	0.006	0.006	0.006	0.006
25560	0.006	0.006	0.007	0.007	0.007
25620	0.005	0.005	0.006	0.006	0.006
25680	0.005	0.005	0.005	0.006	0.006
25740	0.004	0.004	0.004	0.005	0.005
25800	0.004	0.004	0.004	0.004	0.004
25860	0.003	0.004	0.004	0.004	0.004
25920	0.003	0.003	0.003	0.003	0.003

25980	0.003	0.003	0.003	0.004	0.004
26040	0.003	0.003	0.003	0.003	0.003
26100	0.003	0.003	0.003	0.003	0.003
26160	0.003	0.003	0.004	0.004	0.004
26220	0.003	0.003	0.004	0.004	0.004
26280	0.003	0.003	0.004	0.004	0.004
26340	0.004	0.004	0.004	0.005	0.005
26400	0.004	0.004	0.004	0.004	0.004
26460	0.005	0.005	0.005	0.007	0.008
26520	0.005	0.005	0.005	0.007	0.007
26580	0.008	0.009	0.01	0.017	0.019
26640	0.007	0.007	0.008	0.011	0.012
26700	0.006	0.007	0.007	0.011	0.013
26760	0.005	0.005	0.006	0.006	0.007
26820	0.005	0.005	0.005	0.006	0.006
26880	0.005	0.005	0.006	0.006	0.006
26940	0.006	0.006	0.006	0.007	0.007
27000	0.007	0.007	0.007	0.008	0.008
27060	0.006	0.006	0.006	0.007	0.007
27120	0.053	0.061	0.075	0.1	0.102
27180	0.01	0.01	0.011	0.015	0.015
27240	0.009	0.009	0.01	0.013	0.015
27300	0.005	0.005	0.005	0.006	0.006
27360	0.007	0.007	0.008	0.01	0.011
27420	0.006	0.006	0.007	0.009	0.009
27480	0.033	0.033	0.035	0.047	0.057
27540	0.006	0.006	0.007	0.01	0.01
27600	0.004	0.004	0.005	0.006	0.006
27660	0.006	0.006	0.007	0.01	0.011
27720	0.004	0.005	0.005	0.005	0.005
27780	0.004	0.004	0.004	0.005	0.005
27840	0.008	0.008	0.009	0.012	0.013
27900	0.01	0.01	0.011	0.012	0.013
27960	0.004	0.005	0.005	0.006	0.006
28020	0.004	0.004	0.004	0.005	0.005
28080	0.004	0.005	0.005	0.005	0.005
28140	0.005	0.005	0.006	0.007	0.007
28200	0.004	0.004	0.004	0.005	0.005
28260	0.004	0.004	0.004	0.004	0.005
28320	0.004	0.004	0.004	0.004	0.004
28380	0.005	0.005	0.005	0.006	0.006
28440	0.005	0.005	0.005	0.006	0.006
28500	0.034	0.035	0.036	0.049	0.064
28560	0.005	0.005	0.005	0.007	0.007
28620	0.004	0.004	0.004	0.004	0.004
28680	0.006	0.006	0.006	0.006	0.006
28740	0.007	0.007	0.007	0.008	0.008

28800	0.007	0.007	0.007	0.008	0.008
28860	0.004	0.005	0.005	0.005	0.005
28920	0.005	0.005	0.005	0.006	0.006
28980	0.005	0.005	0.005	0.005	0.005
29040	0.004	0.004	0.004	0.005	0.005
29100	0.004	0.005	0.005	0.005	0.005
29160	0.006	0.006	0.006	0.006	0.006
29220	0.005	0.006	0.006	0.008	0.008
29280	0.007	0.007	0.008	0.012	0.014
29340	0.005	0.005	0.006	0.007	0.007
29400	0.005	0.005	0.006	0.006	0.006
29460	0.212	0.213	0.216	0.253	0.292
29520	0.006	0.006	0.007	0.008	0.009
29580	0.005	0.005	0.005	0.005	0.005
29640	0.005	0.005	0.005	0.005	0.005
29700	0.007	0.008	0.008	0.011	0.012
29760	0.007	0.007	0.008	0.011	0.012
29820	0.019	0.021	0.025	0.046	0.053
29880	0.009	0.01	0.011	0.016	0.016
29940	0.007	0.007	0.007	0.009	0.01
30000	0.006	0.006	0.007	0.009	0.009
30060	0.005	0.006	0.006	0.007	0.008
30120	0.028	0.029	0.029	0.033	0.034
30180	0.015	0.015	0.016	0.017	0.017
30240	0.012	0.013	0.013	0.014	0.014
30300	0.019	0.019	0.02	0.022	0.022
30360	0.034	0.035	0.036	0.041	0.047
30420	0.019	0.019	0.02	0.02	0.02
30480	0.018	0.019	0.019	0.019	0.019
30540	0.014	0.015	0.015	0.015	0.015
30600	0.066	0.068	0.075	0.098	0.1
30660	0.006	0.006	0.006	0.007	0.007
30720	0.006	0.006	0.006	0.006	0.006
30780	0.022	0.024	0.026	0.036	0.039
30840	0.01	0.01	0.01	0.012	0.012
30900	0.008	0.008	0.008	0.008	0.009
30960	0.078	0.078	0.08	0.083	0.084
31020	0.005	0.005	0.005	0.006	0.006
31080	0.01	0.011	0.011	0.017	0.019
31140	0.04	0.04	0.042	0.05	0.052
31200	0.005	0.006	0.006	0.006	0.006
31260	0.006	0.006	0.006	0.007	0.007
31320	0.005	0.006	0.006	0.006	0.006
31380	0.006	0.006	0.006	0.007	0.007
31440	0.008	0.008	0.009	0.012	0.013
31500	0.01	0.011	0.011	0.013	0.014
31560	0.008	0.008	0.008	0.01	0.011

31620	0.007	0.007	0.007	0.008	0.008
31680	0.016	0.016	0.017	0.02	0.02
31740	0.008	0.008	0.009	0.011	0.011
31800	0.006	0.006	0.006	0.007	0.008
31860	0.006	0.006	0.006	0.006	0.006
31920	0.007	0.007	0.008	0.008	0.008
31980	0.006	0.006	0.006	0.006	0.006
32040	0.007	0.007	0.008	0.008	0.008
32100	0.006	0.007	0.007	0.007	0.008
32160	0.005	0.005	0.005	0.005	0.005
32220	0.01	0.011	0.013	0.02	0.02
32280	0.009	0.009	0.011	0.015	0.016
32340	0.006	0.006	0.006	0.007	0.007
32400	0.006	0.006	0.006	0.008	0.008
32460	0.005	0.005	0.005	0.006	0.006
32520	0.005	0.005	0.005	0.005	0.005
32580	0.005	0.005	0.005	0.005	0.005
32640	0.005	0.005	0.005	0.005	0.005
32700	0.005	0.006	0.006	0.007	0.007
32760	0.004	0.004	0.005	0.005	0.005
32820	0.004	0.004	0.005	0.006	0.006
32880	0.007	0.007	0.008	0.013	0.017
32940	0.004	0.004	0.004	0.005	0.005
33000	0.005	0.005	0.005	0.006	0.007
33060	0.004	0.004	0.004	0.005	0.005
33120	0.005	0.005	0.005	0.005	0.005
33180	0.005	0.005	0.005	0.005	0.005
33240	0.005	0.005	0.005	0.005	0.005
33300	0.005	0.005	0.006	0.006	0.006
33360	0.005	0.005	0.006	0.006	0.006
33420	0.005	0.005	0.005	0.006	0.006
33480	0.006	0.006	0.006	0.006	0.006
33540	0.007	0.007	0.007	0.008	0.008
33600	0.007	0.007	0.007	0.008	0.008
33660	0.006	0.006	0.006	0.007	0.007
33720	0.006	0.006	0.006	0.007	0.007
33780	0.008	0.009	0.009	0.013	0.017
33840	0.007	0.007	0.008	0.01	0.01
33900	0.006	0.007	0.007	0.008	0.008
33960	0.006	0.006	0.006	0.006	0.006
34020	0.006	0.006	0.007	0.007	0.007
34080	0.006	0.006	0.006	0.007	0.007
34140	0.006	0.006	0.006	0.007	0.007
34200	0.006	0.006	0.006	0.007	0.007
34260	0.006	0.006	0.006	0.008	0.008
34320	0.007	0.008	0.008	0.01	0.01
34380	0.007	0.007	0.007	0.008	0.008

34440	0.006	0.006	0.007	0.007	0.007
34500	0.008	0.008	0.009	0.009	0.009
34560	0.01	0.01	0.01	0.011	0.011
34620	0.01	0.01	0.01	0.011	0.011
34680	0.009	0.009	0.01	0.01	0.011
34740	0.01	0.01	0.01	0.011	0.011
34800	0.008	0.008	0.009	0.009	0.009
34860	0.01	0.01	0.01	0.011	0.011
34920	0.011	0.011	0.012	0.016	0.021
34980	0.006	0.007	0.007	0.008	0.008
35040	0.021	0.021	0.022	0.022	0.022
35100	0.011	0.011	0.011	0.011	0.011
35160	0.006	0.006	0.006	0.006	0.006
35220	0.006	0.007	0.007	0.007	0.007
35280	0.006	0.006	0.006	0.006	0.006
35340	0.006	0.006	0.006	0.006	0.006
35400	0.006	0.006	0.006	0.007	0.007
35460	0.007	0.007	0.007	0.007	0.007
35520	0.007	0.007	0.007	0.008	0.008
35580	0.007	0.007	0.008	0.008	0.008
35640	0.007	0.008	0.008	0.008	0.008
35700	0.007	0.008	0.008	0.008	0.008
35760	0.007	0.008	0.008	0.008	0.008
35820	0.008	0.008	0.008	0.009	0.009
35880	0.008	0.008	0.009	0.009	0.009
35940	0.008	0.009	0.009	0.009	0.009
36000	0.009	0.009	0.009	0.009	0.009
36060	0.009	0.009	0.009	0.009	0.009
36120	0.008	0.008	0.008	0.008	0.008
36180	0.008	0.009	0.009	0.01	0.01
36240	0.02	0.021	0.022	0.023	0.023
36300	0.011	0.012	0.013	0.014	0.014
36360	0.009	0.01	0.01	0.011	0.011
36420	0.014	0.015	0.017	0.021	0.021
36480	0.016	0.018	0.021	0.028	0.029
36540	0.012	0.013	0.015	0.022	0.023
36600	0.009	0.009	0.01	0.011	0.011
36660	0.006	0.006	0.007	0.007	0.007
36720	0.007	0.008	0.008	0.009	0.009
36780	0.043	0.044	0.044	0.045	0.045
36840	0.008	0.009	0.009	0.009	0.009
36900	0.006	0.006	0.006	0.006	0.006
36960	0.006	0.007	0.007	0.007	0.008
37020	0.006	0.006	0.007	0.007	0.007
37080	0.006	0.007	0.007	0.007	0.007
37140	0.006	0.006	0.006	0.006	0.006
37200	0.005	0.005	0.006	0.006	0.006

37260	0.005	0.006	0.006	0.006	0.006
37320	0.006	0.006	0.006	0.006	0.006
37380	0.006	0.006	0.006	0.006	0.006
37440	0.007	0.007	0.007	0.007	0.007
37500	0.007	0.007	0.007	0.007	0.007
37560	0.006	0.007	0.007	0.007	0.007
37620	0.011	0.011	0.011	0.011	0.011
37680	0.015	0.016	0.016	0.017	0.017
37740	0.04	0.04	0.04	0.04	0.04
37800	0.007	0.007	0.007	0.007	0.007
37860	0.007	0.008	0.008	0.008	0.008
37920	0.007	0.007	0.008	0.008	0.008
37980	0.007	0.008	0.008	0.008	0.008
38040	0.008	0.008	0.008	0.008	0.008
38100	0.008	0.008	0.008	0.008	0.008
38160	0.008	0.008	0.008	0.009	0.009
38220	0.029	0.03	0.031	0.032	0.032
38280	0.011	0.012	0.012	0.013	0.013
38340	0.011	0.011	0.011	0.013	0.014
38400	0.008	0.009	0.009	0.01	0.01
38460	0.007	0.007	0.008	0.008	0.008
38520	0.01	0.01	0.01	0.011	0.011
38580	0.008	0.009	0.009	0.01	0.01
38640	0.009	0.009	0.01	0.01	0.01
38700	0.012	0.012	0.013	0.014	0.015
38760	0.021	0.021	0.021	0.022	0.022
38820	0.008	0.008	0.008	0.009	0.009
38880	0.007	0.008	0.008	0.009	0.009

Client: Metro-Greco
 Location: 10116/11
 Date: 10/16/11
 Field Personnel: Brian Semerchia

Project:
 Project Number:
 Weather: 60°s, sunny
 Ambient Noise: 77-81

Community Air Monitoring Plan / Noise Field Log

Time	Upwind PID	Upwind Dust Trak	Work Area PID	Downwind PID	Downwind Dust Trak	dB Readings ¹	Comments
0830	0.0	0.012	0.0	0.0	0.027	83.4	Pre-clearing / Jack hammer
0845	0.0	0.012	0.0	0.0	0.029	86.6	Setting up rig on location
0900	0.0	0.010	0.0	0.0	0.017	86.3	Begin drilling
0915	0.0	0.011	0.0	0.0	0.015	86.1	Drilling
0930	0.0	0.012	0.0	0.0	0.013	84.8	Drilling
0945	0.0	0.011	0.0	0.0	0.026	84.6	Drilling
1000	0.0	0.010	0.0	0.0	0.021	82.1	Drilling
1015	0.0	0.010	0.0	0.0	0.020	86.1	Drilling
1030	0.0	0.010	0.0	0.0	0.023	86.1	Drilling
1045	0.0	0.010	0.0	0.0	0.015	86.5	Drilling
1100	0.0	0.010	0.0	0.0	0.059	84.7	Drilling
1115	0.0	0.010	0.0	0.0	0.051	84.1	Drilling
1130	0.0	0.009	0.0	0.0	0.081	85.1	Drilling
1145	0.0	0.009	0.0	0.0	0.061	86.1	Drilling
1200	0.0	0.007	0.0	0.0	0.011	84.1	Drilling
1215	0.0	0.008	0.0	0.0	0.067	83.7	Drilling
1230	0.0	0.030	0.0	0.0	0.051	84.1	Drilling / Greco activities
1245	0.0	0.014	0.0	0.0	0.013	84.3	Greco activities
1315	0.0	0.008	0.0	0.0	0.011	84.1	Drilling
1345	0.0	0.032	0.0	0.0	0.075	83.7	Greco activities
1415	0.0	0.037	0.0	0.0	0.016	84.1	Drilling / Greco activities
1430	0.0	0.007	0.0	0.0	0.059	84.7	Well Installation
1445	0.0	0.008	0.0	0.0	0.012	84.2	"
1500	0.0	0.013	0.0	0.0	0.013	81.6	"
1515	0.0	0.009	0.0	0.0	0.027	85.3	"
1530	0.0	0.009	0.0	0.0	0.013	85.1	"
1545	0.0	0.009	0.0	0.0	0.009	84.5	"

=====Event #40 information (begin)=====

[Event #40 name:]-[Event #40]2011-10-16 07:22<-->2011-10-16 07:57

[Event start time:]--2011-10-16 07:22:24[Event end time:]--2011-10-16 07:57:24

=====Event #40 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-904624

Data Points: 35 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

Sensor Information : PID-Min(ppm)PID-Avg(ppm)PID-Max(ppm)

Measurement Gas : Isobutene

Calibration Time : 2011-10-16 07:22:002011-10-16 07:22:002011-10-16 07:22:00

Drift Value : --- --- ---

Low Alarm Levels : 50.000 50.000 50.000

High Alarm Levels : 100.000 100.000 100.000

Span Value : 100.000 100.000 100.000

Correction Factor : 1.00 1.00 1.00

Over Alarm Levels : 15000.000 15000.000 15000.000

=====Event #40 data informations=====

LINE#	Date/Time	PID-Min(ppm)	PID-Avg(ppm)	PID-Max(ppm)
-------	-----------	--------------	--------------	--------------

1	10/16/2011 7:23	0	0.029	1.464
2	10/16/2011 7:24	0	0	0
3	10/16/2011 7:25	0	0	0
4	10/16/2011 7:26	0	0	0
5	10/16/2011 7:27	0	0	0
6	10/16/2011 7:28	0	0	0
7	10/16/2011 7:29	0	0	0
8	10/16/2011 7:30	0	0	0
9	10/16/2011 7:31	0	0	0
10	10/16/2011 7:32	0	0	0
11	10/16/2011 7:33	0	0	0
12	10/16/2011 7:34	0	0	0
13	10/16/2011 7:35	0	0	0
14	10/16/2011 7:36	0	0	0
15	10/16/2011 7:37	0	0	0
16	10/16/2011 7:38	0	0	0
17	10/16/2011 7:39	0	0	0
18	10/16/2011 7:40	0	0	0
19	10/16/2011 7:41	0	0	0
20	10/16/2011 7:42	0	0	0
21	10/16/2011 7:43	0	0	0
22	10/16/2011 7:44	0	0	0
23	10/16/2011 7:45	0	0	0
24	10/16/2011 7:46	0	0	0
25	10/16/2011 7:47	0	0	0
26	10/16/2011 7:48	0	0	0

27	10/16/2011 7:49	0	0	0
28	10/16/2011 7:50	0	0	0
29	10/16/2011 7:51	0	0	0
30	10/16/2011 7:52	0	0	0
31	10/16/2011 7:53	0	0	0
32	10/16/2011 7:54	0	0	0
33	10/16/2011 7:55	0	0	0
34	10/16/2011 7:56	0	0	0
35	10/16/2011 7:57	0	0	0

=====Event #40 information (end)=====

=====Event #42 information (begin)=====

[Event #42 name:]--[Event #42]2011-10-16 08:02<-->2011-10-16 15:59

[Event start time:]--2011-10-16 08:02:14[Event end time:]--2011-10-16 15:59:14

=====Event #42 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-904624

Data Points: 477 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

Sensor Information : PID-Min(ppm)PID-Avg(ppm)PID-Max(ppm)

Measurement Gas : Isobutene

Calibration Time : 2011-10-16 08:02:002011-10-16 08:02:002011-10-16 08:02:00

Drift Value : --- --- ---

Low Alarm Levels : 50.000 50.000 50.000

High Alarm Levels : 100.000 100.000 100.000

Span Value : 100.000 100.000 100.000

Correction Factor : 1.00 1.00 1.00

Over Alarm Levels : 15000.000 15000.000 15000.000

=====Event #42 data informations=====

LINE#	Date/Time	PID-Min(ppm)	PID-Avg(ppm)	PID-Max(ppm)
1	10/16/2011 8:03	0	0.012	0.705
2	10/16/2011 8:04	0	0	0
3	10/16/2011 8:05	0	0	0
4	10/16/2011 8:06	0	0	0
5	10/16/2011 8:07	0	0	0
6	10/16/2011 8:08	0	0	0
7	10/16/2011 8:09	0	0	0
8	10/16/2011 8:10	0	0	0
9	10/16/2011 8:11	0	0	0
10	10/16/2011 8:12	0	0	0
11	10/16/2011 8:13	0	0	0
12	10/16/2011 8:14	0	0	0
13	10/16/2011 8:15	0	0	0
14	10/16/2011 8:16	0	0	0

15	10/16/2011 8:17	0	0	0
16	10/16/2011 8:18	0	0	0
17	10/16/2011 8:19	0	0	0
18	10/16/2011 8:20	0	0	0
19	10/16/2011 8:21	0	0	0
20	10/16/2011 8:22	0	0	0
21	10/16/2011 8:23	0	0	0
22	10/16/2011 8:24	0	0	0
23	10/16/2011 8:25	0	0	0
24	10/16/2011 8:26	0	0	0
25	10/16/2011 8:27	0	0	0
26	10/16/2011 8:28	0	0	0
27	10/16/2011 8:29	0	0	0
28	10/16/2011 8:30	0	0	0
29	10/16/2011 8:31	0	0	0
30	10/16/2011 8:32	0	0	0
31	10/16/2011 8:33	0	0	0
32	10/16/2011 8:34	0	0	0
33	10/16/2011 8:35	0	0	0
34	10/16/2011 8:36	0	0	0
35	10/16/2011 8:37	0	0	0
36	10/16/2011 8:38	0	0	0
37	10/16/2011 8:39	0	0	0
38	10/16/2011 8:40	0	0	0
39	10/16/2011 8:41	0	0	0
40	10/16/2011 8:42	0	0	0
41	10/16/2011 8:43	0	0	0
42	10/16/2011 8:44	0	0	0
43	10/16/2011 8:45	0	0	0
44	10/16/2011 8:46	0	0	0
45	10/16/2011 8:47	0	0	0
46	10/16/2011 8:48	0	0	0
47	10/16/2011 8:49	0	0	0
48	10/16/2011 8:50	0	0	0
49	10/16/2011 8:51	0	0	0
50	10/16/2011 8:52	0	0	0
51	10/16/2011 8:53	0	0	0
52	10/16/2011 8:54	0	0	0
53	10/16/2011 8:55	0	0	0
54	10/16/2011 8:56	0	0	0
55	10/16/2011 8:57	0	0	0
56	10/16/2011 8:58	0	0	0
57	10/16/2011 8:59	0	0	0
58	10/16/2011 9:00	0	0	0
59	10/16/2011 9:01	0	0	0
60	10/16/2011 9:02	0	0	0
61	10/16/2011 9:03	0	0	0

62	10/16/2011 9:04	0	0	0
63	10/16/2011 9:05	0	0	0
64	10/16/2011 9:06	0	0	0
65	10/16/2011 9:07	0	0	0
66	10/16/2011 9:08	0	0	0
67	10/16/2011 9:09	0	0	0
68	10/16/2011 9:10	0	0	0
69	10/16/2011 9:11	0	0	0
70	10/16/2011 9:12	0	0	0
71	10/16/2011 9:13	0	0	0
72	10/16/2011 9:14	0	0	0
73	10/16/2011 9:15	0	0	0
74	10/16/2011 9:16	0	0	0
75	10/16/2011 9:17	0	0	0
76	10/16/2011 9:18	0	0	0
77	10/16/2011 9:19	0	0	0
78	10/16/2011 9:20	0	0	0
79	10/16/2011 9:21	0	0	0
80	10/16/2011 9:22	0	0	0
81	10/16/2011 9:23	0	0	0
82	10/16/2011 9:24	0	0	0
83	10/16/2011 9:25	0	0	0
84	10/16/2011 9:26	0	0	0
85	10/16/2011 9:27	0	0	0
86	10/16/2011 9:28	0	0	0
87	10/16/2011 9:29	0	0	0
88	10/16/2011 9:30	0	0	0
89	10/16/2011 9:31	0	0	0
90	10/16/2011 9:32	0	0	0
91	10/16/2011 9:33	0	0	0
92	10/16/2011 9:34	0	0	0
93	10/16/2011 9:35	0	0	0
94	10/16/2011 9:36	0	0	0
95	10/16/2011 9:37	0	0	0
96	10/16/2011 9:38	0	0	0
97	10/16/2011 9:39	0	0	0
98	10/16/2011 9:40	0	0	0
99	10/16/2011 9:41	0	0	0
100	10/16/2011 9:42	0	0	0
101	10/16/2011 9:43	0	0	0
102	10/16/2011 9:44	0	0	0
103	10/16/2011 9:45	0	0	0
104	10/16/2011 9:46	0	0	0
105	10/16/2011 9:47	0	0	0
106	10/16/2011 9:48	0	0	0
107	10/16/2011 9:49	0	0	0
108	10/16/2011 9:50	0	0	0

109	10/16/2011 9:51	0	0	0
110	10/16/2011 9:52	0	0	0
111	10/16/2011 9:53	0	0	0
112	10/16/2011 9:54	0	0	0
113	10/16/2011 9:55	0	0	0
114	10/16/2011 9:56	0	0	0
115	10/16/2011 9:57	0	0	0
116	10/16/2011 9:58	0	0	0
117	10/16/2011 9:59	0	0	0
118	10/16/2011 10:00	0	0	0
119	10/16/2011 10:01	0	0	0
120	10/16/2011 10:02	0	0	0
121	10/16/2011 10:03	0	0	0
122	10/16/2011 10:04	0	0	0
123	10/16/2011 10:05	0	0	0
124	10/16/2011 10:06	0	0	0
125	10/16/2011 10:07	0	0	0
126	10/16/2011 10:08	0	0	0
127	10/16/2011 10:09	0	0	0
128	10/16/2011 10:10	0	0	0
129	10/16/2011 10:11	0	0	0
130	10/16/2011 10:12	0	0	0
131	10/16/2011 10:13	0	0	0
132	10/16/2011 10:14	0	0	0
133	10/16/2011 10:15	0	0	0
134	10/16/2011 10:16	0	0	0
135	10/16/2011 10:17	0	0	0
136	10/16/2011 10:18	0	0	0
137	10/16/2011 10:19	0	0	0
138	10/16/2011 10:20	0	0	0
139	10/16/2011 10:21	0	0	0
140	10/16/2011 10:22	0	0	0
141	10/16/2011 10:23	0	0	0
142	10/16/2011 10:24	0	0	0
143	10/16/2011 10:25	0	0	0
144	10/16/2011 10:26	0	0	0
145	10/16/2011 10:27	0	0	0
146	10/16/2011 10:28	0	0	0
147	10/16/2011 10:29	0	0	0
148	10/16/2011 10:30	0	0	0
149	10/16/2011 10:31	0	0	0
150	10/16/2011 10:32	0	0	0
151	10/16/2011 10:33	0	0	0
152	10/16/2011 10:34	0	0	0
153	10/16/2011 10:35	0	0	0
154	10/16/2011 10:36	0	0	0
155	10/16/2011 10:37	0	0	0

156	10/16/2011 10:38	0	0	0
157	10/16/2011 10:39	0	0	0
158	10/16/2011 10:40	0	0	0
159	10/16/2011 10:41	0	0	0
160	10/16/2011 10:42	0	0	0
161	10/16/2011 10:43	0	0	0
162	10/16/2011 10:44	0	0	0
163	10/16/2011 10:45	0	0	0
164	10/16/2011 10:46	0	0	0
165	10/16/2011 10:47	0	0	0
166	10/16/2011 10:48	0	0	0
167	10/16/2011 10:49	0	0	0
168	10/16/2011 10:50	0	0	0
169	10/16/2011 10:51	0	0	0
170	10/16/2011 10:52	0	0	0
171	10/16/2011 10:53	0	0	0
172	10/16/2011 10:54	0	0	0
173	10/16/2011 10:55	0	0	0
174	10/16/2011 10:56	0	0	0
175	10/16/2011 10:57	0	0	0
176	10/16/2011 10:58	0	0	0
177	10/16/2011 10:59	0	0	0
178	10/16/2011 11:00	0	0	0
179	10/16/2011 11:01	0	0	0
180	10/16/2011 11:02	0	0	0
181	10/16/2011 11:03	0	0	0
182	10/16/2011 11:04	0	0	0
183	10/16/2011 11:05	0	0	0
184	10/16/2011 11:06	0	0	0
185	10/16/2011 11:07	0	0	0
186	10/16/2011 11:08	0	0	0
187	10/16/2011 11:09	0	0	0
188	10/16/2011 11:10	0	0	0
189	10/16/2011 11:11	0	0	0
190	10/16/2011 11:12	0	0	0
191	10/16/2011 11:13	0	0	0
192	10/16/2011 11:14	0	0	0
193	10/16/2011 11:15	0	0	0
194	10/16/2011 11:16	0	0	0
195	10/16/2011 11:17	0	0	0
196	10/16/2011 11:18	0	0	0
197	10/16/2011 11:19	0	0	0
198	10/16/2011 11:20	0	0	0
199	10/16/2011 11:21	0	0	0
200	10/16/2011 11:22	0	0	0
201	10/16/2011 11:23	0	0	0
202	10/16/2011 11:24	0	0	0

203	10/16/2011 11:25	0	0	0
204	10/16/2011 11:26	0	0	0
205	10/16/2011 11:27	0	0	0
206	10/16/2011 11:28	0	0	0
207	10/16/2011 11:29	0	0	0
208	10/16/2011 11:30	0	0	0
209	10/16/2011 11:31	0	0	0
210	10/16/2011 11:32	0	0	0
211	10/16/2011 11:33	0	0	0
212	10/16/2011 11:34	0	0	0
213	10/16/2011 11:35	0	0	0
214	10/16/2011 11:36	0	0	0
215	10/16/2011 11:37	0	0	0
216	10/16/2011 11:38	0	0	0
217	10/16/2011 11:39	0	0	0
218	10/16/2011 11:40	0	0	0
219	10/16/2011 11:41	0	0	0
220	10/16/2011 11:42	0	0	0
221	10/16/2011 11:43	0	0	0
222	10/16/2011 11:44	0	0	0
223	10/16/2011 11:45	0	0	0
224	10/16/2011 11:46	0	0	0
225	10/16/2011 11:47	0	0	0
226	10/16/2011 11:48	0	0	0
227	10/16/2011 11:49	0	0	0
228	10/16/2011 11:50	0	0	0
229	10/16/2011 11:51	0	0	0
230	10/16/2011 11:52	0	0	0
231	10/16/2011 11:53	0	0	0
232	10/16/2011 11:54	0	0	0
233	10/16/2011 11:55	0	0	0
234	10/16/2011 11:56	0	0	0
235	10/16/2011 11:57	0	0	0
236	10/16/2011 11:58	0	0	0
237	10/16/2011 11:59	0	0	0
238	10/16/2011 12:00	0	0	0
239	10/16/2011 12:01	0	0	0
240	10/16/2011 12:02	0	0	0
241	10/16/2011 12:03	0	0	0
242	10/16/2011 12:04	0	0	0
243	10/16/2011 12:05	0	0	0
244	10/16/2011 12:06	0	0	0
245	10/16/2011 12:07	0	0	0
246	10/16/2011 12:08	0	0	0
247	10/16/2011 12:09	0	0	0
248	10/16/2011 12:10	0	0	0
249	10/16/2011 12:11	0	0	0

250	10/16/2011 12:12	0	0	0
251	10/16/2011 12:13	0	0	0
252	10/16/2011 12:14	0	0	0
253	10/16/2011 12:15	0	0	0
254	10/16/2011 12:16	0	0	0
255	10/16/2011 12:17	0	0	0
256	10/16/2011 12:18	0	0	0
257	10/16/2011 12:19	0	0	0
258	10/16/2011 12:20	0	0	0
259	10/16/2011 12:21	0	0	0
260	10/16/2011 12:22	0	0	0
261	10/16/2011 12:23	0	0	0
262	10/16/2011 12:24	0	0	0
263	10/16/2011 12:25	0	0	0
264	10/16/2011 12:26	0	0	0
265	10/16/2011 12:27	0	0	0
266	10/16/2011 12:28	0	0	0
267	10/16/2011 12:29	0	0	0
268	10/16/2011 12:30	0	0	0
269	10/16/2011 12:31	0	0	0
270	10/16/2011 12:32	0	0	0
271	10/16/2011 12:33	0	0	0
272	10/16/2011 12:34	0	0	0
273	10/16/2011 12:35	0	0	0
274	10/16/2011 12:36	0	0	0
275	10/16/2011 12:37	0	0	0
276	10/16/2011 12:38	0	0	0
277	10/16/2011 12:39	0	0	0
278	10/16/2011 12:40	0	0	0
279	10/16/2011 12:41	0	0	0
280	10/16/2011 12:42	0	0	0
281	10/16/2011 12:43	0	0	0
282	10/16/2011 12:44	0	0	0
283	10/16/2011 12:45	0	0	0
284	10/16/2011 12:46	0	0	0
285	10/16/2011 12:47	0	0	0
286	10/16/2011 12:48	0	0	0
287	10/16/2011 12:49	0	0	0
288	10/16/2011 12:50	0	0	0
289	10/16/2011 12:51	0	0	0
290	10/16/2011 12:52	0	0	0
291	10/16/2011 12:53	0	0	0
292	10/16/2011 12:54	0	0	0
293	10/16/2011 12:55	0	0	0
294	10/16/2011 12:56	0	0	0
295	10/16/2011 12:57	0	0	0
296	10/16/2011 12:58	0	0	0

297	10/16/2011 12:59	0	0	0
298	10/16/2011 13:00	0	0	0
299	10/16/2011 13:01	0	0	0
300	10/16/2011 13:02	0	0	0
301	10/16/2011 13:03	0	0	0
302	10/16/2011 13:04	0	0	0
303	10/16/2011 13:05	0	0	0
304	10/16/2011 13:06	0	0	0
305	10/16/2011 13:07	0	0	0
306	10/16/2011 13:08	0	0	0
307	10/16/2011 13:09	0	0	0
308	10/16/2011 13:10	0	0	0
309	10/16/2011 13:11	0	0	0
310	10/16/2011 13:12	0	0	0
311	10/16/2011 13:13	0	0	0
312	10/16/2011 13:14	0	0	0
313	10/16/2011 13:15	0	0	0
314	10/16/2011 13:16	0	0	0
315	10/16/2011 13:17	0	0	0
316	10/16/2011 13:18	0	0	0
317	10/16/2011 13:19	0	0	0
318	10/16/2011 13:20	0	0	0
319	10/16/2011 13:21	0	0	0
320	10/16/2011 13:22	0	0	0
321	10/16/2011 13:23	0	0	0
322	10/16/2011 13:24	0	0	0
323	10/16/2011 13:25	0	0	0
324	10/16/2011 13:26	0	0	0
325	10/16/2011 13:27	0	0	0
326	10/16/2011 13:28	0	0	0
327	10/16/2011 13:29	0	0	0
328	10/16/2011 13:30	0	0	0
329	10/16/2011 13:31	0	0	0
330	10/16/2011 13:32	0	0	0
331	10/16/2011 13:33	0	0	0
332	10/16/2011 13:34	0	0	0
333	10/16/2011 13:35	0	0	0
334	10/16/2011 13:36	0	0	0
335	10/16/2011 13:37	0	0	0
336	10/16/2011 13:38	0	0	0
337	10/16/2011 13:39	0	0	0
338	10/16/2011 13:40	0	0	0
339	10/16/2011 13:41	0	0	0
340	10/16/2011 13:42	0	0	0
341	10/16/2011 13:43	0	0	0
342	10/16/2011 13:44	0	0	0
343	10/16/2011 13:45	0	0	0

344	10/16/2011 13:46	0	0	0
345	10/16/2011 13:47	0	0	0
346	10/16/2011 13:48	0	0	0
347	10/16/2011 13:49	0	0	0
348	10/16/2011 13:50	0	0	0
349	10/16/2011 13:51	0	0	0
350	10/16/2011 13:52	0	0	0
351	10/16/2011 13:53	0	0	0
352	10/16/2011 13:54	0	0	0
353	10/16/2011 13:55	0	0	0
354	10/16/2011 13:56	0	0	0
355	10/16/2011 13:57	0	0	0
356	10/16/2011 13:58	0	0	0
357	10/16/2011 13:59	0	0	0
358	10/16/2011 14:00	0	0	0
359	10/16/2011 14:01	0	0	0
360	10/16/2011 14:02	0	0	0
361	10/16/2011 14:03	0	0	0
362	10/16/2011 14:04	0	0	0
363	10/16/2011 14:05	0	0	0
364	10/16/2011 14:06	0	0	0
365	10/16/2011 14:07	0	0	0
366	10/16/2011 14:08	0	0	0
367	10/16/2011 14:09	0	0	0
368	10/16/2011 14:10	0	0	0
369	10/16/2011 14:11	0	0	0
370	10/16/2011 14:12	0	0	0
371	10/16/2011 14:13	0	0	0
372	10/16/2011 14:14	0	0	0
373	10/16/2011 14:15	0	0	0
374	10/16/2011 14:16	0	0	0
375	10/16/2011 14:17	0	0	0
376	10/16/2011 14:18	0	0	0
377	10/16/2011 14:19	0	0	0
378	10/16/2011 14:20	0	0	0
379	10/16/2011 14:21	0	0	0
380	10/16/2011 14:22	0	0	0
381	10/16/2011 14:23	0	0	0
382	10/16/2011 14:24	0	0	0
383	10/16/2011 14:25	0	0	0
384	10/16/2011 14:26	0	0	0
385	10/16/2011 14:27	0	0	0
386	10/16/2011 14:28	0	0	0
387	10/16/2011 14:29	0	0	0
388	10/16/2011 14:30	0	0	0
389	10/16/2011 14:31	0	0	0
390	10/16/2011 14:32	0	0	0

391	10/16/2011 14:33	0	0	0
392	10/16/2011 14:34	0	0	0
393	10/16/2011 14:35	0	0	0
394	10/16/2011 14:36	0	0	0
395	10/16/2011 14:37	0	0	0
396	10/16/2011 14:38	0	0	0
397	10/16/2011 14:39	0	0	0
398	10/16/2011 14:40	0	0	0
399	10/16/2011 14:41	0	0	0
400	10/16/2011 14:42	0	0	0
401	10/16/2011 14:43	0	0	0
402	10/16/2011 14:44	0	0	0
403	10/16/2011 14:45	0	0	0
404	10/16/2011 14:46	0	0	0
405	10/16/2011 14:47	0	0	0
406	10/16/2011 14:48	0	0	0
407	10/16/2011 14:49	0	0	0
408	10/16/2011 14:50	0	0	0
409	10/16/2011 14:51	0	0	0
410	10/16/2011 14:52	0	0	0
411	10/16/2011 14:53	0	0	0
412	10/16/2011 14:54	0	0	0
413	10/16/2011 14:55	0	0	0
414	10/16/2011 14:56	0	0	0
415	10/16/2011 14:57	0	0	0
416	10/16/2011 14:58	0	0	0
417	10/16/2011 14:59	0	0	0
418	10/16/2011 15:00	0	0	0
419	10/16/2011 15:01	0	0	0
420	10/16/2011 15:02	0	0	0
421	10/16/2011 15:03	0	0	0
422	10/16/2011 15:04	0	0	0
423	10/16/2011 15:05	0	0	0
424	10/16/2011 15:06	0	0	0
425	10/16/2011 15:07	0	0	0
426	10/16/2011 15:08	0	0	0
427	10/16/2011 15:09	0	0	0
428	10/16/2011 15:10	0	0	0
429	10/16/2011 15:11	0	0	0
430	10/16/2011 15:12	0	0	0
431	10/16/2011 15:13	0	0	0
432	10/16/2011 15:14	0	0	0
433	10/16/2011 15:15	0	0	0
434	10/16/2011 15:16	0	0	0
435	10/16/2011 15:17	0	0	0
436	10/16/2011 15:18	0	0	0
437	10/16/2011 15:19	0	0	0

438	10/16/2011 15:20	0	0	0
439	10/16/2011 15:21	0	0	0
440	10/16/2011 15:22	0	0	0
441	10/16/2011 15:23	0	0	0
442	10/16/2011 15:24	0	0	0
443	10/16/2011 15:25	0	0	0
444	10/16/2011 15:26	0	0	0
445	10/16/2011 15:27	0	0	0
446	10/16/2011 15:28	0	0	0
447	10/16/2011 15:29	0	0	0
448	10/16/2011 15:30	0	0	0
449	10/16/2011 15:31	0	0	0
450	10/16/2011 15:32	0	0	0
451	10/16/2011 15:33	0	0	0
452	10/16/2011 15:34	0	0	0
453	10/16/2011 15:35	0	0	0
454	10/16/2011 15:36	0	0	0
455	10/16/2011 15:37	0	0	0
456	10/16/2011 15:38	0	0	0
457	10/16/2011 15:39	0	0	0
458	10/16/2011 15:40	0	0	0
459	10/16/2011 15:41	0	0	0
460	10/16/2011 15:42	0	0	0
461	10/16/2011 15:43	0	0	0
462	10/16/2011 15:44	0	0	0
463	10/16/2011 15:45	0	0	0
464	10/16/2011 15:46	0	0	0
465	10/16/2011 15:47	0	0	0
466	10/16/2011 15:48	0	0	0
467	10/16/2011 15:49	0	0	0
468	10/16/2011 15:50	0	0	0
469	10/16/2011 15:51	0	0	0
470	10/16/2011 15:52	0	0	0
471	10/16/2011 15:53	0	0	0
472	10/16/2011 15:54	0	0	0
473	10/16/2011 15:55	0	0	0
474	10/16/2011 15:56	0	0	0
475	10/16/2011 15:57	0	0	0
476	10/16/2011 15:58	0	0	0
477	10/16/2011 15:59	0	0	0

=====Event #42 information (end)=====

up

=====Event #30 information (begin)=====

[Event #30 name:]--[Event #30]2011-10-16 07:34<-->2011-10-16 08:00

[Event start time:]--2011-10-16 07:34:21[Event end time:]--2011-10-16 08:00:21

=====Event #30 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905367

Data Points: 26 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====Sensor Information : PID(ppb)=====

Measurement Gas : Isobutene

Calibration Time : 2011-10-16 07:34:00

Drift Value : ---

Low Alarm Levels : 25847

High Alarm Levels : 51694

Span Value : 100000

Correction Factor : 1.00

Over Alarm Levels : 15000000

=====Event #30 data informations=====

LINE#	Date/Time	PID(ppm)	PID(ppb)
1	10/16/2011 7:35	8.555	8555
2	10/16/2011 7:36	0	0
3	10/16/2011 7:37	0	0
4	10/16/2011 7:38	0	0
5	10/16/2011 7:39	0	0
6	10/16/2011 7:40	0	0
7	10/16/2011 7:41	0	0
8	10/16/2011 7:42	0	0
9	10/16/2011 7:43	0	0
10	10/16/2011 7:44	0	0
11	10/16/2011 7:45	0	0
12	10/16/2011 7:46	0	0
13	10/16/2011 7:47	0	0
14	10/16/2011 7:48	0	0
15	10/16/2011 7:49	0	0
16	10/16/2011 7:50	0	0
17	10/16/2011 7:51	0	0
18	10/16/2011 7:52	0	0
19	10/16/2011 7:53	0	0
20	10/16/2011 7:54	0	0
21	10/16/2011 7:55	0	0
22	10/16/2011 7:56	0	0
23	10/16/2011 7:57	0	0
24	10/16/2011 7:58	0	0
25	10/16/2011 7:59	0	0
26	10/16/2011 8:00	0	0

=====Event #30 information (end)=====

=====Event #33 information (begin)=====

[Event #33 name:]--[Event #33]2011-10-16 08:07<-->2011-10-16 16:11
[Event start time:]--2011-10-16 08:07:38[Event end time:]--2011-10-16 16:11:38

=====Event #33 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905367
Data Points: 484 Sample Period: 60 s Datalog Mode: Automatic
SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

Sensor Information : PID(ppb)

Measurement Gas : Isobutene

Calibration Time : 2011-10-16 08:07:00

Drift Value : ---

Low Alarm Levels : 25847

High Alarm Levels : 51694

Span Value : 100000

Correction Factor : 1.00

Over Alarm Levels : 15000000

=====Event #33 data informations=====

LINE#	Date/Time	PID(ppm)	PID(ppb)
1	10/16/2011 8:08	0.004	4
2	10/16/2011 8:09	0	0
3	10/16/2011 8:10	0	0
4	10/16/2011 8:11	0	0
5	10/16/2011 8:12	0	0
6	10/16/2011 8:13	0	0
7	10/16/2011 8:14	0	0
8	10/16/2011 8:15	0	0
9	10/16/2011 8:16	0	0
10	10/16/2011 8:17	0	0
11	10/16/2011 8:18	0	0
12	10/16/2011 8:19	0	0
13	10/16/2011 8:20	0	0
14	10/16/2011 8:21	0	0
15	10/16/2011 8:22	0	0
16	10/16/2011 8:23	0	0
17	10/16/2011 8:24	0	0
18	10/16/2011 8:25	0	0
19	10/16/2011 8:26	0	0
20	10/16/2011 8:27	0	0
21	10/16/2011 8:28	0	0
22	10/16/2011 8:29	0	0
23	10/16/2011 8:30	0	0

24	10/16/2011 8:31	0	0
25	10/16/2011 8:32	0	0
26	10/16/2011 8:33	0	0
27	10/16/2011 8:34	0	0
28	10/16/2011 8:35	0	0
29	10/16/2011 8:36	0	0
30	10/16/2011 8:37	0	0
31	10/16/2011 8:38	0	0
32	10/16/2011 8:39	0	0
33	10/16/2011 8:40	0	0
34	10/16/2011 8:41	0	0
35	10/16/2011 8:42	0	0
36	10/16/2011 8:43	0	0
37	10/16/2011 8:44	0	0
38	10/16/2011 8:45	0	0
39	10/16/2011 8:46	0	0
40	10/16/2011 8:47	0	0
41	10/16/2011 8:48	0	0
42	10/16/2011 8:49	0	0
43	10/16/2011 8:50	0	0
44	10/16/2011 8:51	0	0
45	10/16/2011 8:52	0	0
46	10/16/2011 8:53	0	0
47	10/16/2011 8:54	0	0
48	10/16/2011 8:55	0	0
49	10/16/2011 8:56	0	0
50	10/16/2011 8:57	0	0
51	10/16/2011 8:58	0	0
52	10/16/2011 8:59	0	0
53	10/16/2011 9:00	0	0
54	10/16/2011 9:01	0	0
55	10/16/2011 9:02	0	0
56	10/16/2011 9:03	0	0
57	10/16/2011 9:04	0	0
58	10/16/2011 9:05	0	0
59	10/16/2011 9:06	0	0
60	10/16/2011 9:07	0	0
61	10/16/2011 9:08	0	0
62	10/16/2011 9:09	0	0
63	10/16/2011 9:10	0	0
64	10/16/2011 9:11	0	0
65	10/16/2011 9:12	0	0
66	10/16/2011 9:13	0	0
67	10/16/2011 9:14	0	0
68	10/16/2011 9:15	0	0
69	10/16/2011 9:16	0	0
70	10/16/2011 9:17	0	0

71	10/16/2011 9:18	0	0
72	10/16/2011 9:19	0	0
73	10/16/2011 9:20	0	0
74	10/16/2011 9:21	0	0
75	10/16/2011 9:22	0	0
76	10/16/2011 9:23	0	0
77	10/16/2011 9:24	0	0
78	10/16/2011 9:25	0	0
79	10/16/2011 9:26	0	0
80	10/16/2011 9:27	0	0
81	10/16/2011 9:28	0	0
82	10/16/2011 9:29	0	0
83	10/16/2011 9:30	0	0
84	10/16/2011 9:31	0	0
85	10/16/2011 9:32	0	0
86	10/16/2011 9:33	0	0
87	10/16/2011 9:34	0	0
88	10/16/2011 9:35	0	0
89	10/16/2011 9:36	0	0
90	10/16/2011 9:37	0	0
91	10/16/2011 9:38	0	0
92	10/16/2011 9:39	0	0
93	10/16/2011 9:40	0	0
94	10/16/2011 9:41	0	0
95	10/16/2011 9:42	0	0
96	10/16/2011 9:43	0	0
97	10/16/2011 9:44	0	0
98	10/16/2011 9:45	0	0
99	10/16/2011 9:46	0	0
100	10/16/2011 9:47	0	0
101	10/16/2011 9:48	0	0
102	10/16/2011 9:49	0	0
103	10/16/2011 9:50	0	0
104	10/16/2011 9:51	0	0
105	10/16/2011 9:52	0	0
106	10/16/2011 9:53	0	0
107	10/16/2011 9:54	0	0
108	10/16/2011 9:55	0	0
109	10/16/2011 9:56	0	0
110	10/16/2011 9:57	0	0
111	10/16/2011 9:58	0	0
112	10/16/2011 9:59	0	0
113	10/16/2011 10:00	0	0
114	10/16/2011 10:01	0	0
115	10/16/2011 10:02	0	0
116	10/16/2011 10:03	0	0
117	10/16/2011 10:04	0	0

118	10/16/2011 10:05	0	0
119	10/16/2011 10:06	0	0
120	10/16/2011 10:07	0	0
121	10/16/2011 10:08	0	0
122	10/16/2011 10:09	0	0
123	10/16/2011 10:10	0	0
124	10/16/2011 10:11	0	0
125	10/16/2011 10:12	0	0
126	10/16/2011 10:13	0	0
127	10/16/2011 10:14	0	0
128	10/16/2011 10:15	0	0
129	10/16/2011 10:16	0	0
130	10/16/2011 10:17	0	0
131	10/16/2011 10:18	0	0
132	10/16/2011 10:19	0	0
133	10/16/2011 10:20	0	0
134	10/16/2011 10:21	0	0
135	10/16/2011 10:22	0	0
136	10/16/2011 10:23	0	0
137	10/16/2011 10:24	0	0
138	10/16/2011 10:25	0	0
139	10/16/2011 10:26	0	0
140	10/16/2011 10:27	0	0
141	10/16/2011 10:28	0	0
142	10/16/2011 10:29	0	0
143	10/16/2011 10:30	0	0
144	10/16/2011 10:31	0	0
145	10/16/2011 10:32	0	0
146	10/16/2011 10:33	0	0
147	10/16/2011 10:34	0	0
148	10/16/2011 10:35	0	0
149	10/16/2011 10:36	0	0
150	10/16/2011 10:37	0	0
151	10/16/2011 10:38	0	0
152	10/16/2011 10:39	0	0
153	10/16/2011 10:40	0	0
154	10/16/2011 10:41	0	0
155	10/16/2011 10:42	0	0
156	10/16/2011 10:43	0	0
157	10/16/2011 10:44	0	0
158	10/16/2011 10:45	0	0
159	10/16/2011 10:46	0	0
160	10/16/2011 10:47	0	0
161	10/16/2011 10:48	0	0
162	10/16/2011 10:49	0	0
163	10/16/2011 10:50	0	0
164	10/16/2011 10:51	0	0

165	10/16/2011 10:52	0	0
166	10/16/2011 10:53	0	0
167	10/16/2011 10:54	0	0
168	10/16/2011 10:55	0	0
169	10/16/2011 10:56	0	0
170	10/16/2011 10:57	0	0
171	10/16/2011 10:58	0	0
172	10/16/2011 10:59	0	0
173	10/16/2011 11:00	0	0
174	10/16/2011 11:01	0	0
175	10/16/2011 11:02	0	0
176	10/16/2011 11:03	0	0
177	10/16/2011 11:04	0	0
178	10/16/2011 11:05	0	0
179	10/16/2011 11:06	0	0
180	10/16/2011 11:07	0	0
181	10/16/2011 11:08	0	0
182	10/16/2011 11:09	0	0
183	10/16/2011 11:10	0	0
184	10/16/2011 11:11	0	0
185	10/16/2011 11:12	0	0
186	10/16/2011 11:13	0	0
187	10/16/2011 11:14	0	0
188	10/16/2011 11:15	0	0
189	10/16/2011 11:16	0	0
190	10/16/2011 11:17	0	0
191	10/16/2011 11:18	0	0
192	10/16/2011 11:19	0	0
193	10/16/2011 11:20	0	0
194	10/16/2011 11:21	0	0
195	10/16/2011 11:22	0	0
196	10/16/2011 11:23	0	0
197	10/16/2011 11:24	0	0
198	10/16/2011 11:25	0	0
199	10/16/2011 11:26	0	0
200	10/16/2011 11:27	0	0
201	10/16/2011 11:28	0	0
202	10/16/2011 11:29	0	0
203	10/16/2011 11:30	0	0
204	10/16/2011 11:31	0	0
205	10/16/2011 11:32	0	0
206	10/16/2011 11:33	0	0
207	10/16/2011 11:34	0	0
208	10/16/2011 11:35	0	0
209	10/16/2011 11:36	0	0
210	10/16/2011 11:37	0	0
211	10/16/2011 11:38	0	0

212	10/16/2011 11:39	0	0
213	10/16/2011 11:40	0	0
214	10/16/2011 11:41	0	0
215	10/16/2011 11:42	0	0
216	10/16/2011 11:43	0	0
217	10/16/2011 11:44	0	0
218	10/16/2011 11:45	0	0
219	10/16/2011 11:46	0	0
220	10/16/2011 11:47	0	0
221	10/16/2011 11:48	0	0
222	10/16/2011 11:49	0	0
223	10/16/2011 11:50	0	0
224	10/16/2011 11:51	0	0
225	10/16/2011 11:52	0	0
226	10/16/2011 11:53	0	0
227	10/16/2011 11:54	0	0
228	10/16/2011 11:55	0	0
229	10/16/2011 11:56	0	0
230	10/16/2011 11:57	0	0
231	10/16/2011 11:58	0	0
232	10/16/2011 11:59	0	0
233	10/16/2011 12:00	0	0
234	10/16/2011 12:01	0	0
235	10/16/2011 12:02	0	0
236	10/16/2011 12:03	0	0
237	10/16/2011 12:04	0	0
238	10/16/2011 12:05	0	0
239	10/16/2011 12:06	0	0
240	10/16/2011 12:07	0	0
241	10/16/2011 12:08	0	0
242	10/16/2011 12:09	0	0
243	10/16/2011 12:10	0	0
244	10/16/2011 12:11	0	0
245	10/16/2011 12:12	0	0
246	10/16/2011 12:13	0	0
247	10/16/2011 12:14	0	0
248	10/16/2011 12:15	0	0
249	10/16/2011 12:16	0	0
250	10/16/2011 12:17	0	0
251	10/16/2011 12:18	0	0
252	10/16/2011 12:19	0	0
253	10/16/2011 12:20	0	0
254	10/16/2011 12:21	0	0
255	10/16/2011 12:22	0	0
256	10/16/2011 12:23	0	0
257	10/16/2011 12:24	0	0
258	10/16/2011 12:25	0	0

259	10/16/2011 12:26	0	0
260	10/16/2011 12:27	0	0
261	10/16/2011 12:28	0	0
262	10/16/2011 12:29	0	0
263	10/16/2011 12:30	0	0
264	10/16/2011 12:31	0	0
265	10/16/2011 12:32	0	0
266	10/16/2011 12:33	0	0
267	10/16/2011 12:34	0	0
268	10/16/2011 12:35	0	0
269	10/16/2011 12:36	0	0
270	10/16/2011 12:37	0	0
271	10/16/2011 12:38	0	0
272	10/16/2011 12:39	0	0
273	10/16/2011 12:40	0	0
274	10/16/2011 12:41	0	0
275	10/16/2011 12:42	0	0
276	10/16/2011 12:43	0	0
277	10/16/2011 12:44	0	0
278	10/16/2011 12:45	0	0
279	10/16/2011 12:46	0	0
280	10/16/2011 12:47	0	0
281	10/16/2011 12:48	0	0
282	10/16/2011 12:49	0	0
283	10/16/2011 12:50	0	0
284	10/16/2011 12:51	0	0
285	10/16/2011 12:52	0	0
286	10/16/2011 12:53	0	0
287	10/16/2011 12:54	0	0
288	10/16/2011 12:55	0	0
289	10/16/2011 12:56	0	0
290	10/16/2011 12:57	0	0
291	10/16/2011 12:58	0	0
292	10/16/2011 12:59	0	0
293	10/16/2011 13:00	0	0
294	10/16/2011 13:01	0	0
295	10/16/2011 13:02	0	0
296	10/16/2011 13:03	0	0
297	10/16/2011 13:04	0	0
298	10/16/2011 13:05	0	0
299	10/16/2011 13:06	0	0
300	10/16/2011 13:07	0	0
301	10/16/2011 13:08	0	0
302	10/16/2011 13:09	0	0
303	10/16/2011 13:10	0	0
304	10/16/2011 13:11	0	0
305	10/16/2011 13:12	0	0

306	10/16/2011 13:13	0	0
307	10/16/2011 13:14	0	0
308	10/16/2011 13:15	0	0
309	10/16/2011 13:16	0	0
310	10/16/2011 13:17	0	0
311	10/16/2011 13:18	0	0
312	10/16/2011 13:19	0	0
313	10/16/2011 13:20	0	0
314	10/16/2011 13:21	0	0
315	10/16/2011 13:22	0	0
316	10/16/2011 13:23	0	0
317	10/16/2011 13:24	0	0
318	10/16/2011 13:25	0	0
319	10/16/2011 13:26	0	0
320	10/16/2011 13:27	0	0
321	10/16/2011 13:28	0	0
322	10/16/2011 13:29	0	0
323	10/16/2011 13:30	0	0
324	10/16/2011 13:31	0	0
325	10/16/2011 13:32	0	0
326	10/16/2011 13:33	0	0
327	10/16/2011 13:34	0	0
328	10/16/2011 13:35	0	0
329	10/16/2011 13:36	0	0
330	10/16/2011 13:37	0	0
331	10/16/2011 13:38	0	0
332	10/16/2011 13:39	0	0
333	10/16/2011 13:40	0	0
334	10/16/2011 13:41	0	0
335	10/16/2011 13:42	0	0
336	10/16/2011 13:43	0	0
337	10/16/2011 13:44	0	0
338	10/16/2011 13:45	0	0
339	10/16/2011 13:46	0	0
340	10/16/2011 13:47	0	0
341	10/16/2011 13:48	0	0
342	10/16/2011 13:49	0	0
343	10/16/2011 13:50	0	0
344	10/16/2011 13:51	0	0
345	10/16/2011 13:52	0	0
346	10/16/2011 13:53	0	0
347	10/16/2011 13:54	0	0
348	10/16/2011 13:55	0	0
349	10/16/2011 13:56	0	0
350	10/16/2011 13:57	0	0
351	10/16/2011 13:58	0	0
352	10/16/2011 13:59	0	0

353	10/16/2011 14:00	0	0
354	10/16/2011 14:01	0	0
355	10/16/2011 14:02	0	0
356	10/16/2011 14:03	0	0
357	10/16/2011 14:04	0	0
358	10/16/2011 14:05	0	0
359	10/16/2011 14:06	0	0
360	10/16/2011 14:07	0	0
361	10/16/2011 14:08	0	0
362	10/16/2011 14:09	0	0
363	10/16/2011 14:10	0	0
364	10/16/2011 14:11	0	0
365	10/16/2011 14:12	0	0
366	10/16/2011 14:13	0	0
367	10/16/2011 14:14	0	0
368	10/16/2011 14:15	0	0
369	10/16/2011 14:16	0	0
370	10/16/2011 14:17	0	0
371	10/16/2011 14:18	0	0
372	10/16/2011 14:19	0	0
373	10/16/2011 14:20	0	0
374	10/16/2011 14:21	0	0
375	10/16/2011 14:22	0	0
376	10/16/2011 14:23	0	0
377	10/16/2011 14:24	0	0
378	10/16/2011 14:25	0	0
379	10/16/2011 14:26	0	0
380	10/16/2011 14:27	0	0
381	10/16/2011 14:28	0	0
382	10/16/2011 14:29	0	0
383	10/16/2011 14:30	0	0
384	10/16/2011 14:31	0	0
385	10/16/2011 14:32	0	0
386	10/16/2011 14:33	0	0
387	10/16/2011 14:34	0	0
388	10/16/2011 14:35	0	0
389	10/16/2011 14:36	0	0
390	10/16/2011 14:37	0	0
391	10/16/2011 14:38	0	0
392	10/16/2011 14:39	0	0
393	10/16/2011 14:40	0	0
394	10/16/2011 14:41	0	0
395	10/16/2011 14:42	0	0
396	10/16/2011 14:43	0	0
397	10/16/2011 14:44	0	0
398	10/16/2011 14:45	0	0
399	10/16/2011 14:46	0	0

400	10/16/2011 14:47	0	0
401	10/16/2011 14:48	0	0
402	10/16/2011 14:49	0	0
403	10/16/2011 14:50	0	0
404	10/16/2011 14:51	0	0
405	10/16/2011 14:52	0	0
406	10/16/2011 14:53	0	0
407	10/16/2011 14:54	0	0
408	10/16/2011 14:55	0	0
409	10/16/2011 14:56	0	0
410	10/16/2011 14:57	0	0
411	10/16/2011 14:58	0	0
412	10/16/2011 14:59	0	0
413	10/16/2011 15:00	0	0
414	10/16/2011 15:01	0	0
415	10/16/2011 15:02	0	0
416	10/16/2011 15:03	0	0
417	10/16/2011 15:04	0	0
418	10/16/2011 15:05	0	0
419	10/16/2011 15:06	0	0
420	10/16/2011 15:07	0	0
421	10/16/2011 15:08	0	0
422	10/16/2011 15:09	0	0
423	10/16/2011 15:10	0	0
424	10/16/2011 15:11	0	0
425	10/16/2011 15:12	0	0
426	10/16/2011 15:13	0	0
427	10/16/2011 15:14	0	0
428	10/16/2011 15:15	0	0
429	10/16/2011 15:16	0	0
430	10/16/2011 15:17	0	0
431	10/16/2011 15:18	0	0
432	10/16/2011 15:19	0	0
433	10/16/2011 15:20	0	0
434	10/16/2011 15:21	0	0
435	10/16/2011 15:22	0	0
436	10/16/2011 15:23	0	0
437	10/16/2011 15:24	0	0
438	10/16/2011 15:25	0	0
439	10/16/2011 15:26	0	0
440	10/16/2011 15:27	0	0
441	10/16/2011 15:28	0	0
442	10/16/2011 15:29	0	0
443	10/16/2011 15:30	0	0
444	10/16/2011 15:31	0	0
445	10/16/2011 15:32	0	0
446	10/16/2011 15:33	0	0

447	10/16/2011 15:34	0	0
448	10/16/2011 15:35	0	0
449	10/16/2011 15:36	0	0
450	10/16/2011 15:37	0	0
451	10/16/2011 15:38	0	0
452	10/16/2011 15:39	0	0
453	10/16/2011 15:40	0	0
454	10/16/2011 15:41	0	0
455	10/16/2011 15:42	0	0
456	10/16/2011 15:43	0	0
457	10/16/2011 15:44	0	0
458	10/16/2011 15:45	0	0
459	10/16/2011 15:46	0	0
460	10/16/2011 15:47	0	0
461	10/16/2011 15:48	0	0
462	10/16/2011 15:49	0	0
463	10/16/2011 15:50	0	0
464	10/16/2011 15:51	0	0
465	10/16/2011 15:52	0	0
466	10/16/2011 15:53	0	0
467	10/16/2011 15:54	0	0
468	10/16/2011 15:55	0	0
469	10/16/2011 15:56	0	0
470	10/16/2011 15:57	0	0
471	10/16/2011 15:58	0	0
472	10/16/2011 15:59	0	0
473	10/16/2011 16:00	0	0
474	10/16/2011 16:01	0	0
475	10/16/2011 16:02	0	0
476	10/16/2011 16:03	0	0
477	10/16/2011 16:04	0	0
478	10/16/2011 16:05	0	0
479	10/16/2011 16:06	0	0
480	10/16/2011 16:07	0	0
481	10/16/2011 16:08	0	0
482	10/16/2011 16:09	0	0
483	10/16/2011 16:10	0	0
484	10/16/2011 16:11	0	0

=====Event #33 information (end)=====

Instrument Name DustTrak DRX
 Model Number 8533
 Serial Number 8533101806
 Firmware Version 2.8
 Calibration Date 5/19/2011
 Test Name MANUAL_009
 Test Start Time 8:04:41 AM
 Test Start Date 10/16/2011
 Test Length [D:H:M] 0:07:42
 Test Interval [M:S] 1:00
 PM1 Average [mg/m³] 0.009
 PM1 Minimum [mg/m³] 0.004
 PM1 Maximum [mg/m³] 0.133
 PM1 TWA [mg/m³] 0.009
 PM2.5 Average [mg/m³] 0.01
 PM2.5 Minimum [mg/m³] 0.004
 PM2.5 Maximum [mg/m³] 0.148
 PM2.5 TWA [mg/m³] 0.009
 PM4 Average [mg/m³] 0.011
 PM4 Minimum [mg/m³] 0.005
 PM4 Maximum [mg/m³] 0.192
 PM4 TWA [mg/m³] 0.01
 PM10 Average [mg/m³] 0.015
 PM10 Minimum [mg/m³] 0.006
 PM10 Maximum [mg/m³] 0.347
 PM10 TWA [mg/m³] 0.015
 TOTAL Average [mg/m³] 0.017
 TOTAL Minimum [mg/m³] 0.006
 TOTAL Maximum [mg/m³] 0.381
 TOTAL TWA [mg/m³] 0.016
 Photometric User Cal 1
 Size Correction User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 462

Elapsed Time [s]	PM1	PM2.5	PM4	PM10	TOTAL	Alarms	Errors
	[mg/m ³]						
60	0.012	0.012	0.013	0.02	0.023		
120	0.007	0.007	0.007	0.009	0.009		
180	0.006	0.007	0.007	0.008	0.008		
240	0.007	0.007	0.007	0.008	0.009		
300	0.012	0.012	0.013	0.015	0.016		
360	0.007	0.008	0.008	0.01	0.011		
420	0.015	0.015	0.017	0.02	0.02		
480	0.008	0.009	0.009	0.011	0.011		
540	0.008	0.008	0.009	0.011	0.012		

600	0.007	0.008	0.009	0.01	0.01
660	0.007	0.007	0.007	0.009	0.009
720	0.007	0.007	0.007	0.009	0.009
780	0.007	0.008	0.008	0.01	0.01
840	0.007	0.007	0.007	0.009	0.009
900	0.007	0.007	0.007	0.009	0.009
960	0.007	0.007	0.007	0.009	0.009
1020	0.007	0.007	0.007	0.008	0.009
1080	0.006	0.007	0.007	0.008	0.008
1140	0.007	0.007	0.008	0.009	0.009
1200	0.007	0.007	0.007	0.008	0.009
1260	0.011	0.011	0.012	0.019	0.023
1320	0.007	0.007	0.007	0.009	0.009
1380	0.007	0.007	0.008	0.009	0.009
1440	0.007	0.007	0.008	0.009	0.01
1500	0.007	0.007	0.007	0.009	0.009
1560	0.007	0.007	0.007	0.009	0.01
1620	0.011	0.011	0.011	0.013	0.014
1680	0.007	0.007	0.007	0.008	0.009
1740	0.007	0.008	0.008	0.01	0.011
1800	0.006	0.007	0.007	0.009	0.009
1860	0.006	0.007	0.007	0.008	0.009
1920	0.006	0.006	0.007	0.008	0.009
1980	0.007	0.007	0.008	0.009	0.009
2040	0.007	0.007	0.007	0.009	0.01
2100	0.007	0.007	0.008	0.009	0.01
2160	0.01	0.01	0.011	0.013	0.014
2220	0.007	0.007	0.008	0.009	0.01
2280	0.007	0.007	0.008	0.01	0.01
2340	0.007	0.008	0.008	0.009	0.01
2400	0.007	0.007	0.007	0.009	0.009
2460	0.007	0.008	0.008	0.01	0.01
2520	0.006	0.006	0.007	0.008	0.009
2580	0.007	0.007	0.007	0.009	0.009
2640	0.006	0.006	0.007	0.008	0.008
2700	0.006	0.006	0.007	0.008	0.009
2760	0.006	0.006	0.007	0.008	0.009
2820	0.006	0.006	0.007	0.008	0.008
2880	0.006	0.006	0.007	0.008	0.009
2940	0.006	0.007	0.007	0.009	0.009
3000	0.006	0.006	0.007	0.007	0.008
3060	0.007	0.007	0.008	0.009	0.009
3120	0.007	0.007	0.007	0.01	0.01
3180	0.007	0.007	0.007	0.009	0.01
3240	0.017	0.017	0.018	0.021	0.024
3300	0.006	0.006	0.007	0.009	0.009
3360	0.006	0.006	0.007	0.008	0.009

3420	0.006	0.006	0.007	0.008	0.009
3480	0.006	0.006	0.006	0.007	0.008
3540	0.007	0.007	0.008	0.009	0.01
3600	0.007	0.007	0.007	0.009	0.009
3660	0.006	0.007	0.007	0.008	0.009
3720	0.007	0.007	0.008	0.009	0.009
3780	0.007	0.007	0.007	0.009	0.009
3840	0.007	0.007	0.007	0.009	0.01
3900	0.007	0.007	0.007	0.008	0.008
3960	0.008	0.008	0.008	0.01	0.01
4020	0.008	0.008	0.008	0.009	0.01
4080	0.008	0.009	0.009	0.012	0.013
4140	0.007	0.007	0.008	0.01	0.01
4200	0.007	0.007	0.007	0.009	0.01
4260	0.007	0.007	0.008	0.009	0.011
4320	0.007	0.007	0.008	0.009	0.009
4380	0.007	0.007	0.008	0.01	0.011
4440	0.006	0.006	0.007	0.008	0.009
4500	0.006	0.007	0.007	0.008	0.008
4560	0.006	0.007	0.007	0.008	0.009
4620	0.007	0.007	0.007	0.008	0.009
4680	0.007	0.007	0.007	0.009	0.01
4740	0.007	0.007	0.007	0.009	0.01
4800	0.007	0.007	0.007	0.009	0.01
4860	0.01	0.01	0.011	0.012	0.013
4920	0.007	0.007	0.007	0.009	0.009
4980	0.007	0.007	0.007	0.01	0.011
5040	0.006	0.007	0.007	0.008	0.008
5100	0.007	0.007	0.008	0.009	0.01
5160	0.008	0.008	0.008	0.01	0.01
5220	0.008	0.008	0.008	0.009	0.01
5280	0.007	0.008	0.008	0.009	0.01
5340	0.007	0.007	0.008	0.009	0.009
5400	0.007	0.007	0.008	0.009	0.01
5460	0.007	0.007	0.007	0.009	0.009
5520	0.007	0.007	0.008	0.009	0.01
5580	0.007	0.007	0.007	0.009	0.01
5640	0.006	0.006	0.007	0.008	0.008
5700	0.006	0.006	0.007	0.008	0.009
5760	0.007	0.007	0.007	0.008	0.009
5820	0.006	0.007	0.007	0.009	0.009
5880	0.012	0.012	0.012	0.015	0.017
5940	0.007	0.008	0.008	0.009	0.01
6000	0.009	0.009	0.01	0.011	0.012
6060	0.015	0.015	0.017	0.026	0.03
6120	0.008	0.008	0.009	0.012	0.013
6180	0.008	0.008	0.009	0.012	0.012

6240	0.008	0.009	0.009	0.011	0.011
6300	0.009	0.01	0.01	0.012	0.013
6360	0.006	0.006	0.007	0.008	0.008
6420	0.006	0.006	0.007	0.008	0.009
6480	0.008	0.008	0.009	0.012	0.014
6540	0.008	0.008	0.009	0.014	0.016
6600	0.005	0.006	0.006	0.007	0.007
6660	0.007	0.007	0.007	0.009	0.01
6720	0.007	0.007	0.007	0.009	0.01
6780	0.007	0.007	0.007	0.01	0.011
6840	0.006	0.006	0.006	0.008	0.008
6900	0.013	0.013	0.013	0.016	0.018
6960	0.007	0.007	0.008	0.011	0.011
7020	0.006	0.006	0.007	0.009	0.01
7080	0.006	0.006	0.006	0.008	0.009
7140	0.007	0.007	0.007	0.009	0.012
7200	0.006	0.007	0.007	0.009	0.01
7260	0.007	0.007	0.008	0.012	0.013
7320	0.006	0.006	0.007	0.008	0.009
7380	0.006	0.006	0.006	0.008	0.009
7440	0.006	0.006	0.007	0.008	0.008
7500	0.006	0.006	0.006	0.008	0.008
7560	0.009	0.009	0.009	0.012	0.012
7620	0.007	0.008	0.008	0.011	0.011
7680	0.006	0.006	0.007	0.01	0.01
7740	0.006	0.006	0.007	0.008	0.008
7800	0.007	0.007	0.007	0.009	0.01
7860	0.006	0.006	0.007	0.009	0.01
7920	0.006	0.006	0.006	0.008	0.008
7980	0.007	0.007	0.007	0.009	0.01
8040	0.006	0.006	0.007	0.009	0.01
8100	0.006	0.007	0.007	0.009	0.01
8160	0.007	0.007	0.008	0.01	0.01
8220	0.008	0.008	0.009	0.014	0.014
8280	0.007	0.007	0.008	0.011	0.012
8340	0.01	0.011	0.012	0.021	0.023
8400	0.007	0.007	0.007	0.009	0.011
8460	0.007	0.007	0.007	0.009	0.011
8520	0.006	0.006	0.007	0.008	0.009
8580	0.007	0.007	0.007	0.009	0.011
8640	0.006	0.006	0.007	0.008	0.008
8700	0.006	0.006	0.006	0.007	0.008
8760	0.007	0.008	0.008	0.01	0.011
8820	0.007	0.007	0.007	0.009	0.009
8880	0.006	0.007	0.007	0.009	0.009
8940	0.007	0.007	0.007	0.009	0.01
9000	0.006	0.006	0.006	0.007	0.008

9060	0.006	0.006	0.006	0.008	0.008
9120	0.007	0.007	0.008	0.011	0.013
9180	0.006	0.006	0.007	0.011	0.012
9240	0.006	0.006	0.006	0.008	0.009
9300	0.006	0.006	0.006	0.008	0.009
9360	0.005	0.006	0.006	0.008	0.008
9420	0.006	0.006	0.006	0.008	0.009
9480	0.006	0.006	0.006	0.008	0.009
9540	0.006	0.006	0.006	0.007	0.009
9600	0.006	0.006	0.006	0.008	0.009
9660	0.006	0.006	0.006	0.008	0.009
9720	0.005	0.006	0.006	0.007	0.008
9780	0.008	0.008	0.009	0.012	0.014
9840	0.005	0.005	0.006	0.007	0.008
9900	0.006	0.006	0.006	0.008	0.008
9960	0.006	0.007	0.007	0.009	0.01
10020	0.006	0.006	0.007	0.009	0.01
10080	0.006	0.006	0.007	0.009	0.01
10140	0.006	0.006	0.007	0.01	0.01
10200	0.005	0.006	0.006	0.008	0.009
10260	0.006	0.006	0.007	0.009	0.009
10320	0.006	0.006	0.006	0.009	0.01
10380	0.005	0.005	0.006	0.008	0.009
10440	0.005	0.005	0.006	0.007	0.008
10500	0.005	0.006	0.006	0.007	0.008
10560	0.005	0.005	0.006	0.007	0.007
10620	0.005	0.005	0.006	0.007	0.008
10680	0.005	0.005	0.006	0.007	0.007
10740	0.007	0.007	0.007	0.008	0.01
10800	0.007	0.007	0.007	0.01	0.011
10860	0.005	0.005	0.006	0.007	0.007
10920	0.006	0.006	0.006	0.007	0.008
10980	0.006	0.006	0.006	0.008	0.009
11040	0.005	0.006	0.006	0.008	0.009
11100	0.005	0.005	0.006	0.008	0.008
11160	0.005	0.006	0.006	0.007	0.008
11220	0.008	0.009	0.01	0.016	0.016
11280	0.006	0.006	0.007	0.009	0.01
11340	0.013	0.013	0.013	0.015	0.015
11400	0.008	0.008	0.009	0.01	0.011
11460	0.005	0.005	0.006	0.007	0.008
11520	0.006	0.006	0.007	0.009	0.01
11580	0.006	0.006	0.007	0.008	0.009
11640	0.006	0.006	0.007	0.01	0.01
11700	0.005	0.005	0.006	0.007	0.007
11760	0.006	0.007	0.007	0.009	0.011
11820	0.007	0.007	0.008	0.009	0.011

11880	0.007	0.007	0.008	0.009	0.01
11940	0.006	0.006	0.006	0.008	0.008
12000	0.005	0.005	0.006	0.006	0.007
12060	0.005	0.005	0.005	0.006	0.006
12120	0.005	0.005	0.006	0.007	0.008
12180	0.005	0.005	0.006	0.007	0.007
12240	0.005	0.006	0.006	0.008	0.008
12300	0.008	0.008	0.009	0.012	0.013
12360	0.006	0.006	0.006	0.008	0.009
12420	0.007	0.007	0.008	0.012	0.013
12480	0.006	0.007	0.008	0.011	0.012
12540	0.008	0.008	0.01	0.016	0.017
12600	0.005	0.005	0.006	0.009	0.009
12660	0.005	0.005	0.005	0.006	0.007
12720	0.006	0.006	0.007	0.012	0.013
12780	0.005	0.005	0.006	0.009	0.01
12840	0.008	0.008	0.009	0.016	0.018
12900	0.008	0.008	0.009	0.014	0.018
12960	0.007	0.007	0.008	0.01	0.011
13020	0.005	0.005	0.005	0.007	0.007
13080	0.005	0.006	0.006	0.009	0.009
13140	0.006	0.006	0.006	0.008	0.008
13200	0.005	0.005	0.006	0.008	0.009
13260	0.005	0.005	0.006	0.008	0.008
13320	0.005	0.005	0.006	0.006	0.006
13380	0.005	0.005	0.006	0.008	0.008
13440	0.006	0.006	0.007	0.009	0.01
13500	0.007	0.007	0.008	0.012	0.012
13560	0.005	0.006	0.006	0.008	0.009
13620	0.005	0.005	0.006	0.007	0.007
13680	0.005	0.005	0.005	0.007	0.008
13740	0.005	0.005	0.005	0.006	0.007
13800	0.005	0.005	0.005	0.007	0.007
13860	0.005	0.005	0.005	0.006	0.007
13920	0.006	0.007	0.007	0.01	0.01
13980	0.006	0.006	0.006	0.009	0.01
14040	0.006	0.006	0.007	0.009	0.009
14100	0.005	0.005	0.006	0.008	0.008
14160	0.005	0.005	0.005	0.006	0.007
14220	0.005	0.005	0.005	0.006	0.006
14280	0.006	0.006	0.007	0.009	0.01
14340	0.005	0.005	0.005	0.006	0.006
14400	0.005	0.005	0.006	0.007	0.008
14460	0.005	0.005	0.006	0.007	0.007
14520	0.007	0.007	0.008	0.009	0.009
14580	0.005	0.005	0.006	0.007	0.009
14640	0.005	0.005	0.005	0.007	0.007

14700	0.005	0.005	0.005	0.007	0.008
14760	0.005	0.005	0.005	0.007	0.008
14820	0.005	0.005	0.006	0.007	0.009
14880	0.005	0.005	0.005	0.007	0.008
14940	0.006	0.006	0.006	0.008	0.008
15000	0.005	0.005	0.006	0.007	0.008
15060	0.005	0.005	0.006	0.007	0.008
15120	0.005	0.006	0.006	0.008	0.008
15180	0.009	0.01	0.011	0.017	0.019
15240	0.007	0.008	0.008	0.01	0.011
15300	0.007	0.008	0.008	0.01	0.011
15360	0.015	0.015	0.017	0.024	0.027
15420	0.007	0.008	0.008	0.01	0.011
15480	0.009	0.009	0.01	0.013	0.014
15540	0.005	0.005	0.005	0.006	0.007
15600	0.005	0.006	0.006	0.008	0.008
15660	0.006	0.006	0.006	0.008	0.009
15720	0.011	0.011	0.012	0.019	0.022
15780	0.01	0.01	0.012	0.019	0.022
15840	0.006	0.006	0.006	0.009	0.009
15900	0.028	0.029	0.034	0.062	0.072
15960	0.023	0.025	0.028	0.048	0.059
16020	0.023	0.024	0.029	0.057	0.065
16080	0.042	0.044	0.054	0.1	0.114
16140	0.033	0.035	0.04	0.068	0.077
16200	0.03	0.031	0.035	0.057	0.066
16260	0.036	0.037	0.041	0.06	0.066
16320	0.02	0.021	0.025	0.044	0.048
16380	0.02	0.02	0.021	0.028	0.029
16440	0.011	0.012	0.013	0.015	0.019
16500	0.021	0.022	0.024	0.033	0.035
16560	0.061	0.064	0.074	0.134	0.152
16620	0.04	0.041	0.049	0.096	0.114
16680	0.017	0.018	0.021	0.039	0.046
16740	0.048	0.051	0.062	0.125	0.149
16800	0.032	0.034	0.041	0.084	0.096
16860	0.009	0.01	0.011	0.019	0.023
16920	0.01	0.01	0.012	0.022	0.025
16980	0.006	0.006	0.007	0.011	0.011
17040	0.006	0.006	0.007	0.009	0.01
17100	0.005	0.005	0.006	0.007	0.008
17160	0.004	0.004	0.005	0.006	0.007
17220	0.007	0.007	0.008	0.011	0.013
17280	0.006	0.006	0.006	0.008	0.01
17340	0.007	0.008	0.009	0.014	0.015
17400	0.009	0.009	0.01	0.018	0.021
17460	0.007	0.008	0.008	0.014	0.014

17520	0.012	0.012	0.015	0.027	0.031
17580	0.009	0.009	0.011	0.018	0.021
17640	0.039	0.042	0.051	0.092	0.104
17700	0.018	0.019	0.022	0.042	0.049
17760	0.013	0.014	0.017	0.03	0.035
17820	0.008	0.009	0.01	0.016	0.017
17880	0.007	0.007	0.008	0.012	0.013
17940	0.007	0.007	0.007	0.011	0.012
18000	0.008	0.008	0.009	0.011	0.012
18060	0.009	0.01	0.01	0.015	0.015
18120	0.009	0.009	0.009	0.013	0.014
18180	0.008	0.008	0.009	0.013	0.015
18240	0.006	0.006	0.006	0.009	0.009
18300	0.005	0.005	0.006	0.008	0.008
18360	0.006	0.006	0.006	0.008	0.01
18420	0.005	0.005	0.006	0.008	0.008
18480	0.005	0.005	0.005	0.007	0.008
18540	0.007	0.007	0.007	0.01	0.011
18600	0.006	0.006	0.007	0.008	0.009
18660	0.025	0.026	0.029	0.043	0.049
18720	0.009	0.009	0.01	0.015	0.016
18780	0.012	0.013	0.015	0.024	0.029
18840	0.022	0.024	0.03	0.054	0.062
18900	0.006	0.006	0.007	0.011	0.012
18960	0.006	0.006	0.007	0.01	0.011
19020	0.005	0.005	0.006	0.008	0.009
19080	0.005	0.005	0.005	0.006	0.007
19140	0.006	0.006	0.007	0.009	0.01
19200	0.006	0.006	0.007	0.009	0.01
19260	0.005	0.005	0.006	0.008	0.008
19320	0.005	0.005	0.006	0.008	0.008
19380	0.005	0.005	0.005	0.007	0.007
19440	0.006	0.006	0.006	0.009	0.01
19500	0.005	0.005	0.006	0.009	0.009
19560	0.005	0.005	0.006	0.008	0.009
19620	0.016	0.017	0.021	0.038	0.046
19680	0.03	0.032	0.037	0.063	0.073
19740	0.018	0.019	0.02	0.026	0.028
19800	0.031	0.033	0.037	0.054	0.055
19860	0.014	0.014	0.015	0.021	0.023
19920	0.019	0.019	0.02	0.027	0.029
19980	0.014	0.015	0.016	0.024	0.026
20040	0.017	0.018	0.019	0.027	0.029
20100	0.018	0.019	0.022	0.035	0.037
20160	0.018	0.019	0.022	0.039	0.045
20220	0.017	0.017	0.02	0.034	0.041
20280	0.055	0.055	0.057	0.061	0.061

20340	0.032	0.032	0.033	0.036	0.036
20400	0.031	0.032	0.033	0.035	0.035
20460	0.019	0.02	0.02	0.024	0.025
20520	0.011	0.012	0.012	0.014	0.015
20580	0.019	0.019	0.02	0.023	0.024
20640	0.019	0.02	0.021	0.028	0.03
20700	0.012	0.012	0.014	0.02	0.021
20760	0.009	0.009	0.01	0.013	0.014
20820	0.015	0.015	0.017	0.028	0.034
20880	0.009	0.009	0.01	0.015	0.017
20940	0.01	0.011	0.012	0.019	0.021
21000	0.011	0.011	0.012	0.016	0.017
21060	0.008	0.008	0.008	0.01	0.011
21120	0.008	0.009	0.009	0.013	0.014
21180	0.007	0.008	0.008	0.01	0.011
21240	0.01	0.01	0.011	0.016	0.018
21300	0.007	0.007	0.008	0.01	0.011
21360	0.005	0.006	0.006	0.008	0.008
21420	0.006	0.007	0.007	0.009	0.01
21480	0.014	0.015	0.017	0.029	0.033
21540	0.082	0.087	0.108	0.211	0.25
21600	0.046	0.048	0.054	0.085	0.098
21660	0.022	0.023	0.027	0.045	0.054
21720	0.03	0.031	0.033	0.044	0.048
21780	0.022	0.023	0.024	0.031	0.034
21840	0.024	0.025	0.026	0.033	0.035
21900	0.012	0.012	0.014	0.019	0.02
21960	0.133	0.148	0.192	0.347	0.381
22020	0.017	0.018	0.023	0.036	0.038
22080	0.027	0.028	0.03	0.046	0.057
22140	0.008	0.009	0.009	0.012	0.015
22200	0.053	0.055	0.061	0.087	0.098
22260	0.02	0.021	0.024	0.041	0.046
22320	0.011	0.012	0.013	0.019	0.023
22380	0.008	0.008	0.009	0.012	0.013
22440	0.009	0.01	0.01	0.012	0.013
22500	0.007	0.007	0.007	0.009	0.01
22560	0.005	0.006	0.006	0.007	0.008
22620	0.005	0.006	0.006	0.007	0.008
22680	0.006	0.006	0.007	0.009	0.009
22740	0.005	0.006	0.006	0.008	0.009
22800	0.005	0.005	0.006	0.007	0.007
22860	0.008	0.009	0.01	0.017	0.019
22920	0.005	0.006	0.006	0.007	0.008
22980	0.006	0.006	0.006	0.007	0.008
23040	0.006	0.006	0.006	0.008	0.008
23100	0.006	0.007	0.007	0.009	0.009

23160	0.012	0.012	0.014	0.023	0.026
23220	0.007	0.008	0.008	0.01	0.011
23280	0.006	0.006	0.006	0.008	0.008
23340	0.005	0.005	0.005	0.006	0.006
23400	0.005	0.005	0.006	0.007	0.007
23460	0.005	0.006	0.006	0.007	0.008
23520	0.006	0.006	0.006	0.008	0.008
23580	0.005	0.006	0.006	0.008	0.008
23640	0.006	0.006	0.006	0.008	0.008
23700	0.006	0.006	0.007	0.009	0.01
23760	0.007	0.007	0.007	0.009	0.01
23820	0.007	0.007	0.008	0.009	0.01
23880	0.007	0.007	0.007	0.009	0.009
23940	0.006	0.006	0.007	0.008	0.009
24000	0.006	0.006	0.007	0.009	0.009
24060	0.006	0.006	0.007	0.009	0.011
24120	0.015	0.015	0.017	0.031	0.034
24180	0.013	0.013	0.015	0.025	0.028
24240	0.039	0.041	0.049	0.1	0.115
24300	0.009	0.009	0.01	0.014	0.017
24360	0.007	0.007	0.008	0.01	0.01
24420	0.009	0.01	0.011	0.014	0.016
24480	0.008	0.008	0.009	0.012	0.015
24540	0.013	0.014	0.015	0.024	0.028
24600	0.01	0.01	0.011	0.014	0.015
24660	0.007	0.008	0.008	0.011	0.012
24720	0.007	0.007	0.008	0.01	0.01
24780	0.006	0.006	0.006	0.007	0.008
24840	0.005	0.005	0.006	0.007	0.008
24900	0.006	0.006	0.007	0.008	0.01
24960	0.005	0.005	0.006	0.007	0.008
25020	0.005	0.005	0.005	0.006	0.007
25080	0.005	0.005	0.006	0.007	0.007
25140	0.005	0.005	0.005	0.006	0.006
25200	0.006	0.006	0.006	0.007	0.008
25260	0.005	0.006	0.006	0.007	0.008
25320	0.005	0.005	0.006	0.007	0.007
25380	0.005	0.006	0.006	0.007	0.007
25440	0.006	0.007	0.007	0.01	0.011
25500	0.006	0.006	0.007	0.008	0.008
25560	0.007	0.008	0.008	0.011	0.012
25620	0.008	0.008	0.009	0.011	0.011
25680	0.008	0.008	0.009	0.011	0.012
25740	0.006	0.006	0.007	0.008	0.008
25800	0.006	0.006	0.007	0.009	0.009
25860	0.007	0.007	0.008	0.01	0.011
25920	0.006	0.006	0.007	0.008	0.008

25980	0.006	0.006	0.006	0.007	0.007
26040	0.006	0.006	0.006	0.007	0.008
26100	0.006	0.006	0.006	0.008	0.009
26160	0.007	0.007	0.008	0.009	0.009
26220	0.006	0.006	0.006	0.008	0.008
26280	0.005	0.006	0.006	0.007	0.007
26340	0.006	0.006	0.006	0.007	0.008
26400	0.006	0.006	0.007	0.008	0.008
26460	0.006	0.006	0.007	0.008	0.009
26520	0.006	0.007	0.007	0.008	0.008
26580	0.006	0.006	0.007	0.008	0.008
26640	0.024	0.025	0.026	0.034	0.043
26700	0.01	0.01	0.011	0.016	0.02
26760	0.007	0.007	0.008	0.01	0.011
26820	0.006	0.006	0.007	0.008	0.008
26880	0.006	0.006	0.007	0.008	0.008
26940	0.007	0.008	0.008	0.01	0.01
27000	0.009	0.009	0.011	0.017	0.019
27060	0.006	0.006	0.007	0.009	0.009
27120	0.006	0.006	0.006	0.008	0.008
27180	0.006	0.006	0.006	0.007	0.007
27240	0.007	0.007	0.007	0.009	0.009
27300	0.006	0.006	0.006	0.008	0.008
27360	0.006	0.006	0.007	0.008	0.008
27420	0.006	0.007	0.007	0.009	0.009
27480	0.007	0.007	0.008	0.01	0.011
27540	0.006	0.006	0.007	0.008	0.008
27600	0.006	0.007	0.007	0.009	0.01
27660	0.006	0.006	0.007	0.008	0.01
27720	0.006	0.006	0.006	0.008	0.009

Instrument Name DustTrak DRX
 Model Number 8533
 Serial Number 8533112903
 Firmware Version 2.8
 Calibration Date 7/18/2011
 Test Name MANUAL_009
 Test Start Time 8:06:12
 Test Start Date 10/16/2011
 Test Length [D:H:M] 0:07:42
 Test Interval [M:S] 1:00
 PM1 Average [mg/m³] 0.015
 PM1 Minimum [mg/m³] 0.006
 PM1 Maximum [mg/m³] 0.185
 PM1 TWA [mg/m³] 0.014
 PM2.5 Average [mg/m³] 0.015
 PM2.5 Minimum [mg/m³] 0.006
 PM2.5 Maximum [mg/m³] 0.193
 PM2.5 TWA [mg/m³] 0.015
 PM4 Average [mg/m³] 0.017
 PM4 Minimum [mg/m³] 0.007
 PM4 Maximum [mg/m³] 0.226
 PM4 TWA [mg/m³] 0.016
 PM10 Average [mg/m³] 0.025
 PM10 Minimum [mg/m³] 0.008
 PM10 Maximum [mg/m³] 0.459
 PM10 TWA [mg/m³] 0.024
 TOTAL Average [mg/m³] 0.028
 TOTAL Minimum [mg/m³] 0.008
 TOTAL Maximum [mg/m³] 0.552
 TOTAL TWA [mg/m³] 0.027
 Photometric User Cal 1
 Size Correction User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 462

Elapsed Time [s]	PM1	PM2.5	PM4	PM10	TOTAL	Alarms	Errors
	[mg/m ³]						
60	0.01	0.01	0.012	0.022	0.032		
120	0.013	0.013	0.015	0.027	0.032		
180	0.019	0.02	0.023	0.04	0.047		
240	0.008	0.008	0.009	0.012	0.012		
300	0.01	0.01	0.011	0.013	0.013		
360	0.01	0.01	0.011	0.013	0.015		
420	0.018	0.019	0.022	0.037	0.045		
480	0.011	0.012	0.013	0.017	0.018		
540	0.007	0.008	0.008	0.01	0.01		
600	0.011	0.012	0.012	0.015	0.016		
660	0.009	0.01	0.011	0.014	0.015		
720	0.007	0.007	0.008	0.01	0.01		
780	0.007	0.008	0.008	0.011	0.011		
840	0.01	0.01	0.011	0.017	0.019		
900	0.008	0.008	0.009	0.012	0.012		
960	0.009	0.009	0.01	0.014	0.015		
1020	0.018	0.019	0.021	0.035	0.039		
1080	0.011	0.011	0.012	0.018	0.02		
1140	0.008	0.009	0.009	0.012	0.013		
1200	0.019	0.02	0.021	0.029	0.034		
1260	0.069	0.069	0.071	0.084	0.096		
1320	0.008	0.008	0.009	0.012	0.013		
1380	0.01	0.011	0.012	0.018	0.02		
1440	0.008	0.008	0.009	0.012	0.014		
1500	0.008	0.008	0.008	0.012	0.013		
1560	0.008	0.008	0.009	0.012	0.013		
1620	0.008	0.008	0.009	0.012	0.013		
1680	0.007	0.008	0.008	0.01	0.01		
1740	0.009	0.01	0.011	0.015	0.017		
1800	0.007	0.008	0.008	0.01	0.01		
1860	0.008	0.009	0.009	0.012	0.013		
1920	0.01	0.011	0.011	0.013	0.014		
1980	0.021	0.022	0.023	0.027	0.027		
2040	0.013	0.014	0.015	0.02	0.021		
2100	0.116	0.121	0.145	0.294	0.347		
2160	0.041	0.042	0.047	0.08	0.102		
2220	0.013	0.013	0.014	0.017	0.017		
2280	0.017	0.018	0.02	0.026	0.029		
2340	0.011	0.011	0.012	0.015	0.017		
2400	0.011	0.011	0.012	0.02	0.023		
2460	0.006	0.007	0.007	0.009	0.009		
2520	0.01	0.01	0.011	0.014	0.016		
2580	0.011	0.011	0.012	0.017	0.019		
2640	0.006	0.006	0.007	0.008	0.008		
2700	0.009	0.009	0.01	0.014	0.015		
2760	0.01	0.011	0.012	0.018	0.021		

2820	0.017	0.017	0.019	0.025	0.028
2880	0.012	0.013	0.013	0.015	0.017
2940	0.011	0.011	0.011	0.015	0.017
3000	0.022	0.023	0.026	0.048	0.055
3060	0.024	0.025	0.029	0.055	0.066
3120	0.009	0.009	0.01	0.014	0.016
3180	0.036	0.036	0.037	0.042	0.045
3240	0.008	0.008	0.009	0.01	0.011
3300	0.012	0.012	0.014	0.023	0.027
3360	0.185	0.193	0.226	0.421	0.5
3420	0.009	0.01	0.011	0.015	0.016
3480	0.008	0.008	0.008	0.012	0.014
3540	0.009	0.009	0.01	0.013	0.016
3600	0.008	0.008	0.009	0.011	0.012
3660	0.009	0.01	0.01	0.013	0.014
3720	0.019	0.02	0.024	0.044	0.052
3780	0.008	0.009	0.009	0.011	0.011
3840	0.01	0.01	0.011	0.013	0.014
3900	0.01	0.011	0.011	0.014	0.015
3960	0.011	0.011	0.011	0.013	0.015
4020	0.028	0.028	0.03	0.042	0.052
4080	0.009	0.01	0.01	0.012	0.013
4140	0.008	0.009	0.009	0.01	0.01
4200	0.008	0.008	0.008	0.01	0.01
4260	0.009	0.009	0.009	0.011	0.011
4320	0.008	0.008	0.009	0.01	0.01
4380	0.008	0.008	0.009	0.01	0.011
4440	0.007	0.007	0.008	0.009	0.009
4500	0.009	0.009	0.01	0.013	0.014
4560	0.009	0.009	0.01	0.011	0.014
4620	0.007	0.007	0.008	0.009	0.009
4680	0.009	0.01	0.01	0.013	0.014
4740	0.01	0.01	0.01	0.012	0.013
4800	0.01	0.01	0.01	0.011	0.013
4860	0.018	0.018	0.019	0.027	0.032
4920	0.01	0.01	0.011	0.012	0.013
4980	0.009	0.01	0.01	0.011	0.012
5040	0.01	0.01	0.01	0.012	0.013
5100	0.01	0.01	0.01	0.011	0.012
5160	0.01	0.01	0.01	0.012	0.012
5220	0.009	0.009	0.009	0.011	0.011
5280	0.009	0.009	0.01	0.012	0.012
5340	0.008	0.008	0.008	0.009	0.01
5400	0.008	0.008	0.008	0.009	0.01
5460	0.024	0.025	0.029	0.044	0.049
5520	0.013	0.014	0.015	0.019	0.021
5580	0.009	0.009	0.01	0.012	0.012
5640	0.009	0.009	0.01	0.011	0.012
5700	0.012	0.012	0.013	0.016	0.017
5760	0.011	0.011	0.012	0.013	0.013
5820	0.016	0.017	0.018	0.026	0.031
5880	0.093	0.094	0.097	0.134	0.163
5940	0.011	0.011	0.012	0.013	0.014
6000	0.01	0.01	0.011	0.012	0.013
6060	0.009	0.009	0.009	0.011	0.011
6120	0.008	0.009	0.009	0.011	0.011
6180	0.008	0.008	0.008	0.01	0.011
6240	0.008	0.008	0.008	0.009	0.009
6300	0.009	0.009	0.01	0.012	0.013
6360	0.009	0.01	0.011	0.015	0.017
6420	0.018	0.018	0.021	0.036	0.043
6480	0.008	0.008	0.008	0.01	0.011
6540	0.008	0.009	0.009	0.013	0.014
6600	0.014	0.015	0.017	0.03	0.035
6660	0.008	0.009	0.009	0.011	0.011
6720	0.01	0.01	0.01	0.012	0.014
6780	0.02	0.02	0.023	0.037	0.044
6840	0.078	0.08	0.085	0.121	0.152
6900	0.013	0.014	0.015	0.024	0.027
6960	0.01	0.011	0.012	0.016	0.018
7020	0.015	0.016	0.017	0.024	0.026
7080	0.01	0.011	0.012	0.016	0.019
7140	0.008	0.008	0.008	0.01	0.011
7200	0.008	0.009	0.009	0.011	0.011
7260	0.008	0.008	0.009	0.01	0.011
7320	0.009	0.009	0.01	0.012	0.014
7380	0.009	0.01	0.01	0.013	0.014
7440	0.013	0.014	0.015	0.024	0.028
7500	0.01	0.01	0.011	0.015	0.019
7560	0.023	0.023	0.024	0.033	0.042
7620	0.009	0.009	0.01	0.011	0.012
7680	0.01	0.01	0.011	0.012	0.012
7740	0.009	0.009	0.01	0.011	0.012
7800	0.009	0.009	0.01	0.011	0.012

7860	0.019	0.019	0.022	0.036	0.042
7920	0.017	0.018	0.02	0.035	0.039
7980	0.014	0.015	0.017	0.025	0.028
8040	0.053	0.056	0.068	0.131	0.15
8100	0.047	0.05	0.059	0.118	0.136
8160	0.012	0.012	0.013	0.02	0.022
8220	0.02	0.021	0.024	0.044	0.05
8280	0.013	0.013	0.014	0.016	0.018
8340	0.008	0.009	0.009	0.011	0.011
8400	0.018	0.019	0.021	0.034	0.038
8460	0.009	0.009	0.009	0.012	0.012
8520	0.009	0.009	0.01	0.011	0.012
8580	0.015	0.015	0.017	0.026	0.027
8640	0.008	0.008	0.009	0.011	0.012
8700	0.008	0.008	0.009	0.01	0.01
8760	0.009	0.009	0.01	0.012	0.013
8820	0.009	0.009	0.01	0.012	0.012
8880	0.01	0.01	0.01	0.013	0.014
8940	0.12	0.125	0.146	0.258	0.291
9000	0.071	0.075	0.091	0.176	0.207
9060	0.011	0.012	0.013	0.016	0.019
9120	0.009	0.009	0.009	0.011	0.011
9180	0.009	0.009	0.009	0.011	0.011
9240	0.009	0.009	0.01	0.011	0.011
9300	0.01	0.01	0.01	0.012	0.012
9360	0.077	0.077	0.081	0.105	0.137
9420	0.01	0.011	0.011	0.015	0.016
9480	0.01	0.01	0.01	0.012	0.013
9540	0.01	0.01	0.011	0.013	0.014
9600	0.025	0.027	0.031	0.056	0.064
9660	0.039	0.041	0.051	0.097	0.107
9720	0.01	0.01	0.011	0.013	0.015
9780	0.008	0.009	0.009	0.011	0.011
9840	0.013	0.013	0.015	0.023	0.026
9900	0.01	0.01	0.011	0.014	0.016
9960	0.009	0.01	0.01	0.014	0.015
10020	0.008	0.008	0.009	0.01	0.011
10080	0.01	0.01	0.011	0.016	0.018
10140	0.011	0.011	0.013	0.02	0.023
10200	0.028	0.029	0.032	0.053	0.059
10260	0.031	0.031	0.032	0.039	0.046
10320	0.01	0.01	0.011	0.015	0.017
10380	0.008	0.009	0.009	0.011	0.011
10440	0.01	0.01	0.011	0.014	0.016
10500	0.009	0.009	0.01	0.013	0.013
10560	0.008	0.008	0.008	0.009	0.01
10620	0.008	0.008	0.009	0.009	0.01
10680	0.009	0.009	0.009	0.01	0.011
10740	0.01	0.01	0.011	0.015	0.017
10800	0.013	0.014	0.016	0.024	0.028
10860	0.009	0.01	0.01	0.011	0.011
10920	0.012	0.012	0.013	0.018	0.02
10980	0.009	0.009	0.009	0.011	0.012
11040	0.009	0.009	0.01	0.011	0.011
11100	0.01	0.01	0.011	0.013	0.014
11160	0.009	0.009	0.01	0.011	0.011
11220	0.01	0.01	0.01	0.012	0.013
11280	0.013	0.013	0.014	0.015	0.016
11340	0.013	0.014	0.015	0.024	0.027
11400	0.014	0.015	0.017	0.025	0.03
11460	0.01	0.01	0.01	0.013	0.015
11520	0.01	0.01	0.01	0.013	0.015
11580	0.009	0.009	0.009	0.011	0.012
11640	0.01	0.01	0.011	0.014	0.016
11700	0.011	0.011	0.012	0.016	0.018
11760	0.01	0.01	0.01	0.012	0.013
11820	0.009	0.009	0.009	0.011	0.012
11880	0.009	0.009	0.009	0.011	0.012
11940	0.008	0.008	0.009	0.012	0.013
12000	0.008	0.008	0.009	0.01	0.01
12060	0.008	0.008	0.008	0.01	0.011
12120	0.009	0.009	0.01	0.011	0.012
12180	0.015	0.016	0.018	0.029	0.033
12240	0.01	0.011	0.012	0.015	0.016
12300	0.013	0.014	0.015	0.023	0.025
12360	0.056	0.057	0.06	0.078	0.086
12420	0.013	0.014	0.015	0.023	0.024
12480	0.015	0.015	0.017	0.026	0.027
12540	0.036	0.038	0.045	0.084	0.097
12600	0.01	0.01	0.011	0.014	0.015
12660	0.011	0.011	0.012	0.017	0.018
12720	0.013	0.014	0.015	0.023	0.026
12780	0.032	0.033	0.038	0.066	0.075
12840	0.031	0.032	0.038	0.072	0.087

12900	0.011	0.011	0.012	0.017	0.018
12960	0.017	0.017	0.02	0.033	0.038
13020	0.011	0.012	0.013	0.017	0.018
13080	0.017	0.017	0.019	0.032	0.035
13140	0.011	0.012	0.013	0.017	0.017
13200	0.011	0.011	0.012	0.016	0.017
13260	0.016	0.017	0.018	0.029	0.035
13320	0.017	0.017	0.02	0.034	0.037
13380	0.012	0.013	0.014	0.02	0.022
13440	0.011	0.012	0.013	0.017	0.018
13500	0.01	0.01	0.011	0.014	0.014
13560	0.013	0.013	0.014	0.019	0.02
13620	0.014	0.015	0.016	0.024	0.026
13680	0.01	0.01	0.011	0.013	0.013
13740	0.044	0.046	0.054	0.111	0.132
13800	0.009	0.009	0.009	0.01	0.01
13860	0.009	0.01	0.01	0.014	0.014
13920	0.01	0.011	0.011	0.014	0.014
13980	0.009	0.009	0.01	0.011	0.011
14040	0.009	0.009	0.009	0.01	0.011
14100	0.011	0.011	0.012	0.016	0.018
14160	0.037	0.039	0.043	0.066	0.07
14220	0.01	0.01	0.011	0.014	0.014
14280	0.011	0.011	0.012	0.015	0.016
14340	0.011	0.011	0.012	0.017	0.018
14400	0.009	0.009	0.009	0.01	0.01
14460	0.008	0.008	0.009	0.01	0.01
14520	0.009	0.009	0.01	0.011	0.012
14580	0.009	0.009	0.01	0.012	0.012
14640	0.008	0.008	0.009	0.01	0.01
14700	0.013	0.014	0.016	0.025	0.029
14760	0.067	0.068	0.071	0.089	0.1
14820	0.017	0.017	0.018	0.024	0.026
14880	0.009	0.01	0.01	0.012	0.013
14940	0.009	0.009	0.01	0.012	0.013
15000	0.009	0.009	0.01	0.011	0.011
15060	0.012	0.013	0.013	0.017	0.017
15120	0.008	0.009	0.009	0.011	0.011
15180	0.011	0.012	0.012	0.014	0.014
15240	0.035	0.036	0.041	0.065	0.073
15300	0.014	0.015	0.016	0.026	0.028
15360	0.011	0.011	0.012	0.015	0.016
15420	0.01	0.01	0.011	0.012	0.012
15480	0.01	0.01	0.011	0.012	0.013
15540	0.01	0.011	0.011	0.013	0.013
15600	0.012	0.012	0.013	0.019	0.02
15660	0.01	0.01	0.011	0.014	0.015
15720	0.01	0.01	0.011	0.013	0.014
15780	0.01	0.011	0.011	0.013	0.014
15840	0.016	0.016	0.018	0.028	0.032
15900	0.011	0.011	0.013	0.019	0.02
15960	0.015	0.016	0.018	0.03	0.036
16020	0.01	0.01	0.011	0.015	0.015
16080	0.01	0.01	0.011	0.012	0.012
16140	0.016	0.017	0.02	0.03	0.031
16200	0.01	0.01	0.011	0.013	0.014
16260	0.01	0.01	0.01	0.011	0.012
16320	0.009	0.009	0.01	0.01	0.01
16380	0.013	0.014	0.015	0.022	0.023
16440	0.021	0.022	0.025	0.041	0.046
16500	0.011	0.011	0.012	0.015	0.016
16560	0.01	0.011	0.011	0.016	0.017
16620	0.009	0.009	0.01	0.014	0.014
16680	0.02	0.021	0.024	0.04	0.045
16740	0.01	0.01	0.012	0.017	0.019
16800	0.008	0.009	0.009	0.01	0.011
16860	0.008	0.008	0.009	0.01	0.01
16920	0.01	0.01	0.011	0.013	0.013
16980	0.009	0.009	0.009	0.011	0.011
17040	0.008	0.008	0.009	0.01	0.011
17100	0.009	0.009	0.01	0.012	0.013
17160	0.011	0.011	0.012	0.016	0.017
17220	0.009	0.01	0.01	0.012	0.012
17280	0.009	0.009	0.009	0.012	0.013
17340	0.015	0.016	0.018	0.026	0.029
17400	0.015	0.015	0.018	0.026	0.028
17460	0.01	0.011	0.012	0.016	0.018
17520	0.029	0.03	0.033	0.048	0.05
17580	0.011	0.012	0.013	0.019	0.021
17640	0.011	0.011	0.012	0.017	0.02
17700	0.008	0.008	0.009	0.01	0.011
17760	0.016	0.017	0.019	0.032	0.034
17820	0.009	0.009	0.01	0.013	0.014
17880	0.008	0.009	0.009	0.011	0.011

17940	0.008	0.008	0.008	0.009	0.01
18000	0.008	0.008	0.009	0.01	0.01
18060	0.014	0.015	0.017	0.027	0.029
18120	0.008	0.008	0.009	0.009	0.01
18180	0.009	0.009	0.009	0.01	0.01
18240	0.008	0.009	0.009	0.01	0.01
18300	0.008	0.008	0.009	0.01	0.01
18360	0.008	0.009	0.009	0.01	0.01
18420	0.009	0.009	0.01	0.011	0.012
18480	0.009	0.009	0.01	0.011	0.012
18540	0.01	0.01	0.011	0.015	0.016
18600	0.011	0.011	0.012	0.015	0.017
18660	0.009	0.01	0.01	0.012	0.013
18720	0.011	0.011	0.012	0.015	0.016
18780	0.013	0.014	0.015	0.023	0.025
18840	0.02	0.021	0.024	0.037	0.042
18900	0.032	0.034	0.039	0.056	0.062
18960	0.01	0.01	0.011	0.013	0.014
19020	0.011	0.011	0.012	0.014	0.014
19080	0.014	0.014	0.015	0.02	0.02
19140	0.012	0.012	0.013	0.016	0.016
19200	0.013	0.014	0.015	0.021	0.023
19260	0.014	0.014	0.014	0.016	0.017
19320	0.017	0.018	0.019	0.023	0.024
19380	0.011	0.012	0.012	0.015	0.016
19440	0.016	0.016	0.017	0.019	0.02
19500	0.03	0.031	0.035	0.056	0.064
19560	0.022	0.023	0.026	0.041	0.046
19620	0.011	0.012	0.012	0.017	0.018
19680	0.01	0.01	0.011	0.012	0.013
19740	0.011	0.011	0.012	0.013	0.013
19800	0.01	0.01	0.011	0.012	0.013
19860	0.009	0.009	0.009	0.011	0.011
19920	0.009	0.009	0.01	0.011	0.011
19980	0.01	0.01	0.011	0.014	0.014
20040	0.029	0.03	0.035	0.064	0.076
20100	0.036	0.036	0.038	0.05	0.062
20160	0.011	0.011	0.011	0.013	0.014
20220	0.011	0.011	0.011	0.013	0.013
20280	0.011	0.011	0.012	0.013	0.013
20340	0.01	0.01	0.011	0.012	0.013
20400	0.01	0.011	0.011	0.013	0.014
20460	0.011	0.012	0.012	0.016	0.017
20520	0.01	0.01	0.01	0.012	0.012
20580	0.032	0.034	0.039	0.063	0.071
20640	0.011	0.011	0.012	0.016	0.017
20700	0.013	0.013	0.014	0.022	0.025
20760	0.012	0.012	0.013	0.015	0.016
20820	0.018	0.019	0.022	0.039	0.047
20880	0.012	0.012	0.013	0.014	0.017
20940	0.011	0.011	0.012	0.015	0.017
21000	0.009	0.009	0.01	0.012	0.012
21060	0.011	0.012	0.012	0.017	0.019
21120	0.011	0.012	0.012	0.015	0.016
21180	0.01	0.01	0.01	0.013	0.013
21240	0.009	0.01	0.01	0.011	0.013
21300	0.009	0.009	0.01	0.011	0.012
21360	0.014	0.014	0.016	0.022	0.023
21420	0.06	0.063	0.076	0.147	0.174
21480	0.013	0.013	0.015	0.021	0.022
21540	0.012	0.012	0.013	0.019	0.021
21600	0.009	0.01	0.01	0.012	0.013
21660	0.009	0.009	0.009	0.01	0.011
21720	0.175	0.186	0.225	0.459	0.552
21780	0.012	0.012	0.013	0.016	0.019
21840	0.012	0.013	0.013	0.018	0.02
21900	0.049	0.053	0.062	0.113	0.127
21960	0.011	0.011	0.012	0.015	0.017
22020	0.019	0.019	0.021	0.036	0.043
22080	0.01	0.01	0.01	0.012	0.013
22140	0.01	0.01	0.011	0.013	0.014
22200	0.011	0.011	0.012	0.016	0.016
22260	0.011	0.011	0.012	0.016	0.018
22320	0.01	0.01	0.011	0.015	0.016
22380	0.02	0.021	0.024	0.04	0.046
22440	0.011	0.011	0.012	0.014	0.015
22500	0.018	0.018	0.018	0.02	0.02
22560	0.01	0.011	0.011	0.013	0.015
22620	0.022	0.023	0.027	0.048	0.055
22680	0.017	0.018	0.02	0.029	0.033
22740	0.028	0.029	0.034	0.063	0.07
22800	0.014	0.014	0.016	0.024	0.025
22860	0.012	0.012	0.013	0.016	0.018
22920	0.01	0.01	0.011	0.013	0.013

22980	0.011	0.011	0.012	0.013	0.014
23040	0.016	0.017	0.019	0.032	0.036
23100	0.011	0.011	0.011	0.013	0.015
23160	0.011	0.011	0.012	0.014	0.015
23220	0.011	0.011	0.012	0.014	0.014
23280	0.012	0.012	0.013	0.016	0.018
23340	0.011	0.011	0.012	0.015	0.017
23400	0.01	0.01	0.01	0.012	0.012
23460	0.012	0.012	0.013	0.014	0.014
23520	0.01	0.01	0.011	0.012	0.012
23580	0.009	0.01	0.01	0.012	0.012
23640	0.012	0.013	0.014	0.021	0.025
23700	0.011	0.011	0.012	0.014	0.015
23760	0.011	0.011	0.012	0.013	0.013
23820	0.01	0.01	0.011	0.012	0.013
23880	0.01	0.01	0.01	0.011	0.012
23940	0.011	0.011	0.012	0.016	0.017
24000	0.01	0.01	0.011	0.012	0.013
24060	0.012	0.013	0.014	0.018	0.022
24120	0.016	0.016	0.018	0.028	0.031
24180	0.009	0.01	0.01	0.011	0.011
24240	0.009	0.01	0.01	0.011	0.012
24300	0.009	0.01	0.01	0.011	0.012
24360	0.01	0.01	0.011	0.012	0.012
24420	0.01	0.01	0.01	0.012	0.013
24480	0.035	0.036	0.037	0.053	0.067
24540	0.01	0.011	0.011	0.013	0.014
24600	0.01	0.01	0.011	0.012	0.012
24660	0.009	0.009	0.009	0.01	0.01
24720	0.01	0.01	0.011	0.014	0.014
24780	0.009	0.009	0.009	0.013	0.014
24840	0.01	0.011	0.011	0.015	0.016
24900	0.009	0.009	0.009	0.011	0.012
24960	0.008	0.009	0.009	0.011	0.011
25020	0.059	0.062	0.075	0.154	0.178
25080	0.017	0.018	0.02	0.034	0.037
25140	0.013	0.014	0.016	0.024	0.027
25200	0.016	0.016	0.018	0.029	0.034
25260	0.015	0.015	0.017	0.026	0.033
25320	0.009	0.01	0.01	0.013	0.013
25380	0.01	0.01	0.011	0.013	0.014
25440	0.013	0.013	0.014	0.018	0.02
25500	0.016	0.017	0.018	0.025	0.028
25560	0.018	0.019	0.021	0.032	0.036
25620	0.01	0.011	0.011	0.013	0.015
25680	0.015	0.016	0.018	0.028	0.031
25740	0.039	0.039	0.04	0.049	0.058
25800	0.011	0.011	0.012	0.016	0.018
25860	0.013	0.014	0.016	0.024	0.029
25920	0.009	0.009	0.01	0.011	0.013
25980	0.008	0.008	0.009	0.01	0.01
26040	0.014	0.014	0.015	0.023	0.025
26100	0.028	0.03	0.034	0.058	0.067
26160	0.009	0.01	0.01	0.013	0.013
26220	0.009	0.009	0.01	0.012	0.012
26280	0.008	0.009	0.009	0.01	0.01
26340	0.009	0.01	0.01	0.012	0.012
26400	0.009	0.01	0.01	0.011	0.011
26460	0.013	0.013	0.014	0.022	0.029
26520	0.01	0.01	0.011	0.013	0.014
26580	0.008	0.008	0.009	0.01	0.01
26640	0.009	0.009	0.009	0.011	0.011
26700	0.008	0.008	0.009	0.01	0.01
26760	0.009	0.009	0.009	0.011	0.011
26820	0.008	0.008	0.009	0.01	0.011
26880	0.026	0.027	0.032	0.06	0.067
26940	0.008	0.008	0.009	0.011	0.012
27000	0.008	0.008	0.008	0.01	0.01
27060	0.008	0.009	0.009	0.011	0.012
27120	0.029	0.03	0.035	0.064	0.073
27180	0.012	0.013	0.014	0.021	0.024
27240	0.01	0.01	0.011	0.013	0.014
27300	0.008	0.009	0.009	0.011	0.011
27360	0.009	0.009	0.01	0.011	0.011
27420	0.009	0.009	0.009	0.011	0.011
27480	0.013	0.014	0.015	0.025	0.029
27540	0.011	0.012	0.013	0.02	0.022
27600	0.009	0.009	0.01	0.014	0.015
27660	0.009	0.009	0.009	0.011	0.012
27720	0.013	0.013	0.015	0.025	0.027

Client: National Grid
Location: Metro-Lowe's
Date: 10/3/11
Field Personnel:

Project: _____
Project Number: _____
Weather: _____
Ambient Noise: _____

Community Air Monitoring Plan / Noise Field Log

=====Event #5 information (begin)=====

[Event #5 name:]-[Event #5]2011-10-03 09:31-->2011-10-03 14:23

[Event start time:]-2011-10-03 09:31:46[Event end time:]-2011-10-03 14:23:46

=====Event #5 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-904624

Data Points: 292 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

Sensor Information : PID-Min(ppm)PID-Avg(ppm)PID-Max(ppm)

Measurement Gas : Isobutene

Calibration Time : 2011-10-03 07:27:002011-10-03 07:27:002011-10-03 07:27:00

Drift Value : --- --- ---

Low Alarm Levels : 50.000 50.000 50.000

High Alarm Levels : 100.000 100.000 100.000

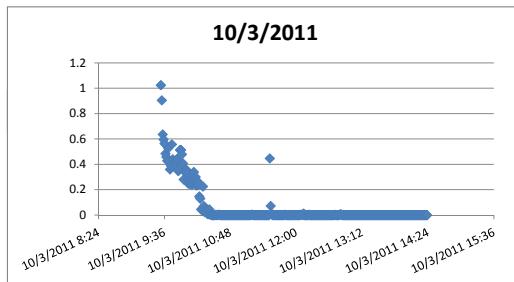
Span Value : 100.000 100.000 100.000

Correction Factor : 1.00 1.00 1.00

Over Alarm Levels : 150000.000 150000.000 150000.000

=====Event #5 data informations=====

LINE#	Date/Time	PID-Max(ppm)	PID-Min(ppm)	PID-Avg(ppm)
1	10/3/2011 9:32	1.024	0.263	0.889
2	10/3/2011 9:33	0.905	0.629	0.755
3	10/3/2011 9:34	0.636	0.519	0.569
4	10/3/2011 9:35	0.596	0.545	0.563
5	10/3/2011 9:36	0.564	0.467	0.529
6	10/3/2011 9:37	0.485	0.423	0.451
7	10/3/2011 9:38	0.458	0.39	0.412
8	10/3/2011 9:39	0.428	0.378	0.403
9	10/3/2011 9:40	0.528	0.375	0.404
10	10/3/2011 9:41	0.419	0.337	0.374
11	10/3/2011 9:42	0.36	0.33	0.344
12	10/3/2011 9:43	0.389	0.34	0.361
13	10/3/2011 9:44	0.558	0.39	0.486
14	10/3/2011 9:45	0.44	0.376	0.399
15	10/3/2011 9:46	0.415	0.376	0.393
16	10/3/2011 9:47	0.403	0.35	0.371
17	10/3/2011 9:48	0.394	0.349	0.361
18	10/3/2011 9:49	0.435	0.359	0.392
19	10/3/2011 9:50	0.444	0.294	0.368
20	10/3/2011 9:51	0.348	0.241	0.278
21	10/3/2011 9:52	0.358	0.274	0.318
22	10/3/2011 9:53	0.513	0.269	0.305
23	10/3/2011 9:54	0.513	0.363	0.399
24	10/3/2011 9:55	0.479	0.365	0.429
25	10/3/2011 9:56	0.409	0.246	0.299
26	10/3/2011 9:57	0.281	0.247	0.256
27	10/3/2011 9:58	0.341	0.281	0.304
28	10/3/2011 9:59	0.361	0.299	0.326
29	10/3/2011 10:00	0.356	0.25	0.285
30	10/3/2011 10:01	0.331	0.226	0.262
31	10/3/2011 10:02	0.248	0.185	0.212
32	10/3/2011 10:03	0.268	0.175	0.21
33	10/3/2011 10:04	0.245	0.172	0.204
34	10/3/2011 10:05	0.295	0.198	0.25
35	10/3/2011 10:06	0.239	0.197	0.216
36	10/3/2011 10:07	0.315	0.226	0.268
37	10/3/2011 10:08	0.339	0.246	0.29
38	10/3/2011 10:09	0.246	0.2	0.219
39	10/3/2011 10:10	0.3	0.175	0.234
40	10/3/2011 10:11	0.234	0.188	0.204
41	10/3/2011 10:12	0.266	0.202	0.235
42	10/3/2011 10:13	0.24	0.132	0.189
43	10/3/2011 10:14	0.147	0.123	0.134
44	10/3/2011 10:15	0.13	0.046	0.085
45	10/3/2011 10:16	0.046	0.027	0.035
46	10/3/2011 10:17	0.037	0.018	0.028
47	10/3/2011 10:18	0.226	0.02	0.045
48	10/3/2011 10:19	0.07	0.004	0.029



49	10/3/2011 10:20	0.023	0	0.012
50	10/3/2011 10:21	0.054	0.026	0.037
51	10/3/2011 10:22	0.03	0.004	0.015
52	10/3/2011 10:23	0.009	0	0.002
53	10/3/2011 10:24	0.007	0	0.003
54	10/3/2011 10:25	0.044	0	0.004
55	10/3/2011 10:26	0.005	0	0
56	10/3/2011 10:27	0.001	0	0
57	10/3/2011 10:28	0	0	0
58	10/3/2011 10:29	0	0	0
59	10/3/2011 10:30	0	0	0
60	10/3/2011 10:31	0	0	0
61	10/3/2011 10:32	0.001	0	0
62	10/3/2011 10:33	0.001	0	0
63	10/3/2011 10:34	0	0	0
64	10/3/2011 10:35	0.002	0	0
65	10/3/2011 10:36	0.003	0	0
66	10/3/2011 10:37	0	0	0
67	10/3/2011 10:38	0	0	0
68	10/3/2011 10:39	0	0	0
69	10/3/2011 10:40	0	0	0
70	10/3/2011 10:41	0	0	0
71	10/3/2011 10:42	0	0	0
72	10/3/2011 10:43	0	0	0
73	10/3/2011 10:44	0	0	0
74	10/3/2011 10:45	0	0	0
75	10/3/2011 10:46	0	0	0
76	10/3/2011 10:47	0	0	0
77	10/3/2011 10:48	0	0	0
78	10/3/2011 10:49	0	0	0
79	10/3/2011 10:50	0	0	0
80	10/3/2011 10:51	0	0	0
81	10/3/2011 10:52	0	0	0
82	10/3/2011 10:53	0	0	0
83	10/3/2011 10:54	0	0	0
84	10/3/2011 10:55	0	0	0
85	10/3/2011 10:56	0	0	0
86	10/3/2011 10:57	0	0	0
87	10/3/2011 10:58	0	0	0
88	10/3/2011 10:59	0	0	0
89	10/3/2011 11:00	0	0	0
90	10/3/2011 11:01	0	0	0
91	10/3/2011 11:02	0	0	0
92	10/3/2011 11:03	0	0	0
93	10/3/2011 11:04	0	0	0
94	10/3/2011 11:05	0	0	0
95	10/3/2011 11:06	0	0	0
96	10/3/2011 11:07	0	0	0
97	10/3/2011 11:08	0	0	0
98	10/3/2011 11:09	0	0	0
99	10/3/2011 11:10	0	0	0
100	10/3/2011 11:11	0.002	0	0
101	10/3/2011 11:12	0.002	0	0
102	10/3/2011 11:13	0	0	0
103	10/3/2011 11:14	0	0	0
104	10/3/2011 11:15	0	0	0
105	10/3/2011 11:16	0	0	0
106	10/3/2011 11:17	0	0	0
107	10/3/2011 11:18	0	0	0
108	10/3/2011 11:19	0	0	0
109	10/3/2011 11:20	0	0	0
110	10/3/2011 11:21	0.001	0	0
111	10/3/2011 11:22	0	0	0
112	10/3/2011 11:23	0	0	0
113	10/3/2011 11:24	0	0	0
114	10/3/2011 11:25	0	0	0
115	10/3/2011 11:26	0	0	0
116	10/3/2011 11:27	0	0	0
117	10/3/2011 11:28	0	0	0

118	10/3/2011 11:29	0	0	0
119	10/3/2011 11:30	0	0	0
120	10/3/2011 11:31	0.447	0	0.108
121	10/3/2011 11:32	0.072	0	0.017
122	10/3/2011 11:33	0.007	0	0
123	10/3/2011 11:34	0	0	0
124	10/3/2011 11:35	0.002	0	0
125	10/3/2011 11:36	0	0	0
126	10/3/2011 11:37	0	0	0
127	10/3/2011 11:38	0	0	0
128	10/3/2011 11:39	0	0	0
129	10/3/2011 11:40	0	0	0
130	10/3/2011 11:41	0	0	0
131	10/3/2011 11:42	0	0	0
132	10/3/2011 11:43	0	0	0
133	10/3/2011 11:44	0	0	0
134	10/3/2011 11:45	0	0	0
135	10/3/2011 11:46	0	0	0
136	10/3/2011 11:47	0.002	0	0
137	10/3/2011 11:48	0.001	0	0
138	10/3/2011 11:49	0	0	0
139	10/3/2011 11:50	0	0	0
140	10/3/2011 11:51	0	0	0
141	10/3/2011 11:52	0	0	0
142	10/3/2011 11:53	0	0	0
143	10/3/2011 11:54	0	0	0
144	10/3/2011 11:55	0	0	0
145	10/3/2011 11:56	0	0	0
146	10/3/2011 11:57	0	0	0
147	10/3/2011 11:58	0.001	0	0
148	10/3/2011 11:59	0	0	0
149	10/3/2011 12:00	0	0	0
150	10/3/2011 12:01	0	0	0
151	10/3/2011 12:02	0	0	0
152	10/3/2011 12:03	0	0	0
153	10/3/2011 12:04	0	0	0
154	10/3/2011 12:05	0.004	0	0
155	10/3/2011 12:06	0.003	0	0
156	10/3/2011 12:07	0	0	0
157	10/3/2011 12:08	0.012	0	0
158	10/3/2011 12:09	0	0	0
159	10/3/2011 12:10	0	0	0
160	10/3/2011 12:11	0	0	0
161	10/3/2011 12:12	0	0	0
162	10/3/2011 12:13	0	0	0
163	10/3/2011 12:14	0.004	0	0
164	10/3/2011 12:15	0	0	0
165	10/3/2011 12:16	0	0	0
166	10/3/2011 12:17	0	0	0
167	10/3/2011 12:18	0	0	0
168	10/3/2011 12:19	0	0	0
169	10/3/2011 12:20	0	0	0
170	10/3/2011 12:21	0	0	0
171	10/3/2011 12:22	0	0	0
172	10/3/2011 12:23	0	0	0
173	10/3/2011 12:24	0	0	0
174	10/3/2011 12:25	0	0	0
175	10/3/2011 12:26	0	0	0
176	10/3/2011 12:27	0	0	0
177	10/3/2011 12:28	0	0	0
178	10/3/2011 12:29	0	0	0
179	10/3/2011 12:30	0	0	0
180	10/3/2011 12:31	0	0	0
181	10/3/2011 12:32	0	0	0
182	10/3/2011 12:33	0	0	0
183	10/3/2011 12:34	0	0	0
184	10/3/2011 12:35	0	0	0
185	10/3/2011 12:36	0	0	0
186	10/3/2011 12:37	0	0	0

187	10/3/2011 12:38	0	0	0
188	10/3/2011 12:39	0	0	0
189	10/3/2011 12:40	0	0	0
190	10/3/2011 12:41	0	0	0
191	10/3/2011 12:42	0.001	0	0
192	10/3/2011 12:43	0.001	0	0
193	10/3/2011 12:44	0	0	0
194	10/3/2011 12:45	0	0	0
195	10/3/2011 12:46	0	0	0
196	10/3/2011 12:47	0	0	0
197	10/3/2011 12:48	0.006	0	0
198	10/3/2011 12:49	0.005	0	0
199	10/3/2011 12:50	0	0	0
200	10/3/2011 12:51	0	0	0
201	10/3/2011 12:52	0	0	0
202	10/3/2011 12:53	0	0	0
203	10/3/2011 12:54	0	0	0
204	10/3/2011 12:55	0	0	0
205	10/3/2011 12:56	0	0	0
206	10/3/2011 12:57	0	0	0
207	10/3/2011 12:58	0	0	0
208	10/3/2011 12:59	0	0	0
209	10/3/2011 13:00	0	0	0
210	10/3/2011 13:01	0	0	0
211	10/3/2011 13:02	0	0	0
212	10/3/2011 13:03	0	0	0
213	10/3/2011 13:04	0	0	0
214	10/3/2011 13:05	0	0	0
215	10/3/2011 13:06	0	0	0
216	10/3/2011 13:07	0	0	0
217	10/3/2011 13:08	0	0	0
218	10/3/2011 13:09	0	0	0
219	10/3/2011 13:10	0	0	0
220	10/3/2011 13:11	0	0	0
221	10/3/2011 13:12	0	0	0
222	10/3/2011 13:13	0	0	0
223	10/3/2011 13:14	0	0	0
224	10/3/2011 13:15	0	0	0
225	10/3/2011 13:16	0	0	0
226	10/3/2011 13:17	0	0	0
227	10/3/2011 13:18	0	0	0
228	10/3/2011 13:19	0	0	0
229	10/3/2011 13:20	0	0	0
230	10/3/2011 13:21	0	0	0
231	10/3/2011 13:22	0	0	0
232	10/3/2011 13:23	0	0	0
233	10/3/2011 13:24	0	0	0
234	10/3/2011 13:25	0	0	0
235	10/3/2011 13:26	0	0	0
236	10/3/2011 13:27	0	0	0
237	10/3/2011 13:28	0	0	0
238	10/3/2011 13:29	0	0	0
239	10/3/2011 13:30	0	0	0
240	10/3/2011 13:31	0	0	0
241	10/3/2011 13:32	0	0	0
242	10/3/2011 13:33	0	0	0
243	10/3/2011 13:34	0	0	0
244	10/3/2011 13:35	0	0	0
245	10/3/2011 13:36	0	0	0
246	10/3/2011 13:37	0	0	0
247	10/3/2011 13:38	0	0	0
248	10/3/2011 13:39	0	0	0
249	10/3/2011 13:40	0	0	0
250	10/3/2011 13:41	0	0	0
251	10/3/2011 13:42	0	0	0
252	10/3/2011 13:43	0	0	0
253	10/3/2011 13:44	0	0	0
254	10/3/2011 13:45	0	0	0
255	10/3/2011 13:46	0	0	0

256	10/3/2011 13:47	0	0	0
257	10/3/2011 13:48	0	0	0
258	10/3/2011 13:49	0	0	0
259	10/3/2011 13:50	0	0	0
260	10/3/2011 13:51	0	0	0
261	10/3/2011 13:52	0	0	0
262	10/3/2011 13:53	0	0	0
263	10/3/2011 13:54	0	0	0
264	10/3/2011 13:55	0	0	0
265	10/3/2011 13:56	0	0	0
266	10/3/2011 13:57	0	0	0
267	10/3/2011 13:58	0	0	0
268	10/3/2011 13:59	0	0	0
269	10/3/2011 14:00	0	0	0
270	10/3/2011 14:01	0	0	0
271	10/3/2011 14:02	0	0	0
272	10/3/2011 14:03	0	0	0
273	10/3/2011 14:04	0	0	0
274	10/3/2011 14:05	0	0	0
275	10/3/2011 14:06	0	0	0
276	10/3/2011 14:07	0	0	0
277	10/3/2011 14:08	0	0	0
278	10/3/2011 14:09	0	0	0
279	10/3/2011 14:10	0	0	0
280	10/3/2011 14:11	0	0	0
281	10/3/2011 14:12	0	0	0
282	10/3/2011 14:13	0	0	0
283	10/3/2011 14:14	0	0	0
284	10/3/2011 14:15	0	0	0
285	10/3/2011 14:16	0	0	0
286	10/3/2011 14:17	0	0	0
287	10/3/2011 14:18	0	0	0
288	10/3/2011 14:19	0	0	0
289	10/3/2011 14:20	0	0	0
290	10/3/2011 14:21	0	0	0
291	10/3/2011 14:22	0	0	0
292	10/3/2011 14:23	0	0	0

=====Event #5 information (end)=====

=====Event #5 information (begin)=====

[Event #5 name:]-[Event #5]2011-10-03 09:46<->2011-10-03 14:33
[Event start time:]-2011-10-03 09:46:54[Event end time:]-2011-10-03 14:33:54

=====Event #5 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905367

Data Points: 287 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====

Sensor Information : PID(ppb)

Measurement Gas : Isobutene

Calibration Time : 2011-10-03 07:37:00

Drift Value : --

Low Alarm Levels : 25847

High Alarm Levels : 51694

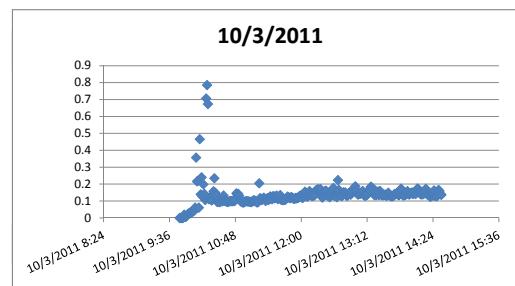
Span Value : 100000

Correction Factor : 1.00

Over Alarm Levels : 15000000

=====Event #5 data informations=====

LINE#	Date/Time	PID(ppm)	PID(ppb)
1	10/3/2011 9:47 0	0	0
2	10/3/2011 9:48 0	0	0
3	10/3/2011 9:49 0	0	0
4	10/3/2011 9:50 0	0	0
5	10/3/2011 9:51 0.002	2	0
6	10/3/2011 9:52 0.02	20	0
7	10/3/2011 9:53 0.006	6	0
8	10/3/2011 9:54 0.008	8	0
9	10/3/2011 9:55 0.014	14	0
10	10/3/2011 9:56 0.023	23	0
11	10/3/2011 9:57 0.026	26	0
12	10/3/2011 9:58 0.031	31	0
13	10/3/2011 9:59 0.028	28	0
14	10/3/2011 10:00 0.034	34	0
15	10/3/2011 10:01 0.038	38	0
16	10/3/2011 10:02 0.039	39	0
17	10/3/2011 10:03 0.045	45	0
18	10/3/2011 10:04 0.061	61	0
19	10/3/2011 10:05 0.357	357	0
20	10/3/2011 10:06 0.216	216	0
21	10/3/2011 10:07 0.22	220	0
22	10/3/2011 10:08 0.061	61	0
23	10/3/2011 10:09 0.466	466	0
24	10/3/2011 10:10 0.14	140	0
25	10/3/2011 10:11 0.24	240	0
26	10/3/2011 10:12 0.127	127	0
27	10/3/2011 10:13 0.199	199	0
28	10/3/2011 10:14 0.143	143	0
29	10/3/2011 10:15 0.107	107	0
30	10/3/2011 10:16 0.707	707	0
31	10/3/2011 10:17 0.786	786	0
32	10/3/2011 10:18 0.674	674	0
33	10/3/2011 10:19 0.111	111	0
34	10/3/2011 10:20 0.12	120	0
35	10/3/2011 10:21 0.123	123	0
36	10/3/2011 10:22 0.104	104	0
37	10/3/2011 10:23 0.135	135	0
38	10/3/2011 10:24 0.158	158	0
39	10/3/2011 10:25 0.235	235	0
40	10/3/2011 10:26 0.149	149	0
41	10/3/2011 10:27 0.134	134	0
42	10/3/2011 10:28 0.095	95	0
43	10/3/2011 10:29 0.095	95	0
44	10/3/2011 10:30 0.098	98	0
45	10/3/2011 10:31 0.093	93	0
46	10/3/2011 10:32 0.109	109	0
47	10/3/2011 10:33 0.099	99	0
48	10/3/2011 10:34 0.099	99	0



49	10/3/2011 10:35	0.133	133
50	10/3/2011 10:36	0.103	103
51	10/3/2011 10:37	0.1	100
52	10/3/2011 10:38	0.097	97
53	10/3/2011 10:39	0.096	96
54	10/3/2011 10:40	0.094	94
55	10/3/2011 10:41	0.099	99
56	10/3/2011 10:42	0.099	99
57	10/3/2011 10:43	0.1	100
58	10/3/2011 10:44	0.099	99
59	10/3/2011 10:45	0.099	99
60	10/3/2011 10:46	0.103	103
61	10/3/2011 10:47	0.1	100
62	10/3/2011 10:48	0.11	110
63	10/3/2011 10:49	0.146	146
64	10/3/2011 10:50	0.139	139
65	10/3/2011 10:51	0.143	143
66	10/3/2011 10:52	0.132	132
67	10/3/2011 10:53	0.11	110
68	10/3/2011 10:54	0.097	97
69	10/3/2011 10:55	0.098	98
70	10/3/2011 10:56	0.091	91
71	10/3/2011 10:57	0.091	91
72	10/3/2011 10:58	0.096	96
73	10/3/2011 10:59	0.098	98
74	10/3/2011 11:00	0.1	100
75	10/3/2011 11:01	0.098	98
76	10/3/2011 11:02	0.098	98
77	10/3/2011 11:03	0.097	97
78	10/3/2011 11:04	0.095	95
79	10/3/2011 11:05	0.093	93
80	10/3/2011 11:06	0.097	97
81	10/3/2011 11:07	0.098	98
82	10/3/2011 11:08	0.105	105
83	10/3/2011 11:09	0.102	102
84	10/3/2011 11:10	0.101	101
85	10/3/2011 11:11	0.093	93
86	10/3/2011 11:12	0.092	92
87	10/3/2011 11:13	0.094	94
88	10/3/2011 11:14	0.205	205
89	10/3/2011 11:15	0.117	117
90	10/3/2011 11:16	0.11	110
91	10/3/2011 11:17	0.107	107
92	10/3/2011 11:18	0.113	113
93	10/3/2011 11:19	0.12	120
94	10/3/2011 11:20	0.107	107
95	10/3/2011 11:21	0.101	101
96	10/3/2011 11:22	0.111	111
97	10/3/2011 11:23	0.117	117
98	10/3/2011 11:24	0.107	107
99	10/3/2011 11:25	0.11	110
100	10/3/2011 11:26	0.128	128
101	10/3/2011 11:27	0.116	116
102	10/3/2011 11:28	0.11	110
103	10/3/2011 11:29	0.129	129
104	10/3/2011 11:30	0.129	129
105	10/3/2011 11:31	0.116	116
106	10/3/2011 11:32	0.124	124
107	10/3/2011 11:33	0.132	132
108	10/3/2011 11:34	0.114	114
109	10/3/2011 11:35	0.112	112
110	10/3/2011 11:36	0.13	130
111	10/3/2011 11:37	0.135	135
112	10/3/2011 11:38	0.108	108
113	10/3/2011 11:39	0.107	107
114	10/3/2011 11:40	0.106	106
115	10/3/2011 11:41	0.11	110
116	10/3/2011 11:42	0.107	107
117	10/3/2011 11:43	0.11	110

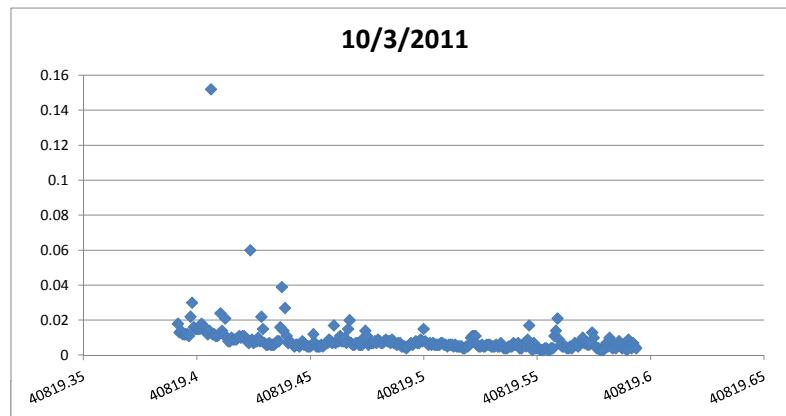
118	10/3/2011 11:44	0.117	117
119	10/3/2011 11:45	0.127	127
120	10/3/2011 11:46	0.123	123
121	10/3/2011 11:47	0.118	118
122	10/3/2011 11:48	0.118	118
123	10/3/2011 11:49	0.124	124
124	10/3/2011 11:50	0.12	120
125	10/3/2011 11:51	0.116	116
126	10/3/2011 11:52	0.113	113
127	10/3/2011 11:53	0.114	114
128	10/3/2011 11:54	0.119	119
129	10/3/2011 11:55	0.116	116
130	10/3/2011 11:56	0.12	120
131	10/3/2011 11:57	0.12	120
132	10/3/2011 11:58	0.13	130
133	10/3/2011 11:59	0.128	128
134	10/3/2011 12:00	0.135	135
135	10/3/2011 12:01	0.119	119
136	10/3/2011 12:02	0.121	121
137	10/3/2011 12:03	0.136	136
138	10/3/2011 12:04	0.156	156
139	10/3/2011 12:05	0.144	144
140	10/3/2011 12:06	0.127	127
141	10/3/2011 12:07	0.126	126
142	10/3/2011 12:08	0.138	138
143	10/3/2011 12:09	0.159	159
144	10/3/2011 12:10	0.142	142
145	10/3/2011 12:11	0.131	131
146	10/3/2011 12:12	0.132	132
147	10/3/2011 12:13	0.13	130
148	10/3/2011 12:14	0.133	133
149	10/3/2011 12:15	0.14	140
150	10/3/2011 12:16	0.164	164
151	10/3/2011 12:17	0.164	164
152	10/3/2011 12:18	0.17	170
153	10/3/2011 12:19	0.169	169
154	10/3/2011 12:20	0.165	165
155	10/3/2011 12:21	0.171	171
156	10/3/2011 12:22	0.141	141
157	10/3/2011 12:23	0.121	121
158	10/3/2011 12:24	0.131	131
159	10/3/2011 12:25	0.152	152
160	10/3/2011 12:26	0.16	160
161	10/3/2011 12:27	0.161	161
162	10/3/2011 12:28	0.136	136
163	10/3/2011 12:29	0.131	131
164	10/3/2011 12:30	0.131	131
165	10/3/2011 12:31	0.123	123
166	10/3/2011 12:32	0.134	134
167	10/3/2011 12:33	0.141	141
168	10/3/2011 12:34	0.166	166
169	10/3/2011 12:35	0.178	178
170	10/3/2011 12:36	0.131	131
171	10/3/2011 12:37	0.131	131
172	10/3/2011 12:38	0.13	130
173	10/3/2011 12:39	0.123	123
174	10/3/2011 12:40	0.224	224
175	10/3/2011 12:41	0.166	166
176	10/3/2011 12:42	0.141	141
177	10/3/2011 12:43	0.133	133
178	10/3/2011 12:44	0.129	129
179	10/3/2011 12:45	0.133	133
180	10/3/2011 12:46	0.152	152
181	10/3/2011 12:47	0.146	146
182	10/3/2011 12:48	0.151	151
183	10/3/2011 12:49	0.135	135
184	10/3/2011 12:50	0.13	130
185	10/3/2011 12:51	0.136	136
186	10/3/2011 12:52	0.148	148

187	10/3/2011 12:53	0.146	146
188	10/3/2011 12:54	0.138	138
189	10/3/2011 12:55	0.15	150
190	10/3/2011 12:56	0.161	161
191	10/3/2011 12:57	0.174	174
192	10/3/2011 12:58	0.173	173
193	10/3/2011 12:59	0.187	187
194	10/3/2011 13:00	0.164	164
195	10/3/2011 13:01	0.144	144
196	10/3/2011 13:02	0.138	138
197	10/3/2011 13:03	0.143	143
198	10/3/2011 13:04	0.143	143
199	10/3/2011 13:05	0.144	144
200	10/3/2011 13:06	0.151	151
201	10/3/2011 13:07	0.16	160
202	10/3/2011 13:08	0.137	137
203	10/3/2011 13:09	0.133	133
204	10/3/2011 13:10	0.131	131
205	10/3/2011 13:11	0.14	140
206	10/3/2011 13:12	0.137	137
207	10/3/2011 13:13	0.148	148
208	10/3/2011 13:14	0.168	168
209	10/3/2011 13:15	0.164	164
210	10/3/2011 13:16	0.185	185
211	10/3/2011 13:17	0.178	178
212	10/3/2011 13:18	0.177	177
213	10/3/2011 13:19	0.164	164
214	10/3/2011 13:20	0.134	134
215	10/3/2011 13:21	0.146	146
216	10/3/2011 13:22	0.135	135
217	10/3/2011 13:23	0.146	146
218	10/3/2011 13:24	0.157	157
219	10/3/2011 13:25	0.135	135
220	10/3/2011 13:26	0.16	160
221	10/3/2011 13:27	0.147	147
222	10/3/2011 13:28	0.135	135
223	10/3/2011 13:29	0.134	134
224	10/3/2011 13:30	0.135	135
225	10/3/2011 13:31	0.137	137
226	10/3/2011 13:32	0.138	138
227	10/3/2011 13:33	0.13	130
228	10/3/2011 13:34	0.134	134
229	10/3/2011 13:35	0.149	149
230	10/3/2011 13:36	0.142	142
231	10/3/2011 13:37	0.131	131
232	10/3/2011 13:38	0.128	128
233	10/3/2011 13:39	0.129	129
234	10/3/2011 13:40	0.128	128
235	10/3/2011 13:41	0.131	131
236	10/3/2011 13:42	0.143	143
237	10/3/2011 13:43	0.142	142
238	10/3/2011 13:44	0.145	145
239	10/3/2011 13:45	0.145	145
240	10/3/2011 13:46	0.136	136
241	10/3/2011 13:47	0.136	136
242	10/3/2011 13:48	0.143	143
243	10/3/2011 13:49	0.173	173
244	10/3/2011 13:50	0.159	159
245	10/3/2011 13:51	0.134	134
246	10/3/2011 13:52	0.133	133
247	10/3/2011 13:53	0.136	136
248	10/3/2011 13:54	0.137	137
249	10/3/2011 13:55	0.146	146
250	10/3/2011 13:56	0.159	159
251	10/3/2011 13:57	0.141	141
252	10/3/2011 13:58	0.139	139
253	10/3/2011 13:59	0.144	144
254	10/3/2011 14:00	0.148	148
255	10/3/2011 14:01	0.151	151

256	10/3/2011 14:02	0.142	142
257	10/3/2011 14:03	0.144	144
258	10/3/2011 14:04	0.155	155
259	10/3/2011 14:05	0.142	142
260	10/3/2011 14:06	0.165	165
261	10/3/2011 14:07	0.174	174
262	10/3/2011 14:08	0.17	170
263	10/3/2011 14:09	0.153	153
264	10/3/2011 14:10	0.143	143
265	10/3/2011 14:11	0.139	139
266	10/3/2011 14:12	0.141	141
267	10/3/2011 14:13	0.141	141
268	10/3/2011 14:14	0.145	145
269	10/3/2011 14:15	0.155	155
270	10/3/2011 14:16	0.173	173
271	10/3/2011 14:17	0.141	141
272	10/3/2011 14:18	0.141	141
273	10/3/2011 14:19	0.135	135
274	10/3/2011 14:20	0.132	132
275	10/3/2011 14:21	0.125	125
276	10/3/2011 14:22	0.13	130
277	10/3/2011 14:23	0.141	141
278	10/3/2011 14:24	0.132	132
279	10/3/2011 14:25	0.163	163
280	10/3/2011 14:26	0.131	131
281	10/3/2011 14:27	0.133	133
282	10/3/2011 14:28	0.128	128
283	10/3/2011 14:29	0.134	134
284	10/3/2011 14:30	0.166	166
285	10/3/2011 14:31	0.159	159
286	10/3/2011 14:32	0.142	142
287	10/3/2011 14:33	0.137	137

=====Event #5 information (end)=====

Instrument Name DustTrak DRX
 Model Number 8533
 Serial Number 8533101806
 Firmware Version 2.8
 Calibration Date 5/19/2011
 Test Name MANUAL_002
 Test Start Time 9:22:50 AM
 Test Start Date 10/3/2011
 Test Length [D:H:M] 0:04:52
 Test Interval [M:S] 1:00
 PM1 Average [mg/m³] 0.008
 PM1 Minimum [mg] 0.003
 PM1 Maximum [mg] 0.149
 PM1 TWA [mg/m³] 0.005
 PM2.5 Average [mg] 0.008
 PM2.5 Minimum [n] 0.003
 PM2.5 Maximum [r] 0.149
 PM2.5 TWA [mg/m] 0.005
 PM4 Average [mg/m³] 0.008
 PM4 Minimum [mg] 0.003
 PM4 Maximum [mg] 0.15
 PM4 TWA [mg/m³] 0.005
 PM10 Average [mg] 0.009
 PM10 Minimum [m] 0.003
 PM10 Maximum [r] 0.151
 PM10 TWA [mg/m³] 0.005
 TOTAL Average [mg] 0.009
 TOTAL Minimum [n] 0.003
 TOTAL Maximum [r] 0.152
 TOTAL TWA [mg/m] 0.005
 Photometric User C 1
 Size Correction Use 1
 Flow User Cal 1
 Errors
 Number of Samples: 292



Elapsed Time [s]	PM1 [mg/m ³]	PM2.5 [mg/m ³]	PM4 [mg/m ³]	PM10 [mg/m ³]	9:22:50 AM	Time/Date	TOTAL [mg/m ³]	Alarms	Errors
60	0.015	0.015	0.015	0.017	9:23:50 AM	10/3/2011 9:23	0.018		
120	0.013	0.013	0.013	0.013	9:24:50 AM	10/3/2011 9:24	0.013		
180	0.014	0.014	0.014	0.014	9:25:50 AM	10/3/2011 9:25	0.014		
240	0.012	0.012	0.012	0.012	9:26:50 AM	10/3/2011 9:26	0.012		
300	0.011	0.011	0.011	0.012	9:27:50 AM	10/3/2011 9:27	0.012		
360	0.011	0.011	0.011	0.012	9:28:50 AM	10/3/2011 9:28	0.012		
420	0.011	0.012	0.012	0.012	9:29:50 AM	10/3/2011 9:29	0.012		
480	0.01	0.01	0.01	0.01	9:30:50 AM	10/3/2011 9:30	0.011		
540	0.021	0.021	0.021	0.022	9:31:50 AM	10/3/2011 9:31	0.022		
600	0.029	0.029	0.029	0.03	9:32:50 AM	10/3/2011 9:32	0.03		
660	0.015	0.015	0.015	0.016	9:33:50 AM	10/3/2011 9:33	0.016		
720	0.015	0.015	0.015	0.015	9:34:50 AM	10/3/2011 9:34	0.015		
780	0.015	0.015	0.015	0.015	9:35:50 AM	10/3/2011 9:35	0.015		
840	0.014	0.014	0.014	0.015	9:36:50 AM	10/3/2011 9:36	0.015		
900	0.014	0.015	0.015	0.015	9:37:50 AM	10/3/2011 9:37	0.015		
960	0.016	0.017	0.017	0.018	9:38:50 AM	10/3/2011 9:38	0.018		
1020	0.015	0.015	0.015	0.015	9:39:50 AM	10/3/2011 9:39	0.015		
1080	0.016	0.016	0.016	0.016	9:40:50 AM	10/3/2011 9:40	0.016		
1140	0.012	0.013	0.013	0.013	9:41:50 AM	10/3/2011 9:41	0.013		
1200	0.012	0.012	0.012	0.012	9:42:50 AM	10/3/2011 9:42	0.012		
1260	0.014	0.014	0.014	0.014	9:43:50 AM	10/3/2011 9:43	0.014		

1320	0.149	0.149	0.15	0.151	9:44:50 AM	10/3/2011 9:44	0.152
1380	0.012	0.012	0.012	0.012	9:45:50 AM	10/3/2011 9:45	0.012
1440	0.012	0.012	0.012	0.012	9:46:50 AM	10/3/2011 9:46	0.012
1500	0.011	0.011	0.011	0.011	9:47:50 AM	10/3/2011 9:47	0.011
1560	0.011	0.011	0.011	0.011	9:48:50 AM	10/3/2011 9:48	0.011
1620	0.011	0.011	0.012	0.012	9:49:50 AM	10/3/2011 9:49	0.012
1680	0.022	0.022	0.022	0.023	9:50:50 AM	10/3/2011 9:50	0.024
1740	0.013	0.013	0.013	0.013	9:51:50 AM	10/3/2011 9:51	0.014
1800	0.012	0.012	0.012	0.012	9:52:50 AM	10/3/2011 9:52	0.012
1860	0.02	0.02	0.02	0.021	9:53:50 AM	10/3/2011 9:53	0.021
1920	0.009	0.009	0.009	0.01	9:54:50 AM	10/3/2011 9:54	0.01
1980	0.008	0.008	0.008	0.008	9:55:50 AM	10/3/2011 9:55	0.008
2040	0.008	0.008	0.008	0.008	9:56:50 AM	10/3/2011 9:56	0.008
2100	0.009	0.01	0.01	0.01	9:57:50 AM	10/3/2011 9:57	0.01
2160	0.009	0.009	0.009	0.009	9:58:50 AM	10/3/2011 9:58	0.009
2220	0.009	0.009	0.009	0.009	9:59:50 AM	10/3/2011 9:59	0.009
2280	0.009	0.009	0.009	0.009	10:00:50 AM	10/3/2011 10:00	0.009
2340	0.009	0.009	0.009	0.01	10:01:50 AM	10/3/2011 10:01	0.01
2400	0.01	0.01	0.01	0.011	10:02:50 AM	10/3/2011 10:02	0.011
2460	0.009	0.009	0.009	0.01	10:03:50 AM	10/3/2011 10:03	0.01
2520	0.01	0.01	0.01	0.011	10:04:50 AM	10/3/2011 10:04	0.011
2580	0.01	0.01	0.01	0.01	10:05:50 AM	10/3/2011 10:05	0.011
2640	0.009	0.009	0.009	0.009	10:06:50 AM	10/3/2011 10:06	0.009
2700	0.007	0.007	0.008	0.008	10:07:50 AM	10/3/2011 10:07	0.008
2760	0.007	0.007	0.007	0.007	10:08:50 AM	10/3/2011 10:08	0.007
2820	0.053	0.053	0.054	0.059	10:09:50 AM	10/3/2011 10:09	0.06
2880	0.008	0.008	0.009	0.009	10:10:50 AM	10/3/2011 10:10	0.009
2940	0.007	0.007	0.007	0.007	10:11:50 AM	10/3/2011 10:11	0.007
3000	0.007	0.007	0.007	0.008	10:12:50 AM	10/3/2011 10:12	0.008
3060	0.008	0.008	0.008	0.008	10:13:50 AM	10/3/2011 10:13	0.008
3120	0.01	0.01	0.01	0.01	10:14:50 AM	10/3/2011 10:14	0.01
3180	0.008	0.008	0.008	0.008	10:15:50 AM	10/3/2011 10:15	0.008
3240	0.019	0.02	0.02	0.022	10:16:50 AM	10/3/2011 10:16	0.022
3300	0.014	0.014	0.014	0.015	10:17:50 AM	10/3/2011 10:17	0.015
3360	0.006	0.006	0.006	0.007	10:18:50 AM	10/3/2011 10:18	0.007
3420	0.006	0.006	0.006	0.006	10:19:50 AM	10/3/2011 10:19	0.006
3480	0.006	0.006	0.006	0.006	10:20:50 AM	10/3/2011 10:20	0.006
3540	0.006	0.006	0.007	0.007	10:21:50 AM	10/3/2011 10:21	0.007
3600	0.006	0.006	0.006	0.006	10:22:50 AM	10/3/2011 10:22	0.006
3660	0.006	0.006	0.006	0.006	10:23:50 AM	10/3/2011 10:23	0.006
3720	0.005	0.005	0.005	0.006	10:24:50 AM	10/3/2011 10:24	0.006
3780	0.007	0.007	0.007	0.007	10:25:50 AM	10/3/2011 10:25	0.007
3840	0.007	0.007	0.007	0.008	10:26:50 AM	10/3/2011 10:26	0.008
3900	0.007	0.007	0.007	0.008	10:27:50 AM	10/3/2011 10:27	0.008
3960	0.014	0.014	0.014	0.016	10:28:50 AM	10/3/2011 10:28	0.016
4020	0.032	0.033	0.034	0.038	10:29:50 AM	10/3/2011 10:29	0.039
4080	0.012	0.012	0.013	0.014	10:30:50 AM	10/3/2011 10:30	0.014
4140	0.025	0.025	0.026	0.027	10:31:50 AM	10/3/2011 10:31	0.027
4200	0.011	0.011	0.011	0.011	10:32:50 AM	10/3/2011 10:32	0.011
4260	0.007	0.007	0.007	0.007	10:33:50 AM	10/3/2011 10:33	0.007
4320	0.007	0.007	0.007	0.007	10:34:50 AM	10/3/2011 10:34	0.008
4380	0.006	0.006	0.006	0.007	10:35:50 AM	10/3/2011 10:35	0.007
4440	0.005	0.005	0.005	0.006	10:36:50 AM	10/3/2011 10:36	0.006
4500	0.005	0.005	0.005	0.005	10:37:50 AM	10/3/2011 10:37	0.005
4560	0.005	0.006	0.006	0.006	10:38:50 AM	10/3/2011 10:38	0.006
4620	0.005	0.005	0.005	0.005	10:39:50 AM	10/3/2011 10:39	0.006
4680	0.005	0.005	0.005	0.005	10:40:50 AM	10/3/2011 10:40	0.005
4740	0.005	0.005	0.005	0.006	10:41:50 AM	10/3/2011 10:41	0.006

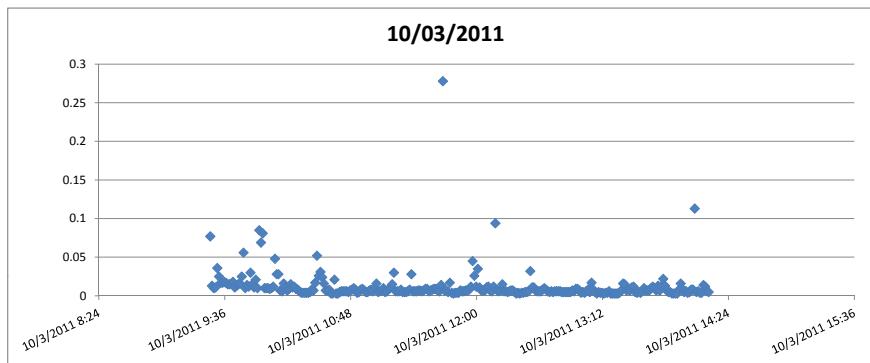
4800	0.007	0.007	0.007	0.008	10:42:50 AM	10/3/2011 10:42	0.008
4860	0.006	0.006	0.006	0.006	10:43:50 AM	10/3/2011 10:43	0.006
4920	0.006	0.006	0.006	0.006	10:44:50 AM	10/3/2011 10:44	0.006
4980	0.005	0.005	0.005	0.005	10:45:50 AM	10/3/2011 10:45	0.005
5040	0.005	0.005	0.005	0.005	10:46:50 AM	10/3/2011 10:46	0.005
5100	0.005	0.005	0.005	0.005	10:47:50 AM	10/3/2011 10:47	0.005
5160	0.006	0.006	0.006	0.006	10:48:50 AM	10/3/2011 10:48	0.006
5220	0.01	0.01	0.01	0.011	10:49:50 AM	10/3/2011 10:49	0.012
5280	0.007	0.007	0.007	0.007	10:50:50 AM	10/3/2011 10:50	0.007
5340	0.005	0.005	0.005	0.005	10:51:50 AM	10/3/2011 10:51	0.005
5400	0.005	0.005	0.005	0.005	10:52:50 AM	10/3/2011 10:52	0.005
5460	0.005	0.005	0.005	0.005	10:53:50 AM	10/3/2011 10:53	0.005
5520	0.006	0.006	0.006	0.006	10:54:50 AM	10/3/2011 10:54	0.006
5580	0.005	0.005	0.005	0.005	10:55:50 AM	10/3/2011 10:55	0.005
5640	0.006	0.006	0.006	0.006	10:56:50 AM	10/3/2011 10:56	0.006
5700	0.006	0.007	0.007	0.007	10:57:50 AM	10/3/2011 10:57	0.007
5760	0.006	0.007	0.007	0.007	10:58:50 AM	10/3/2011 10:58	0.007
5820	0.009	0.009	0.009	0.009	10:59:50 AM	10/3/2011 10:59	0.009
5880	0.008	0.008	0.008	0.008	11:00:50 AM	10/3/2011 11:00	0.008
5940	0.007	0.007	0.007	0.007	11:01:50 AM	10/3/2011 11:01	0.007
6000	0.016	0.016	0.016	0.017	11:02:50 AM	10/3/2011 11:02	0.017
6060	0.007	0.007	0.007	0.007	11:03:50 AM	10/3/2011 11:03	0.007
6120	0.008	0.008	0.008	0.008	11:04:50 AM	10/3/2011 11:04	0.008
6180	0.008	0.008	0.008	0.008	11:05:50 AM	10/3/2011 11:05	0.008
6240	0.011	0.011	0.011	0.011	11:06:50 AM	10/3/2011 11:06	0.011
6300	0.007	0.007	0.007	0.008	11:07:50 AM	10/3/2011 11:07	0.008
6360	0.008	0.008	0.008	0.008	11:08:50 AM	10/3/2011 11:08	0.008
6420	0.01	0.01	0.01	0.01	11:09:50 AM	10/3/2011 11:09	0.01
6480	0.007	0.007	0.007	0.007	11:10:50 AM	10/3/2011 11:10	0.007
6540	0.014	0.014	0.014	0.015	11:11:50 AM	10/3/2011 11:11	0.015
6600	0.017	0.018	0.018	0.02	11:12:50 AM	10/3/2011 11:12	0.02
6660	0.007	0.007	0.007	0.007	11:13:50 AM	10/3/2011 11:13	0.007
6720	0.005	0.006	0.006	0.006	11:14:50 AM	10/3/2011 11:14	0.006
6780	0.006	0.006	0.006	0.006	11:15:50 AM	10/3/2011 11:15	0.006
6840	0.006	0.006	0.006	0.006	11:16:50 AM	10/3/2011 11:16	0.007
6900	0.006	0.006	0.006	0.007	11:17:50 AM	10/3/2011 11:17	0.007
6960	0.006	0.006	0.006	0.006	11:18:50 AM	10/3/2011 11:18	0.006
7020	0.006	0.006	0.006	0.006	11:19:50 AM	10/3/2011 11:19	0.006
7080	0.006	0.006	0.006	0.006	11:20:50 AM	10/3/2011 11:20	0.006
7140	0.008	0.008	0.008	0.009	11:21:50 AM	10/3/2011 11:21	0.01
7200	0.011	0.011	0.012	0.014	11:22:50 AM	10/3/2011 11:22	0.014
7260	0.009	0.01	0.01	0.011	11:23:50 AM	10/3/2011 11:23	0.011
7320	0.006	0.006	0.006	0.006	11:24:50 AM	10/3/2011 11:24	0.006
7380	0.006	0.006	0.006	0.007	11:25:50 AM	10/3/2011 11:25	0.007
7440	0.007	0.007	0.007	0.007	11:26:50 AM	10/3/2011 11:26	0.007
7500	0.007	0.007	0.007	0.007	11:27:50 AM	10/3/2011 11:27	0.007
7560	0.007	0.007	0.007	0.008	11:28:50 AM	10/3/2011 11:28	0.008
7620	0.007	0.007	0.007	0.007	11:29:50 AM	10/3/2011 11:29	0.007
7680	0.009	0.009	0.009	0.009	11:30:50 AM	10/3/2011 11:30	0.009
7740	0.007	0.007	0.008	0.008	11:31:50 AM	10/3/2011 11:31	0.008
7800	0.007	0.007	0.007	0.007	11:32:50 AM	10/3/2011 11:32	0.007
7860	0.007	0.007	0.007	0.007	11:33:50 AM	10/3/2011 11:33	0.007
7920	0.008	0.008	0.008	0.008	11:34:50 AM	10/3/2011 11:34	0.008
7980	0.009	0.009	0.009	0.009	11:35:50 AM	10/3/2011 11:35	0.009
8040	0.008	0.008	0.008	0.008	11:36:50 AM	10/3/2011 11:36	0.008
8100	0.008	0.008	0.008	0.008	11:37:50 AM	10/3/2011 11:37	0.008
8160	0.006	0.006	0.006	0.007	11:38:50 AM	10/3/2011 11:38	0.007
8220	0.008	0.008	0.008	0.009	11:39:50 AM	10/3/2011 11:39	0.009

8280	0.007	0.007	0.007	0.007	11:40:50 AM	10/3/2011 11:40	0.007
8340	0.007	0.007	0.007	0.007	11:41:50 AM	10/3/2011 11:41	0.007
8400	0.006	0.006	0.006	0.006	11:42:50 AM	10/3/2011 11:42	0.006
8460	0.006	0.006	0.007	0.007	11:43:50 AM	10/3/2011 11:43	0.007
8520	0.006	0.007	0.007	0.007	11:44:50 AM	10/3/2011 11:44	0.007
8580	0.005	0.005	0.005	0.005	11:45:50 AM	10/3/2011 11:45	0.005
8640	0.004	0.004	0.005	0.005	11:46:50 AM	10/3/2011 11:46	0.005
8700	0.005	0.005	0.005	0.005	11:47:50 AM	10/3/2011 11:47	0.005
8760	0.004	0.004	0.004	0.004	11:48:50 AM	10/3/2011 11:48	0.004
8820	0.005	0.005	0.005	0.005	11:49:50 AM	10/3/2011 11:49	0.005
8880	0.005	0.005	0.005	0.006	11:50:50 AM	10/3/2011 11:50	0.006
8940	0.006	0.006	0.006	0.007	11:51:50 AM	10/3/2011 11:51	0.007
9000	0.006	0.006	0.006	0.006	11:52:50 AM	10/3/2011 11:52	0.006
9060	0.007	0.007	0.007	0.007	11:53:50 AM	10/3/2011 11:53	0.007
9120	0.007	0.007	0.007	0.008	11:54:50 AM	10/3/2011 11:54	0.008
9180	0.007	0.007	0.007	0.007	11:55:50 AM	10/3/2011 11:55	0.007
9240	0.007	0.007	0.007	0.007	11:56:50 AM	10/3/2011 11:56	0.007
9300	0.008	0.008	0.009	0.009	11:57:50 AM	10/3/2011 11:57	0.009
9360	0.008	0.008	0.008	0.008	11:58:50 AM	10/3/2011 11:58	0.008
9420	0.013	0.014	0.014	0.015	11:59:50 AM	10/3/2011 11:59	0.015
9480	0.007	0.007	0.007	0.007	12:00:50 PM	10/3/2011 12:00	0.008
9540	0.007	0.007	0.007	0.007	12:01:50 PM	10/3/2011 12:01	0.007
9600	0.006	0.006	0.006	0.006	12:02:50 PM	10/3/2011 12:02	0.006
9660	0.006	0.006	0.006	0.007	12:03:50 PM	10/3/2011 12:03	0.007
9720	0.006	0.006	0.006	0.006	12:04:50 PM	10/3/2011 12:04	0.006
9780	0.006	0.006	0.006	0.007	12:05:50 PM	10/3/2011 12:05	0.007
9840	0.006	0.006	0.006	0.006	12:06:50 PM	10/3/2011 12:06	0.006
9900	0.005	0.006	0.006	0.006	12:07:50 PM	10/3/2011 12:07	0.006
9960	0.005	0.005	0.005	0.006	12:08:50 PM	10/3/2011 12:08	0.006
10020	0.006	0.006	0.006	0.006	12:09:50 PM	10/3/2011 12:09	0.006
10080	0.006	0.006	0.006	0.006	12:10:50 PM	10/3/2011 12:10	0.007
10140	0.007	0.007	0.007	0.007	12:11:50 PM	10/3/2011 12:11	0.007
10200	0.006	0.006	0.006	0.006	12:12:50 PM	10/3/2011 12:12	0.006
10260	0.006	0.006	0.006	0.006	12:13:50 PM	10/3/2011 12:13	0.006
10320	0.005	0.005	0.005	0.005	12:14:50 PM	10/3/2011 12:14	0.005
10380	0.006	0.006	0.006	0.006	12:15:50 PM	10/3/2011 12:15	0.006
10440	0.005	0.006	0.006	0.006	12:16:50 PM	10/3/2011 12:16	0.006
10500	0.005	0.005	0.005	0.006	12:17:50 PM	10/3/2011 12:17	0.006
10560	0.005	0.005	0.005	0.005	12:18:50 PM	10/3/2011 12:18	0.005
10620	0.005	0.005	0.005	0.006	12:19:50 PM	10/3/2011 12:19	0.006
10680	0.005	0.005	0.005	0.005	12:20:50 PM	10/3/2011 12:20	0.005
10740	0.005	0.005	0.005	0.005	12:21:50 PM	10/3/2011 12:21	0.005
10800	0.004	0.004	0.004	0.005	12:22:50 PM	10/3/2011 12:22	0.005
10860	0.004	0.004	0.004	0.004	12:23:50 PM	10/3/2011 12:23	0.005
10920	0.004	0.004	0.004	0.004	12:24:50 PM	10/3/2011 12:24	0.004
10980	0.004	0.004	0.004	0.004	12:25:50 PM	10/3/2011 12:25	0.004
11040	0.005	0.005	0.005	0.005	12:26:50 PM	10/3/2011 12:26	0.005
11100	0.004	0.004	0.004	0.005	12:27:50 PM	10/3/2011 12:27	0.005
11160	0.005	0.005	0.005	0.006	12:28:50 PM	10/3/2011 12:28	0.006
11220	0.009	0.009	0.009	0.01	12:29:50 PM	10/3/2011 12:29	0.01
11280	0.01	0.01	0.011	0.011	12:30:50 PM	10/3/2011 12:30	0.011
11340	0.009	0.01	0.01	0.011	12:31:50 PM	10/3/2011 12:31	0.011
11400	0.01	0.01	0.01	0.011	12:32:50 PM	10/3/2011 12:32	0.011
11460	0.006	0.006	0.006	0.006	12:33:50 PM	10/3/2011 12:33	0.006
11520	0.005	0.005	0.005	0.005	12:34:50 PM	10/3/2011 12:34	0.005
11580	0.005	0.005	0.005	0.005	12:35:50 PM	10/3/2011 12:35	0.005
11640	0.005	0.005	0.005	0.006	12:36:50 PM	10/3/2011 12:36	0.006
11700	0.005	0.005	0.005	0.005	12:37:50 PM	10/3/2011 12:37	0.005

11760	0.005	0.005	0.005	0.005	12:38:50 PM	10/3/2011 12:38	0.005
11820	0.005	0.005	0.005	0.006	12:39:50 PM	10/3/2011 12:39	0.006
11880	0.005	0.005	0.006	0.006	12:40:50 PM	10/3/2011 12:40	0.006
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12000	0.005	0.005	0.005	0.005	12:42:50 PM	10/3/2011 12:42	0.005
12060	0.005	0.005	0.005	0.005	12:43:50 PM	10/3/2011 12:43	0.005
12120	0.004	0.004	0.005	0.005	12:44:50 PM	10/3/2011 12:44	0.005
12180	0.006	0.006	0.006	0.006	12:45:50 PM	10/3/2011 12:45	0.006
12240	0.005	0.005	0.005	0.005	12:46:50 PM	10/3/2011 12:46	0.005
12300	0.005	0.005	0.005	0.005	12:47:50 PM	10/3/2011 12:47	0.005
12360	0.006	0.006	0.006	0.007	12:48:50 PM	10/3/2011 12:48	0.007
12420	0.004	0.004	0.004	0.005	12:49:50 PM	10/3/2011 12:49	0.005
12480	0.004	0.004	0.004	0.004	12:50:50 PM	10/3/2011 12:50	0.004
12540	0.004	0.004	0.004	0.004	12:51:50 PM	10/3/2011 12:51	0.004
12600	0.004	0.004	0.004	0.004	12:52:50 PM	10/3/2011 12:52	0.004
12660	0.005	0.005	0.005	0.005	12:53:50 PM	10/3/2011 12:53	0.005
12720	0.005	0.005	0.005	0.005	12:54:50 PM	10/3/2011 12:54	0.005
12780	0.005	0.005	0.005	0.005	12:55:50 PM	10/3/2011 12:55	0.005
12840	0.007	0.007	0.007	0.007	12:56:50 PM	10/3/2011 12:56	0.007
12900	0.005	0.005	0.006	0.006	12:57:50 PM	10/3/2011 12:57	0.006
12960	0.005	0.005	0.005	0.006	12:58:50 PM	10/3/2011 12:58	0.006
13020	0.006	0.006	0.006	0.007	12:59:50 PM	10/3/2011 12:59	0.007
13080	0.004	0.004	0.004	0.004	1:00:50 PM	10/3/2011 13:00	0.004
13140	0.004	0.004	0.004	0.004	1:01:50 PM	10/3/2011 13:01	0.004
13200	0.005	0.005	0.005	0.006	1:02:50 PM	10/3/2011 13:02	0.006
13260	0.005	0.005	0.005	0.006	1:03:50 PM	10/3/2011 13:03	0.006
13320	0.005	0.005	0.005	0.005	1:04:50 PM	10/3/2011 13:04	0.005
13380	0.007	0.008	0.008	0.009	1:05:50 PM	10/3/2011 13:05	0.009
13440	0.01	0.011	0.011	0.014	1:06:50 PM	10/3/2011 13:06	0.017
13500	0.004	0.004	0.004	0.005	1:07:50 PM	10/3/2011 13:07	0.005
13560	0.003	0.003	0.003	0.003	1:08:50 PM	10/3/2011 13:08	0.003
13620	0.005	0.005	0.006	0.007	1:09:50 PM	10/3/2011 13:09	0.007
13680	0.004	0.004	0.004	0.004	1:10:50 PM	10/3/2011 13:10	0.004
13740	0.004	0.004	0.004	0.004	1:11:50 PM	10/3/2011 13:11	0.004
13800	0.004	0.004	0.004	0.004	1:12:50 PM	10/3/2011 13:12	0.004
13860	0.003	0.003	0.003	0.003	1:13:50 PM	10/3/2011 13:13	0.003
13920	0.003	0.003	0.003	0.003	1:14:50 PM	10/3/2011 13:14	0.003
13980	0.003	0.003	0.003	0.003	1:15:50 PM	10/3/2011 13:15	0.003
14040	0.003	0.003	0.003	0.004	1:16:50 PM	10/3/2011 13:16	0.004
14100	0.003	0.003	0.003	0.004	1:17:50 PM	10/3/2011 13:17	0.004
14160	0.003	0.003	0.003	0.003	1:18:50 PM	10/3/2011 13:18	0.003
14220	0.003	0.003	0.003	0.003	1:19:50 PM	10/3/2011 13:19	0.003
14280	0.004	0.004	0.004	0.004	1:20:50 PM	10/3/2011 13:20	0.004
14340	0.003	0.003	0.003	0.004	1:21:50 PM	10/3/2011 13:21	0.004
14400	0.009	0.009	0.01	0.01	1:22:50 PM	10/3/2011 13:22	0.011
14460	0.012	0.012	0.012	0.014	1:23:50 PM	10/3/2011 13:23	0.014
14520	0.018	0.018	0.019	0.021	1:24:50 PM	10/3/2011 13:24	0.021
14580	0.008	0.008	0.009	0.009	1:25:50 PM	10/3/2011 13:25	0.009
14640	0.006	0.006	0.006	0.006	1:26:50 PM	10/3/2011 13:26	0.006
14700	0.004	0.004	0.004	0.005	1:27:50 PM	10/3/2011 13:27	0.005
14760	0.005	0.005	0.005	0.005	1:28:50 PM	10/3/2011 13:28	0.005
14820	0.004	0.004	0.004	0.005	1:29:50 PM	10/3/2011 13:29	0.005
14880	0.004	0.004	0.004	0.004	1:30:50 PM	10/3/2011 13:30	0.004
14940	0.004	0.004	0.004	0.004	1:31:50 PM	10/3/2011 13:31	0.004
15000	0.004	0.004	0.004	0.005	1:32:50 PM	10/3/2011 13:32	0.005
15060	0.004	0.004	0.004	0.004	1:33:50 PM	10/3/2011 13:33	0.004
15120	0.005	0.005	0.005	0.005	1:34:50 PM	10/3/2011 13:34	0.005
15180	0.006	0.006	0.006	0.007	1:35:50 PM	10/3/2011 13:35	0.007

15240	0.006	0.006	0.006	0.006	1:36:50 PM	10/3/2011 13:36	0.006
15300	0.005	0.005	0.005	0.005	1:37:50 PM	10/3/2011 13:37	0.005
15360	0.005	0.005	0.005	0.006	1:38:50 PM	10/3/2011 13:38	0.006
15420	0.007	0.007	0.007	0.008	1:39:50 PM	10/3/2011 13:39	0.008
15480	0.009	0.009	0.01	0.01	1:40:50 PM	10/3/2011 13:40	0.01
15540	0.007	0.007	0.007	0.007	1:41:50 PM	10/3/2011 13:41	0.007
15600	0.006	0.006	0.006	0.007	1:42:50 PM	10/3/2011 13:42	0.007
15660	0.006	0.006	0.006	0.006	1:43:50 PM	10/3/2011 13:43	0.006
15720	0.005	0.005	0.005	0.006	1:44:50 PM	10/3/2011 13:44	0.006
15780	0.006	0.006	0.006	0.007	1:45:50 PM	10/3/2011 13:45	0.007
15840	0.01	0.011	0.011	0.013	1:46:50 PM	10/3/2011 13:46	0.013
15900	0.008	0.008	0.009	0.01	1:47:50 PM	10/3/2011 13:47	0.01
15960	0.005	0.005	0.005	0.005	1:48:50 PM	10/3/2011 13:48	0.005
16020	0.004	0.004	0.004	0.004	1:49:50 PM	10/3/2011 13:49	0.004
16080	0.004	0.004	0.004	0.004	1:50:50 PM	10/3/2011 13:50	0.004
16140	0.003	0.003	0.003	0.003	1:51:50 PM	10/3/2011 13:51	0.003
16200	0.003	0.003	0.003	0.003	1:52:50 PM	10/3/2011 13:52	0.003
16260	0.003	0.003	0.003	0.003	1:53:50 PM	10/3/2011 13:53	0.003
16320	0.003	0.003	0.003	0.004	1:54:50 PM	10/3/2011 13:54	0.004
16380	0.005	0.005	0.006	0.006	1:55:50 PM	10/3/2011 13:55	0.007
16440	0.005	0.005	0.005	0.005	1:56:50 PM	10/3/2011 13:56	0.005
16500	0.009	0.009	0.009	0.01	1:57:50 PM	10/3/2011 13:57	0.01
16560	0.005	0.005	0.005	0.005	1:58:50 PM	10/3/2011 13:58	0.005
16620	0.004	0.004	0.004	0.004	1:59:50 PM	10/3/2011 13:59	0.004
16680	0.005	0.005	0.005	0.005	2:00:50 PM	10/3/2011 14:00	0.006
16740	0.004	0.004	0.004	0.004	2:01:50 PM	10/3/2011 14:01	0.004
16800	0.005	0.005	0.005	0.006	2:02:50 PM	10/3/2011 14:02	0.006
16860	0.007	0.007	0.007	0.007	2:03:50 PM	10/3/2011 14:03	0.008
16920	0.007	0.007	0.007	0.007	2:04:50 PM	10/3/2011 14:04	0.007
16980	0.003	0.003	0.003	0.004	2:05:50 PM	10/3/2011 14:05	0.004
17040	0.006	0.006	0.006	0.006	2:06:50 PM	10/3/2011 14:06	0.006
17100	0.004	0.004	0.004	0.004	2:07:50 PM	10/3/2011 14:07	0.004
17160	0.003	0.003	0.003	0.003	2:08:50 PM	10/3/2011 14:08	0.003
17220	0.008	0.008	0.008	0.009	2:09:50 PM	10/3/2011 14:09	0.009
17280	0.005	0.005	0.006	0.006	2:10:50 PM	10/3/2011 14:10	0.006
17340	0.004	0.004	0.004	0.004	2:11:50 PM	10/3/2011 14:11	0.004
17400	0.006	0.006	0.006	0.007	2:12:50 PM	10/3/2011 14:12	0.007
17460	0.005	0.005	0.005	0.005	2:13:50 PM	10/3/2011 14:13	0.005
17520	0.004	0.004	0.004	0.004	2:14:50 PM	10/3/2011 14:14	0.004

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533112903
Firmware Version	2.8
Calibration Date	7/18/2011
Test Name	MANUAL_002
Test Start Time	9:26:40
Test Start Date	10/3/2011
Test Length [D:H:M]	0:04:46
Test Interval [M:S]	1:00
PM1 Average [mg/m ³]	0.009
PM1 Minimum [mg/m ³]	0.002
PM1 Maximum [mg/m ³]	0.218
PM1 TWA [mg/m ³]	0.005
PM2.5 Average [mg/m ³]	0.009
PM2.5 Minimum [mg/m ³]	0.002
PM2.5 Maximum [mg/m ³]	0.218
PM2.5 TWA [mg/m ³]	0.006
PM4 Average [mg/m ³]	0.01
PM4 Minimum [mg/m ³]	0.002
PM4 Maximum [mg/m ³]	0.221
PM4 TWA [mg/m ³]	0.006
PM10 Average [mg/m ³]	0.012
PM10 Minimum [mg/m ³]	0.002
PM10 Maximum [mg/m ³]	0.253
PM10 TWA [mg/m ³]	0.007
TOTAL Average [mg/m ³]	0.012
TOTAL Minimum [mg/m ³]	0.003
TOTAL Maximum [mg/m ³]	0.278
TOTAL TWA [mg/m ³]	0.007
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	1
Errors	
Number of Samples	286



Elapsed Time [s]	PM1 [mg/m ³]	PM2.5 [mg/m ³]	PM4 [mg/m ³]	PM10 [mg/m ³]	9:26:40 Time/Date	TOTAL [mg/m ³]	Alarms	Errors
60	0.024	0.024	0.025	0.052	9:27:40 10/3/2011 9:27	0.077		
120	0.01	0.01	0.011	0.012	9:28:40 10/3/2011 9:28	0.013		
180	0.009	0.009	0.01	0.01	9:29:40 10/3/2011 9:29	0.01		
240	0.009	0.009	0.009	0.01	9:30:40 10/3/2011 9:30	0.011		
300	0.034	0.034	0.034	0.035	9:31:40 10/3/2011 9:31	0.036		
360	0.022	0.022	0.023	0.025	9:32:40 10/3/2011 9:32	0.025		
420	0.015	0.015	0.016	0.017	9:33:40 10/3/2011 9:33	0.017		
480	0.015	0.015	0.015	0.016	9:34:40 10/3/2011 9:34	0.017		
540	0.014	0.015	0.015	0.017	9:35:40 10/3/2011 9:35	0.018		
600	0.014	0.014	0.015	0.017	9:36:40 10/3/2011 9:36	0.017		
660	0.014	0.014	0.014	0.015	9:37:40 10/3/2011 9:37	0.015		
720	0.013	0.013	0.014	0.015	9:38:40 10/3/2011 9:38	0.015		
780	0.014	0.014	0.015	0.016	9:39:40 10/3/2011 9:39	0.016		
840	0.014	0.015	0.016	0.018	9:40:40 10/3/2011 9:40	0.018		
900	0.01	0.01	0.01	0.011	9:41:40 10/3/2011 9:41	0.011		
960	0.011	0.011	0.012	0.013	9:42:40 10/3/2011 9:42	0.013		
1020	0.013	0.013	0.014	0.014	9:43:40 10/3/2011 9:43	0.015		
1080	0.015	0.015	0.015	0.016	9:44:40 10/3/2011 9:44	0.016		
1140	0.017	0.018	0.019	0.023	9:45:40 10/3/2011 9:45	0.025		
1200	0.034	0.037	0.043	0.054	9:46:40 10/3/2011 9:46	0.056		
1260	0.009	0.009	0.01	0.01	9:47:40 10/3/2011 9:47	0.01		
1320	0.011	0.011	0.012	0.013	9:48:40 10/3/2011 9:48	0.014		
1380	0.011	0.011	0.012	0.012	9:49:40 10/3/2011 9:49	0.012		
1440	0.026	0.026	0.028	0.03	9:50:40 10/3/2011 9:50	0.03		
1500	0.012	0.012	0.013	0.014	9:51:40 10/3/2011 9:51	0.015		
1560	0.01	0.01	0.01	0.011	9:52:40 10/3/2011 9:52	0.011		
1620	0.017	0.018	0.018	0.021	9:53:40 10/3/2011 9:53	0.021		
1680	0.008	0.008	0.009	0.01	9:54:40 10/3/2011 9:54	0.01		
1740	0.047	0.052	0.062	0.082	9:55:40 10/3/2011 9:55	0.085		
1800	0.041	0.045	0.052	0.067	9:56:40 10/3/2011 9:56	0.069		
1860	0.045	0.05	0.058	0.078	9:57:40 10/3/2011 9:57	0.081		
1920	0.009	0.009	0.009	0.01	9:58:40 10/3/2011 9:58	0.01		

1980	0.008	0.008	0.008	0.009	9:59:40	10/3/2011 9:59	0.01
2040	0.008	0.009	0.009	0.01	10:00:40	10/3/2011 10:00	0.01
2100	0.008	0.008	0.009	0.009	10:01:40	10/3/2011 10:01	0.009
2160	0.009	0.009	0.01	0.01	10:02:40	10/3/2011 10:02	0.01
2220	0.01	0.01	0.01	0.012	10:03:40	10/3/2011 10:03	0.012
2280	0.023	0.025	0.029	0.046	10:04:40	10/3/2011 10:04	0.048
2340	0.015	0.016	0.018	0.026	10:05:40	10/3/2011 10:05	0.028
2400	0.014	0.015	0.017	0.026	10:06:40	10/3/2011 10:06	0.028
2460	0.005	0.005	0.006	0.007	10:07:40	10/3/2011 10:07	0.007
2520	0.005	0.005	0.005	0.005	10:08:40	10/3/2011 10:08	0.006
2580	0.011	0.012	0.013	0.016	10:09:40	10/3/2011 10:09	0.016
2640	0.008	0.008	0.009	0.01	10:10:40	10/3/2011 10:10	0.011
2700	0.006	0.006	0.006	0.007	10:11:40	10/3/2011 10:11	0.007
2760	0.007	0.007	0.007	0.008	10:12:40	10/3/2011 10:12	0.009
2820	0.009	0.009	0.01	0.013	10:13:40	10/3/2011 10:13	0.015
2880	0.009	0.009	0.009	0.01	10:14:40	10/3/2011 10:14	0.011
2940	0.008	0.008	0.008	0.01	10:15:40	10/3/2011 10:15	0.012
3000	0.007	0.008	0.008	0.009	10:16:40	10/3/2011 10:16	0.009
3060	0.007	0.007	0.008	0.008	10:17:40	10/3/2011 10:17	0.008
3120	0.004	0.005	0.005	0.006	10:18:40	10/3/2011 10:18	0.006
3180	0.004	0.004	0.004	0.004	10:19:40	10/3/2011 10:19	0.004
3240	0.004	0.004	0.004	0.004	10:20:40	10/3/2011 10:20	0.004
3300	0.003	0.003	0.004	0.004	10:21:40	10/3/2011 10:21	0.004
3360	0.004	0.004	0.004	0.004	10:22:40	10/3/2011 10:22	0.004
3420	0.004	0.004	0.004	0.004	10:23:40	10/3/2011 10:23	0.004
3480	0.004	0.004	0.004	0.004	10:24:40	10/3/2011 10:24	0.005
3540	0.006	0.006	0.007	0.007	10:25:40	10/3/2011 10:25	0.008
3600	0.006	0.006	0.006	0.007	10:26:40	10/3/2011 10:26	0.007
3660	0.012	0.012	0.013	0.015	10:27:40	10/3/2011 10:27	0.017
3720	0.035	0.037	0.039	0.049	10:28:40	10/3/2011 10:28	0.052
3780	0.02	0.021	0.022	0.026	10:29:40	10/3/2011 10:29	0.026
3840	0.021	0.022	0.024	0.03	10:30:40	10/3/2011 10:30	0.031
3900	0.019	0.019	0.02	0.024	10:31:40	10/3/2011 10:31	0.024
3960	0.011	0.012	0.013	0.016	10:32:40	10/3/2011 10:32	0.016
4020	0.005	0.005	0.006	0.007	10:33:40	10/3/2011 10:33	0.007
4080	0.005	0.005	0.006	0.007	10:34:40	10/3/2011 10:34	0.007
4140	0.004	0.005	0.005	0.006	10:35:40	10/3/2011 10:35	0.008
4200	0.003	0.003	0.003	0.003	10:36:40	10/3/2011 10:36	0.003
4260	0.003	0.003	0.003	0.003	10:37:40	10/3/2011 10:37	0.003
4320	0.013	0.014	0.016	0.02	10:38:40	10/3/2011 10:38	0.021
4380	0.003	0.003	0.003	0.003	10:39:40	10/3/2011 10:39	0.003
4440	0.003	0.003	0.003	0.003	10:40:40	10/3/2011 10:40	0.003
4500	0.004	0.004	0.004	0.004	10:41:40	10/3/2011 10:41	0.005
4560	0.005	0.005	0.005	0.006	10:42:40	10/3/2011 10:42	0.006
4620	0.005	0.005	0.005	0.005	10:43:40	10/3/2011 10:43	0.006
4680	0.005	0.005	0.005	0.006	10:44:40	10/3/2011 10:44	0.006
4740	0.004	0.004	0.005	0.005	10:45:40	10/3/2011 10:45	0.006
4800	0.004	0.004	0.005	0.005	10:46:40	10/3/2011 10:46	0.005
4860	0.005	0.005	0.006	0.006	10:47:40	10/3/2011 10:47	0.007
4920	0.006	0.007	0.007	0.008	10:48:40	10/3/2011 10:48	0.008
4980	0.007	0.008	0.009	0.01	10:49:40	10/3/2011 10:49	0.01
5040	0.006	0.006	0.006	0.007	10:50:40	10/3/2011 10:50	0.008
5100	0.004	0.004	0.004	0.004	10:51:40	10/3/2011 10:51	0.004
5160	0.004	0.004	0.004	0.005	10:52:40	10/3/2011 10:52	0.005
5220	0.006	0.006	0.007	0.008	10:53:40	10/3/2011 10:53	0.008
5280	0.006	0.007	0.007	0.009	10:54:40	10/3/2011 10:54	0.009
5340	0.006	0.006	0.006	0.007	10:55:40	10/3/2011 10:55	0.007
5400	0.005	0.005	0.005	0.005	10:56:40	10/3/2011 10:56	0.005
5460	0.005	0.005	0.005	0.005	10:57:40	10/3/2011 10:57	0.005
5520	0.006	0.006	0.006	0.007	10:58:40	10/3/2011 10:58	0.007
5580	0.007	0.007	0.008	0.008	10:59:40	10/3/2011 10:59	0.008
5640	0.006	0.006	0.006	0.006	11:00:40	10/3/2011 11:00	0.006
5700	0.008	0.008	0.009	0.01	11:01:40	10/3/2011 11:01	0.01
5760	0.013	0.014	0.014	0.016	11:02:40	10/3/2011 11:02	0.016
5820	0.005	0.005	0.005	0.005	11:03:40	10/3/2011 11:03	0.005
5880	0.005	0.006	0.006	0.006	11:04:40	10/3/2011 11:04	0.006
5940	0.006	0.006	0.007	0.007	11:05:40	10/3/2011 11:05	0.007
6000	0.009	0.009	0.009	0.01	11:06:40	10/3/2011 11:06	0.01
6060	0.005	0.005	0.005	0.005	11:07:40	10/3/2011 11:07	0.005

6120	0.005	0.005	0.005	0.006	11:08:40	10/3/2011 11:08	0.006
6180	0.007	0.007	0.008	0.009	11:09:40	10/3/2011 11:09	0.009
6240	0.008	0.008	0.009	0.01	11:10:40	10/3/2011 11:10	0.011
6300	0.012	0.013	0.013	0.014	11:11:40	10/3/2011 11:11	0.015
6360	0.018	0.018	0.02	0.027	11:12:40	10/3/2011 11:12	0.03
6420	0.006	0.006	0.006	0.006	11:13:40	10/3/2011 11:13	0.006
6480	0.005	0.005	0.005	0.006	11:14:40	10/3/2011 11:14	0.006
6540	0.006	0.006	0.006	0.006	11:15:40	10/3/2011 11:15	0.006
6600	0.007	0.007	0.007	0.008	11:16:40	10/3/2011 11:16	0.008
6660	0.005	0.005	0.005	0.005	11:17:40	10/3/2011 11:17	0.005
6720	0.005	0.005	0.005	0.005	11:18:40	10/3/2011 11:18	0.005
6780	0.005	0.005	0.005	0.005	11:19:40	10/3/2011 11:19	0.005
6840	0.005	0.006	0.006	0.006	11:20:40	10/3/2011 11:20	0.006
6900	0.006	0.006	0.007	0.008	11:21:40	10/3/2011 11:21	0.008
6960	0.014	0.016	0.019	0.026	11:22:40	10/3/2011 11:22	0.028
7020	0.006	0.006	0.006	0.006	11:23:40	10/3/2011 11:23	0.006
7080	0.006	0.006	0.006	0.006	11:24:40	10/3/2011 11:24	0.006
7140	0.006	0.006	0.006	0.006	11:25:40	10/3/2011 11:25	0.006
7200	0.006	0.006	0.006	0.007	11:26:40	10/3/2011 11:26	0.007
7260	0.006	0.007	0.007	0.007	11:27:40	10/3/2011 11:27	0.007
7320	0.006	0.006	0.006	0.006	11:28:40	10/3/2011 11:28	0.006
7380	0.007	0.007	0.007	0.007	11:29:40	10/3/2011 11:29	0.007
7440	0.008	0.008	0.008	0.009	11:30:40	10/3/2011 11:30	0.009
7500	0.007	0.007	0.008	0.009	11:31:40	10/3/2011 11:31	0.009
7560	0.006	0.006	0.006	0.006	11:32:40	10/3/2011 11:32	0.006
7620	0.006	0.006	0.006	0.007	11:33:40	10/3/2011 11:33	0.007
7680	0.007	0.007	0.007	0.008	11:34:40	10/3/2011 11:34	0.008
7740	0.008	0.008	0.009	0.009	11:35:40	10/3/2011 11:35	0.009
7800	0.008	0.008	0.008	0.009	11:36:40	10/3/2011 11:36	0.009
7860	0.006	0.006	0.007	0.007	11:37:40	10/3/2011 11:37	0.007
7920	0.005	0.005	0.006	0.006	11:38:40	10/3/2011 11:38	0.006
7980	0.011	0.011	0.012	0.014	11:39:40	10/3/2011 11:39	0.014
8040	0.218	0.218	0.221	0.253	11:40:40	10/3/2011 11:40	0.278
8100	0.005	0.005	0.006	0.006	11:41:40	10/3/2011 11:41	0.007
8160	0.005	0.006	0.006	0.006	11:42:40	10/3/2011 11:42	0.007
8220	0.005	0.005	0.005	0.005	11:43:40	10/3/2011 11:43	0.005
8280	0.013	0.014	0.014	0.017	11:44:40	10/3/2011 11:44	0.017
8340	0.003	0.003	0.003	0.003	11:45:40	10/3/2011 11:45	0.004
8400	0.003	0.003	0.003	0.003	11:46:40	10/3/2011 11:46	0.003
8460	0.003	0.003	0.004	0.004	11:47:40	10/3/2011 11:47	0.004
8520	0.004	0.004	0.004	0.004	11:48:40	10/3/2011 11:48	0.004
8580	0.004	0.004	0.004	0.004	11:49:40	10/3/2011 11:49	0.004
8640	0.005	0.005	0.005	0.006	11:50:40	10/3/2011 11:50	0.007
8700	0.005	0.005	0.005	0.006	11:51:40	10/3/2011 11:51	0.006
8760	0.005	0.005	0.005	0.006	11:52:40	10/3/2011 11:52	0.006
8820	0.006	0.006	0.006	0.007	11:53:40	10/3/2011 11:53	0.007
8880	0.006	0.006	0.006	0.007	11:54:40	10/3/2011 11:54	0.007
8940	0.007	0.007	0.007	0.008	11:55:40	10/3/2011 11:55	0.008
9000	0.009	0.009	0.01	0.012	11:56:40	10/3/2011 11:56	0.012
9060	0.043	0.044	0.044	0.045	11:57:40	10/3/2011 11:57	0.045
9120	0.022	0.022	0.023	0.025	11:58:40	10/3/2011 11:58	0.026
9180	0.009	0.01	0.01	0.011	11:59:40	10/3/2011 11:59	0.012
9240	0.027	0.028	0.029	0.033	12:00:40	10/3/2011 12:00	0.035
9300	0.009	0.009	0.01	0.011	12:01:40	10/3/2011 12:01	0.011
9360	0.006	0.006	0.007	0.007	12:02:40	10/3/2011 12:02	0.007
9420	0.006	0.006	0.006	0.007	12:03:40	10/3/2011 12:03	0.007
9480	0.006	0.006	0.006	0.007	12:04:40	10/3/2011 12:04	0.007
9540	0.009	0.009	0.009	0.011	12:05:40	10/3/2011 12:05	0.011
9600	0.009	0.009	0.01	0.012	12:06:40	10/3/2011 12:06	0.012
9660	0.006	0.006	0.006	0.007	12:07:40	10/3/2011 12:07	0.007
9720	0.006	0.006	0.006	0.006	12:08:40	10/3/2011 12:08	0.006
9780	0.011	0.011	0.011	0.012	12:09:40	10/3/2011 12:09	0.012
9840	0.042	0.043	0.045	0.072	12:10:40	10/3/2011 12:10	0.094
9900	0.006	0.006	0.006	0.007	12:11:40	10/3/2011 12:11	0.007
9960	0.006	0.006	0.006	0.006	12:12:40	10/3/2011 12:12	0.006
10020	0.007	0.007	0.007	0.007	12:13:40	10/3/2011 12:13	0.007
10080	0.013	0.014	0.014	0.015	12:14:40	10/3/2011 12:14	0.015
10140	0.005	0.005	0.006	0.006	12:15:40	10/3/2011 12:15	0.006
10200	0.005	0.005	0.005	0.006	12:16:40	10/3/2011 12:16	0.006

10260	0.005	0.005	0.005	0.005	12:17:40	10/3/2011 12:17	0.005
10320	0.005	0.005	0.005	0.005	12:18:40	10/3/2011 12:18	0.006
10380	0.006	0.006	0.006	0.007	12:19:40	10/3/2011 12:19	0.007
10440	0.006	0.006	0.006	0.007	12:20:40	10/3/2011 12:20	0.007
10500	0.004	0.004	0.004	0.005	12:21:40	10/3/2011 12:21	0.005
10560	0.003	0.003	0.003	0.003	12:22:40	10/3/2011 12:22	0.003
10620	0.003	0.003	0.003	0.004	12:23:40	10/3/2011 12:23	0.004
10680	0.002	0.003	0.003	0.003	12:24:40	10/3/2011 12:24	0.003
10740	0.003	0.003	0.003	0.004	12:25:40	10/3/2011 12:25	0.004
10800	0.003	0.003	0.003	0.004	12:26:40	10/3/2011 12:26	0.004
10860	0.004	0.005	0.005	0.005	12:27:40	10/3/2011 12:27	0.005
10920	0.004	0.004	0.004	0.004	12:28:40	10/3/2011 12:28	0.005
10980	0.005	0.005	0.006	0.006	12:29:40	10/3/2011 12:29	0.006
11040	0.023	0.024	0.024	0.028	12:30:40	10/3/2011 12:30	0.032
11100	0.008	0.009	0.01	0.011	12:31:40	10/3/2011 12:31	0.011
11160	0.008	0.009	0.01	0.011	12:32:40	10/3/2011 12:32	0.011
11220	0.005	0.005	0.006	0.006	12:33:40	10/3/2011 12:33	0.007
11280	0.004	0.005	0.005	0.005	12:34:40	10/3/2011 12:34	0.006
11340	0.005	0.005	0.006	0.006	12:35:40	10/3/2011 12:35	0.006
11400	0.006	0.006	0.006	0.006	12:36:40	10/3/2011 12:36	0.006
11460	0.007	0.007	0.007	0.007	12:37:40	10/3/2011 12:37	0.008
11520	0.008	0.008	0.008	0.01	12:38:40	10/3/2011 12:38	0.01
11580	0.007	0.007	0.007	0.008	12:39:40	10/3/2011 12:39	0.008
11640	0.005	0.005	0.005	0.006	12:40:40	10/3/2011 12:40	0.006
11700	0.005	0.005	0.005	0.005	12:41:40	10/3/2011 12:41	0.005
11760	0.005	0.005	0.005	0.006	12:42:40	10/3/2011 12:42	0.006
11820	0.004	0.005	0.005	0.005	12:43:40	10/3/2011 12:43	0.005
11880	0.005	0.005	0.005	0.006	12:44:40	10/3/2011 12:44	0.006
11940	0.005	0.005	0.006	0.006	12:45:40	10/3/2011 12:45	0.006
12000	0.006	0.006	0.006	0.006	12:46:40	10/3/2011 12:46	0.006
12060	0.005	0.005	0.005	0.006	12:47:40	10/3/2011 12:47	0.006
12120	0.004	0.004	0.005	0.005	12:48:40	10/3/2011 12:48	0.005
12180	0.004	0.005	0.005	0.005	12:49:40	10/3/2011 12:49	0.005
12240	0.005	0.005	0.005	0.005	12:50:40	10/3/2011 12:50	0.005
12300	0.004	0.004	0.005	0.005	12:51:40	10/3/2011 12:51	0.005
12360	0.004	0.004	0.005	0.005	12:52:40	10/3/2011 12:52	0.005
12420	0.004	0.004	0.004	0.005	12:53:40	10/3/2011 12:53	0.005
12480	0.006	0.006	0.006	0.007	12:54:40	10/3/2011 12:54	0.007
12540	0.006	0.006	0.006	0.006	12:55:40	10/3/2011 12:55	0.006
12600	0.007	0.008	0.008	0.009	12:56:40	10/3/2011 12:56	0.009
12660	0.007	0.007	0.008	0.009	12:57:40	10/3/2011 12:57	0.009
12720	0.006	0.006	0.007	0.007	12:58:40	10/3/2011 12:58	0.007
12780	0.004	0.004	0.004	0.004	12:59:40	10/3/2011 12:59	0.004
12840	0.005	0.005	0.005	0.005	13:00:40	10/3/2011 13:00	0.005
12900	0.003	0.004	0.004	0.004	13:01:40	10/3/2011 13:01	0.004
12960	0.005	0.005	0.005	0.006	13:02:40	10/3/2011 13:02	0.006
13020	0.007	0.007	0.007	0.008	13:03:40	10/3/2011 13:03	0.008
13080	0.005	0.005	0.005	0.005	13:04:40	10/3/2011 13:04	0.005
13140	0.011	0.013	0.015	0.017	13:05:40	10/3/2011 13:05	0.017
13200	0.006	0.006	0.007	0.008	13:06:40	10/3/2011 13:06	0.008
13260	0.004	0.004	0.004	0.004	13:07:40	10/3/2011 13:07	0.005
13320	0.002	0.002	0.002	0.003	13:08:40	10/3/2011 13:08	0.003
13380	0.004	0.004	0.004	0.005	13:09:40	10/3/2011 13:09	0.005
13440	0.004	0.004	0.004	0.004	13:10:40	10/3/2011 13:10	0.004
13500	0.004	0.004	0.004	0.004	13:11:40	10/3/2011 13:11	0.004
13560	0.003	0.003	0.003	0.003	13:12:40	10/3/2011 13:12	0.003
13620	0.003	0.004	0.004	0.004	13:13:40	10/3/2011 13:13	0.004
13680	0.004	0.004	0.004	0.004	13:14:40	10/3/2011 13:14	0.004
13740	0.005	0.005	0.005	0.006	13:15:40	10/3/2011 13:15	0.006
13800	0.003	0.003	0.003	0.003	13:16:40	10/3/2011 13:16	0.003
13860	0.003	0.003	0.003	0.003	13:17:40	10/3/2011 13:17	0.003
13920	0.003	0.003	0.003	0.003	13:18:40	10/3/2011 13:18	0.003
13980	0.003	0.003	0.003	0.003	13:19:40	10/3/2011 13:19	0.003
14040	0.003	0.003	0.003	0.003	13:20:40	10/3/2011 13:20	0.003
14100	0.003	0.003	0.003	0.004	13:21:40	10/3/2011 13:21	0.004
14160	0.005	0.006	0.006	0.007	13:22:40	10/3/2011 13:22	0.007
14220	0.013	0.013	0.014	0.016	13:23:40	10/3/2011 13:23	0.016
14280	0.011	0.012	0.013	0.015	13:24:40	10/3/2011 13:24	0.015
14340	0.006	0.006	0.006	0.007	13:25:40	10/3/2011 13:25	0.007

14400	0.005	0.005	0.005	0.007	13:26:40	10/3/2011 13:26	0.008
14460	0.005	0.005	0.005	0.006	13:27:40	10/3/2011 13:27	0.007
14520	0.008	0.008	0.009	0.01	13:28:40	10/3/2011 13:28	0.011
14580	0.009	0.009	0.01	0.011	13:29:40	10/3/2011 13:29	0.012
14640	0.005	0.005	0.005	0.005	13:30:40	10/3/2011 13:30	0.005
14700	0.003	0.003	0.004	0.004	13:31:40	10/3/2011 13:31	0.004
14760	0.004	0.004	0.005	0.005	13:32:40	10/3/2011 13:32	0.005
14820	0.004	0.004	0.004	0.004	13:33:40	10/3/2011 13:33	0.004
14880	0.006	0.006	0.006	0.006	13:34:40	10/3/2011 13:34	0.006
14940	0.008	0.008	0.008	0.01	13:35:40	10/3/2011 13:35	0.01
15000	0.006	0.006	0.007	0.007	13:36:40	10/3/2011 13:36	0.007
15060	0.006	0.006	0.006	0.007	13:37:40	10/3/2011 13:37	0.007
15120	0.005	0.006	0.006	0.007	13:38:40	10/3/2011 13:38	0.007
15180	0.008	0.008	0.009	0.01	13:39:40	10/3/2011 13:39	0.01
15240	0.009	0.009	0.01	0.012	13:40:40	10/3/2011 13:40	0.012
15300	0.007	0.008	0.008	0.01	13:41:40	10/3/2011 13:41	0.01
15360	0.005	0.005	0.006	0.007	13:42:40	10/3/2011 13:42	0.007
15420	0.009	0.009	0.01	0.013	13:43:40	10/3/2011 13:43	0.013
15480	0.005	0.005	0.006	0.007	13:44:40	10/3/2011 13:44	0.007
15540	0.009	0.01	0.01	0.013	13:45:40	10/3/2011 13:45	0.013
15600	0.014	0.016	0.017	0.022	13:46:40	10/3/2011 13:46	0.022
15660	0.01	0.01	0.011	0.013	13:47:40	10/3/2011 13:47	0.013
15720	0.005	0.005	0.005	0.007	13:48:40	10/3/2011 13:48	0.007
15780	0.003	0.004	0.004	0.005	13:49:40	10/3/2011 13:49	0.005
15840	0.003	0.003	0.004	0.005	13:50:40	10/3/2011 13:50	0.005
15900	0.002	0.002	0.002	0.002	13:51:40	10/3/2011 13:51	0.003
15960	0.002	0.002	0.002	0.003	13:52:40	10/3/2011 13:52	0.003
16020	0.002	0.002	0.002	0.003	13:53:40	10/3/2011 13:53	0.003
16080	0.002	0.002	0.003	0.003	13:54:40	10/3/2011 13:54	0.003
16140	0.006	0.007	0.007	0.008	13:55:40	10/3/2011 13:55	0.008
16200	0.008	0.008	0.009	0.014	13:56:40	10/3/2011 13:56	0.016
16260	0.007	0.007	0.008	0.009	13:57:40	10/3/2011 13:57	0.009
16320	0.003	0.003	0.004	0.005	13:58:40	10/3/2011 13:58	0.005
16380	0.004	0.004	0.004	0.005	13:59:40	10/3/2011 13:59	0.006
16440	0.003	0.003	0.003	0.004	14:00:40	10/3/2011 14:00	0.004
16500	0.004	0.004	0.005	0.005	14:01:40	10/3/2011 14:01	0.005
16560	0.005	0.006	0.006	0.008	14:02:40	10/3/2011 14:02	0.008
16620	0.005	0.005	0.006	0.007	14:03:40	10/3/2011 14:03	0.008
16680	0.11	0.111	0.112	0.113	14:04:40	10/3/2011 14:04	0.113
16740	0.005	0.005	0.005	0.005	14:05:40	10/3/2011 14:05	0.005
16800	0.004	0.005	0.005	0.006	14:06:40	10/3/2011 14:06	0.006
16860	0.003	0.003	0.003	0.004	14:07:40	10/3/2011 14:07	0.004
16920	0.003	0.003	0.003	0.004	14:08:40	10/3/2011 14:08	0.004
16980	0.01	0.011	0.012	0.014	14:09:40	10/3/2011 14:09	0.014
17040	0.009	0.01	0.011	0.012	14:10:40	10/3/2011 14:10	0.012
17100	0.005	0.005	0.006	0.006	14:11:40	10/3/2011 14:11	0.006
17160	0.004	0.005	0.005	0.005	14:12:40	10/3/2011 14:12	0.005

Client: National Grid
 Location: Metropolitan-Lowes SB-23 (day 2)
 Date: October 4, 2011
 Field Personnel: J. Peiffer, L. Ferreira

Project: Metropolitan-Lowes
 Project Number: 6013736
 Weather: Temp ~55°F mostly cloudy, calm.
 Ambient Noise: 53.7 dB, 84.8 dB.

Community Air Monitoring Plan / Noise Field Log

Time	Upwind PID	Upwind Dust Trak	Work Area PID	Downwind PID	Downwind Dust Trak	dB Readings ¹	Comments
0750	Set up camp upwind and downwind began monitoring.						Set up camp ~0750 AM.
0808	0.0	0.016	0.0	0.0	0.022	84.5	No intrusive work, setting up.
0825	0.0	0.016	0.0	0.0	0.025	86.5	SB-23 advance
0840	0.0	0.011	0.0	0.0	0.018	86.5	SB-23 advance
0900	0.0	0.014	0.0	0.0	0.017	85.5	SB-23 advance.
0913	0.0	0.011	0.0	0.0	0.017	86.3	SB-23 advance
0925	0.0	0.014	0.0	0.0	0.021	86.4	SB-23 advance @ 55' bgo.
0940	0.0	0.013	0.0	0.0	0.017	86.1	SB-23 advance.
0955	0.0	0.013	0.0	0.0	0.018	85.4	SB-23 advance @ 65' bgo.
1010							→ no reading collected
1025	0.0	0.010	0.0	0.0	0.020	87.4	SB-23 advance @ 75' bgo.
1040	0.0	0.012	0.0	0.0	0.017	86.8	SB-23 advance.
1055	0.0	0.011	0.0	0.0	0.019	85.9	SB-23 advance @ 85' bgo.
1110	0.0	0.012	0.0	0.0	0.020	88.9	SB-23 advance
1125	0.0	0.010	0.0	0.0	0.015	80.1	SB-23 advance @ 90' bgo.
1140	0.0	0.009	0.0	0.0	0.016	76.6	Lunch -
1155					0.016	76.6	Lunch 1145 -
1210	0.0	0.010	0.0	0.0	0.015	78	No activity. Board getting materials
1225	0.0	0.010	0.0	0.0	0.015	85	
1240	0.0	0.009	0.0	0.0	0.011	86	Well construction
1255	0.0	0.009	0.0	0.0	0.012	80	"
1325	0.0	0.009	0.0	0.0	0.013	84	"

=====Event #14 information (begin)=====

[Event #14 name:]-[Event #14]2011-10-04 07:10<-->2011-10-04 15:01
[Event start time:]-2011-10-04 07:10:16[Event end time:]-2011-10-04 15:01:16

=====Event #14 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-904624

Data Points: 471 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====Sensor Information : PID-Min(ppm)PID-Avg(ppm)PID-Max(ppm)=====

Measurement Gas : Isobutene

Calibration Time : 2011-10-04 07:07:002011-10-04 07:07:002011-10-04 07:07:00

Drift Value : --- --- ---

Low Alarm Levels : 50.000 50.000 50.000

High Alarm Levels : 100.000 100.000 100.000

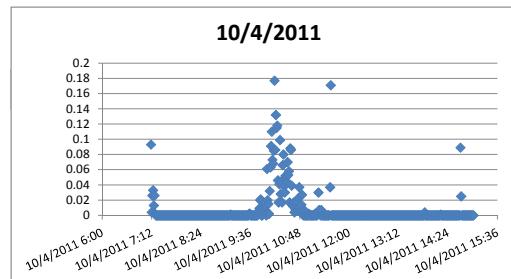
Span Value : 100.000 100.000 100.000

Correction Factor : 1.00 1.00 1.00

Over Alarm Levels : 15000.000 15000.000 15000.000

=====Event #14 data informations=====

LINE#	Date/Time	PID-Max(ppm)	PID-Min(ppm)	PID-Avg(ppm)
1	10/4/2011 7:11	0.093	0	0.025
2	10/4/2011 7:12	0.004	0	0
3	10/4/2011 7:13	0.026	0	0.005
4	10/4/2011 7:14	0.033	0.004	0.017
5	10/4/2011 7:15	0.013	0.001	0.006
6	10/4/2011 7:16	0.026	0	0.01
7	10/4/2011 7:17	0.002	0	0
8	10/4/2011 7:18	0	0	0
9	10/4/2011 7:19	0	0	0
10	10/4/2011 7:20	0	0	0
11	10/4/2011 7:21	0	0	0
12	10/4/2011 7:22	0	0	0
13	10/4/2011 7:23	0	0	0
14	10/4/2011 7:24	0	0	0
15	10/4/2011 7:25	0	0	0
16	10/4/2011 7:26	0	0	0
17	10/4/2011 7:27	0	0	0
18	10/4/2011 7:28	0	0	0
19	10/4/2011 7:29	0	0	0
20	10/4/2011 7:30	0	0	0
21	10/4/2011 7:31	0	0	0
22	10/4/2011 7:32	0	0	0
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56	10/4/2011 8:06	0	0	0
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144	10/4/2011 9:34	0.002	0	0
145	10/4/2011 9:35	0.002	0	0
146	10/4/2011 9:36	0	0	0
147	10/4/2011 9:37	0	0	0
148	10/4/2011 9:38	0	0	0
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154	10/4/2011 9:44	0	0	0
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159	10/4/2011 9:49	0.009	0	0.001
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161	10/4/2011 9:51	0.021	0	0.003
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164	10/4/2011 9:54	0.01	0	0.001
165	10/4/2011 9:55	0.006	0	0
166	10/4/2011 9:56	0.007	0	0
167	10/4/2011 9:57	0.011	0	0.001
168	10/4/2011 9:58	0.013	0	0.001
169	10/4/2011 9:59	0	0	0
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171	10/4/2011 10:01	0.02	0	0.002
172	10/4/2011 10:02	0.015	0	0.001
173	10/4/2011 10:03	0.002	0	0
174	10/4/2011 10:04	0.032	0	0.009
175	10/4/2011 10:05	0.063	0.004	0.03
176	10/4/2011 10:06	0.091	0.036	0.058
177	10/4/2011 10:07	0.11	0.042	0.08
178	10/4/2011 10:08	0.073	0.012	0.044
179	10/4/2011 10:09	0.068	0.02	0.04
180	10/4/2011 10:10	0.085	0.008	0.04
181	10/4/2011 10:11	0.177	0.012	0.094
182	10/4/2011 10:12	0.086	0.025	0.056
183	10/4/2011 10:13	0.132	0.062	0.093
184	10/4/2011 10:14	0.115	0.042	0.076
185	10/4/2011 10:15	0.118	0	0.043
186	10/4/2011 10:16	0.046	0	0.011

187	10/4/2011 10:17	0.017	0	0.002
188	10/4/2011 10:18	0.041	0	0.01
189	10/4/2011 10:19	0.099	0.01	0.043
190	10/4/2011 10:20	0.028	0	0.007
191	10/4/2011 10:21	0.045	0	0.009
192	10/4/2011 10:22	0.017	0	0.003
193	10/4/2011 10:23	0.066	0	0.025
194	10/4/2011 10:24	0.08	0.001	0.03
195	10/4/2011 10:25	0.038	0.003	0.016
196	10/4/2011 10:26	0.03	0	0.01
197	10/4/2011 10:27	0.052	0	0.023
198	10/4/2011 10:28	0.045	0	0.01
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200	10/4/2011 10:30	0.07	0.024	0.051
201	10/4/2011 10:31	0.053	0	0.01
202	10/4/2011 10:32	0.058	0	0.02
203	10/4/2011 10:33	0.017	0	0.004
204	10/4/2011 10:34	0.088	0	0.03
205	10/4/2011 10:35	0.086	0	0.024
206	10/4/2011 10:36	0.039	0	0.008
207	10/4/2011 10:37	0.015	0	0.002
208	10/4/2011 10:38	0.012	0	0.002
209	10/4/2011 10:39	0.017	0	0.003
210	10/4/2011 10:40	0.004	0	0
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212	10/4/2011 10:42	0.006	0	0
213	10/4/2011 10:43	0.018	0	0.003
214	10/4/2011 10:44	0.018	0	0.001
215	10/4/2011 10:45	0.007	0	0.001
216	10/4/2011 10:46	0.023	0	0.003
217	10/4/2011 10:47	0.037	0.005	0.017
218	10/4/2011 10:48	0.011	0	0
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221	10/4/2011 10:51	0.027	0	0.005
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225	10/4/2011 10:55	0	0	0
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232	10/4/2011 11:02	0	0	0
233	10/4/2011 11:03	0	0	0
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241	10/4/2011 11:11	0	0	0
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416	10/4/2011 14:06	0	0	0
417	10/4/2011 14:07	0	0	0
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421	10/4/2011 14:11	0	0	0
422	10/4/2011 14:12	0	0	0
423	10/4/2011 14:13	0.001	0	0
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425	10/4/2011 14:15	0	0	0
426	10/4/2011 14:16	0	0	0
427	10/4/2011 14:17	0	0	0
428	10/4/2011 14:18	0	0	0
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451	10/4/2011 14:41	0	0	0
452	10/4/2011 14:42	0.089	0	0.005
453	10/4/2011 14:43	0.025	0	0
454	10/4/2011 14:44	0	0	0
455	10/4/2011 14:45	0	0	0
456	10/4/2011 14:46	0	0	0
457	10/4/2011 14:47	0	0	0
458	10/4/2011 14:48	0	0	0
459	10/4/2011 14:49	0	0	0
460	10/4/2011 14:50	0	0	0
461	10/4/2011 14:51	0	0	0
462	10/4/2011 14:52	0	0	0

463	10/4/2011 14:53	0	0	0
464	10/4/2011 14:54	0	0	0
465	10/4/2011 14:55	0	0	0
466	10/4/2011 14:56	0	0	0
467	10/4/2011 14:57	0	0	0
468	10/4/2011 14:58	0	0	0
469	10/4/2011 14:59	0	0	0
470	10/4/2011 15:00	0	0	0
471	10/4/2011 15:01	0	0	0

=====Event #14 information (end)=====

=====Event #8 information (begin)=====

[Event #8 name:]-[Event #8]2011-10-04 07:21:>>2011-10-04 15:15
[Event start time:]-2011-10-04 07:21:10[Event end time:]-2011-10-04 15:15:10

=====Event #8 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905367

Data Points: 474 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====Sensor Information : PID(ppb)

Measurement Gas : Isobutene

Calibration Time : 2011-10-04 07:19:00

Drift Value : --

Low Alarm Levels : 25847

High Alarm Levels : 51694

Span Value : 100000

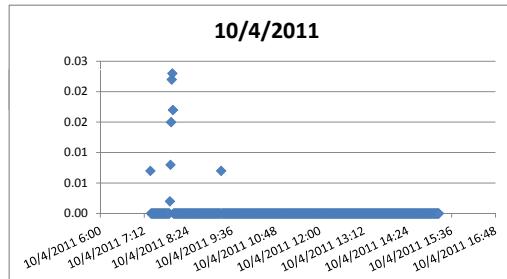
Correction Factor : 1.00

Over Alarm Levels : 15000000

=====Event #8 data informations=====

LINE#	Date/Time	PID(ppm)	PID(ppb)
-------	-----------	----------	----------

1	10/4/2011 7:22	0.01	7
2	10/4/2011 7:23	0.00	0
3	10/4/2011 7:24	0.00	0
4	10/4/2011 7:25	0.00	0
5	10/4/2011 7:26	0.00	0
6	10/4/2011 7:27	0.00	0
7	10/4/2011 7:28	0.00	0
8	10/4/2011 7:29	0.00	0
9	10/4/2011 7:30	0.00	0
10	10/4/2011 7:31	0.00	0
11	10/4/2011 7:32	0.00	0
12	10/4/2011 7:33	0.00	0
13	10/4/2011 7:34	0.00	0
14	10/4/2011 7:35	0.00	0
15	10/4/2011 7:36	0.00	0
16	10/4/2011 7:37	0.00	0
17	10/4/2011 7:38	0.00	0
18	10/4/2011 7:39	0.00	0
19	10/4/2011 7:40	0.00	0
20	10/4/2011 7:41	0.00	0
21	10/4/2011 7:42	0.00	0
22	10/4/2011 7:43	0.00	0
23	10/4/2011 7:44	0.00	0
24	10/4/2011 7:45	0.00	0
25	10/4/2011 7:46	0.00	0
26	10/4/2011 7:47	0.00	0
27	10/4/2011 7:48	0.00	0
28	10/4/2011 7:49	0.00	0
29	10/4/2011 7:50	0.00	0
30	10/4/2011 7:51	0.00	0
31	10/4/2011 7:52	0.00	0
32	10/4/2011 7:53	0.00	0
33	10/4/2011 7:54	0.00	2
34	10/4/2011 7:55	0.01	8
35	10/4/2011 7:56	0.02	15
36	10/4/2011 7:57	0.02	22
37	10/4/2011 7:58	0.02	23
38	10/4/2011 7:59	0.02	17
39	10/4/2011 8:00	0.00	0
40	10/4/2011 8:01	0.00	0
41	10/4/2011 8:02	0.00	0
42	10/4/2011 8:03	0.00	0
43	10/4/2011 8:04	0.00	0
44	10/4/2011 8:05	0.00	0
45	10/4/2011 8:06	0.00	0
46	10/4/2011 8:07	0.00	0
47	10/4/2011 8:08	0.00	0
48	10/4/2011 8:09	0.00	0



49	10/4/2011 8:10	0.00	0
50	10/4/2011 8:11	0.00	0
51	10/4/2011 8:12	0.00	0
52	10/4/2011 8:13	0.00	0
53	10/4/2011 8:14	0.00	0
54	10/4/2011 8:15	0.00	0
55	10/4/2011 8:16	0.00	0
56	10/4/2011 8:17	0.00	0
57	10/4/2011 8:18	0.00	0
58	10/4/2011 8:19	0.00	0
59	10/4/2011 8:20	0.00	0
60	10/4/2011 8:21	0.00	0
61	10/4/2011 8:22	0.00	0
62	10/4/2011 8:23	0.00	0
63	10/4/2011 8:24	0.00	0
64	10/4/2011 8:25	0.00	0
65	10/4/2011 8:26	0.00	0
66	10/4/2011 8:27	0.00	0
67	10/4/2011 8:28	0.00	0
68	10/4/2011 8:29	0.00	0
69	10/4/2011 8:30	0.00	0
70	10/4/2011 8:31	0.00	0
71	10/4/2011 8:32	0.00	0
72	10/4/2011 8:33	0.00	0
73	10/4/2011 8:34	0.00	0
74	10/4/2011 8:35	0.00	0
75	10/4/2011 8:36	0.00	0
76	10/4/2011 8:37	0.00	0
77	10/4/2011 8:38	0.00	0
78	10/4/2011 8:39	0.00	0
79	10/4/2011 8:40	0.00	0
80	10/4/2011 8:41	0.00	0
81	10/4/2011 8:42	0.00	0
82	10/4/2011 8:43	0.00	0
83	10/4/2011 8:44	0.00	0
84	10/4/2011 8:45	0.00	0
85	10/4/2011 8:46	0.00	0
86	10/4/2011 8:47	0.00	0
87	10/4/2011 8:48	0.00	0
88	10/4/2011 8:49	0.00	0
89	10/4/2011 8:50	0.00	0
90	10/4/2011 8:51	0.00	0
91	10/4/2011 8:52	0.00	0
92	10/4/2011 8:53	0.00	0
93	10/4/2011 8:54	0.00	0
94	10/4/2011 8:55	0.00	0
95	10/4/2011 8:56	0.00	0
96	10/4/2011 8:57	0.00	0
97	10/4/2011 8:58	0.00	0
98	10/4/2011 8:59	0.00	0
99	10/4/2011 9:00	0.00	0
100	10/4/2011 9:01	0.00	0
101	10/4/2011 9:02	0.00	0
102	10/4/2011 9:03	0.00	0
103	10/4/2011 9:04	0.00	0
104	10/4/2011 9:05	0.00	0
105	10/4/2011 9:06	0.00	0
106	10/4/2011 9:07	0.00	0
107	10/4/2011 9:08	0.00	0
108	10/4/2011 9:09	0.00	0
109	10/4/2011 9:10	0.00	0
110	10/4/2011 9:11	0.00	0
111	10/4/2011 9:12	0.00	0
112	10/4/2011 9:13	0.00	0
113	10/4/2011 9:14	0.00	0
114	10/4/2011 9:15	0.00	0
115	10/4/2011 9:16	0.00	0
116	10/4/2011 9:17	0.00	0
117	10/4/2011 9:18	0.01	7

118	10/4/2011 9:19	0.00	0
119	10/4/2011 9:20	0.00	0
120	10/4/2011 9:21	0.00	0
121	10/4/2011 9:22	0.00	0
122	10/4/2011 9:23	0.00	0
123	10/4/2011 9:24	0.00	0
124	10/4/2011 9:25	0.00	0
125	10/4/2011 9:26	0.00	0
126	10/4/2011 9:27	0.00	0
127	10/4/2011 9:28	0.00	0
128	10/4/2011 9:29	0.00	0
129	10/4/2011 9:30	0.00	0
130	10/4/2011 9:31	0.00	0
131	10/4/2011 9:32	0.00	0
132	10/4/2011 9:33	0.00	0
133	10/4/2011 9:34	0.00	0
134	10/4/2011 9:35	0.00	0
135	10/4/2011 9:36	0.00	0
136	10/4/2011 9:37	0.00	0
137	10/4/2011 9:38	0.00	0
138	10/4/2011 9:39	0.00	0
139	10/4/2011 9:40	0.00	0
140	10/4/2011 9:41	0.00	0
141	10/4/2011 9:42	0.00	0
142	10/4/2011 9:43	0.00	0
143	10/4/2011 9:44	0.00	0
144	10/4/2011 9:45	0.00	0
145	10/4/2011 9:46	0.00	0
146	10/4/2011 9:47	0.00	0
147	10/4/2011 9:48	0.00	0
148	10/4/2011 9:49	0.00	0
149	10/4/2011 9:50	0.00	0
150	10/4/2011 9:51	0.00	0
151	10/4/2011 9:52	0.00	0
152	10/4/2011 9:53	0.00	0
153	10/4/2011 9:54	0.00	0
154	10/4/2011 9:55	0.00	0
155	10/4/2011 9:56	0.00	0
156	10/4/2011 9:57	0.00	0
157	10/4/2011 9:58	0.00	0
158	10/4/2011 9:59	0.00	0
159	10/4/2011 10:00	0.00	0
160	10/4/2011 10:01	0.00	0
161	10/4/2011 10:02	0.00	0
162	10/4/2011 10:03	0.00	0
163	10/4/2011 10:04	0.00	0
164	10/4/2011 10:05	0.00	0
165	10/4/2011 10:06	0.00	0
166	10/4/2011 10:07	0.00	0
167	10/4/2011 10:08	0.00	0
168	10/4/2011 10:09	0.00	0
169	10/4/2011 10:10	0.00	0
170	10/4/2011 10:11	0.00	0
171	10/4/2011 10:12	0.00	0
172	10/4/2011 10:13	0.00	0
173	10/4/2011 10:14	0.00	0
174	10/4/2011 10:15	0.00	0
175	10/4/2011 10:16	0.00	0
176	10/4/2011 10:17	0.00	0
177	10/4/2011 10:18	0.00	0
178	10/4/2011 10:19	0.00	0
179	10/4/2011 10:20	0.00	0
180	10/4/2011 10:21	0.00	0
181	10/4/2011 10:22	0.00	0
182	10/4/2011 10:23	0.00	0
183	10/4/2011 10:24	0.00	0
184	10/4/2011 10:25	0.00	0
185	10/4/2011 10:26	0.00	0
186	10/4/2011 10:27	0.00	0

187	10/4/2011 10:28	0.00	0
188	10/4/2011 10:29	0.00	0
189	10/4/2011 10:30	0.00	0
190	10/4/2011 10:31	0.00	0
191	10/4/2011 10:32	0.00	0
192	10/4/2011 10:33	0.00	0
193	10/4/2011 10:34	0.00	0
194	10/4/2011 10:35	0.00	0
195	10/4/2011 10:36	0.00	0
196	10/4/2011 10:37	0.00	0
197	10/4/2011 10:38	0.00	0
198	10/4/2011 10:39	0.00	0
199	10/4/2011 10:40	0.00	0
200	10/4/2011 10:41	0.00	0
201	10/4/2011 10:42	0.00	0
202	10/4/2011 10:43	0.00	0
203	10/4/2011 10:44	0.00	0
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205	10/4/2011 10:46	0.00	0
206	10/4/2011 10:47	0.00	0
207	10/4/2011 10:48	0.00	0
208	10/4/2011 10:49	0.00	0
209	10/4/2011 10:50	0.00	0
210	10/4/2011 10:51	0.00	0
211	10/4/2011 10:52	0.00	0
212	10/4/2011 10:53	0.00	0
213	10/4/2011 10:54	0.00	0
214	10/4/2011 10:55	0.00	0
215	10/4/2011 10:56	0.00	0
216	10/4/2011 10:57	0.00	0
217	10/4/2011 10:58	0.00	0
218	10/4/2011 10:59	0.00	0
219	10/4/2011 11:00	0.00	0
220	10/4/2011 11:01	0.00	0
221	10/4/2011 11:02	0.00	0
222	10/4/2011 11:03	0.00	0
223	10/4/2011 11:04	0.00	0
224	10/4/2011 11:05	0.00	0
225	10/4/2011 11:06	0.00	0
226	10/4/2011 11:07	0.00	0
227	10/4/2011 11:08	0.00	0
228	10/4/2011 11:09	0.00	0
229	10/4/2011 11:10	0.00	0
230	10/4/2011 11:11	0.00	0
231	10/4/2011 11:12	0.00	0
232	10/4/2011 11:13	0.00	0
233	10/4/2011 11:14	0.00	0
234	10/4/2011 11:15	0.00	0
235	10/4/2011 11:16	0.00	0
236	10/4/2011 11:17	0.00	0
237	10/4/2011 11:18	0.00	0
238	10/4/2011 11:19	0.00	0
239	10/4/2011 11:20	0.00	0
240	10/4/2011 11:21	0.00	0
241	10/4/2011 11:22	0.00	0
242	10/4/2011 11:23	0.00	0
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248	10/4/2011 11:29	0.00	0
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252	10/4/2011 11:33	0.00	0
253	10/4/2011 11:34	0.00	0
254	10/4/2011 11:35	0.00	0
255	10/4/2011 11:36	0.00	0

256	10/4/2011 11:37	0.00	0
257	10/4/2011 11:38	0.00	0
258	10/4/2011 11:39	0.00	0
259	10/4/2011 11:40	0.00	0
260	10/4/2011 11:41	0.00	0
261	10/4/2011 11:42	0.00	0
262	10/4/2011 11:43	0.00	0
263	10/4/2011 11:44	0.00	0
264	10/4/2011 11:45	0.00	0
265	10/4/2011 11:46	0.00	0
266	10/4/2011 11:47	0.00	0
267	10/4/2011 11:48	0.00	0
268	10/4/2011 11:49	0.00	0
269	10/4/2011 11:50	0.00	0
270	10/4/2011 11:51	0.00	0
271	10/4/2011 11:52	0.00	0
272	10/4/2011 11:53	0.00	0
273	10/4/2011 11:54	0.00	0
274	10/4/2011 11:55	0.00	0
275	10/4/2011 11:56	0.00	0
276	10/4/2011 11:57	0.00	0
277	10/4/2011 11:58	0.00	0
278	10/4/2011 11:59	0.00	0
279	10/4/2011 12:00	0.00	0
280	10/4/2011 12:01	0.00	0
281	10/4/2011 12:02	0.00	0
282	10/4/2011 12:03	0.00	0
283	10/4/2011 12:04	0.00	0
284	10/4/2011 12:05	0.00	0
285	10/4/2011 12:06	0.00	0
286	10/4/2011 12:07	0.00	0
287	10/4/2011 12:08	0.00	0
288	10/4/2011 12:09	0.00	0
289	10/4/2011 12:10	0.00	0
290	10/4/2011 12:11	0.00	0
291	10/4/2011 12:12	0.00	0
292	10/4/2011 12:13	0.00	0
293	10/4/2011 12:14	0.00	0
294	10/4/2011 12:15	0.00	0
295	10/4/2011 12:16	0.00	0
296	10/4/2011 12:17	0.00	0
297	10/4/2011 12:18	0.00	0
298	10/4/2011 12:19	0.00	0
299	10/4/2011 12:20	0.00	0
300	10/4/2011 12:21	0.00	0
301	10/4/2011 12:22	0.00	0
302	10/4/2011 12:23	0.00	0
303	10/4/2011 12:24	0.00	0
304	10/4/2011 12:25	0.00	0
305	10/4/2011 12:26	0.00	0
306	10/4/2011 12:27	0.00	0
307	10/4/2011 12:28	0.00	0
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309	10/4/2011 12:30	0.00	0
310	10/4/2011 12:31	0.00	0
311	10/4/2011 12:32	0.00	0
312	10/4/2011 12:33	0.00	0
313	10/4/2011 12:34	0.00	0
314	10/4/2011 12:35	0.00	0
315	10/4/2011 12:36	0.00	0
316	10/4/2011 12:37	0.00	0
317	10/4/2011 12:38	0.00	0
318	10/4/2011 12:39	0.00	0
319	10/4/2011 12:40	0.00	0
320	10/4/2011 12:41	0.00	0
321	10/4/2011 12:42	0.00	0
322	10/4/2011 12:43	0.00	0
323	10/4/2011 12:44	0.00	0
324	10/4/2011 12:45	0.00	0

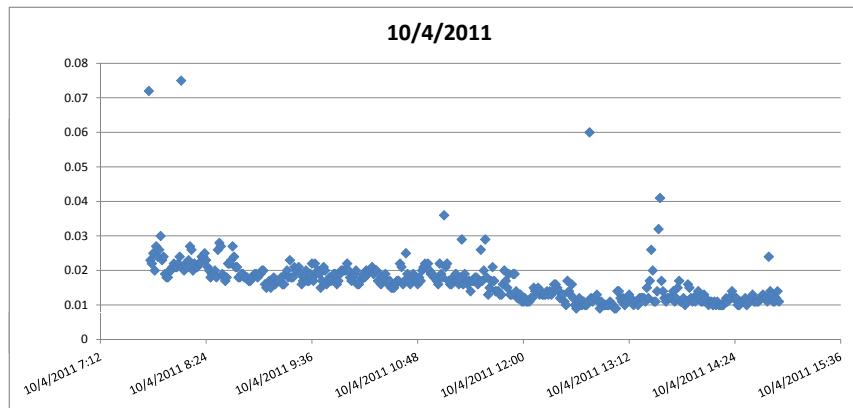
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328	10/4/2011 12:49	0.00	0
329	10/4/2011 12:50	0.00	0
330	10/4/2011 12:51	0.00	0
331	10/4/2011 12:52	0.00	0
332	10/4/2011 12:53	0.00	0
333	10/4/2011 12:54	0.00	0
334	10/4/2011 12:55	0.00	0
335	10/4/2011 12:56	0.00	0
336	10/4/2011 12:57	0.00	0
337	10/4/2011 12:58	0.00	0
338	10/4/2011 12:59	0.00	0
339	10/4/2011 13:00	0.00	0
340	10/4/2011 13:01	0.00	0
341	10/4/2011 13:02	0.00	0
342	10/4/2011 13:03	0.00	0
343	10/4/2011 13:04	0.00	0
344	10/4/2011 13:05	0.00	0
345	10/4/2011 13:06	0.00	0
346	10/4/2011 13:07	0.00	0
347	10/4/2011 13:08	0.00	0
348	10/4/2011 13:09	0.00	0
349	10/4/2011 13:10	0.00	0
350	10/4/2011 13:11	0.00	0
351	10/4/2011 13:12	0.00	0
352	10/4/2011 13:13	0.00	0
353	10/4/2011 13:14	0.00	0
354	10/4/2011 13:15	0.00	0
355	10/4/2011 13:16	0.00	0
356	10/4/2011 13:17	0.00	0
357	10/4/2011 13:18	0.00	0
358	10/4/2011 13:19	0.00	0
359	10/4/2011 13:20	0.00	0
360	10/4/2011 13:21	0.00	0
361	10/4/2011 13:22	0.00	0
362	10/4/2011 13:23	0.00	0
363	10/4/2011 13:24	0.00	0
364	10/4/2011 13:25	0.00	0
365	10/4/2011 13:26	0.00	0
366	10/4/2011 13:27	0.00	0
367	10/4/2011 13:28	0.00	0
368	10/4/2011 13:29	0.00	0
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371	10/4/2011 13:32	0.00	0
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373	10/4/2011 13:34	0.00	0
374	10/4/2011 13:35	0.00	0
375	10/4/2011 13:36	0.00	0
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382	10/4/2011 13:43	0.00	0
383	10/4/2011 13:44	0.00	0
384	10/4/2011 13:45	0.00	0
385	10/4/2011 13:46	0.00	0
386	10/4/2011 13:47	0.00	0
387	10/4/2011 13:48	0.00	0
388	10/4/2011 13:49	0.00	0
389	10/4/2011 13:50	0.00	0
390	10/4/2011 13:51	0.00	0
391	10/4/2011 13:52	0.00	0
392	10/4/2011 13:53	0.00	0
393	10/4/2011 13:54	0.00	0

394	10/4/2011 13:55	0.00	0
395	10/4/2011 13:56	0.00	0
396	10/4/2011 13:57	0.00	0
397	10/4/2011 13:58	0.00	0
398	10/4/2011 13:59	0.00	0
399	10/4/2011 14:00	0.00	0
400	10/4/2011 14:01	0.00	0
401	10/4/2011 14:02	0.00	0
402	10/4/2011 14:03	0.00	0
403	10/4/2011 14:04	0.00	0
404	10/4/2011 14:05	0.00	0
405	10/4/2011 14:06	0.00	0
406	10/4/2011 14:07	0.00	0
407	10/4/2011 14:08	0.00	0
408	10/4/2011 14:09	0.00	0
409	10/4/2011 14:10	0.00	0
410	10/4/2011 14:11	0.00	0
411	10/4/2011 14:12	0.00	0
412	10/4/2011 14:13	0.00	0
413	10/4/2011 14:14	0.00	0
414	10/4/2011 14:15	0.00	0
415	10/4/2011 14:16	0.00	0
416	10/4/2011 14:17	0.00	0
417	10/4/2011 14:18	0.00	0
418	10/4/2011 14:19	0.00	0
419	10/4/2011 14:20	0.00	0
420	10/4/2011 14:21	0.00	0
421	10/4/2011 14:22	0.00	0
422	10/4/2011 14:23	0.00	0
423	10/4/2011 14:24	0.00	0
424	10/4/2011 14:25	0.00	0
425	10/4/2011 14:26	0.00	0
426	10/4/2011 14:27	0.00	0
427	10/4/2011 14:28	0.00	0
428	10/4/2011 14:29	0.00	0
429	10/4/2011 14:30	0.00	0
430	10/4/2011 14:31	0.00	0
431	10/4/2011 14:32	0.00	0
432	10/4/2011 14:33	0.00	0
433	10/4/2011 14:34	0.00	0
434	10/4/2011 14:35	0.00	0
435	10/4/2011 14:36	0.00	0
436	10/4/2011 14:37	0.00	0
437	10/4/2011 14:38	0.00	0
438	10/4/2011 14:39	0.00	0
439	10/4/2011 14:40	0.00	0
440	10/4/2011 14:41	0.00	0
441	10/4/2011 14:42	0.00	0
442	10/4/2011 14:43	0.00	0
443	10/4/2011 14:44	0.00	0
444	10/4/2011 14:45	0.00	0
445	10/4/2011 14:46	0.00	0
446	10/4/2011 14:47	0.00	0
447	10/4/2011 14:48	0.00	0
448	10/4/2011 14:49	0.00	0
449	10/4/2011 14:50	0.00	0
450	10/4/2011 14:51	0.00	0
451	10/4/2011 14:52	0.00	0
452	10/4/2011 14:53	0.00	0
453	10/4/2011 14:54	0.00	0
454	10/4/2011 14:55	0.00	0
455	10/4/2011 14:56	0.00	0
456	10/4/2011 14:57	0.00	0
457	10/4/2011 14:58	0.00	0
458	10/4/2011 14:59	0.00	0
459	10/4/2011 15:00	0.00	0
460	10/4/2011 15:01	0.00	0
461	10/4/2011 15:02	0.00	0
462	10/4/2011 15:03	0.00	0

463	10/4/2011 15:04	0.00	0
464	10/4/2011 15:05	0.00	0
465	10/4/2011 15:06	0.00	0
466	10/4/2011 15:07	0.00	0
467	10/4/2011 15:08	0.00	0
468	10/4/2011 15:09	0.00	0
469	10/4/2011 15:10	0.00	0
470	10/4/2011 15:11	0.00	0
471	10/4/2011 15:12	0.00	0
472	10/4/2011 15:13	0.00	0
473	10/4/2011 15:14	0.00	0
474	10/4/2011 15:15	0.00	0

=====Event #8 information (end)=====

Instrument Name DustTrak DRX
 Model Number 8533
 Serial Number 8533112903
 Firmware Version 2.8
 Calibration Date 7/18/2011
 Test Name MANUAL_003
 Test Start Time 7:43:56
 Test Start Date 10/4/2011
 Test Length [D:H:M] 0:07:10
 Test Interval [M:S] 1:00
 PM1 Average [mg/m³] 0.014
 PM1 Minimum [mg/m³] 0.008
 PM1 Maximum [mg/m³] 0.044
 PM1 TWA [mg/m³] 0.013
 PM2.5 Average [mg/m³] 0.015
 PM2.5 Minimum [mg/m³] 0.008
 PM2.5 Maximum [mg/m³] 0.045
 PM2.5 TWA [mg/m³] 0.013
 PM4 Average [mg/m³] 0.015
 PM4 Minimum [mg/m³] 0.008
 PM4 Maximum [mg/m³] 0.047
 PM4 TWA [mg/m³] 0.014
 PM10 Average [mg/m³] 0.016
 PM10 Minimum [mg/m³] 0.009
 PM10 Maximum [mg/m³] 0.063
 PM10 TWA [mg/m³] 0.015
 TOTAL Average [mg/m³] 0.017
 TOTAL Minimum [mg/m³] 0.009
 TOTAL Maximum [mg/m³] 0.075
 TOTAL TWA [mg/m³] 0.015
 Photometric User Cal 1
 Size Correction User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 430



Elapsed Time [s]	PM1 [mg/m ³]	PM2.5 [mg/m ³]	PM4 [mg/m ³]	PM10 [mg/m ³]	7:43:56 Time/Date	TOTAL [mg/m ³]	Alarms	Errors
60	0.033	0.034	0.035	0.055	7:44:56 10/4/2011 7:44	0.072		
120	0.02	0.021	0.021	0.023	7:45:56 10/4/2011 7:45	0.023		
180	0.02	0.02	0.02	0.022	7:46:56 10/4/2011 7:46	0.022		
240	0.022	0.022	0.023	0.024	7:47:56 10/4/2011 7:47	0.025		
300	0.019	0.02	0.02	0.02	7:48:56 10/4/2011 7:48	0.02		
360	0.026	0.026	0.026	0.027	7:49:56 10/4/2011 7:49	0.027		
420	0.023	0.023	0.023	0.024	7:50:56 10/4/2011 7:50	0.024		
480	0.024	0.024	0.025	0.026	7:51:56 10/4/2011 7:51	0.026		
540	0.027	0.027	0.028	0.029	7:52:56 10/4/2011 7:52	0.03		
600	0.022	0.022	0.022	0.023	7:53:56 10/4/2011 7:53	0.023		
660	0.023	0.023	0.023	0.024	7:54:56 10/4/2011 7:54	0.024		
720	0.018	0.018	0.018	0.019	7:55:56 10/4/2011 7:55	0.019		
780	0.017	0.017	0.017	0.018	7:56:56 10/4/2011 7:56	0.018		
840	0.017	0.018	0.018	0.018	7:57:56 10/4/2011 7:57	0.018		
900	0.019	0.019	0.019	0.02	7:58:56 10/4/2011 7:58	0.02		
960	0.019	0.019	0.019	0.02	7:59:56 10/4/2011 7:59	0.02		
1020	0.019	0.019	0.02	0.021	8:00:56 10/4/2011 8:00	0.021		
1080	0.02	0.02	0.021	0.022	8:01:56 10/4/2011 8:01	0.022		
1140	0.019	0.019	0.02	0.021	8:02:56 10/4/2011 8:02	0.021		
1200	0.019	0.019	0.02	0.021	8:03:56 10/4/2011 8:03	0.021		
1260	0.019	0.02	0.02	0.022	8:04:56 10/4/2011 8:04	0.022		
1320	0.02	0.021	0.021	0.023	8:05:56 10/4/2011 8:05	0.024		
1380	0.044	0.045	0.047	0.063	8:06:56 10/4/2011 8:06	0.075		
1440	0.019	0.02	0.02	0.021	8:07:56 10/4/2011 8:07	0.021		
1500	0.018	0.019	0.019	0.02	8:08:56 10/4/2011 8:08	0.02		
1560	0.019	0.02	0.02	0.021	8:09:56 10/4/2011 8:09	0.022		
1620	0.019	0.02	0.02	0.021	8:10:56 10/4/2011 8:10	0.021		
1680	0.02	0.02	0.021	0.023	8:11:56 10/4/2011 8:11	0.023		
1740	0.022	0.023	0.024	0.027	8:12:56 10/4/2011 8:12	0.027		
1800	0.021	0.021	0.023	0.026	8:13:56 10/4/2011 8:13	0.026		
1860	0.018	0.018	0.019	0.02	8:14:56 10/4/2011 8:14	0.02		
1920	0.018	0.019	0.02	0.022	8:15:56 10/4/2011 8:15	0.022		

1980	0.018	0.018	0.019	0.021	8:16:56	10/4/2011 8:16	0.021
2040	0.019	0.019	0.02	0.021	8:17:56	10/4/2011 8:17	0.021
2100	0.019	0.019	0.02	0.021	8:18:56	10/4/2011 8:18	0.022
2160	0.019	0.019	0.02	0.022	8:19:56	10/4/2011 8:19	0.022
2220	0.021	0.021	0.022	0.024	8:20:56	10/4/2011 8:20	0.024
2280	0.021	0.021	0.022	0.024	8:21:56	10/4/2011 8:21	0.024
2340	0.021	0.022	0.022	0.024	8:22:56	10/4/2011 8:22	0.025
2400	0.02	0.02	0.021	0.023	8:23:56	10/4/2011 8:23	0.023
2460	0.018	0.019	0.019	0.021	8:24:56	10/4/2011 8:24	0.021
2520	0.018	0.019	0.019	0.02	8:25:56	10/4/2011 8:25	0.02
2580	0.017	0.017	0.017	0.018	8:26:56	10/4/2011 8:26	0.018
2640	0.018	0.018	0.019	0.019	8:27:56	10/4/2011 8:27	0.019
2700	0.018	0.018	0.018	0.019	8:28:56	10/4/2011 8:28	0.019
2760	0.017	0.018	0.018	0.019	8:29:56	10/4/2011 8:29	0.02
2820	0.017	0.017	0.017	0.018	8:30:56	10/4/2011 8:30	0.018
2880	0.022	0.023	0.023	0.026	8:31:56	10/4/2011 8:31	0.026
2940	0.024	0.024	0.025	0.028	8:32:56	10/4/2011 8:32	0.028
3000	0.023	0.023	0.024	0.026	8:33:56	10/4/2011 8:33	0.027
3060	0.017	0.017	0.018	0.018	8:34:56	10/4/2011 8:34	0.019
3120	0.016	0.017	0.017	0.018	8:35:56	10/4/2011 8:35	0.018
3180	0.015	0.016	0.016	0.017	8:36:56	10/4/2011 8:36	0.017
3240	0.017	0.017	0.017	0.018	8:37:56	10/4/2011 8:37	0.018
3300	0.019	0.019	0.02	0.022	8:38:56	10/4/2011 8:38	0.022
3360	0.019	0.02	0.02	0.022	8:39:56	10/4/2011 8:39	0.022
3420	0.021	0.021	0.022	0.023	8:40:56	10/4/2011 8:40	0.023
3480	0.022	0.023	0.024	0.026	8:41:56	10/4/2011 8:41	0.027
3540	0.02	0.02	0.021	0.024	8:42:56	10/4/2011 8:42	0.024
3600	0.018	0.018	0.019	0.021	8:43:56	10/4/2011 8:43	0.021
3660	0.018	0.018	0.019	0.021	8:44:56	10/4/2011 8:44	0.021
3720	0.016	0.017	0.017	0.018	8:45:56	10/4/2011 8:45	0.018
3780	0.016	0.017	0.017	0.018	8:46:56	10/4/2011 8:46	0.018
3840	0.017	0.018	0.018	0.019	8:47:56	10/4/2011 8:47	0.019
3900	0.017	0.017	0.018	0.019	8:48:56	10/4/2011 8:48	0.019
3960	0.016	0.016	0.017	0.018	8:49:56	10/4/2011 8:49	0.018
4020	0.016	0.017	0.017	0.018	8:50:56	10/4/2011 8:50	0.018
4080	0.016	0.016	0.017	0.017	8:51:56	10/4/2011 8:51	0.018
4140	0.016	0.016	0.017	0.017	8:52:56	10/4/2011 8:52	0.017
4200	0.016	0.016	0.016	0.017	8:53:56	10/4/2011 8:53	0.017
4260	0.016	0.016	0.017	0.018	8:54:56	10/4/2011 8:54	0.018
4320	0.016	0.017	0.017	0.018	8:55:56	10/4/2011 8:55	0.018
4380	0.018	0.018	0.019	0.019	8:56:56	10/4/2011 8:56	0.019
4440	0.017	0.018	0.018	0.019	8:57:56	10/4/2011 8:57	0.019
4500	0.016	0.017	0.017	0.018	8:58:56	10/4/2011 8:58	0.018
4560	0.017	0.017	0.018	0.019	8:59:56	10/4/2011 8:59	0.019
4620	0.017	0.017	0.018	0.019	9:00:56	10/4/2011 9:00	0.019
4680	0.017	0.017	0.018	0.019	9:01:56	10/4/2011 9:01	0.02
4740	0.017	0.018	0.018	0.02	9:02:56	10/4/2011 9:02	0.02
4800	0.015	0.015	0.015	0.016	9:03:56	10/4/2011 9:03	0.016
4860	0.014	0.014	0.014	0.014	9:04:56	10/4/2011 9:04	0.015
4920	0.014	0.015	0.015	0.016	9:05:56	10/4/2011 9:05	0.016
4980	0.015	0.015	0.016	0.017	9:06:56	10/4/2011 9:06	0.017
5040	0.014	0.014	0.015	0.015	9:07:56	10/4/2011 9:07	0.015
5100	0.015	0.016	0.016	0.017	9:08:56	10/4/2011 9:08	0.017
5160	0.016	0.016	0.016	0.017	9:09:56	10/4/2011 9:09	0.018
5220	0.015	0.015	0.015	0.015	9:10:56	10/4/2011 9:10	0.016
5280	0.017	0.017	0.017	0.017	9:11:56	10/4/2011 9:11	0.017
5340	0.015	0.016	0.016	0.017	9:12:56	10/4/2011 9:12	0.017
5400	0.016	0.016	0.016	0.017	9:13:56	10/4/2011 9:13	0.017
5460	0.016	0.016	0.017	0.018	9:14:56	10/4/2011 9:14	0.018
5520	0.015	0.016	0.016	0.016	9:15:56	10/4/2011 9:15	0.016
5580	0.015	0.015	0.015	0.015	9:16:56	10/4/2011 9:16	0.016
5640	0.017	0.017	0.018	0.019	9:17:56	10/4/2011 9:17	0.019
5700	0.017	0.018	0.018	0.019	9:18:56	10/4/2011 9:18	0.02
5760	0.017	0.017	0.017	0.018	9:19:56	10/4/2011 9:19	0.018
5820	0.022	0.022	0.022	0.023	9:20:56	10/4/2011 9:20	0.023
5880	0.016	0.017	0.017	0.018	9:21:56	10/4/2011 9:21	0.018
5940	0.017	0.017	0.018	0.018	9:22:56	10/4/2011 9:22	0.018
6000	0.019	0.019	0.02	0.021	9:23:56	10/4/2011 9:23	0.021
6060	0.019	0.019	0.02	0.02	9:24:56	10/4/2011 9:24	0.02

6120	0.018	0.019	0.019	0.02	9:25:56	10/4/2011 9:25	0.02
6180	0.018	0.019	0.019	0.021	9:26:56	10/4/2011 9:26	0.021
6240	0.017	0.017	0.017	0.019	9:27:56	10/4/2011 9:27	0.019
6300	0.015	0.015	0.015	0.016	9:28:56	10/4/2011 9:28	0.016
6360	0.015	0.016	0.016	0.017	9:29:56	10/4/2011 9:29	0.017
6420	0.016	0.016	0.016	0.018	9:30:56	10/4/2011 9:30	0.018
6480	0.017	0.017	0.018	0.02	9:31:56	10/4/2011 9:31	0.02
6540	0.015	0.015	0.016	0.017	9:32:56	10/4/2011 9:32	0.017
6600	0.015	0.015	0.016	0.016	9:33:56	10/4/2011 9:33	0.017
6660	0.017	0.017	0.017	0.019	9:34:56	10/4/2011 9:34	0.019
6720	0.019	0.019	0.02	0.022	9:35:56	10/4/2011 9:35	0.022
6780	0.015	0.015	0.016	0.017	9:36:56	10/4/2011 9:36	0.017
6840	0.016	0.016	0.017	0.019	9:37:56	10/4/2011 9:37	0.022
6900	0.017	0.017	0.018	0.019	9:38:56	10/4/2011 9:38	0.019
6960	0.018	0.018	0.019	0.02	9:39:56	10/4/2011 9:39	0.02
7020	0.017	0.017	0.018	0.019	9:40:56	10/4/2011 9:40	0.019
7080	0.014	0.014	0.014	0.015	9:41:56	10/4/2011 9:41	0.015
7140	0.016	0.016	0.016	0.017	9:42:56	10/4/2011 9:42	0.017
7200	0.018	0.019	0.019	0.021	9:43:56	10/4/2011 9:43	0.021
7260	0.017	0.018	0.018	0.02	9:44:56	10/4/2011 9:44	0.02
7320	0.015	0.015	0.015	0.016	9:45:56	10/4/2011 9:45	0.016
7380	0.015	0.016	0.016	0.017	9:46:56	10/4/2011 9:46	0.017
7440	0.016	0.016	0.016	0.017	9:47:56	10/4/2011 9:47	0.018
7500	0.015	0.016	0.016	0.017	9:48:56	10/4/2011 9:48	0.017
7560	0.017	0.017	0.017	0.018	9:49:56	10/4/2011 9:49	0.018
7620	0.017	0.017	0.018	0.019	9:50:56	10/4/2011 9:50	0.019
7680	0.017	0.017	0.018	0.019	9:51:56	10/4/2011 9:51	0.019
7740	0.015	0.015	0.015	0.016	9:52:56	10/4/2011 9:52	0.016
7800	0.015	0.016	0.016	0.017	9:53:56	10/4/2011 9:53	0.017
7860	0.017	0.017	0.018	0.019	9:54:56	10/4/2011 9:54	0.019
7920	0.017	0.018	0.018	0.019	9:55:56	10/4/2011 9:55	0.02
7980	0.018	0.018	0.019	0.02	9:56:56	10/4/2011 9:56	0.02
8040	0.017	0.018	0.018	0.02	9:57:56	10/4/2011 9:57	0.02
8100	0.018	0.018	0.019	0.02	9:58:56	10/4/2011 9:58	0.02
8160	0.02	0.02	0.02	0.022	9:59:56	10/4/2011 9:59	0.022
8220	0.017	0.017	0.018	0.019	10:00:56	10/4/2011 10:00	0.02
8280	0.017	0.017	0.017	0.018	10:01:56	10/4/2011 10:01	0.018
8340	0.016	0.016	0.016	0.017	10:02:56	10/4/2011 10:02	0.017
8400	0.016	0.016	0.017	0.018	10:03:56	10/4/2011 10:03	0.018
8460	0.016	0.017	0.017	0.018	10:04:56	10/4/2011 10:04	0.019
8520	0.017	0.017	0.018	0.019	10:05:56	10/4/2011 10:05	0.02
8580	0.015	0.015	0.016	0.016	10:06:56	10/4/2011 10:06	0.016
8640	0.015	0.015	0.015	0.016	10:07:56	10/4/2011 10:07	0.016
8700	0.016	0.016	0.017	0.017	10:08:56	10/4/2011 10:08	0.017
8760	0.017	0.017	0.017	0.018	10:09:56	10/4/2011 10:09	0.018
8820	0.017	0.018	0.018	0.019	10:10:56	10/4/2011 10:10	0.019
8880	0.017	0.017	0.017	0.018	10:11:56	10/4/2011 10:11	0.018
8940	0.017	0.017	0.018	0.019	10:12:56	10/4/2011 10:12	0.02
9000	0.017	0.018	0.018	0.019	10:13:56	10/4/2011 10:13	0.019
9060	0.019	0.019	0.02	0.02	10:14:56	10/4/2011 10:14	0.02
9120	0.018	0.019	0.019	0.019	10:15:56	10/4/2011 10:15	0.02
9180	0.019	0.019	0.019	0.02	10:16:56	10/4/2011 10:16	0.021
9240	0.018	0.018	0.019	0.019	10:17:56	10/4/2011 10:17	0.019
9300	0.018	0.018	0.019	0.02	10:18:56	10/4/2011 10:18	0.02
9360	0.017	0.018	0.018	0.02	10:19:56	10/4/2011 10:19	0.02
9420	0.016	0.016	0.016	0.017	10:20:56	10/4/2011 10:20	0.017
9480	0.018	0.018	0.019	0.019	10:21:56	10/4/2011 10:21	0.019
9540	0.016	0.016	0.016	0.016	10:22:56	10/4/2011 10:22	0.016
9600	0.016	0.016	0.016	0.017	10:23:56	10/4/2011 10:23	0.017
9660	0.016	0.017	0.017	0.018	10:24:56	10/4/2011 10:24	0.018
9720	0.017	0.017	0.018	0.019	10:25:56	10/4/2011 10:25	0.019
9780	0.016	0.016	0.016	0.017	10:26:56	10/4/2011 10:26	0.017
9840	0.015	0.015	0.016	0.016	10:27:56	10/4/2011 10:27	0.016
9900	0.015	0.015	0.016	0.016	10:28:56	10/4/2011 10:28	0.017
9960	0.015	0.015	0.015	0.015	10:29:56	10/4/2011 10:29	0.015
10020	0.014	0.015	0.015	0.015	10:30:56	10/4/2011 10:30	0.015
10080	0.014	0.014	0.015	0.015	10:31:56	10/4/2011 10:31	0.015
10140	0.015	0.015	0.015	0.016	10:32:56	10/4/2011 10:32	0.016
10200	0.015	0.016	0.016	0.017	10:33:56	10/4/2011 10:33	0.017

10260	0.016	0.016	0.016	0.017	10:34:56	10/4/2011 10:34	0.017
10320	0.021	0.021	0.021	0.022	10:35:56	10/4/2011 10:35	0.022
10380	0.018	0.019	0.019	0.021	10:36:56	10/4/2011 10:36	0.021
10440	0.015	0.015	0.015	0.016	10:37:56	10/4/2011 10:37	0.016
10500	0.015	0.016	0.016	0.017	10:38:56	10/4/2011 10:38	0.017
10560	0.02	0.02	0.022	0.025	10:39:56	10/4/2011 10:39	0.025
10620	0.016	0.016	0.017	0.019	10:40:56	10/4/2011 10:40	0.019
10680	0.016	0.016	0.016	0.017	10:41:56	10/4/2011 10:41	0.017
10740	0.015	0.016	0.016	0.016	10:42:56	10/4/2011 10:42	0.016
10800	0.017	0.017	0.018	0.018	10:43:56	10/4/2011 10:43	0.018
10860	0.017	0.018	0.018	0.019	10:44:56	10/4/2011 10:44	0.019
10920	0.017	0.017	0.017	0.018	10:45:56	10/4/2011 10:45	0.018
10980	0.016	0.016	0.016	0.017	10:46:56	10/4/2011 10:46	0.017
11040	0.015	0.015	0.016	0.016	10:47:56	10/4/2011 10:47	0.016
11100	0.016	0.016	0.017	0.018	10:48:56	10/4/2011 10:48	0.018
11160	0.016	0.016	0.017	0.017	10:49:56	10/4/2011 10:49	0.017
11220	0.017	0.017	0.017	0.019	10:50:56	10/4/2011 10:50	0.02
11280	0.018	0.019	0.019	0.021	10:51:56	10/4/2011 10:51	0.021
11340	0.021	0.021	0.021	0.022	10:52:56	10/4/2011 10:52	0.022
11400	0.018	0.018	0.019	0.021	10:53:56	10/4/2011 10:53	0.021
11460	0.019	0.019	0.02	0.022	10:54:56	10/4/2011 10:54	0.022
11520	0.017	0.017	0.017	0.019	10:55:56	10/4/2011 10:55	0.02
11580	0.017	0.017	0.017	0.018	10:56:56	10/4/2011 10:56	0.019
11640	0.017	0.017	0.018	0.019	10:57:56	10/4/2011 10:57	0.019
11700	0.016	0.016	0.017	0.018	10:58:56	10/4/2011 10:58	0.018
11760	0.016	0.016	0.017	0.018	10:59:56	10/4/2011 10:59	0.018
11820	0.015	0.016	0.016	0.017	11:00:56	10/4/2011 11:00	0.017
11880	0.015	0.015	0.016	0.016	11:01:56	10/4/2011 11:01	0.016
11940	0.018	0.018	0.019	0.022	11:02:56	10/4/2011 11:02	0.022
12000	0.017	0.017	0.018	0.019	11:03:56	10/4/2011 11:03	0.019
12060	0.016	0.016	0.017	0.017	11:04:56	10/4/2011 11:04	0.018
12120	0.033	0.033	0.034	0.035	11:05:56	10/4/2011 11:05	0.036
12180	0.019	0.019	0.02	0.021	11:06:56	10/4/2011 11:06	0.021
12240	0.02	0.02	0.02	0.021	11:07:56	10/4/2011 11:07	0.022
12300	0.015	0.015	0.016	0.017	11:08:56	10/4/2011 11:08	0.017
12360	0.015	0.015	0.015	0.016	11:09:56	10/4/2011 11:09	0.016
12420	0.015	0.015	0.015	0.016	11:10:56	10/4/2011 11:10	0.016
12480	0.016	0.016	0.017	0.018	11:11:56	10/4/2011 11:11	0.018
12540	0.016	0.016	0.016	0.017	11:12:56	10/4/2011 11:12	0.017
12600	0.017	0.017	0.018	0.019	11:13:56	10/4/2011 11:13	0.019
12660	0.015	0.015	0.016	0.016	11:14:56	10/4/2011 11:14	0.017
12720	0.015	0.015	0.016	0.016	11:15:56	10/4/2011 11:15	0.016
12780	0.016	0.016	0.016	0.017	11:16:56	10/4/2011 11:16	0.018
12840	0.019	0.02	0.022	0.027	11:17:56	10/4/2011 11:17	0.029
12900	0.014	0.015	0.015	0.016	11:18:56	10/4/2011 11:18	0.016
12960	0.015	0.016	0.017	0.019	11:19:56	10/4/2011 11:19	0.019
13020	0.014	0.014	0.015	0.017	11:20:56	10/4/2011 11:20	0.017
13080	0.014	0.014	0.015	0.016	11:21:56	10/4/2011 11:21	0.016
13140	0.015	0.016	0.016	0.017	11:22:56	10/4/2011 11:22	0.017
13200	0.013	0.013	0.014	0.014	11:23:56	10/4/2011 11:23	0.014
13260	0.014	0.015	0.015	0.017	11:24:56	10/4/2011 11:24	0.017
13320	0.014	0.014	0.015	0.017	11:25:56	10/4/2011 11:25	0.017
13380	0.013	0.014	0.015	0.018	11:26:56	10/4/2011 11:26	0.018
13440	0.013	0.014	0.015	0.018	11:27:56	10/4/2011 11:27	0.018
13500	0.012	0.013	0.013	0.015	11:28:56	10/4/2011 11:28	0.016
13560	0.013	0.014	0.015	0.017	11:29:56	10/4/2011 11:29	0.017
13620	0.016	0.017	0.019	0.025	11:30:56	10/4/2011 11:30	0.026
13680	0.013	0.014	0.015	0.017	11:31:56	10/4/2011 11:31	0.017
13740	0.014	0.014	0.015	0.019	11:32:56	10/4/2011 11:32	0.02
13800	0.017	0.018	0.02	0.027	11:33:56	10/4/2011 11:33	0.029
13860	0.013	0.013	0.015	0.018	11:34:56	10/4/2011 11:34	0.018
13920	0.011	0.011	0.011	0.013	11:35:56	10/4/2011 11:35	0.013
13980	0.013	0.013	0.014	0.015	11:36:56	10/4/2011 11:36	0.015
14040	0.013	0.014	0.014	0.016	11:37:56	10/4/2011 11:37	0.017
14100	0.015	0.016	0.017	0.021	11:38:56	10/4/2011 11:38	0.021
14160	0.014	0.015	0.015	0.017	11:39:56	10/4/2011 11:39	0.017
14220	0.013	0.013	0.013	0.014	11:40:56	10/4/2011 11:40	0.014
14280	0.013	0.013	0.014	0.014	11:41:56	10/4/2011 11:41	0.014
14340	0.013	0.013	0.013	0.014	11:42:56	10/4/2011 11:42	0.014

14400	0.012	0.012	0.013	0.013	11:43:56	10/4/2011 11:43	0.013
14460	0.012	0.013	0.013	0.013	11:44:56	10/4/2011 11:44	0.013
14520	0.013	0.013	0.014	0.015	11:45:56	10/4/2011 11:45	0.016
14580	0.015	0.016	0.017	0.02	11:46:56	10/4/2011 11:46	0.02
14640	0.013	0.014	0.014	0.017	11:47:56	10/4/2011 11:47	0.017
14700	0.013	0.013	0.014	0.015	11:48:56	10/4/2011 11:48	0.015
14760	0.017	0.017	0.017	0.018	11:49:56	10/4/2011 11:49	0.019
14820	0.012	0.012	0.012	0.013	11:50:56	10/4/2011 11:50	0.013
14880	0.012	0.012	0.012	0.013	11:51:56	10/4/2011 11:51	0.013
14940	0.015	0.015	0.016	0.019	11:52:56	10/4/2011 11:52	0.019
15000	0.014	0.014	0.015	0.018	11:53:56	10/4/2011 11:53	0.019
15060	0.012	0.012	0.012	0.014	11:54:56	10/4/2011 11:54	0.014
15120	0.011	0.011	0.011	0.012	11:55:56	10/4/2011 11:55	0.012
15180	0.012	0.012	0.012	0.012	11:56:56	10/4/2011 11:56	0.012
15240	0.011	0.012	0.012	0.013	11:57:56	10/4/2011 11:57	0.013
15300	0.01	0.01	0.01	0.011	11:58:56	10/4/2011 11:58	0.011
15360	0.01	0.01	0.011	0.011	11:59:56	10/4/2011 11:59	0.011
15420	0.011	0.011	0.011	0.012	12:00:56	10/4/2011 12:00	0.012
15480	0.01	0.011	0.011	0.011	12:01:56	10/4/2011 12:01	0.011
15540	0.01	0.01	0.011	0.011	12:02:56	10/4/2011 12:02	0.011
15600	0.01	0.01	0.011	0.011	12:03:56	10/4/2011 12:03	0.011
15660	0.01	0.011	0.011	0.012	12:04:56	10/4/2011 12:04	0.012
15720	0.011	0.011	0.011	0.012	12:05:56	10/4/2011 12:05	0.012
15780	0.013	0.013	0.013	0.015	12:06:56	10/4/2011 12:06	0.015
15840	0.012	0.013	0.013	0.014	12:07:56	10/4/2011 12:07	0.014
15900	0.012	0.012	0.013	0.014	12:08:56	10/4/2011 12:08	0.014
15960	0.013	0.013	0.014	0.015	12:09:56	10/4/2011 12:09	0.015
16020	0.012	0.012	0.012	0.013	12:10:56	10/4/2011 12:10	0.013
16080	0.012	0.012	0.013	0.014	12:11:56	10/4/2011 12:11	0.014
16140	0.011	0.012	0.012	0.013	12:12:56	10/4/2011 12:12	0.013
16200	0.011	0.011	0.012	0.012	12:13:56	10/4/2011 12:13	0.013
16260	0.012	0.012	0.012	0.013	12:14:56	10/4/2011 12:14	0.013
16320	0.012	0.012	0.013	0.014	12:15:56	10/4/2011 12:15	0.014
16380	0.012	0.012	0.012	0.013	12:16:56	10/4/2011 12:16	0.013
16440	0.012	0.012	0.013	0.014	12:17:56	10/4/2011 12:17	0.014
16500	0.012	0.012	0.012	0.013	12:18:56	10/4/2011 12:18	0.013
16560	0.012	0.012	0.013	0.013	12:19:56	10/4/2011 12:19	0.014
16620	0.013	0.013	0.014	0.015	12:20:56	10/4/2011 12:20	0.016
16680	0.013	0.013	0.014	0.016	12:21:56	10/4/2011 12:21	0.016
16740	0.012	0.013	0.013	0.015	12:22:56	10/4/2011 12:22	0.015
16800	0.012	0.012	0.013	0.014	12:23:56	10/4/2011 12:23	0.014
16860	0.011	0.011	0.011	0.012	12:24:56	10/4/2011 12:24	0.012
16920	0.012	0.012	0.012	0.013	12:25:56	10/4/2011 12:25	0.013
16980	0.011	0.011	0.012	0.013	12:26:56	10/4/2011 12:26	0.013
17040	0.01	0.01	0.01	0.011	12:27:56	10/4/2011 12:27	0.011
17100	0.01	0.01	0.01	0.01	12:28:56	10/4/2011 12:28	0.01
17160	0.016	0.016	0.016	0.017	12:29:56	10/4/2011 12:29	0.017
17220	0.013	0.013	0.013	0.014	12:30:56	10/4/2011 12:30	0.014
17280	0.012	0.012	0.012	0.013	12:31:56	10/4/2011 12:31	0.013
17340	0.014	0.014	0.014	0.015	12:32:56	10/4/2011 12:32	0.016
17400	0.011	0.011	0.011	0.012	12:33:56	10/4/2011 12:33	0.012
17460	0.009	0.009	0.009	0.01	12:34:56	10/4/2011 12:34	0.01
17520	0.009	0.009	0.009	0.009	12:35:56	10/4/2011 12:35	0.009
17580	0.009	0.009	0.01	0.01	12:36:56	10/4/2011 12:36	0.01
17640	0.01	0.01	0.01	0.011	12:37:56	10/4/2011 12:37	0.012
17700	0.009	0.009	0.01	0.01	12:38:56	10/4/2011 12:38	0.01
17760	0.009	0.009	0.01	0.01	12:39:56	10/4/2011 12:39	0.01
17820	0.009	0.01	0.01	0.011	12:40:56	10/4/2011 12:40	0.011
17880	0.009	0.009	0.01	0.01	12:41:56	10/4/2011 12:41	0.01
17940	0.009	0.009	0.01	0.01	12:42:56	10/4/2011 12:42	0.01
18000	0.009	0.01	0.01	0.011	12:43:56	10/4/2011 12:43	0.011
18060	0.039	0.039	0.04	0.051	12:44:56	10/4/2011 12:44	0.06
18120	0.01	0.01	0.011	0.012	12:45:56	10/4/2011 12:45	0.012
18180	0.01	0.01	0.01	0.011	12:46:56	10/4/2011 12:46	0.011
18240	0.01	0.01	0.011	0.012	12:47:56	10/4/2011 12:47	0.012
18300	0.01	0.01	0.011	0.011	12:48:56	10/4/2011 12:48	0.012
18360	0.011	0.011	0.011	0.013	12:49:56	10/4/2011 12:49	0.013
18420	0.01	0.01	0.01	0.011	12:50:56	10/4/2011 12:50	0.011
18480	0.009	0.009	0.009	0.009	12:51:56	10/4/2011 12:51	0.009

18540	0.009	0.009	0.01	0.011	12:52:56	10/4/2011 12:52	0.011
18600	0.009	0.009	0.009	0.01	12:53:56	10/4/2011 12:53	0.01
18660	0.009	0.009	0.009	0.01	12:54:56	10/4/2011 12:54	0.01
18720	0.009	0.009	0.01	0.01	12:55:56	10/4/2011 12:55	0.01
18780	0.009	0.009	0.01	0.01	12:56:56	10/4/2011 12:56	0.01
18840	0.009	0.009	0.01	0.01	12:57:56	10/4/2011 12:57	0.01
18900	0.009	0.01	0.01	0.01	12:58:56	10/4/2011 12:58	0.011
18960	0.009	0.009	0.01	0.01	12:59:56	10/4/2011 12:59	0.01
19020	0.009	0.009	0.01	0.01	13:00:56	10/4/2011 13:00	0.01
19080	0.008	0.008	0.008	0.009	13:01:56	10/4/2011 13:01	0.009
19140	0.008	0.008	0.009	0.009	13:02:56	10/4/2011 13:02	0.009
19200	0.011	0.011	0.012	0.013	13:03:56	10/4/2011 13:03	0.014
19260	0.011	0.011	0.012	0.013	13:04:56	10/4/2011 13:04	0.014
19320	0.01	0.01	0.01	0.012	13:05:56	10/4/2011 13:05	0.012
19380	0.009	0.01	0.01	0.011	13:06:56	10/4/2011 13:06	0.011
19440	0.01	0.01	0.011	0.012	13:07:56	10/4/2011 13:07	0.012
19500	0.009	0.01	0.01	0.01	13:08:56	10/4/2011 13:08	0.01
19560	0.01	0.01	0.01	0.011	13:09:56	10/4/2011 13:09	0.011
19620	0.011	0.011	0.011	0.012	13:10:56	10/4/2011 13:10	0.012
19680	0.011	0.011	0.012	0.013	13:11:56	10/4/2011 13:11	0.013
19740	0.011	0.011	0.011	0.012	13:12:56	10/4/2011 13:12	0.012
19800	0.01	0.01	0.01	0.011	13:13:56	10/4/2011 13:13	0.011
19860	0.009	0.009	0.01	0.01	13:14:56	10/4/2011 13:14	0.01
19920	0.01	0.01	0.01	0.01	13:15:56	10/4/2011 13:15	0.011
19980	0.01	0.01	0.01	0.011	13:16:56	10/4/2011 13:16	0.011
20040	0.009	0.009	0.009	0.01	13:17:56	10/4/2011 13:17	0.01
20100	0.011	0.011	0.011	0.012	13:18:56	10/4/2011 13:18	0.012
20160	0.01	0.01	0.011	0.012	13:19:56	10/4/2011 13:19	0.012
20220	0.011	0.011	0.011	0.012	13:20:56	10/4/2011 13:20	0.012
20280	0.011	0.011	0.011	0.012	13:21:56	10/4/2011 13:21	0.012
20340	0.01	0.01	0.011	0.011	13:22:56	10/4/2011 13:22	0.011
20400	0.012	0.012	0.013	0.014	13:23:56	10/4/2011 13:23	0.015
20460	0.011	0.011	0.011	0.012	13:24:56	10/4/2011 13:24	0.012
20520	0.013	0.014	0.014	0.016	13:25:56	10/4/2011 13:25	0.017
20580	0.018	0.018	0.02	0.024	13:26:56	10/4/2011 13:26	0.026
20640	0.014	0.015	0.016	0.019	13:27:56	10/4/2011 13:27	0.02
20700	0.01	0.01	0.011	0.011	13:28:56	10/4/2011 13:28	0.011
20760	0.01	0.01	0.01	0.011	13:29:56	10/4/2011 13:29	0.011
20820	0.011	0.012	0.012	0.013	13:30:56	10/4/2011 13:30	0.014
20880	0.019	0.02	0.023	0.031	13:31:56	10/4/2011 13:31	0.032
20940	0.021	0.023	0.027	0.041	13:32:56	10/4/2011 13:32	0.041
21000	0.012	0.013	0.014	0.016	13:33:56	10/4/2011 13:33	0.017
21060	0.011	0.012	0.012	0.014	13:34:56	10/4/2011 13:34	0.014
21120	0.01	0.01	0.011	0.011	13:35:56	10/4/2011 13:35	0.012
21180	0.01	0.01	0.011	0.011	13:36:56	10/4/2011 13:36	0.011
21240	0.01	0.01	0.011	0.012	13:37:56	10/4/2011 13:37	0.012
21300	0.01	0.011	0.011	0.012	13:38:56	10/4/2011 13:38	0.012
21360	0.01	0.01	0.011	0.011	13:39:56	10/4/2011 13:39	0.012
21420	0.01	0.011	0.011	0.012	13:40:56	10/4/2011 13:40	0.012
21480	0.011	0.011	0.012	0.014	13:41:56	10/4/2011 13:41	0.014
21540	0.01	0.01	0.01	0.011	13:42:56	10/4/2011 13:42	0.011
21600	0.01	0.01	0.011	0.012	13:43:56	10/4/2011 13:43	0.012
21660	0.011	0.011	0.012	0.015	13:44:56	10/4/2011 13:44	0.015
21720	0.013	0.013	0.014	0.017	13:45:56	10/4/2011 13:45	0.017
21780	0.01	0.01	0.01	0.011	13:46:56	10/4/2011 13:46	0.011
21840	0.01	0.01	0.01	0.011	13:47:56	10/4/2011 13:47	0.011
21900	0.011	0.011	0.011	0.012	13:48:56	10/4/2011 13:48	0.012
21960	0.01	0.01	0.01	0.01	13:49:56	10/4/2011 13:49	0.01
22020	0.01	0.01	0.01	0.01	13:50:56	10/4/2011 13:50	0.011
22080	0.013	0.013	0.014	0.015	13:51:56	10/4/2011 13:51	0.016
22140	0.012	0.013	0.013	0.015	13:52:56	10/4/2011 13:52	0.015
22200	0.011	0.011	0.011	0.012	13:53:56	10/4/2011 13:53	0.012
22260	0.01	0.01	0.011	0.011	13:54:56	10/4/2011 13:54	0.011
22320	0.011	0.011	0.011	0.012	13:55:56	10/4/2011 13:55	0.012
22380	0.01	0.011	0.011	0.011	13:56:56	10/4/2011 13:56	0.011
22440	0.011	0.012	0.012	0.013	13:57:56	10/4/2011 13:57	0.013
22500	0.012	0.012	0.012	0.014	13:58:56	10/4/2011 13:58	0.014
22560	0.011	0.011	0.011	0.012	13:59:56	10/4/2011 13:59	0.012
22620	0.01	0.01	0.01	0.011	14:00:56	10/4/2011 14:00	0.011

22680	0.01	0.01	0.011	0.011	14:01:56	10/4/2011	14:01	0.011
22740	0.011	0.011	0.012	0.013	14:02:56	10/4/2011	14:02	0.013
22800	0.01	0.01	0.011	0.012	14:03:56	10/4/2011	14:03	0.012
22860	0.009	0.009	0.01	0.011	14:04:56	10/4/2011	14:04	0.011
22920	0.009	0.009	0.009	0.01	14:05:56	10/4/2011	14:05	0.01
22980	0.01	0.01	0.01	0.011	14:06:56	10/4/2011	14:06	0.011
23040	0.009	0.009	0.01	0.011	14:07:56	10/4/2011	14:07	0.011
23100	0.009	0.01	0.01	0.01	14:08:56	10/4/2011	14:08	0.01
23160	0.009	0.01	0.01	0.01	14:09:56	10/4/2011	14:09	0.011
23220	0.009	0.009	0.01	0.01	14:10:56	10/4/2011	14:10	0.01
23280	0.01	0.01	0.01	0.011	14:11:56	10/4/2011	14:11	0.011
23340	0.009	0.009	0.01	0.01	14:12:56	10/4/2011	14:12	0.01
23400	0.009	0.009	0.009	0.009	14:13:56	10/4/2011	14:13	0.01
23460	0.009	0.009	0.01	0.01	14:14:56	10/4/2011	14:14	0.01
23520	0.009	0.01	0.01	0.01	14:15:56	10/4/2011	14:15	0.01
23580	0.01	0.01	0.01	0.011	14:16:56	10/4/2011	14:16	0.011
23640	0.01	0.01	0.011	0.012	14:17:56	10/4/2011	14:17	0.012
23700	0.009	0.01	0.01	0.011	14:18:56	10/4/2011	14:18	0.011
23760	0.011	0.011	0.011	0.012	14:19:56	10/4/2011	14:19	0.012
23820	0.01	0.01	0.011	0.011	14:20:56	10/4/2011	14:20	0.012
23880	0.011	0.011	0.012	0.013	14:21:56	10/4/2011	14:21	0.014
23940	0.011	0.011	0.011	0.012	14:22:56	10/4/2011	14:22	0.012
24000	0.01	0.011	0.011	0.012	14:23:56	10/4/2011	14:23	0.012
24060	0.01	0.01	0.011	0.012	14:24:56	10/4/2011	14:24	0.012
24120	0.009	0.01	0.01	0.01	14:25:56	10/4/2011	14:25	0.01
24180	0.009	0.009	0.01	0.01	14:26:56	10/4/2011	14:26	0.01
24240	0.01	0.01	0.01	0.011	14:27:56	10/4/2011	14:27	0.011
24300	0.01	0.01	0.01	0.011	14:28:56	10/4/2011	14:28	0.011
24360	0.01	0.01	0.011	0.011	14:29:56	10/4/2011	14:29	0.011
24420	0.01	0.011	0.011	0.012	14:30:56	10/4/2011	14:30	0.012
24480	0.009	0.009	0.009	0.01	14:31:56	10/4/2011	14:31	0.01
24540	0.01	0.01	0.01	0.011	14:32:56	10/4/2011	14:32	0.011
24600	0.01	0.01	0.01	0.011	14:33:56	10/4/2011	14:33	0.011
24660	0.01	0.01	0.011	0.012	14:34:56	10/4/2011	14:34	0.012
24720	0.012	0.012	0.012	0.013	14:35:56	10/4/2011	14:35	0.013
24780	0.01	0.01	0.01	0.011	14:36:56	10/4/2011	14:36	0.011
24840	0.009	0.01	0.01	0.011	14:37:56	10/4/2011	14:37	0.011
24900	0.009	0.01	0.01	0.011	14:38:56	10/4/2011	14:38	0.011
24960	0.009	0.009	0.01	0.01	14:39:56	10/4/2011	14:39	0.011
25020	0.01	0.01	0.011	0.011	14:40:56	10/4/2011	14:40	0.012
25080	0.01	0.01	0.011	0.011	14:41:56	10/4/2011	14:41	0.012
25140	0.01	0.01	0.011	0.012	14:42:56	10/4/2011	14:42	0.013
25200	0.01	0.01	0.011	0.012	14:43:56	10/4/2011	14:43	0.012
25260	0.01	0.01	0.011	0.012	14:44:56	10/4/2011	14:44	0.012
25320	0.01	0.01	0.01	0.011	14:45:56	10/4/2011	14:45	0.011
25380	0.015	0.016	0.018	0.023	14:46:56	10/4/2011	14:46	0.024
25440	0.011	0.011	0.012	0.014	14:47:56	10/4/2011	14:47	0.014
25500	0.011	0.011	0.012	0.013	14:48:56	10/4/2011	14:48	0.013
25560	0.01	0.01	0.01	0.011	14:49:56	10/4/2011	14:49	0.011
25620	0.01	0.01	0.011	0.011	14:50:56	10/4/2011	14:50	0.011
25680	0.01	0.01	0.011	0.012	14:51:56	10/4/2011	14:51	0.012
25740	0.011	0.011	0.012	0.014	14:52:56	10/4/2011	14:52	0.014
25800	0.01	0.01	0.01	0.011	14:53:56	10/4/2011	14:53	0.011

Client: National Grid
 Location: Lowes Metro
 Date: 10/15/11
 Field Personnel: T.Dimesky, L.Ferreira

Project: Metropolitan
 Project Number:
 Weather: 65° F Sunny
 Ambient Noise: Construction Nearby

Community Air Monitoring Plan / Noise Field Log

Time	Upwind PID	Upwind Dust Trak	Work Area PID	Downwind PID	Downwind Dust Trak	dB Readings ¹	Comments
0936	Ø, Ø	Ø, Ø, Ø	Ø, Ø	Ø, Ø	Ø, Ø	89.9	Begin Work @ 0936
0950	Ø, Ø	Ø, Ø, 13	Ø, Ø	Ø, Ø	Ø, Ø, 12	91.Ø	cutting away asphalt slab
1005	Ø, Ø	Ø, Ø, 12	Ø, Ø	Ø, Ø	Ø, Ø, 3Ø	93.6	chiseling asphalt
1020	Ø, Ø	Ø, Ø, 13	Ø, Ø	Ø, Ø	Ø, Ø, 12	94.4	removing asphalt & top layer debris
1035	Ø, Ø	Ø, Ø, 28	Ø, Ø	Ø, Ø	Ø, Ø, 2Ø	95.7	hand augering started through concrete
1050	Ø, Ø	Ø, Ø, 21	Ø, Ø	Ø, Ø	Ø, Ø, 16	96.3	break - discussions w/ manager
1105	Ø, Ø	Ø, Ø, 21	Ø, Ø	Ø, Ø	Ø, Ø, 16	97.1	Commerce sonic drill
1120	Ø, Ø	Ø, Ø, 25	Ø, Ø	Ø, Ø	Ø, Ø, 2Ø	97.8	
1135	Ø, Ø	Ø, 2Ø	Ø, Ø	Ø, Ø	Ø, Ø, 14	98.6	
1150	Ø, Ø	Ø, 45	Ø, Ø	Ø, Ø	Ø, 55	92.4	Commerce sonic drilling
1205	Ø, Ø	Ø, Ø, 21	Ø, Ø	Ø, Ø	Ø, Ø, 25	92.7	drilling SB-22
1220	Ø, Ø	Ø, Ø, 22	Ø, Ø	Ø, 1	Ø, Ø, 25	92.2	
1235	Ø, Ø	Ø, Ø, 17	Ø, Ø	Ø, Ø	Ø, Ø, 11	93.Ø	
1250	Ø, Ø	Ø, Ø, 13	Ø, Ø	Ø, Ø	Ø, Ø, 17	93.Ø	
1305	Ø, Ø	Ø, Ø, 19	Ø, Ø	Ø, Ø	Ø, Ø, 21	91.8	
1335	Ø, Ø	Ø, Ø, 22	Ø, Ø	Ø, Ø	Ø, Ø, 2Ø	93.3	
1350	Ø, Ø	Ø, Ø, 11	Ø, Ø	Ø, Ø	Ø, Ø, 11	91.5	
1405	Ø, Ø	Ø, Ø, 1Ø	Ø, Ø	Ø, Ø	Ø, Ø, 13	88.7	end drilling for today
1420							
1435							

=====Event #16 information (begin)=====

[Event #16 name:]-[Event #16]2011-10-05 07:08-->2011-10-05 14:14
[Event start time:]-2011-10-05 07:08:51[Event end time:]-2011-10-05 14:14:51

=====Event #16 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-904624

Data Points: 426 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====Sensor Information : PID-Min(ppm)PID-Avg(ppm)PID-Max(ppm)=====

Measurement Gas : Isobutene

Calibration Time : 2011-10-05 07:08:002011-10-05 07:08:002011-10-05 07:08:00

Drift Value : --- --- ---

Low Alarm Levels : 50.000 50.000 50.000

High Alarm Levels : 100.000 100.000 100.000

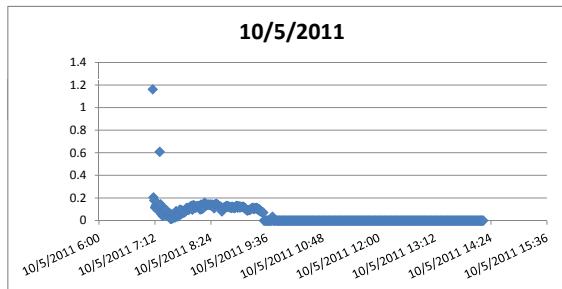
Span Value : 100.000 100.000 100.000

Correction Factor : 1.00 1.00 1.00

Over Alarm Levels : 15000.000 15000.000 15000.000

=====Event #16 data informations=====

LINE#	Date/Time	PID-Max(ppm)	PID-Min(ppm)	PID-Avg(ppm)
1	10/5/2011 7:09	1.162	0.197	0.308
2	10/5/2011 7:10	0.206	0.156	0.177
3	10/5/2011 7:11	0.179	0.087	0.118
4	10/5/2011 7:12	0.116	0.043	0.087
5	10/5/2011 7:13	0.135	0.026	0.073
6	10/5/2011 7:14	0.16	0.051	0.077
7	10/5/2011 7:15	0.097	0.07	0.087
8	10/5/2011 7:16	0.126	0.091	0.108
9	10/5/2011 7:17	0.132	0.1	0.116
10	10/5/2011 7:18	0.609	0.079	0.149
11	10/5/2011 7:19	0.144	0	0.022
12	10/5/2011 7:20	0.058	0	0.015
13	10/5/2011 7:21	0.06	0	0.005
14	10/5/2011 7:22	0.041	0.015	0.027
15	10/5/2011 7:23	0.046	0.016	0.027
16	10/5/2011 7:24	0.101	0.01	0.043
17	10/5/2011 7:25	0.075	0.023	0.044
18	10/5/2011 7:26	0.096	0.006	0.059
19	10/5/2011 7:27	0.045	0.019	0.03
20	10/5/2011 7:28	0.05	0.014	0.028
21	10/5/2011 7:29	0.06	0.009	0.032
22	10/5/2011 7:30	0.061	0.004	0.026
23	10/5/2011 7:31	0.064	0	0.018
24	10/5/2011 7:32	0.015	0	0.003
25	10/5/2011 7:33	0.014	0	0.005
26	10/5/2011 7:34	0.055	0	0.023
27	10/5/2011 7:35	0.022	0	0.008
28	10/5/2011 7:36	0.026	0.001	0.01
29	10/5/2011 7:37	0.054	0.001	0.015
30	10/5/2011 7:38	0.028	0.007	0.015
31	10/5/2011 7:39	0.084	0.002	0.022
32	10/5/2011 7:40	0.045	0.011	0.023
33	10/5/2011 7:41	0.037	0.015	0.025
34	10/5/2011 7:42	0.042	0.019	0.029
35	10/5/2011 7:43	0.044	0.023	0.034
36	10/5/2011 7:44	0.097	0.013	0.045
37	10/5/2011 7:45	0.058	0.031	0.044
38	10/5/2011 7:46	0.094	0.031	0.05
39	10/5/2011 7:47	0.064	0.035	0.049
40	10/5/2011 7:48	0.07	0.045	0.056
41	10/5/2011 7:49	0.077	0.044	0.063
42	10/5/2011 7:50	0.073	0.038	0.056
43	10/5/2011 7:51	0.084	0.047	0.063
44	10/5/2011 7:52	0.108	0.044	0.063
45	10/5/2011 7:53	0.113	0.029	0.073
46	10/5/2011 7:54	0.108	0.033	0.066
47	10/5/2011 7:55	0.093	0.055	0.067
48	10/5/2011 7:56	0.113	0.043	0.076



49	10/5/2011 7:57	0.12	0.048	0.072
50	10/5/2011 7:58	0.127	0.042	0.079
51	10/5/2011 7:59	0.13	0.065	0.079
52	10/5/2011 8:00	0.096	0.068	0.081
53	10/5/2011 8:01	0.136	0.063	0.083
54	10/5/2011 8:02	0.133	0.065	0.082
55	10/5/2011 8:03	0.13	0.06	0.082
56	10/5/2011 8:04	0.114	0.045	0.081
57	10/5/2011 8:05	0.118	0.064	0.084
58	10/5/2011 8:06	0.129	0.054	0.089
59	10/5/2011 8:07	0.128	0.065	0.084
60	10/5/2011 8:08	0.13	0.071	0.091
61	10/5/2011 8:09	0.119	0.061	0.083
62	10/5/2011 8:10	0.098	0.076	0.086
63	10/5/2011 8:11	0.142	0.068	0.09
64	10/5/2011 8:12	0.103	0.081	0.091
65	10/5/2011 8:13	0.107	0.086	0.096
66	10/5/2011 8:14	0.11	0.084	0.096
67	10/5/2011 8:15	0.153	0.092	0.105
68	10/5/2011 8:16	0.157	0.086	0.109
69	10/5/2011 8:17	0.149	0.075	0.103
70	10/5/2011 8:18	0.136	0.083	0.103
71	10/5/2011 8:19	0.141	0.067	0.097
72	10/5/2011 8:20	0.14	0.073	0.095
73	10/5/2011 8:21	0.143	0.062	0.093
74	10/5/2011 8:22	0.139	0.069	0.094
75	10/5/2011 8:23	0.143	0.07	0.096
76	10/5/2011 8:24	0.135	0.073	0.099
77	10/5/2011 8:25	0.141	0.063	0.1
78	10/5/2011 8:26	0.14	0.071	0.101
79	10/5/2011 8:27	0.127	0.087	0.102
80	10/5/2011 8:28	0.109	0.088	0.099
81	10/5/2011 8:29	0.144	0.091	0.106
82	10/5/2011 8:30	0.144	0.078	0.111
83	10/5/2011 8:31	0.149	0.081	0.102
84	10/5/2011 8:32	0.141	0.078	0.109
85	10/5/2011 8:33	0.136	0.082	0.102
86	10/5/2011 8:34	0.13	0.069	0.091
87	10/5/2011 8:35	0.123	0.062	0.078
88	10/5/2011 8:36	0.125	0.06	0.082
89	10/5/2011 8:37	0.114	0.057	0.077
90	10/5/2011 8:38	0.081	0.063	0.072
91	10/5/2011 8:39	0.111	0.056	0.082
92	10/5/2011 8:40	0.114	0.052	0.077
93	10/5/2011 8:41	0.112	0.063	0.079
94	10/5/2011 8:42	0.123	0.065	0.08
95	10/5/2011 8:43	0.122	0.06	0.087
96	10/5/2011 8:44	0.131	0.063	0.087
97	10/5/2011 8:45	0.123	0.05	0.087
98	10/5/2011 8:46	0.128	0.068	0.093
99	10/5/2011 8:47	0.119	0.069	0.083
100	10/5/2011 8:48	0.121	0.052	0.08
101	10/5/2011 8:49	0.116	0.062	0.081
102	10/5/2011 8:50	0.111	0.055	0.081
103	10/5/2011 8:51	0.124	0.055	0.082
104	10/5/2011 8:52	0.117	0.059	0.08
105	10/5/2011 8:53	0.116	0.05	0.079
106	10/5/2011 8:54	0.11	0.057	0.078
107	10/5/2011 8:55	0.116	0.054	0.083
108	10/5/2011 8:56	0.127	0.061	0.083
109	10/5/2011 8:57	0.132	0.049	0.087
110	10/5/2011 8:58	0.114	0.062	0.083
111	10/5/2011 8:59	0.127	0.065	0.082
112	10/5/2011 9:00	0.126	0.07	0.087
113	10/5/2011 9:01	0.115	0.068	0.081
114	10/5/2011 9:02	0.123	0.067	0.084
115	10/5/2011 9:03	0.118	0.072	0.09
116	10/5/2011 9:04	0.121	0.065	0.088
117	10/5/2011 9:05	0.124	0.059	0.089

118	10/5/2011 9:06	0.117	0.061	0.087
119	10/5/2011 9:07	0.116	0.064	0.09
120	10/5/2011 9:08	0.106	0.04	0.067
121	10/5/2011 9:09	0.1	0.036	0.056
122	10/5/2011 9:10	0.091	0.03	0.055
123	10/5/2011 9:11	0.089	0.034	0.053
124	10/5/2011 9:12	0.094	0.04	0.058
125	10/5/2011 9:13	0.093	0.038	0.058
126	10/5/2011 9:14	0.096	0.042	0.063
127	10/5/2011 9:15	0.101	0.042	0.066
128	10/5/2011 9:16	0.107	0.052	0.079
129	10/5/2011 9:17	0.111	0.055	0.079
130	10/5/2011 9:18	0.115	0.048	0.074
131	10/5/2011 9:19	0.102	0.053	0.078
132	10/5/2011 9:20	0.107	0.051	0.077
133	10/5/2011 9:21	0.11	0.052	0.074
134	10/5/2011 9:22	0.107	0.037	0.078
135	10/5/2011 9:23	0.113	0.045	0.074
136	10/5/2011 9:24	0.099	0.055	0.071
137	10/5/2011 9:25	0.102	0.036	0.066
138	10/5/2011 9:26	0.1	0.036	0.061
139	10/5/2011 9:27	0.082	0.036	0.052
140	10/5/2011 9:28	0.084	0.026	0.052
141	10/5/2011 9:29	0.078	0.02	0.046
142	10/5/2011 9:30	0.074	0.019	0.039
143	10/5/2011 9:31	0.071	0	0.019
144	10/5/2011 9:32	0	0	0
145	10/5/2011 9:33	0	0	0
146	10/5/2011 9:34	0	0	0
147	10/5/2011 9:35	0	0	0
148	10/5/2011 9:36	0	0	0
149	10/5/2011 9:37	0	0	0
150	10/5/2011 9:38	0	0	0
151	10/5/2011 9:39	0	0	0
152	10/5/2011 9:40	0	0	0
153	10/5/2011 9:41	0	0	0
154	10/5/2011 9:42	0	0	0
155	10/5/2011 9:43	0.034	0	0.004
156	10/5/2011 9:44	0	0	0
157	10/5/2011 9:45	0	0	0
158	10/5/2011 9:46	0	0	0
159	10/5/2011 9:47	0	0	0
160	10/5/2011 9:48	0	0	0
161	10/5/2011 9:49	0	0	0
162	10/5/2011 9:50	0	0	0
163	10/5/2011 9:51	0	0	0
164	10/5/2011 9:52	0	0	0
165	10/5/2011 9:53	0	0	0
166	10/5/2011 9:54	0	0	0
167	10/5/2011 9:55	0	0	0
168	10/5/2011 9:56	0	0	0
169	10/5/2011 9:57	0	0	0
170	10/5/2011 9:58	0	0	0
171	10/5/2011 9:59	0	0	0
172	10/5/2011 10:00	0	0	0
173	10/5/2011 10:01	0	0	0
174	10/5/2011 10:02	0	0	0
175	10/5/2011 10:03	0	0	0
176	10/5/2011 10:04	0	0	0
177	10/5/2011 10:05	0	0	0
178	10/5/2011 10:06	0	0	0
179	10/5/2011 10:07	0	0	0
180	10/5/2011 10:08	0	0	0
181	10/5/2011 10:09	0	0	0
182	10/5/2011 10:10	0	0	0
183	10/5/2011 10:11	0	0	0
184	10/5/2011 10:12	0	0	0
185	10/5/2011 10:13	0	0	0
186	10/5/2011 10:14	0	0	0

187	10/5/2011 10:15	0	0	0
188	10/5/2011 10:16	0	0	0
189	10/5/2011 10:17	0	0	0
190	10/5/2011 10:18	0	0	0
191	10/5/2011 10:19	0	0	0
192	10/5/2011 10:20	0	0	0
193	10/5/2011 10:21	0	0	0
194	10/5/2011 10:22	0	0	0
195	10/5/2011 10:23	0	0	0
196	10/5/2011 10:24	0	0	0
197	10/5/2011 10:25	0	0	0
198	10/5/2011 10:26	0	0	0
199	10/5/2011 10:27	0	0	0
200	10/5/2011 10:28	0	0	0
201	10/5/2011 10:29	0	0	0
202	10/5/2011 10:30	0	0	0
203	10/5/2011 10:31	0	0	0
204	10/5/2011 10:32	0	0	0
205	10/5/2011 10:33	0	0	0
206	10/5/2011 10:34	0	0	0
207	10/5/2011 10:35	0	0	0
208	10/5/2011 10:36	0	0	0
209	10/5/2011 10:37	0	0	0
210	10/5/2011 10:38	0	0	0
211	10/5/2011 10:39	0	0	0
212	10/5/2011 10:40	0	0	0
213	10/5/2011 10:41	0	0	0
214	10/5/2011 10:42	0	0	0
215	10/5/2011 10:43	0	0	0
216	10/5/2011 10:44	0	0	0
217	10/5/2011 10:45	0	0	0
218	10/5/2011 10:46	0	0	0
219	10/5/2011 10:47	0	0	0
220	10/5/2011 10:48	0	0	0
221	10/5/2011 10:49	0	0	0
222	10/5/2011 10:50	0	0	0
223	10/5/2011 10:51	0	0	0
224	10/5/2011 10:52	0	0	0
225	10/5/2011 10:53	0	0	0
226	10/5/2011 10:54	0	0	0
227	10/5/2011 10:55	0	0	0
228	10/5/2011 10:56	0	0	0
229	10/5/2011 10:57	0	0	0
230	10/5/2011 10:58	0	0	0
231	10/5/2011 10:59	0	0	0
232	10/5/2011 11:00	0	0	0
233	10/5/2011 11:01	0	0	0
234	10/5/2011 11:02	0	0	0
235	10/5/2011 11:03	0	0	0
236	10/5/2011 11:04	0	0	0
237	10/5/2011 11:05	0	0	0
238	10/5/2011 11:06	0	0	0
239	10/5/2011 11:07	0	0	0
240	10/5/2011 11:08	0	0	0
241	10/5/2011 11:09	0	0	0
242	10/5/2011 11:10	0	0	0
243	10/5/2011 11:11	0	0	0
244	10/5/2011 11:12	0	0	0
245	10/5/2011 11:13	0	0	0
246	10/5/2011 11:14	0	0	0
247	10/5/2011 11:15	0	0	0
248	10/5/2011 11:16	0	0	0
249	10/5/2011 11:17	0	0	0
250	10/5/2011 11:18	0	0	0
251	10/5/2011 11:19	0	0	0
252	10/5/2011 11:20	0	0	0
253	10/5/2011 11:21	0	0	0
254	10/5/2011 11:22	0	0	0
255	10/5/2011 11:23	0	0	0

256	10/5/2011 11:24	0	0	0
257	10/5/2011 11:25	0	0	0
258	10/5/2011 11:26	0	0	0
259	10/5/2011 11:27	0	0	0
260	10/5/2011 11:28	0	0	0
261	10/5/2011 11:29	0	0	0
262	10/5/2011 11:30	0	0	0
263	10/5/2011 11:31	0	0	0
264	10/5/2011 11:32	0	0	0
265	10/5/2011 11:33	0	0	0
266	10/5/2011 11:34	0	0	0
267	10/5/2011 11:35	0	0	0
268	10/5/2011 11:36	0	0	0
269	10/5/2011 11:37	0	0	0
270	10/5/2011 11:38	0	0	0
271	10/5/2011 11:39	0	0	0
272	10/5/2011 11:40	0	0	0
273	10/5/2011 11:41	0	0	0
274	10/5/2011 11:42	0	0	0
275	10/5/2011 11:43	0	0	0
276	10/5/2011 11:44	0	0	0
277	10/5/2011 11:45	0	0	0
278	10/5/2011 11:46	0	0	0
279	10/5/2011 11:47	0	0	0
280	10/5/2011 11:48	0	0	0
281	10/5/2011 11:49	0	0	0
282	10/5/2011 11:50	0	0	0
283	10/5/2011 11:51	0	0	0
284	10/5/2011 11:52	0	0	0
285	10/5/2011 11:53	0	0	0
286	10/5/2011 11:54	0	0	0
287	10/5/2011 11:55	0	0	0
288	10/5/2011 11:56	0	0	0
289	10/5/2011 11:57	0	0	0
290	10/5/2011 11:58	0	0	0
291	10/5/2011 11:59	0	0	0
292	10/5/2011 12:00	0	0	0
293	10/5/2011 12:01	0	0	0
294	10/5/2011 12:02	0	0	0
295	10/5/2011 12:03	0	0	0
296	10/5/2011 12:04	0	0	0
297	10/5/2011 12:05	0	0	0
298	10/5/2011 12:06	0	0	0
299	10/5/2011 12:07	0	0	0
300	10/5/2011 12:08	0	0	0
301	10/5/2011 12:09	0	0	0
302	10/5/2011 12:10	0	0	0
303	10/5/2011 12:11	0	0	0
304	10/5/2011 12:12	0	0	0
305	10/5/2011 12:13	0	0	0
306	10/5/2011 12:14	0	0	0
307	10/5/2011 12:15	0	0	0
308	10/5/2011 12:16	0	0	0
309	10/5/2011 12:17	0	0	0
310	10/5/2011 12:18	0	0	0
311	10/5/2011 12:19	0	0	0
312	10/5/2011 12:20	0	0	0
313	10/5/2011 12:21	0	0	0
314	10/5/2011 12:22	0	0	0
315	10/5/2011 12:23	0	0	0
316	10/5/2011 12:24	0	0	0
317	10/5/2011 12:25	0	0	0
318	10/5/2011 12:26	0	0	0
319	10/5/2011 12:27	0	0	0
320	10/5/2011 12:28	0	0	0
321	10/5/2011 12:29	0	0	0
322	10/5/2011 12:30	0	0	0
323	10/5/2011 12:31	0	0	0
324	10/5/2011 12:32	0	0	0

325	10/5/2011 12:33	0	0	0
326	10/5/2011 12:34	0	0	0
327	10/5/2011 12:35	0	0	0
328	10/5/2011 12:36	0	0	0
329	10/5/2011 12:37	0	0	0
330	10/5/2011 12:38	0	0	0
331	10/5/2011 12:39	0	0	0
332	10/5/2011 12:40	0	0	0
333	10/5/2011 12:41	0	0	0
334	10/5/2011 12:42	0	0	0
335	10/5/2011 12:43	0	0	0
336	10/5/2011 12:44	0	0	0
337	10/5/2011 12:45	0	0	0
338	10/5/2011 12:46	0	0	0
339	10/5/2011 12:47	0	0	0
340	10/5/2011 12:48	0	0	0
341	10/5/2011 12:49	0	0	0
342	10/5/2011 12:50	0	0	0
343	10/5/2011 12:51	0	0	0
344	10/5/2011 12:52	0	0	0
345	10/5/2011 12:53	0	0	0
346	10/5/2011 12:54	0	0	0
347	10/5/2011 12:55	0	0	0
348	10/5/2011 12:56	0	0	0
349	10/5/2011 12:57	0	0	0
350	10/5/2011 12:58	0	0	0
351	10/5/2011 12:59	0	0	0
352	10/5/2011 13:00	0	0	0
353	10/5/2011 13:01	0	0	0
354	10/5/2011 13:02	0	0	0
355	10/5/2011 13:03	0	0	0
356	10/5/2011 13:04	0	0	0
357	10/5/2011 13:05	0	0	0
358	10/5/2011 13:06	0	0	0
359	10/5/2011 13:07	0	0	0
360	10/5/2011 13:08	0	0	0
361	10/5/2011 13:09	0	0	0
362	10/5/2011 13:10	0	0	0
363	10/5/2011 13:11	0	0	0
364	10/5/2011 13:12	0	0	0
365	10/5/2011 13:13	0	0	0
366	10/5/2011 13:14	0	0	0
367	10/5/2011 13:15	0	0	0
368	10/5/2011 13:16	0	0	0
369	10/5/2011 13:17	0	0	0
370	10/5/2011 13:18	0	0	0
371	10/5/2011 13:19	0	0	0
372	10/5/2011 13:20	0	0	0
373	10/5/2011 13:21	0	0	0
374	10/5/2011 13:22	0	0	0
375	10/5/2011 13:23	0	0	0
376	10/5/2011 13:24	0	0	0
377	10/5/2011 13:25	0	0	0
378	10/5/2011 13:26	0	0	0
379	10/5/2011 13:27	0	0	0
380	10/5/2011 13:28	0	0	0
381	10/5/2011 13:29	0	0	0
382	10/5/2011 13:30	0	0	0
383	10/5/2011 13:31	0	0	0
384	10/5/2011 13:32	0	0	0
385	10/5/2011 13:33	0	0	0
386	10/5/2011 13:34	0	0	0
387	10/5/2011 13:35	0	0	0
388	10/5/2011 13:36	0	0	0
389	10/5/2011 13:37	0	0	0
390	10/5/2011 13:38	0	0	0
391	10/5/2011 13:39	0	0	0
392	10/5/2011 13:40	0	0	0
393	10/5/2011 13:41	0	0	0

394	10/5/2011 13:42	0	0	0
395	10/5/2011 13:43	0	0	0
396	10/5/2011 13:44	0	0	0
397	10/5/2011 13:45	0	0	0
398	10/5/2011 13:46	0	0	0
399	10/5/2011 13:47	0	0	0
400	10/5/2011 13:48	0	0	0
401	10/5/2011 13:49	0	0	0
402	10/5/2011 13:50	0	0	0
403	10/5/2011 13:51	0	0	0
404	10/5/2011 13:52	0	0	0
405	10/5/2011 13:53	0	0	0
406	10/5/2011 13:54	0	0	0
407	10/5/2011 13:55	0	0	0
408	10/5/2011 13:56	0	0	0
409	10/5/2011 13:57	0	0	0
410	10/5/2011 13:58	0	0	0
411	10/5/2011 13:59	0	0	0
412	10/5/2011 14:00	0	0	0
413	10/5/2011 14:01	0	0	0
414	10/5/2011 14:02	0	0	0
415	10/5/2011 14:03	0	0	0
416	10/5/2011 14:04	0	0	0
417	10/5/2011 14:05	0	0	0
418	10/5/2011 14:06	0	0	0
419	10/5/2011 14:07	0	0	0
420	10/5/2011 14:08	0	0	0
421	10/5/2011 14:09	0	0	0
422	10/5/2011 14:10	0	0	0
423	10/5/2011 14:11	0	0	0
424	10/5/2011 14:12	0	0	0
425	10/5/2011 14:13	0	0	0
426	10/5/2011 14:14	0	0	0

=====Event #16 information (end)=====

=====Event #10 information (begin)=====

[Event #10 name:]-[Event #10]2011-10-05 07:17-->2011-10-05 14:24
[Event start time:]-2011-10-05 07:17:35[Event end time:]-2011-10-05 14:24:35

=====Event #10 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905367
Data Points: 427 Sample Period: 60 s Datalog Mode: Automatic
SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====Sensor Information : PID(ppb)=====

Measurement Gas : Isobutene

Calibration Time : 2011-10-05 07:17:00

Drift Value : --

Low Alarm Levels : 25847

High Alarm Levels : 51694

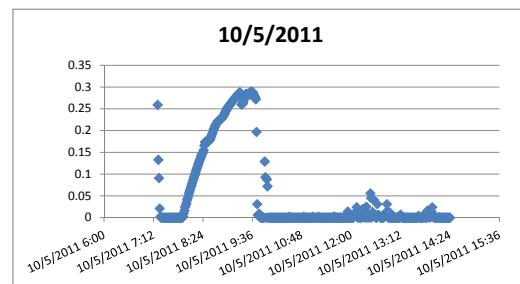
Span Value : 100000

Correction Factor : 1.00

Over Alarm Levels : 15000000

=====Event #10 data informations=====

LINE#	Date/Time	PID(ppm)	PID(ppb)
1	10/5/2011 7:18	0.259	259
2	10/5/2011 7:19	0.133	133
3	10/5/2011 7:20	0.091	91
4	10/5/2011 7:21	0.021	21
5	10/5/2011 7:22	0.002	2
6	10/5/2011 7:23	0	0
7	10/5/2011 7:24	0	0
8	10/5/2011 7:25	0	0
9	10/5/2011 7:26	0	0
10	10/5/2011 7:27	0	0
11	10/5/2011 7:28	0	0
12	10/5/2011 7:29	0	0
13	10/5/2011 7:30	0	0
14	10/5/2011 7:31	0	0
15	10/5/2011 7:32	0	0
16	10/5/2011 7:33	0	0
17	10/5/2011 7:34	0	0
18	10/5/2011 7:35	0	0
19	10/5/2011 7:36	0	0
20	10/5/2011 7:37	0	0
21	10/5/2011 7:38	0	0
22	10/5/2011 7:39	0	0
23	10/5/2011 7:40	0	0
24	10/5/2011 7:41	0	0
25	10/5/2011 7:42	0	0
26	10/5/2011 7:43	0	0
27	10/5/2011 7:44	0	0
28	10/5/2011 7:45	0	0
29	10/5/2011 7:46	0	0
30	10/5/2011 7:47	0	0
31	10/5/2011 7:48	0	0
32	10/5/2011 7:49	0	0
33	10/5/2011 7:50	0	0
34	10/5/2011 7:51	0	0
35	10/5/2011 7:52	0	0
36	10/5/2011 7:53	0	0
37	10/5/2011 7:54	0	0
38	10/5/2011 7:55	0.003	3
39	10/5/2011 7:56	0.01	10
40	10/5/2011 7:57	0.016	16
41	10/5/2011 7:58	0.024	24
42	10/5/2011 7:59	0.029	29
43	10/5/2011 8:00	0.034	34
44	10/5/2011 8:01	0.041	41
45	10/5/2011 8:02	0.046	46
46	10/5/2011 8:03	0.052	52
47	10/5/2011 8:04	0.058	58
48	10/5/2011 8:05	0.063	63



49	10/5/2011 8:06 0.068	68
50	10/5/2011 8:07 0.073	73
51	10/5/2011 8:08 0.078	78
52	10/5/2011 8:09 0.083	83
53	10/5/2011 8:10 0.088	88
54	10/5/2011 8:11 0.093	93
55	10/5/2011 8:12 0.098	98
56	10/5/2011 8:13 0.103	103
57	10/5/2011 8:14 0.108	108
58	10/5/2011 8:15 0.113	113
59	10/5/2011 8:16 0.117	117
60	10/5/2011 8:17 0.122	122
61	10/5/2011 8:18 0.127	127
62	10/5/2011 8:19 0.131	131
63	10/5/2011 8:20 0.135	135
64	10/5/2011 8:21 0.14	140
65	10/5/2011 8:22 0.144	144
66	10/5/2011 8:23 0.147	147
67	10/5/2011 8:24 0.15	150
68	10/5/2011 8:25 0.155	155
69	10/5/2011 8:26 0.166	166
70	10/5/2011 8:27 0.173	173
71	10/5/2011 8:28 0.175	175
72	10/5/2011 8:29 0.174	174
73	10/5/2011 8:30 0.174	174
74	10/5/2011 8:31 0.174	174
75	10/5/2011 8:32 0.177	177
76	10/5/2011 8:33 0.177	177
77	10/5/2011 8:34 0.179	179
78	10/5/2011 8:35 0.183	183
79	10/5/2011 8:36 0.187	187
80	10/5/2011 8:37 0.191	191
81	10/5/2011 8:38 0.195	195
82	10/5/2011 8:39 0.2	200
83	10/5/2011 8:40 0.204	204
84	10/5/2011 8:41 0.208	208
85	10/5/2011 8:42 0.212	212
86	10/5/2011 8:43 0.214	214
87	10/5/2011 8:44 0.217	217
88	10/5/2011 8:45 0.219	219
89	10/5/2011 8:46 0.222	222
90	10/5/2011 8:47 0.224	224
91	10/5/2011 8:48 0.225	225
92	10/5/2011 8:49 0.225	225
93	10/5/2011 8:50 0.226	226
94	10/5/2011 8:51 0.228	228
95	10/5/2011 8:52 0.229	229
96	10/5/2011 8:53 0.232	232
97	10/5/2011 8:54 0.234	234
98	10/5/2011 8:55 0.237	237
99	10/5/2011 8:56 0.241	241
100	10/5/2011 8:57 0.245	245
101	10/5/2011 8:58 0.247	247
102	10/5/2011 8:59 0.251	251
103	10/5/2011 9:00 0.252	252
104	10/5/2011 9:01 0.256	256
105	10/5/2011 9:02 0.257	257
106	10/5/2011 9:03 0.259	259
107	10/5/2011 9:04 0.261	261
108	10/5/2011 9:05 0.264	264
109	10/5/2011 9:06 0.266	266
110	10/5/2011 9:07 0.267	267
111	10/5/2011 9:08 0.27	270
112	10/5/2011 9:09 0.272	272
113	10/5/2011 9:10 0.273	273
114	10/5/2011 9:11 0.276	276
115	10/5/2011 9:12 0.278	278
116	10/5/2011 9:13 0.279	279
117	10/5/2011 9:14 0.281	281

118	10/5/2011 9:15	0.283	283
119	10/5/2011 9:16	0.285	285
120	10/5/2011 9:17	0.287	287
121	10/5/2011 9:18	0.288	288
122	10/5/2011 9:19	0.275	275
123	10/5/2011 9:20	0.26	260
124	10/5/2011 9:21	0.261	261
125	10/5/2011 9:22	0.262	262
126	10/5/2011 9:23	0.267	267
127	10/5/2011 9:24	0.275	275
128	10/5/2011 9:25	0.281	281
129	10/5/2011 9:26	0.281	281
130	10/5/2011 9:27	0.285	285
131	10/5/2011 9:28	0.284	284
132	10/5/2011 9:29	0.283	283
133	10/5/2011 9:30	0.282	282
134	10/5/2011 9:31	0.282	282
135	10/5/2011 9:32	0.285	285
136	10/5/2011 9:33	0.289	289
137	10/5/2011 9:34	0.289	289
138	10/5/2011 9:35	0.288	288
139	10/5/2011 9:36	0.289	289
140	10/5/2011 9:37	0.287	287
141	10/5/2011 9:38	0.283	283
142	10/5/2011 9:39	0.279	279
143	10/5/2011 9:40	0.277	277
144	10/5/2011 9:41	0.272	272
145	10/5/2011 9:42	0.197	197
146	10/5/2011 9:43	0.031	31
147	10/5/2011 9:44	0.006	6
148	10/5/2011 9:45	0.005	5
149	10/5/2011 9:46	0.009	9
150	10/5/2011 9:47	0.001	1
151	10/5/2011 9:48	0.001	1
152	10/5/2011 9:49	0	0
153	10/5/2011 9:50	0	0
154	10/5/2011 9:51	0	0
155	10/5/2011 9:52	0	0
156	10/5/2011 9:53	0	0
157	10/5/2011 9:54	0.129	129
158	10/5/2011 9:55	0.093	93
159	10/5/2011 9:56	0	0
160	10/5/2011 9:57	0.088	88
161	10/5/2011 9:58	0.072	72
162	10/5/2011 9:59	0	0
163	10/5/2011 10:00	0	0
164	10/5/2011 10:01	0	0
165	10/5/2011 10:02	0	0
166	10/5/2011 10:03	0	0
167	10/5/2011 10:04	0	0
168	10/5/2011 10:05	0	0
169	10/5/2011 10:06	0	0
170	10/5/2011 10:07	0	0
171	10/5/2011 10:08	0	0
172	10/5/2011 10:09	0	0
173	10/5/2011 10:10	0	0
174	10/5/2011 10:11	0	0
175	10/5/2011 10:12	0	0
176	10/5/2011 10:13	0	0
177	10/5/2011 10:14	0	0
178	10/5/2011 10:15	0	0
179	10/5/2011 10:16	0	0
180	10/5/2011 10:17	0	0
181	10/5/2011 10:18	0	0
182	10/5/2011 10:19	0	0
183	10/5/2011 10:20	0	0
184	10/5/2011 10:21	0	0
185	10/5/2011 10:22	0	0
186	10/5/2011 10:23	0	0

187	10/5/2011 10:24	0	0
188	10/5/2011 10:25	0	0
189	10/5/2011 10:26	0	0
190	10/5/2011 10:27	0	0
191	10/5/2011 10:28	0	0
192	10/5/2011 10:29	0	0
193	10/5/2011 10:30	0.002	2
194	10/5/2011 10:31	0	0
195	10/5/2011 10:32	0	0
196	10/5/2011 10:33	0	0
197	10/5/2011 10:34	0	0
198	10/5/2011 10:35	0	0
199	10/5/2011 10:36	0	0
200	10/5/2011 10:37	0	0
201	10/5/2011 10:38	0	0
202	10/5/2011 10:39	0	0
203	10/5/2011 10:40	0	0
204	10/5/2011 10:41	0	0
205	10/5/2011 10:42	0	0
206	10/5/2011 10:43	0	0
207	10/5/2011 10:44	0	0
208	10/5/2011 10:45	0	0
209	10/5/2011 10:46	0	0
210	10/5/2011 10:47	0	0
211	10/5/2011 10:48	0	0
212	10/5/2011 10:49	0	0
213	10/5/2011 10:50	0	0
214	10/5/2011 10:51	0.002	2
215	10/5/2011 10:52	0	0
216	10/5/2011 10:53	0	0
217	10/5/2011 10:54	0	0
218	10/5/2011 10:55	0	0
219	10/5/2011 10:56	0	0
220	10/5/2011 10:57	0	0
221	10/5/2011 10:58	0	0
222	10/5/2011 10:59	0	0
223	10/5/2011 11:00	0	0
224	10/5/2011 11:01	0	0
225	10/5/2011 11:02	0	0
226	10/5/2011 11:03	0	0
227	10/5/2011 11:04	0.002	2
228	10/5/2011 11:05	0	0
229	10/5/2011 11:06	0	0
230	10/5/2011 11:07	0	0
231	10/5/2011 11:08	0	0
232	10/5/2011 11:09	0	0
233	10/5/2011 11:10	0	0
234	10/5/2011 11:11	0	0
235	10/5/2011 11:12	0.002	2
236	10/5/2011 11:13	0	0
237	10/5/2011 11:14	0	0
238	10/5/2011 11:15	0	0
239	10/5/2011 11:16	0	0
240	10/5/2011 11:17	0	0
241	10/5/2011 11:18	0	0
242	10/5/2011 11:19	0	0
243	10/5/2011 11:20	0	0
244	10/5/2011 11:21	0	0
245	10/5/2011 11:22	0	0
246	10/5/2011 11:23	0	0
247	10/5/2011 11:24	0	0
248	10/5/2011 11:25	0	0
249	10/5/2011 11:26	0	0
250	10/5/2011 11:27	0	0
251	10/5/2011 11:28	0	0
252	10/5/2011 11:29	0	0
253	10/5/2011 11:30	0	0
254	10/5/2011 11:31	0	0
255	10/5/2011 11:32	0	0

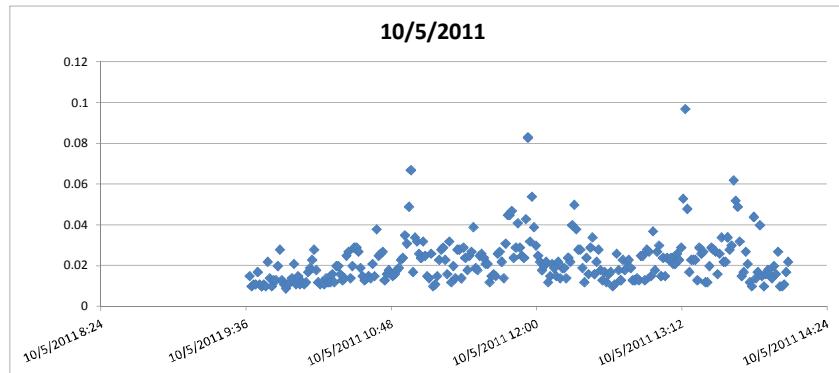
256	10/5/2011 11:33	0	0
257	10/5/2011 11:34	0	0
258	10/5/2011 11:35	0.003	3
259	10/5/2011 11:36	0	0
260	10/5/2011 11:37	0	0
261	10/5/2011 11:38	0	0
262	10/5/2011 11:39	0	0
263	10/5/2011 11:40	0	0
264	10/5/2011 11:41	0	0
265	10/5/2011 11:42	0	0
266	10/5/2011 11:43	0	0
267	10/5/2011 11:44	0	0
268	10/5/2011 11:45	0	0
269	10/5/2011 11:46	0	0
270	10/5/2011 11:47	0	0
271	10/5/2011 11:48	0	0
272	10/5/2011 11:49	0	0
273	10/5/2011 11:50	0	0
274	10/5/2011 11:51	0	0
275	10/5/2011 11:52	0	0
276	10/5/2011 11:53	0	0
277	10/5/2011 11:54	0	0
278	10/5/2011 11:55	0.014	14
279	10/5/2011 11:56	0	0
280	10/5/2011 11:57	0	0
281	10/5/2011 11:58	0	0
282	10/5/2011 11:59	0	0
283	10/5/2011 12:00	0	0
284	10/5/2011 12:01	0	0
285	10/5/2011 12:02	0	0
286	10/5/2011 12:03	0	0
287	10/5/2011 12:04	0.009	9
288	10/5/2011 12:05	0.004	4
289	10/5/2011 12:06	0.011	11
290	10/5/2011 12:07	0.012	12
291	10/5/2011 12:08	0.024	24
292	10/5/2011 12:09	0.001	1
293	10/5/2011 12:10	0	0
294	10/5/2011 12:11	0.001	1
295	10/5/2011 12:12	0.001	1
296	10/5/2011 12:13	0	0
297	10/5/2011 12:14	0	0
298	10/5/2011 12:15	0.001	1
299	10/5/2011 12:16	0.001	1
300	10/5/2011 12:17	0.02	20
301	10/5/2011 12:18	0.002	2
302	10/5/2011 12:19	0.005	5
303	10/5/2011 12:20	0	0
304	10/5/2011 12:21	0.009	9
305	10/5/2011 12:22	0.025	25
306	10/5/2011 12:23	0.011	11
307	10/5/2011 12:24	0	0
308	10/5/2011 12:25	0.003	3
309	10/5/2011 12:26	0.003	3
310	10/5/2011 12:27	0	0
311	10/5/2011 12:28	0.056	56
312	10/5/2011 12:29	0.045	45
313	10/5/2011 12:30	0.001	1
314	10/5/2011 12:31	0.013	13
315	10/5/2011 12:32	0.005	5
316	10/5/2011 12:33	0.041	41
317	10/5/2011 12:34	0.004	4
318	10/5/2011 12:35	0.007	7
319	10/5/2011 12:36	0	0
320	10/5/2011 12:37	0	0
321	10/5/2011 12:38	0.031	31
322	10/5/2011 12:39	0.006	6
323	10/5/2011 12:40	0.006	6
324	10/5/2011 12:41	0.003	3

325	10/5/2011 12:42	0.001	1
326	10/5/2011 12:43	0	0
327	10/5/2011 12:44	0	0
328	10/5/2011 12:45	0.001	1
329	10/5/2011 12:46	0	0
330	10/5/2011 12:47	0	0
331	10/5/2011 12:48	0.002	2
332	10/5/2011 12:49	0.009	9
333	10/5/2011 12:50	0.011	11
334	10/5/2011 12:51	0.009	9
335	10/5/2011 12:52	0.031	31
336	10/5/2011 12:53	0.012	12
337	10/5/2011 12:54	0	0
338	10/5/2011 12:55	0	0
339	10/5/2011 12:56	0.012	12
340	10/5/2011 12:57	0	0
341	10/5/2011 12:58	0	0
342	10/5/2011 12:59	0	0
343	10/5/2011 13:00	0	0
344	10/5/2011 13:01	0	0
345	10/5/2011 13:02	0	0
346	10/5/2011 13:03	0	0
347	10/5/2011 13:04	0	0
348	10/5/2011 13:05	0	0
349	10/5/2011 13:06	0	0
350	10/5/2011 13:07	0.001	1
351	10/5/2011 13:08	0	0
352	10/5/2011 13:09	0	0
353	10/5/2011 13:10	0	0
354	10/5/2011 13:11	0.002	2
355	10/5/2011 13:12	0.007	7
356	10/5/2011 13:13	0	0
357	10/5/2011 13:14	0.001	1
358	10/5/2011 13:15	0	0
359	10/5/2011 13:16	0	0
360	10/5/2011 13:17	0	0
361	10/5/2011 13:18	0	0
362	10/5/2011 13:19	0	0
363	10/5/2011 13:20	0	0
364	10/5/2011 13:21	0	0
365	10/5/2011 13:22	0	0
366	10/5/2011 13:23	0	0
367	10/5/2011 13:24	0	0
368	10/5/2011 13:25	0	0
369	10/5/2011 13:26	0	0
370	10/5/2011 13:27	0	0
371	10/5/2011 13:28	0	0
372	10/5/2011 13:29	0	0
373	10/5/2011 13:30	0	0
374	10/5/2011 13:31	0	0
375	10/5/2011 13:32	0	0
376	10/5/2011 13:33	0	0
377	10/5/2011 13:34	0	0
378	10/5/2011 13:35	0	0
379	10/5/2011 13:36	0	0
380	10/5/2011 13:37	0.001	1
381	10/5/2011 13:38	0.004	4
382	10/5/2011 13:39	0	0
383	10/5/2011 13:40	0	0
384	10/5/2011 13:41	0	0
385	10/5/2011 13:42	0	0
386	10/5/2011 13:43	0	0
387	10/5/2011 13:44	0	0
388	10/5/2011 13:45	0.005	5
389	10/5/2011 13:46	0	0
390	10/5/2011 13:47	0.004	4
391	10/5/2011 13:48	0.001	1
392	10/5/2011 13:49	0	0
393	10/5/2011 13:50	0	0

394	10/5/2011 13:51	0.016	16
395	10/5/2011 13:52	0.01	10
396	10/5/2011 13:53	0.014	14
397	10/5/2011 13:54	0	0
398	10/5/2011 13:55	0.006	6
399	10/5/2011 13:56	0.002	2
400	10/5/2011 13:57	0.014	14
401	10/5/2011 13:58	0.024	24
402	10/5/2011 13:59	0.003	3
403	10/5/2011 14:00	0.001	1
404	10/5/2011 14:01	0	0
405	10/5/2011 14:02	0	0
406	10/5/2011 14:03	0	0
407	10/5/2011 14:04	0	0
408	10/5/2011 14:05	0	0
409	10/5/2011 14:06	0	0
410	10/5/2011 14:07	0	0
411	10/5/2011 14:08	0.001	1
412	10/5/2011 14:09	0	0
413	10/5/2011 14:10	0	0
414	10/5/2011 14:11	0	0
415	10/5/2011 14:12	0	0
416	10/5/2011 14:13	0	0
417	10/5/2011 14:14	0	0
418	10/5/2011 14:15	0	0
419	10/5/2011 14:16	0	0
420	10/5/2011 14:17	0	0
421	10/5/2011 14:18	0	0
422	10/5/2011 14:19	0	0
423	10/5/2011 14:20	0	0
424	10/5/2011 14:21	0	0
425	10/5/2011 14:22	0	0
426	10/5/2011 14:23	0	0
427	10/5/2011 14:24	0	0

=====Event #10 information (end)=====

Instrument Name DustTrak DRX
 Model Number 8533
 Serial Number 8533101806
 Firmware Version 2.8
 Calibration Date 5/19/2011
 Test Name MANUAL_004
 Test Start Time 9:36:39 AM
 Test Start Date 10/5/2011
 Test Length [D:H:M] 0:04:28
 Test Interval [M:S] 1:00
 PM1 Average [mg/n] 0.015
 PM1 Minimum [mg] 0.006
 PM1 Maximum [mg] 0.048
 PM1 TWA [mg/m³] 0.009
 PM2.5 Average [mg] 0.016
 PM2.5 Minimum [m] 0.006
 PM2.5 Maximum [m] 0.049
 PM2.5 TWA [mg/m³] 0.009
 PM4 Average [mg/n] 0.016
 PM4 Minimum [mg] 0.007
 PM4 Maximum [mg] 0.052
 PM4 TWA [mg/m³] 0.009
 PM10 Average [mg/] 0.02
 PM10 Minimum [m] 0.008
 PM10 Maximum [m] 0.077
 PM10 TWA [mg/m³] 0.011
 TOTAL Average [mg] 0.022
 TOTAL Minimum [m] 0.009
 TOTAL Maximum [m] 0.097
 TOTAL TWA [mg/m³] 0.012
 Photometric User C 1
 Size Correction User 1
 Flow User Cal 1
 Errors
 Number of Samples 268



Elapsed Time [s]	PM1 [mg/m ³]	PM2.5 [mg/m ³]	PM4 [mg/m ³]	PM10 [mg/m ³]	9:36:39 AM	Time/Date	TOTAL [mg/m ³]	Alarms	Errors
60	0.011	0.011	0.012	0.014	9:37:39 AM	10/5/2011 9:37	0.015		
120	0.008	0.008	0.009	0.009	9:38:39 AM	10/5/2011 9:38	0.01		
180	0.008	0.008	0.009	0.01	9:39:39 AM	10/5/2011 9:39	0.011		
240	0.009	0.009	0.01	0.011	9:40:39 AM	10/5/2011 9:40	0.011		
300	0.014	0.015	0.015	0.016	9:41:39 AM	10/5/2011 9:41	0.017		
360	0.009	0.009	0.01	0.011	9:42:39 AM	10/5/2011 9:42	0.011		
420	0.009	0.009	0.009	0.01	9:43:39 AM	10/5/2011 9:43	0.01		
480	0.008	0.008	0.009	0.01	9:44:39 AM	10/5/2011 9:44	0.011		
540	0.009	0.009	0.009	0.01	9:45:39 AM	10/5/2011 9:45	0.01		
600	0.017	0.017	0.018	0.021	9:46:39 AM	10/5/2011 9:46	0.022		
660	0.01	0.011	0.011	0.013	9:47:39 AM	10/5/2011 9:47	0.014		
720	0.009	0.009	0.009	0.01	9:48:39 AM	10/5/2011 9:48	0.01		
780	0.011	0.011	0.011	0.013	9:49:39 AM	10/5/2011 9:49	0.013		
840	0.01	0.01	0.01	0.013	9:50:39 AM	10/5/2011 9:50	0.013		
900	0.018	0.018	0.019	0.02	9:51:39 AM	10/5/2011 9:51	0.02		
960	0.026	0.026	0.027	0.028	9:52:39 AM	10/5/2011 9:52	0.028		
1020	0.012	0.012	0.012	0.013	9:53:39 AM	10/5/2011 9:53	0.013		
1080	0.009	0.009	0.01	0.011	9:54:39 AM	10/5/2011 9:54	0.011		
1140	0.008	0.008	0.008	0.009	9:55:39 AM	10/5/2011 9:55	0.009		
1200	0.009	0.009	0.01	0.011	9:56:39 AM	10/5/2011 9:56	0.011		
1260	0.01	0.011	0.011	0.012	9:57:39 AM	10/5/2011 9:57	0.012		
1320	0.012	0.012	0.012	0.014	9:58:39 AM	10/5/2011 9:58	0.014		
1380	0.019	0.019	0.02	0.021	9:59:39 AM	10/5/2011 9:59	0.021		
1440	0.01	0.01	0.01	0.011	10:00:39 AM	10/5/2011 10:00	0.011		
1500	0.014	0.014	0.014	0.015	10:01:39 AM	10/5/2011 10:01	0.015		
1560	0.01	0.01	0.011	0.011	10:02:39 AM	10/5/2011 10:02	0.011		
1620	0.01	0.011	0.011	0.012	10:03:39 AM	10/5/2011 10:03	0.012		
1680	0.009	0.009	0.01	0.011	10:04:39 AM	10/5/2011 10:04	0.011		
1740	0.01	0.011	0.011	0.012	10:05:39 AM	10/5/2011 10:05	0.012		
1800	0.015	0.015	0.016	0.017	10:06:39 AM	10/5/2011 10:06	0.017		
1860	0.018	0.018	0.018	0.019	10:07:39 AM	10/5/2011 10:07	0.019		
1920	0.022	0.022	0.022	0.023	10:08:39 AM	10/5/2011 10:08	0.023		
1980	0.027	0.027	0.027	0.028	10:09:39 AM	10/5/2011 10:09	0.028		

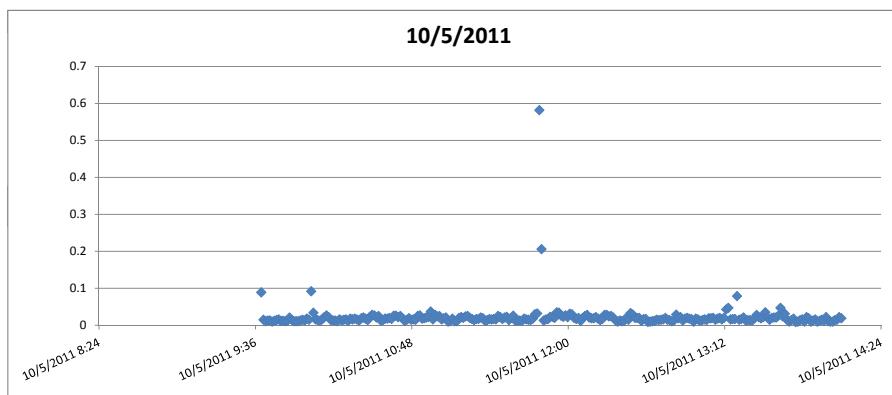
2040	0.016	0.016	0.017	0.018	10:10:39 AM	10/5/2011 10:10	0.018
2100	0.01	0.01	0.011	0.012	10:11:39 AM	10/5/2011 10:11	0.012
2160	0.01	0.01	0.01	0.011	10:12:39 AM	10/5/2011 10:12	0.011
2220	0.011	0.011	0.011	0.012	10:13:39 AM	10/5/2011 10:13	0.012
2280	0.01	0.01	0.01	0.011	10:14:39 AM	10/5/2011 10:14	0.011
2340	0.012	0.012	0.013	0.014	10:15:39 AM	10/5/2011 10:15	0.014
2400	0.011	0.011	0.012	0.012	10:16:39 AM	10/5/2011 10:16	0.012
2460	0.01	0.01	0.011	0.012	10:17:39 AM	10/5/2011 10:17	0.012
2520	0.013	0.013	0.014	0.015	10:18:39 AM	10/5/2011 10:18	0.016
2580	0.011	0.011	0.012	0.012	10:19:39 AM	10/5/2011 10:19	0.012
2640	0.015	0.016	0.017	0.02	10:20:39 AM	10/5/2011 10:20	0.02
2700	0.015	0.015	0.016	0.019	10:21:39 AM	10/5/2011 10:21	0.02
2760	0.013	0.013	0.014	0.016	10:22:39 AM	10/5/2011 10:22	0.016
2820	0.011	0.011	0.012	0.013	10:23:39 AM	10/5/2011 10:23	0.013
2880	0.013	0.013	0.013	0.014	10:24:39 AM	10/5/2011 10:24	0.014
2940	0.024	0.024	0.024	0.025	10:25:39 AM	10/5/2011 10:25	0.025
3000	0.023	0.023	0.024	0.026	10:26:39 AM	10/5/2011 10:26	0.027
3060	0.013	0.013	0.013	0.014	10:27:39 AM	10/5/2011 10:27	0.014
3120	0.017	0.017	0.018	0.02	10:28:39 AM	10/5/2011 10:28	0.02
3180	0.026	0.026	0.027	0.029	10:29:39 AM	10/5/2011 10:29	0.029
3240	0.026	0.026	0.027	0.029	10:30:39 AM	10/5/2011 10:30	0.029
3300	0.025	0.025	0.026	0.027	10:31:39 AM	10/5/2011 10:31	0.027
3360	0.017	0.017	0.017	0.019	10:32:39 AM	10/5/2011 10:32	0.019
3420	0.013	0.013	0.014	0.015	10:33:39 AM	10/5/2011 10:33	0.015
3480	0.012	0.012	0.012	0.013	10:34:39 AM	10/5/2011 10:34	0.013
3540	0.011	0.011	0.012	0.013	10:35:39 AM	10/5/2011 10:35	0.014
3600	0.013	0.013	0.014	0.015	10:36:39 AM	10/5/2011 10:36	0.015
3660	0.012	0.013	0.013	0.014	10:37:39 AM	10/5/2011 10:37	0.014
3720	0.017	0.017	0.018	0.02	10:38:39 AM	10/5/2011 10:38	0.021
3780	0.013	0.013	0.013	0.015	10:39:39 AM	10/5/2011 10:39	0.015
3840	0.028	0.029	0.03	0.037	10:40:39 AM	10/5/2011 10:40	0.038
3900	0.021	0.021	0.022	0.025	10:41:39 AM	10/5/2011 10:41	0.025
3960	0.023	0.023	0.024	0.026	10:42:39 AM	10/5/2011 10:42	0.026
4020	0.024	0.024	0.025	0.027	10:43:39 AM	10/5/2011 10:43	0.027
4080	0.011	0.011	0.011	0.012	10:44:39 AM	10/5/2011 10:44	0.013
4140	0.014	0.015	0.015	0.016	10:45:39 AM	10/5/2011 10:45	0.016
4200	0.017	0.017	0.017	0.018	10:46:39 AM	10/5/2011 10:46	0.018
4260	0.014	0.015	0.015	0.016	10:47:39 AM	10/5/2011 10:47	0.016
4320	0.013	0.013	0.014	0.015	10:48:39 AM	10/5/2011 10:48	0.015
4380	0.014	0.015	0.015	0.016	10:49:39 AM	10/5/2011 10:49	0.016
4440	0.016	0.016	0.016	0.018	10:50:39 AM	10/5/2011 10:50	0.018
4500	0.016	0.016	0.017	0.018	10:51:39 AM	10/5/2011 10:51	0.019
4560	0.018	0.019	0.02	0.023	10:52:39 AM	10/5/2011 10:52	0.023
4620	0.018	0.019	0.019	0.022	10:53:39 AM	10/5/2011 10:53	0.024
4680	0.027	0.027	0.028	0.032	10:54:39 AM	10/5/2011 10:54	0.035
4740	0.02	0.021	0.022	0.027	10:55:39 AM	10/5/2011 10:55	0.031
4800	0.026	0.027	0.028	0.038	10:56:39 AM	10/5/2011 10:56	0.049
4860	0.033	0.033	0.036	0.055	10:57:39 AM	10/5/2011 10:57	0.067
4920	0.011	0.011	0.012	0.015	10:58:39 AM	10/5/2011 10:58	0.017
4980	0.022	0.022	0.024	0.031	10:59:39 AM	10/5/2011 10:59	0.034
5040	0.023	0.024	0.025	0.029	11:00:39 AM	10/5/2011 11:00	0.032
5100	0.019	0.019	0.02	0.023	11:01:39 AM	10/5/2011 11:01	0.026
5160	0.019	0.019	0.02	0.023	11:02:39 AM	10/5/2011 11:02	0.024
5220	0.021	0.021	0.022	0.028	11:03:39 AM	10/5/2011 11:03	0.032
5280	0.018	0.018	0.019	0.022	11:04:39 AM	10/5/2011 11:04	0.025
5340	0.011	0.011	0.011	0.014	11:05:39 AM	10/5/2011 11:05	0.015
5400	0.01	0.01	0.011	0.013	11:06:39 AM	10/5/2011 11:06	0.014
5460	0.018	0.018	0.019	0.024	11:07:39 AM	10/5/2011 11:07	0.026
5520	0.008	0.008	0.008	0.01	11:08:39 AM	10/5/2011 11:08	0.01
5580	0.009	0.009	0.009	0.01	11:09:39 AM	10/5/2011 11:09	0.011
5640	0.011	0.011	0.012	0.014	11:10:39 AM	10/5/2011 11:10	0.015
5700	0.017	0.017	0.018	0.02	11:11:39 AM	10/5/2011 11:11	0.023
5760	0.018	0.019	0.019	0.024	11:12:39 AM	10/5/2011 11:12	0.028
5820	0.018	0.019	0.02	0.026	11:13:39 AM	10/5/2011 11:13	0.029
5880	0.016	0.016	0.017	0.021	11:14:39 AM	10/5/2011 11:14	0.023
5940	0.01	0.011	0.011	0.014	11:15:39 AM	10/5/2011 11:15	0.016
6000	0.022	0.022	0.023	0.028	11:16:39 AM	10/5/2011 11:16	0.032
6060	0.009	0.009	0.009	0.011	11:17:39 AM	10/5/2011 11:17	0.012
6120	0.014	0.014	0.014	0.018	11:18:39 AM	10/5/2011 11:18	0.02
6180	0.011	0.012	0.012	0.014	11:19:39 AM	10/5/2011 11:19	0.014

6240	0.022	0.022	0.023	0.026	11:20:39 AM	10/5/2011 11:20	0.028
6300	0.019	0.019	0.02	0.025	11:21:39 AM	10/5/2011 11:21	0.028
6360	0.01	0.01	0.011	0.014	11:22:39 AM	10/5/2011 11:22	0.014
6420	0.016	0.017	0.018	0.025	11:23:39 AM	10/5/2011 11:23	0.029
6480	0.014	0.014	0.015	0.019	11:24:39 AM	10/5/2011 11:24	0.024
6540	0.012	0.012	0.013	0.016	11:25:39 AM	10/5/2011 11:25	0.018
6600	0.018	0.018	0.019	0.023	11:26:39 AM	10/5/2011 11:26	0.025
6660	0.022	0.022	0.023	0.026	11:27:39 AM	10/5/2011 11:27	0.027
6720	0.029	0.029	0.031	0.035	11:28:39 AM	10/5/2011 11:28	0.039
6780	0.014	0.014	0.015	0.018	11:29:39 AM	10/5/2011 11:29	0.019
6840	0.013	0.013	0.013	0.017	11:30:39 AM	10/5/2011 11:30	0.018
6900	0.017	0.017	0.018	0.023	11:31:39 AM	10/5/2011 11:31	0.025
6960	0.018	0.019	0.019	0.024	11:32:39 AM	10/5/2011 11:32	0.026
7020	0.017	0.017	0.018	0.022	11:33:39 AM	10/5/2011 11:33	0.024
7080	0.016	0.016	0.017	0.019	11:34:39 AM	10/5/2011 11:34	0.021
7140	0.014	0.015	0.015	0.018	11:35:39 AM	10/5/2011 11:35	0.021
7200	0.008	0.008	0.008	0.011	11:36:39 AM	10/5/2011 11:36	0.012
7260	0.01	0.011	0.011	0.014	11:37:39 AM	10/5/2011 11:37	0.015
7320	0.011	0.011	0.012	0.016	11:38:39 AM	10/5/2011 11:38	0.016
7380	0.011	0.011	0.011	0.014	11:39:39 AM	10/5/2011 11:39	0.015
7440	0.017	0.017	0.018	0.022	11:40:39 AM	10/5/2011 11:40	0.026
7500	0.017	0.018	0.018	0.023	11:41:39 AM	10/5/2011 11:41	0.027
7560	0.016	0.016	0.017	0.02	11:42:39 AM	10/5/2011 11:42	0.022
7620	0.01	0.01	0.011	0.013	11:43:39 AM	10/5/2011 11:43	0.014
7680	0.02	0.02	0.021	0.025	11:44:39 AM	10/5/2011 11:44	0.031
7740	0.025	0.026	0.027	0.035	11:45:39 AM	10/5/2011 11:45	0.045
7800	0.03	0.03	0.031	0.038	11:46:39 AM	10/5/2011 11:46	0.045
7860	0.028	0.029	0.03	0.037	11:47:39 AM	10/5/2011 11:47	0.047
7920	0.015	0.015	0.016	0.02	11:48:39 AM	10/5/2011 11:48	0.024
7980	0.019	0.019	0.021	0.026	11:49:39 AM	10/5/2011 11:49	0.029
8040	0.021	0.022	0.024	0.033	11:50:39 AM	10/5/2011 11:50	0.041
8100	0.018	0.019	0.019	0.024	11:51:39 AM	10/5/2011 11:51	0.029
8160	0.019	0.019	0.02	0.022	11:52:39 AM	10/5/2011 11:52	0.025
8220	0.018	0.018	0.018	0.021	11:53:39 AM	10/5/2011 11:53	0.024
8280	0.027	0.027	0.029	0.036	11:54:39 AM	10/5/2011 11:54	0.043
8340	0.045	0.046	0.049	0.066	11:55:39 AM	10/5/2011 11:55	0.083
8400	0.02	0.02	0.021	0.026	11:56:39 AM	10/5/2011 11:56	0.032
8460	0.032	0.032	0.034	0.043	11:57:39 AM	10/5/2011 11:57	0.054
8520	0.024	0.024	0.025	0.034	11:58:39 AM	10/5/2011 11:58	0.039
8580	0.019	0.019	0.02	0.025	11:59:39 AM	10/5/2011 11:59	0.03
8640	0.015	0.016	0.017	0.022	12:00:39 PM	10/5/2011 12:00	0.025
8700	0.015	0.015	0.016	0.02	12:01:39 PM	10/5/2011 12:01	0.022
8760	0.012	0.013	0.013	0.016	12:02:39 PM	10/5/2011 12:02	0.018
8820	0.013	0.013	0.014	0.018	12:03:39 PM	10/5/2011 12:03	0.02
8880	0.014	0.015	0.016	0.02	12:04:39 PM	10/5/2011 12:04	0.022
8940	0.009	0.01	0.01	0.012	12:05:39 PM	10/5/2011 12:05	0.012
9000	0.01	0.01	0.01	0.013	12:06:39 PM	10/5/2011 12:06	0.015
9060	0.013	0.014	0.014	0.018	12:07:39 PM	10/5/2011 12:07	0.021
9120	0.013	0.014	0.014	0.016	12:08:39 PM	10/5/2011 12:08	0.019
9180	0.01	0.011	0.011	0.014	12:09:39 PM	10/5/2011 12:09	0.015
9240	0.014	0.014	0.015	0.018	12:10:39 PM	10/5/2011 12:10	0.022
9300	0.01	0.01	0.011	0.012	12:11:39 PM	10/5/2011 12:11	0.014
9360	0.013	0.013	0.014	0.017	12:12:39 PM	10/5/2011 12:12	0.019
9420	0.014	0.014	0.015	0.018	12:13:39 PM	10/5/2011 12:13	0.019
9480	0.01	0.01	0.01	0.012	12:14:39 PM	10/5/2011 12:14	0.014
9540	0.014	0.015	0.015	0.021	12:15:39 PM	10/5/2011 12:15	0.024
9600	0.013	0.013	0.014	0.018	12:16:39 PM	10/5/2011 12:16	0.022
9660	0.021	0.021	0.022	0.031	12:17:39 PM	10/5/2011 12:17	0.04
9720	0.025	0.026	0.027	0.04	12:18:39 PM	10/5/2011 12:18	0.05
9780	0.022	0.022	0.024	0.033	12:19:39 PM	10/5/2011 12:19	0.038
9840	0.016	0.017	0.018	0.023	12:20:39 PM	10/5/2011 12:20	0.028
9900	0.015	0.015	0.016	0.021	12:21:39 PM	10/5/2011 12:21	0.028
9960	0.012	0.012	0.013	0.017	12:22:39 PM	10/5/2011 12:22	0.019
10020	0.008	0.008	0.008	0.01	12:23:39 PM	10/5/2011 12:23	0.012
10080	0.015	0.016	0.016	0.021	12:24:39 PM	10/5/2011 12:24	0.024
10140	0.011	0.011	0.011	0.014	12:25:39 PM	10/5/2011 12:25	0.016
10200	0.016	0.016	0.017	0.024	12:26:39 PM	10/5/2011 12:26	0.029
10260	0.018	0.018	0.019	0.027	12:27:39 PM	10/5/2011 12:27	0.034
10320	0.011	0.011	0.011	0.014	12:28:39 PM	10/5/2011 12:28	0.016
10380	0.015	0.016	0.017	0.02	12:29:39 PM	10/5/2011 12:29	0.022

10440	0.017	0.018	0.019	0.023	12:30:39 PM	10/5/2011 12:30	0.028
10500	0.012	0.013	0.014	0.017	12:31:39 PM	10/5/2011 12:31	0.018
10560	0.009	0.009	0.009	0.011	12:32:39 PM	10/5/2011 12:32	0.013
10620	0.011	0.011	0.012	0.015	12:33:39 PM	10/5/2011 12:33	0.017
10680	0.009	0.009	0.01	0.011	12:34:39 PM	10/5/2011 12:34	0.012
10740	0.011	0.011	0.011	0.015	12:35:39 PM	10/5/2011 12:35	0.016
10800	0.012	0.012	0.013	0.015	12:36:39 PM	10/5/2011 12:36	0.017
10860	0.007	0.007	0.007	0.008	12:37:39 PM	10/5/2011 12:37	0.01
10920	0.008	0.008	0.009	0.01	12:38:39 PM	10/5/2011 12:38	0.011
10980	0.015	0.015	0.016	0.022	12:39:39 PM	10/5/2011 12:39	0.026
11040	0.011	0.011	0.012	0.015	12:40:39 PM	10/5/2011 12:40	0.018
11100	0.009	0.009	0.01	0.012	12:41:39 PM	10/5/2011 12:41	0.013
11160	0.017	0.017	0.017	0.02	12:42:39 PM	10/5/2011 12:42	0.023
11220	0.013	0.013	0.013	0.016	12:43:39 PM	10/5/2011 12:43	0.018
11280	0.014	0.014	0.015	0.02	12:44:39 PM	10/5/2011 12:44	0.022
11340	0.014	0.014	0.016	0.019	12:45:39 PM	10/5/2011 12:45	0.023
11400	0.011	0.011	0.012	0.015	12:46:39 PM	10/5/2011 12:46	0.019
11460	0.009	0.009	0.01	0.011	12:47:39 PM	10/5/2011 12:47	0.013
11520	0.01	0.011	0.011	0.012	12:48:39 PM	10/5/2011 12:48	0.013
11580	0.01	0.011	0.011	0.012	12:49:39 PM	10/5/2011 12:49	0.014
11640	0.01	0.011	0.011	0.012	12:50:39 PM	10/5/2011 12:50	0.013
11700	0.018	0.018	0.019	0.023	12:51:39 PM	10/5/2011 12:51	0.025
11760	0.016	0.016	0.017	0.022	12:52:39 PM	10/5/2011 12:52	0.025
11820	0.01	0.01	0.01	0.012	12:53:39 PM	10/5/2011 12:53	0.013
11880	0.02	0.021	0.021	0.027	12:54:39 PM	10/5/2011 12:54	0.028
11940	0.016	0.017	0.018	0.023	12:55:39 PM	10/5/2011 12:55	0.027
12000	0.01	0.01	0.011	0.014	12:56:39 PM	10/5/2011 12:56	0.015
12060	0.018	0.019	0.02	0.029	12:57:39 PM	10/5/2011 12:57	0.037
12120	0.012	0.012	0.013	0.016	12:58:39 PM	10/5/2011 12:58	0.018
12180	0.021	0.021	0.022	0.025	12:59:39 PM	10/5/2011 12:59	0.027
12240	0.02	0.02	0.021	0.025	1:00:39 PM	10/5/2011 13:00	0.03
12300	0.012	0.012	0.012	0.014	1:01:39 PM	10/5/2011 13:01	0.015
12360	0.017	0.017	0.018	0.022	1:02:39 PM	10/5/2011 13:02	0.024
12420	0.011	0.012	0.012	0.014	1:03:39 PM	10/5/2011 13:03	0.015
12480	0.017	0.017	0.018	0.021	1:04:39 PM	10/5/2011 13:04	0.024
12540	0.015	0.015	0.016	0.018	1:05:39 PM	10/5/2011 13:05	0.023
12600	0.015	0.015	0.016	0.021	1:06:39 PM	10/5/2011 13:06	0.024
12660	0.013	0.013	0.014	0.018	1:07:39 PM	10/5/2011 13:07	0.021
12720	0.014	0.014	0.015	0.019	1:08:39 PM	10/5/2011 13:08	0.021
12780	0.016	0.016	0.017	0.022	1:09:39 PM	10/5/2011 13:09	0.026
12840	0.015	0.015	0.016	0.02	1:10:39 PM	10/5/2011 13:10	0.023
12900	0.018	0.018	0.019	0.024	1:11:39 PM	10/5/2011 13:11	0.029
12960	0.026	0.027	0.029	0.043	1:12:39 PM	10/5/2011 13:12	0.053
13020	0.048	0.049	0.052	0.077	1:13:39 PM	10/5/2011 13:13	0.097
13080	0.023	0.024	0.026	0.037	1:14:39 PM	10/5/2011 13:14	0.048
13140	0.011	0.011	0.012	0.015	1:15:39 PM	10/5/2011 13:15	0.017
13200	0.014	0.014	0.015	0.019	1:16:39 PM	10/5/2011 13:16	0.023
13260	0.013	0.013	0.014	0.018	1:17:39 PM	10/5/2011 13:17	0.023
13320	0.017	0.018	0.018	0.021	1:18:39 PM	10/5/2011 13:18	0.023
13380	0.01	0.01	0.01	0.013	1:19:39 PM	10/5/2011 13:19	0.013
13440	0.019	0.019	0.02	0.024	1:20:39 PM	10/5/2011 13:20	0.029
13500	0.014	0.015	0.015	0.021	1:21:39 PM	10/5/2011 13:21	0.026
13560	0.017	0.017	0.018	0.022	1:22:39 PM	10/5/2011 13:22	0.027
13620	0.008	0.008	0.009	0.01	1:23:39 PM	10/5/2011 13:23	0.012
13680	0.008	0.008	0.009	0.011	1:24:39 PM	10/5/2011 13:24	0.012
13740	0.012	0.012	0.013	0.016	1:25:39 PM	10/5/2011 13:25	0.02
13800	0.016	0.017	0.018	0.024	1:26:39 PM	10/5/2011 13:26	0.029
13860	0.018	0.018	0.02	0.024	1:27:39 PM	10/5/2011 13:27	0.028
13920	0.016	0.017	0.018	0.022	1:28:39 PM	10/5/2011 13:28	0.027
13980	0.011	0.011	0.012	0.014	1:29:39 PM	10/5/2011 13:29	0.016
14040	0.019	0.02	0.02	0.024	1:30:39 PM	10/5/2011 13:30	0.026
14100	0.023	0.023	0.024	0.029	1:31:39 PM	10/5/2011 13:31	0.034
14160	0.016	0.016	0.016	0.02	1:32:39 PM	10/5/2011 13:32	0.022
14220	0.016	0.016	0.016	0.019	1:33:39 PM	10/5/2011 13:33	0.022
14280	0.024	0.024	0.025	0.031	1:34:39 PM	10/5/2011 13:34	0.034
14340	0.018	0.018	0.019	0.024	1:35:39 PM	10/5/2011 13:35	0.028
14400	0.018	0.018	0.019	0.023	1:36:39 PM	10/5/2011 13:36	0.03
14460	0.039	0.039	0.041	0.051	1:37:39 PM	10/5/2011 13:37	0.062
14520	0.034	0.034	0.036	0.046	1:38:39 PM	10/5/2011 13:38	0.052
14580	0.033	0.034	0.035	0.043	1:39:39 PM	10/5/2011 13:39	0.049

14640	0.023	0.024	0.025	0.031	1:40:39 PM	10/5/2011 13:40	0.032
14700	0.01	0.011	0.011	0.013	1:41:39 PM	10/5/2011 13:41	0.015
14760	0.012	0.012	0.012	0.015	1:42:39 PM	10/5/2011 13:42	0.017
14820	0.017	0.018	0.018	0.023	1:43:39 PM	10/5/2011 13:43	0.027
14880	0.016	0.017	0.017	0.02	1:44:39 PM	10/5/2011 13:44	0.021
14940	0.01	0.01	0.011	0.012	1:45:39 PM	10/5/2011 13:45	0.012
15000	0.008	0.008	0.008	0.01	1:46:39 PM	10/5/2011 13:46	0.01
15060	0.026	0.027	0.028	0.035	1:47:39 PM	10/5/2011 13:47	0.044
15120	0.01	0.01	0.011	0.012	1:48:39 PM	10/5/2011 13:48	0.014
15180	0.012	0.012	0.013	0.015	1:49:39 PM	10/5/2011 13:49	0.017
15240	0.027	0.028	0.028	0.034	1:50:39 PM	10/5/2011 13:50	0.04
15300	0.011	0.011	0.011	0.014	1:51:39 PM	10/5/2011 13:51	0.015
15360	0.007	0.008	0.008	0.009	1:52:39 PM	10/5/2011 13:52	0.01
15420	0.012	0.012	0.013	0.015	1:53:39 PM	10/5/2011 13:53	0.016
15480	0.012	0.012	0.013	0.016	1:54:39 PM	10/5/2011 13:54	0.018
15540	0.01	0.01	0.011	0.014	1:55:39 PM	10/5/2011 13:55	0.016
15600	0.01	0.01	0.011	0.013	1:56:39 PM	10/5/2011 13:56	0.014
15660	0.012	0.012	0.013	0.015	1:57:39 PM	10/5/2011 13:57	0.02
15720	0.011	0.011	0.011	0.013	1:58:39 PM	10/5/2011 13:58	0.016
15780	0.017	0.018	0.019	0.024	1:59:39 PM	10/5/2011 13:59	0.027
15840	0.006	0.006	0.007	0.009	2:00:39 PM	10/5/2011 14:00	0.01
15900	0.007	0.007	0.008	0.009	2:01:39 PM	10/5/2011 14:01	0.01
15960	0.007	0.007	0.008	0.009	2:02:39 PM	10/5/2011 14:02	0.011
16020	0.01	0.01	0.011	0.014	2:03:39 PM	10/5/2011 14:03	0.017
16080	0.015	0.015	0.016	0.019	2:04:39 PM	10/5/2011 14:04	0.022

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533112903
Firmware Version	2.8
Calibration Date	7/18/2011
Test Name	MANUAL_004
Test Start Time	9:37:40
Test Start Date	10/5/2011
Test Length [D:H:M]	0:04:28
Test Interval [M:S]	1:00
PM1 Average [mg/m ³]	0.017
PM1 Minimum [mg/m ³]	0.008
PM1 Maximum [mg/m ³]	0.571
PM1 TWA [mg/m ³]	0.009
PM2.5 Average [mg/m ³]	0.017
PM2.5 Minimum [mg/m ³]	0.008
PM2.5 Maximum [mg/m ³]	0.572
PM2.5 TWA [mg/m ³]	0.01
PM4 Average [mg/m ³]	0.018
PM4 Minimum [mg/m ³]	0.009
PM4 Maximum [mg/m ³]	0.574
PM4 TWA [mg/m ³]	0.01
PM10 Average [mg/m ³]	0.021
PM10 Minimum [mg/m ³]	0.009
PM10 Maximum [mg/m ³]	0.58
PM10 TWA [mg/m ³]	0.012
TOTAL Average [mg/m ³]	0.022
TOTAL Minimum [mg/m ³]	0.009
TOTAL Maximum [mg/m ³]	0.582
TOTAL TWA [mg/m ³]	0.012
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	1
Errors	
Number of Samples	268



Elapsed Time [s]	PM1	[mg/m ³]	PM2.5	[mg/m ³]	PM4	[mg/m ³]	PM10	[mg/m ³]	9:37:40	Time/Date	TOTAL	[mg/m ³]	Alarms	Errors
	60	0.018	0.019	0.021	0.053	9:38:40	10/5/2011 9:38		0.089					
120	0.01	0.01	0.011	0.014	9:39:40	10/5/2011 9:39		0.015						
180	0.009	0.01	0.01	0.011	9:40:40	10/5/2011 9:40		0.011						
240	0.01	0.01	0.011	0.013	9:41:40	10/5/2011 9:41		0.013						
300	0.009	0.009	0.01	0.012	9:42:40	10/5/2011 9:42		0.013						
360	0.008	0.008	0.009	0.01	9:43:40	10/5/2011 9:43		0.01						
420	0.008	0.009	0.009	0.011	9:44:40	10/5/2011 9:44		0.012						
480	0.009	0.01	0.01	0.013	9:45:40	10/5/2011 9:45		0.014						
540	0.011	0.012	0.012	0.015	9:46:40	10/5/2011 9:46		0.016						
600	0.009	0.009	0.009	0.011	9:47:40	10/5/2011 9:47		0.012						
660	0.009	0.009	0.01	0.011	9:48:40	10/5/2011 9:48		0.012						
720	0.008	0.009	0.009	0.011	9:49:40	10/5/2011 9:49		0.011						
780	0.009	0.009	0.01	0.012	9:50:40	10/5/2011 9:50		0.012						
840	0.016	0.016	0.017	0.02	9:51:40	10/5/2011 9:51		0.021						
900	0.012	0.012	0.013	0.015	9:52:40	10/5/2011 9:52		0.015						
960	0.009	0.009	0.01	0.011	9:53:40	10/5/2011 9:53		0.011						
1020	0.009	0.009	0.01	0.011	9:54:40	10/5/2011 9:54		0.011						
1080	0.008	0.009	0.009	0.011	9:55:40	10/5/2011 9:55		0.011						
1140	0.011	0.011	0.012	0.013	9:56:40	10/5/2011 9:56		0.013						
1200	0.011	0.011	0.012	0.015	9:57:40	10/5/2011 9:57		0.015						
1260	0.011	0.011	0.012	0.013	9:58:40	10/5/2011 9:58		0.013						
1320	0.013	0.014	0.015	0.017	9:59:40	10/5/2011 9:59		0.018						
1380	0.012	0.012	0.013	0.015	10:00:40	10/5/2011 10:00		0.015						
1440	0.049	0.052	0.06	0.086	10:01:40	10/5/2011 10:01		0.092						
1500	0.019	0.02	0.023	0.034	10:02:40	10/5/2011 10:02		0.034						
1560	0.012	0.013	0.013	0.016	10:03:40	10/5/2011 10:03		0.016						
1620	0.011	0.011	0.012	0.014	10:04:40	10/5/2011 10:04		0.014						
1680	0.01	0.01	0.011	0.012	10:05:40	10/5/2011 10:05		0.012						
1740	0.013	0.013	0.014	0.016	10:06:40	10/5/2011 10:06		0.016						
1800	0.017	0.018	0.018	0.021	10:07:40	10/5/2011 10:07		0.022						
1860	0.024	0.024	0.025	0.027	10:08:40	10/5/2011 10:08		0.027						
1920	0.02	0.02	0.021	0.022	10:09:40	10/5/2011 10:09		0.022						

1980	0.011	0.012	0.013	0.014	10:10:40	10/5/2011 10:10	0.014
2040	0.01	0.01	0.011	0.012	10:11:40	10/5/2011 10:11	0.013
2100	0.01	0.011	0.011	0.012	10:12:40	10/5/2011 10:12	0.013
2160	0.01	0.01	0.01	0.011	10:13:40	10/5/2011 10:13	0.011
2220	0.012	0.013	0.013	0.015	10:14:40	10/5/2011 10:14	0.016
2280	0.01	0.01	0.011	0.013	10:15:40	10/5/2011 10:15	0.013
2340	0.011	0.011	0.012	0.015	10:16:40	10/5/2011 10:16	0.015
2400	0.011	0.012	0.013	0.016	10:17:40	10/5/2011 10:17	0.016
2460	0.009	0.009	0.01	0.011	10:18:40	10/5/2011 10:18	0.012
2520	0.012	0.012	0.013	0.016	10:19:40	10/5/2011 10:19	0.018
2580	0.012	0.013	0.014	0.016	10:20:40	10/5/2011 10:20	0.016
2640	0.013	0.014	0.015	0.018	10:21:40	10/5/2011 10:21	0.018
2700	0.012	0.012	0.013	0.015	10:22:40	10/5/2011 10:22	0.016
2760	0.011	0.011	0.012	0.013	10:23:40	10/5/2011 10:23	0.013
2820	0.014	0.015	0.015	0.017	10:24:40	10/5/2011 10:24	0.019
2880	0.019	0.019	0.02	0.021	10:25:40	10/5/2011 10:25	0.021
2940	0.015	0.016	0.017	0.018	10:26:40	10/5/2011 10:26	0.018
3000	0.012	0.012	0.013	0.014	10:27:40	10/5/2011 10:27	0.014
3060	0.018	0.019	0.02	0.022	10:28:40	10/5/2011 10:28	0.023
3120	0.023	0.024	0.025	0.028	10:29:40	10/5/2011 10:29	0.028
3180	0.022	0.023	0.024	0.026	10:30:40	10/5/2011 10:30	0.027
3240	0.017	0.017	0.018	0.021	10:31:40	10/5/2011 10:31	0.021
3300	0.022	0.023	0.023	0.025	10:32:40	10/5/2011 10:32	0.025
3360	0.011	0.011	0.012	0.013	10:33:40	10/5/2011 10:33	0.013
3420	0.011	0.011	0.012	0.013	10:34:40	10/5/2011 10:34	0.014
3480	0.013	0.014	0.015	0.017	10:35:40	10/5/2011 10:35	0.018
3540	0.013	0.014	0.015	0.018	10:36:40	10/5/2011 10:36	0.018
3600	0.016	0.016	0.017	0.02	10:37:40	10/5/2011 10:37	0.02
3660	0.013	0.014	0.015	0.017	10:38:40	10/5/2011 10:38	0.017
3720	0.018	0.019	0.021	0.026	10:39:40	10/5/2011 10:39	0.026
3780	0.018	0.019	0.021	0.025	10:40:40	10/5/2011 10:40	0.026
3840	0.018	0.019	0.02	0.022	10:41:40	10/5/2011 10:41	0.022
3900	0.019	0.02	0.021	0.024	10:42:40	10/5/2011 10:42	0.025
3960	0.016	0.016	0.017	0.019	10:43:40	10/5/2011 10:43	0.019
4020	0.01	0.011	0.011	0.012	10:44:40	10/5/2011 10:44	0.012
4080	0.012	0.012	0.013	0.015	10:45:40	10/5/2011 10:45	0.015
4140	0.016	0.016	0.017	0.019	10:46:40	10/5/2011 10:46	0.019
4200	0.013	0.013	0.014	0.015	10:47:40	10/5/2011 10:47	0.015
4260	0.013	0.014	0.014	0.016	10:48:40	10/5/2011 10:48	0.016
4320	0.013	0.013	0.014	0.015	10:49:40	10/5/2011 10:49	0.015
4380	0.018	0.019	0.02	0.024	10:50:40	10/5/2011 10:50	0.025
4440	0.017	0.018	0.019	0.025	10:51:40	10/5/2011 10:51	0.027
4500	0.012	0.013	0.014	0.017	10:52:40	10/5/2011 10:52	0.018
4560	0.016	0.016	0.017	0.019	10:53:40	10/5/2011 10:53	0.019
4620	0.015	0.015	0.016	0.019	10:54:40	10/5/2011 10:54	0.021
4680	0.015	0.016	0.017	0.022	10:55:40	10/5/2011 10:55	0.023
4740	0.02	0.021	0.023	0.034	10:56:40	10/5/2011 10:56	0.037
4800	0.01	0.011	0.012	0.015	10:57:40	10/5/2011 10:57	0.016
4860	0.017	0.018	0.02	0.027	10:58:40	10/5/2011 10:58	0.028
4920	0.017	0.018	0.02	0.023	10:59:40	10/5/2011 10:59	0.024
4980	0.021	0.022	0.022	0.025	11:00:40	10/5/2011 11:00	0.025
5040	0.013	0.013	0.014	0.015	11:01:40	10/5/2011 11:01	0.016
5100	0.015	0.015	0.016	0.019	11:02:40	10/5/2011 11:02	0.019
5160	0.017	0.017	0.018	0.021	11:03:40	10/5/2011 11:03	0.021
5220	0.009	0.009	0.01	0.01	11:04:40	10/5/2011 11:04	0.01
5280	0.009	0.009	0.01	0.011	11:05:40	10/5/2011 11:05	0.011
5340	0.014	0.014	0.015	0.018	11:06:40	10/5/2011 11:06	0.018
5400	0.009	0.009	0.01	0.011	11:07:40	10/5/2011 11:07	0.011
5460	0.008	0.009	0.009	0.011	11:08:40	10/5/2011 11:08	0.011
5520	0.015	0.016	0.017	0.02	11:09:40	10/5/2011 11:09	0.02
5580	0.017	0.017	0.018	0.021	11:10:40	10/5/2011 11:10	0.022
5640	0.013	0.014	0.015	0.019	11:11:40	10/5/2011 11:11	0.02
5700	0.018	0.019	0.02	0.024	11:12:40	10/5/2011 11:12	0.024
5760	0.016	0.017	0.019	0.024	11:13:40	10/5/2011 11:13	0.025
5820	0.014	0.015	0.016	0.019	11:14:40	10/5/2011 11:14	0.02
5880	0.014	0.014	0.015	0.016	11:15:40	10/5/2011 11:15	0.017
5940	0.011	0.011	0.012	0.013	11:16:40	10/5/2011 11:16	0.014
6000	0.013	0.014	0.015	0.017	11:17:40	10/5/2011 11:17	0.017
6060	0.013	0.014	0.015	0.017	11:18:40	10/5/2011 11:18	0.017

6120	0.018	0.018	0.019	0.021	11:19:40	10/5/2011 11:19	0.021
6180	0.014	0.015	0.016	0.018	11:20:40	10/5/2011 11:20	0.019
6240	0.009	0.01	0.012	0.012	11:21:40	10/5/2011 11:21	0.012
6300	0.011	0.011	0.012	0.013	11:22:40	10/5/2011 11:22	0.014
6360	0.013	0.013	0.014	0.017	11:23:40	10/5/2011 11:23	0.017
6420	0.011	0.012	0.012	0.015	11:24:40	10/5/2011 11:24	0.016
6480	0.014	0.014	0.015	0.017	11:25:40	10/5/2011 11:25	0.017
6540	0.013	0.013	0.014	0.015	11:26:40	10/5/2011 11:26	0.016
6600	0.02	0.02	0.021	0.024	11:27:40	10/5/2011 11:27	0.025
6660	0.017	0.018	0.019	0.021	11:28:40	10/5/2011 11:28	0.022
6720	0.012	0.013	0.014	0.017	11:29:40	10/5/2011 11:29	0.017
6780	0.014	0.015	0.016	0.019	11:30:40	10/5/2011 11:30	0.021
6840	0.015	0.016	0.017	0.021	11:31:40	10/5/2011 11:31	0.023
6900	0.011	0.012	0.012	0.014	11:32:40	10/5/2011 11:32	0.014
6960	0.017	0.017	0.018	0.02	11:33:40	10/5/2011 11:33	0.02
7020	0.018	0.018	0.019	0.023	11:34:40	10/5/2011 11:34	0.026
7080	0.009	0.009	0.01	0.011	11:35:40	10/5/2011 11:35	0.012
7140	0.009	0.01	0.01	0.012	11:36:40	10/5/2011 11:36	0.013
7200	0.009	0.009	0.01	0.011	11:37:40	10/5/2011 11:37	0.013
7260	0.009	0.009	0.01	0.012	11:38:40	10/5/2011 11:38	0.012
7320	0.013	0.013	0.014	0.017	11:39:40	10/5/2011 11:39	0.018
7380	0.012	0.012	0.013	0.015	11:40:40	10/5/2011 11:40	0.016
7440	0.011	0.012	0.013	0.015	11:41:40	10/5/2011 11:41	0.015
7500	0.01	0.01	0.011	0.013	11:42:40	10/5/2011 11:42	0.014
7560	0.014	0.015	0.016	0.018	11:43:40	10/5/2011 11:43	0.018
7620	0.023	0.024	0.025	0.03	11:44:40	10/5/2011 11:44	0.03
7680	0.025	0.025	0.027	0.031	11:45:40	10/5/2011 11:45	0.032
7740	0.571	0.572	0.574	0.58	11:46:40	10/5/2011 11:46	0.582
7800	0.194	0.194	0.196	0.202	11:47:40	10/5/2011 11:47	0.206
7860	0.01	0.011	0.011	0.012	11:48:40	10/5/2011 11:48	0.013
7920	0.011	0.011	0.012	0.015	11:49:40	10/5/2011 11:49	0.016
7980	0.012	0.012	0.013	0.016	11:50:40	10/5/2011 11:50	0.017
8040	0.017	0.018	0.019	0.022	11:51:40	10/5/2011 11:51	0.023
8100	0.017	0.017	0.019	0.023	11:52:40	10/5/2011 11:52	0.023
8160	0.014	0.015	0.016	0.019	11:53:40	10/5/2011 11:53	0.02
8220	0.023	0.024	0.027	0.034	11:54:40	10/5/2011 11:54	0.035
8280	0.022	0.023	0.025	0.034	11:55:40	10/5/2011 11:55	0.034
8340	0.017	0.017	0.019	0.024	11:56:40	10/5/2011 11:56	0.026
8400	0.016	0.017	0.018	0.022	11:57:40	10/5/2011 11:57	0.023
8460	0.02	0.02	0.022	0.027	11:58:40	10/5/2011 11:58	0.027
8520	0.016	0.016	0.018	0.022	11:59:40	10/5/2011 11:59	0.022
8580	0.022	0.023	0.024	0.03	12:00:40	10/5/2011 12:00	0.031
8640	0.025	0.025	0.026	0.03	12:01:40	10/5/2011 12:01	0.03
8700	0.014	0.015	0.016	0.019	12:02:40	10/5/2011 12:02	0.02
8760	0.013	0.014	0.015	0.017	12:03:40	10/5/2011 12:03	0.017
8820	0.014	0.014	0.015	0.019	12:04:40	10/5/2011 12:04	0.02
8880	0.011	0.011	0.011	0.012	12:05:40	10/5/2011 12:05	0.012
8940	0.016	0.016	0.017	0.02	12:06:40	10/5/2011 12:06	0.02
9000	0.021	0.021	0.022	0.024	12:07:40	10/5/2011 12:07	0.025
9060	0.021	0.022	0.024	0.027	12:08:40	10/5/2011 12:08	0.028
9120	0.017	0.017	0.018	0.02	12:09:40	10/5/2011 12:09	0.021
9180	0.015	0.015	0.016	0.018	12:10:40	10/5/2011 12:10	0.019
9240	0.016	0.016	0.017	0.018	12:11:40	10/5/2011 12:11	0.019
9300	0.019	0.02	0.02	0.022	12:12:40	10/5/2011 12:12	0.022
9360	0.015	0.015	0.016	0.017	12:13:40	10/5/2011 12:13	0.018
9420	0.011	0.012	0.012	0.014	12:14:40	10/5/2011 12:14	0.014
9480	0.013	0.013	0.014	0.017	12:15:40	10/5/2011 12:15	0.017
9540	0.018	0.019	0.02	0.026	12:16:40	10/5/2011 12:16	0.028
9600	0.02	0.02	0.022	0.027	12:17:40	10/5/2011 12:17	0.028
9660	0.015	0.016	0.018	0.023	12:18:40	10/5/2011 12:18	0.024
9720	0.017	0.017	0.019	0.024	12:19:40	10/5/2011 12:19	0.025
9780	0.014	0.014	0.015	0.019	12:20:40	10/5/2011 12:20	0.021
9840	0.011	0.011	0.012	0.014	12:21:40	10/5/2011 12:21	0.014
9900	0.008	0.009	0.009	0.01	12:22:40	10/5/2011 12:22	0.01
9960	0.011	0.011	0.012	0.013	12:23:40	10/5/2011 12:23	0.013
10020	0.009	0.009	0.01	0.011	12:24:40	10/5/2011 12:24	0.011
10080	0.01	0.01	0.011	0.012	12:25:40	10/5/2011 12:25	0.012
10140	0.013	0.013	0.015	0.02	12:26:40	10/5/2011 12:26	0.02
10200	0.012	0.012	0.013	0.014	12:27:40	10/5/2011 12:27	0.015

10260	0.023	0.024	0.026	0.032	12:28:40	10/5/2011 12:28	0.033
10320	0.022	0.023	0.025	0.029	12:29:40	10/5/2011 12:29	0.029
10380	0.014	0.014	0.016	0.019	12:30:40	10/5/2011 12:30	0.02
10440	0.016	0.016	0.017	0.02	12:31:40	10/5/2011 12:31	0.02
10500	0.017	0.018	0.018	0.02	12:32:40	10/5/2011 12:32	0.02
10560	0.009	0.009	0.01	0.011	12:33:40	10/5/2011 12:33	0.012
10620	0.012	0.013	0.013	0.016	12:34:40	10/5/2011 12:34	0.017
10680	0.013	0.014	0.014	0.017	12:35:40	10/5/2011 12:35	0.017
10740	0.008	0.008	0.009	0.009	12:36:40	10/5/2011 12:36	0.009
10800	0.008	0.008	0.009	0.001	12:37:40	10/5/2011 12:37	0.01
10860	0.009	0.009	0.009	0.011	12:38:40	10/5/2011 12:38	0.011
10920	0.008	0.009	0.009	0.011	12:39:40	10/5/2011 12:39	0.012
10980	0.011	0.011	0.012	0.014	12:40:40	10/5/2011 12:40	0.015
11040	0.01	0.011	0.011	0.014	12:41:40	10/5/2011 12:41	0.014
11100	0.011	0.012	0.013	0.015	12:42:40	10/5/2011 12:42	0.015
11160	0.012	0.012	0.014	0.016	12:43:40	10/5/2011 12:43	0.016
11220	0.013	0.014	0.015	0.019	12:44:40	10/5/2011 12:44	0.02
11280	0.012	0.013	0.013	0.015	12:45:40	10/5/2011 12:45	0.015
11340	0.013	0.013	0.013	0.014	12:46:40	10/5/2011 12:46	0.014
11400	0.009	0.01	0.01	0.011	12:47:40	10/5/2011 12:47	0.011
11460	0.011	0.011	0.011	0.013	12:48:40	10/5/2011 12:48	0.013
11520	0.018	0.018	0.019	0.026	12:49:40	10/5/2011 12:49	0.029
11580	0.015	0.015	0.016	0.017	12:50:40	10/5/2011 12:50	0.019
11640	0.017	0.017	0.018	0.021	12:51:40	10/5/2011 12:51	0.022
11700	0.011	0.011	0.012	0.013	12:52:40	10/5/2011 12:52	0.013
11760	0.014	0.015	0.015	0.018	12:53:40	10/5/2011 12:53	0.018
11820	0.015	0.016	0.017	0.019	12:54:40	10/5/2011 12:54	0.02
11880	0.013	0.013	0.014	0.018	12:55:40	10/5/2011 12:55	0.018
11940	0.011	0.011	0.013	0.016	12:56:40	10/5/2011 12:56	0.017
12000	0.008	0.009	0.009	0.01	12:57:40	10/5/2011 12:57	0.01
12060	0.015	0.015	0.016	0.018	12:58:40	10/5/2011 12:58	0.018
12120	0.013	0.013	0.014	0.016	12:59:40	10/5/2011 12:59	0.016
12180	0.01	0.01	0.011	0.012	13:00:40	10/5/2011 13:00	0.012
12240	0.011	0.011	0.012	0.013	13:01:40	10/5/2011 13:01	0.014
12300	0.013	0.013	0.014	0.016	13:02:40	10/5/2011 13:02	0.016
12360	0.012	0.012	0.013	0.014	13:03:40	10/5/2011 13:03	0.014
12420	0.013	0.013	0.014	0.018	13:04:40	10/5/2011 13:04	0.019
12480	0.013	0.014	0.015	0.019	13:05:40	10/5/2011 13:05	0.019
12540	0.014	0.015	0.016	0.02	13:06:40	10/5/2011 13:06	0.02
12600	0.011	0.012	0.013	0.015	13:07:40	10/5/2011 13:07	0.015
12660	0.013	0.014	0.015	0.018	13:08:40	10/5/2011 13:08	0.018
12720	0.014	0.015	0.016	0.019	13:09:40	10/5/2011 13:09	0.02
12780	0.012	0.012	0.013	0.016	13:10:40	10/5/2011 13:10	0.016
12840	0.015	0.015	0.016	0.019	13:11:40	10/5/2011 13:11	0.02
12900	0.022	0.024	0.027	0.042	13:12:40	10/5/2011 13:12	0.043
12960	0.022	0.023	0.027	0.043	13:13:40	10/5/2011 13:13	0.047
13020	0.011	0.011	0.012	0.015	13:14:40	10/5/2011 13:14	0.016
13080	0.012	0.012	0.014	0.016	13:15:40	10/5/2011 13:15	0.017
13140	0.012	0.012	0.013	0.015	13:16:40	10/5/2011 13:16	0.017
13200	0.075	0.076	0.077	0.078	13:17:40	10/5/2011 13:17	0.079
13260	0.012	0.012	0.013	0.015	13:18:40	10/5/2011 13:18	0.015
13320	0.011	0.012	0.013	0.017	13:19:40	10/5/2011 13:19	0.017
13380	0.013	0.014	0.015	0.019	13:20:40	10/5/2011 13:20	0.021
13440	0.01	0.01	0.011	0.013	13:21:40	10/5/2011 13:21	0.013
13500	0.011	0.011	0.012	0.013	13:22:40	10/5/2011 13:22	0.014
13560	0.011	0.011	0.012	0.014	13:23:40	10/5/2011 13:23	0.014
13620	0.01	0.011	0.011	0.012	13:24:40	10/5/2011 13:24	0.013
13680	0.012	0.013	0.014	0.018	13:25:40	10/5/2011 13:25	0.019
13740	0.019	0.019	0.021	0.026	13:26:40	10/5/2011 13:26	0.028
13800	0.015	0.015	0.017	0.022	13:27:40	10/5/2011 13:27	0.022
13860	0.012	0.013	0.014	0.018	13:28:40	10/5/2011 13:28	0.019
13920	0.018	0.018	0.019	0.022	13:29:40	10/5/2011 13:29	0.022
13980	0.026	0.027	0.028	0.034	13:30:40	10/5/2011 13:30	0.035
14040	0.017	0.017	0.018	0.021	13:31:40	10/5/2011 13:31	0.021
14100	0.013	0.013	0.014	0.015	13:32:40	10/5/2011 13:32	0.015
14160	0.016	0.016	0.017	0.02	13:33:40	10/5/2011 13:33	0.02
14220	0.016	0.017	0.018	0.021	13:34:40	10/5/2011 13:34	0.021
14280	0.015	0.016	0.017	0.021	13:35:40	10/5/2011 13:35	0.021
14340	0.021	0.021	0.022	0.025	13:36:40	10/5/2011 13:36	0.026

14400	0.031	0.032	0.034	0.044	13:37:40	10/5/2011 13:37	0.047
14460	0.019	0.019	0.02	0.023	13:38:40	10/5/2011 13:38	0.024
14520	0.023	0.023	0.025	0.03	13:39:40	10/5/2011 13:39	0.031
14580	0.011	0.011	0.012	0.014	13:40:40	10/5/2011 13:40	0.015
14640	0.009	0.009	0.009	0.01	13:41:40	10/5/2011 13:41	0.01
14700	0.011	0.011	0.012	0.014	13:42:40	10/5/2011 13:42	0.014
14760	0.015	0.015	0.016	0.018	13:43:40	10/5/2011 13:43	0.018
14820	0.008	0.008	0.009	0.009	13:44:40	10/5/2011 13:44	0.009
14880	0.008	0.009	0.009	0.01	13:45:40	10/5/2011 13:45	0.01
14940	0.011	0.012	0.012	0.014	13:46:40	10/5/2011 13:46	0.014
15000	0.012	0.012	0.013	0.015	13:47:40	10/5/2011 13:47	0.016
15060	0.009	0.009	0.009	0.01	13:48:40	10/5/2011 13:48	0.01
15120	0.017	0.017	0.018	0.021	13:49:40	10/5/2011 13:49	0.022
15180	0.015	0.016	0.016	0.019	13:50:40	10/5/2011 13:50	0.019
15240	0.008	0.009	0.009	0.01	13:51:40	10/5/2011 13:51	0.01
15300	0.01	0.011	0.012	0.013	13:52:40	10/5/2011 13:52	0.013
15360	0.012	0.013	0.014	0.016	13:53:40	10/5/2011 13:53	0.016
15420	0.008	0.009	0.009	0.01	13:54:40	10/5/2011 13:54	0.01
15480	0.009	0.009	0.01	0.012	13:55:40	10/5/2011 13:55	0.012
15540	0.01	0.011	0.012	0.015	13:56:40	10/5/2011 13:56	0.015
15600	0.009	0.01	0.01	0.012	13:57:40	10/5/2011 13:57	0.012
15660	0.017	0.018	0.019	0.022	13:58:40	10/5/2011 13:58	0.022
15720	0.008	0.009	0.009	0.011	13:59:40	10/5/2011 13:59	0.011
15780	0.008	0.008	0.009	0.01	14:00:40	10/5/2011 14:00	0.01
15840	0.008	0.008	0.009	0.01	14:01:40	10/5/2011 14:01	0.01
15900	0.01	0.01	0.011	0.014	14:02:40	10/5/2011 14:02	0.014
15960	0.01	0.011	0.011	0.014	14:03:40	10/5/2011 14:03	0.015
16020	0.011	0.012	0.013	0.019	14:04:40	10/5/2011 14:04	0.022
16080	0.011	0.012	0.013	0.018	14:05:40	10/5/2011 14:05	0.019

Client: National Grid
 Location: Metro Lanes
 Date: 10/6/11

Field Personnel: T. Dimesky, L. Ferreira

Project: Metropolitan MGP
 Project Number:
 Weather: sunny 65°F
 Ambient Noise: Construction Nearby

Community Air Monitoring Plan / Noise Field Log

Time	Upwind PID	Upwind Dust Trak	Work Area PID	Downwind PID	Downwind Dust Trak	dB Readings ¹	Comments
0745	Ø.Ø	Ø.ØØØ	Ø.Ø	Ø.Ø	Ø.ØØØ	86.9	mob
0800	Ø.Ø	Ø.Ø16	Ø.Ø	Ø.Ø	Ø.Ø14	90.4	regime SB-22 drilling
0815	Ø.Ø	Ø.Ø13	Ø.Ø	Ø.Ø	Ø.Ø23	88.1	"
0830	Ø.Ø	ØØ11	Ø.Ø	Ø.Ø	Ø.Ø18	86.3	"
0845	Ø.Ø	Ø.Ø21	Ø.Ø	Ø.Ø	Ø.Ø31	85.6	"
0900	Ø.Ø	Ø.Ø27	Ø.Ø	Ø.Ø	Ø.Ø37	85.2	"
0915	Ø.Ø	Ø.Ø18	Ø.Ø	Ø.Ø	Ø.Ø29	88.1	"
0930	Ø.Ø	Ø.Ø14	Ø.Ø	Ø.Ø	Ø.Ø24	89.6	"
0945	Ø.Ø	Ø.Ø16	Ø.Ø	Ø.Ø	Ø.Ø23	88.1	"
1000	Ø.Ø	Ø.Ø24	Ø.Ø	Ø.Ø	Ø.Ø34	88.3	"
1015	Ø.Ø	Ø.Ø24	Ø.Ø	Ø.Ø	Ø.Ø21	88.2	"
1030	Ø.Ø	Ø.Ø25	Ø.Ø	Ø.Ø	Ø.Ø31	89.7	"
1045	Ø.Ø	Ø.Ø28	Ø.Ø	Ø.Ø	Ø.Ø31	80.3	complete drilling SB-22
1100	Ø.Ø	Ø.Ø25	Ø.Ø	Ø.Ø	Ø.Ø36	89.1	SB-22 well installation
1115	Ø.Ø	Ø.Ø14	Ø.Ø	Ø.Ø	Ø.Ø23	90.5	" "
1130	Ø.Ø	Ø.Ø14	Ø.Ø	Ø.Ø	Ø.Ø28	79.8	break
1145	Ø.Ø	Ø.Ø14	Ø.Ø	Ø.Ø	Ø.Ø22	77.2	break
1200	Ø.Ø	Ø.Ø14	Ø.Ø	Ø.Ø	Ø.Ø26	80.4	plugging borehole
1215	Ø.Ø	Ø.ØØ7	Ø.Ø	Ø.Ø	Ø.Ø14	85.6	well construction
1230	Ø.Ø	Ø.ØØ7	Ø.Ø	Ø.Ø	Ø.Ø09	89.2	↓
1300	Ø.Ø	Ø.ØØ5	Ø.Ø	Ø.Ø	Ø.Ø13	84.0	↓
1330	Ø.Ø	Ø.Ø16	Ø.Ø	Ø.Ø	Ø.Ø14	86.9	"
1345	Ø.Ø	Ø.ØØ1	Ø.Ø	Ø.Ø	Ø.Ø11	86.3	"

=====Event #20 information (begin)=====

[Event #20 name:]-[Event #20]2011-10-06 07:55<-->2011-10-06 10:26

[Event start time:]-2011-10-06 07:55:18[Event end time:]-2011-10-06 10:26:18

=====Event #20 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-904624

Data Points: 151 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====Sensor Information : PID-Min(ppm)PID-Avg(ppm)PID-Max(ppm)=====

Measurement Gas : Isobutene

Calibration Time : 2011-10-06 06:38:002011-10-06 06:38:002011-10-06 06:38:00

Drift Value : --- --- ---

Low Alarm Levels : 50.000 50.000 50.000

High Alarm Levels : 100.000 100.000 100.000

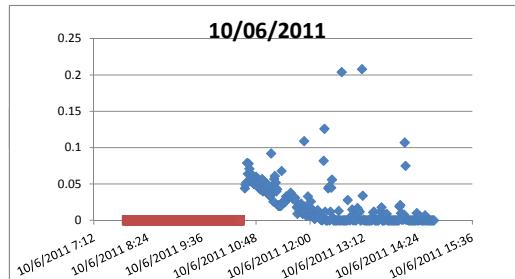
Span Value : 100.000 100.000 100.000

Correction Factor : 1.00 1.00 1.00

Over Alarm Levels : 15000.000 15000.000 15000.000

=====Event #20 data informations=====

LINE#	Date/Time	PID-Max(ppm)	PID-Min(ppm)	PID-Avg(ppm)
1	10/6/2011 7:56	0	0	0
2	10/6/2011 7:57	0	0	0
3	10/6/2011 7:58	0	0	0
4	10/6/2011 7:59	0	0	0
5	10/6/2011 8:00	0	0	0
6	10/6/2011 8:01	0	0	0
7	10/6/2011 8:02	0	0	0
8	10/6/2011 8:03	0	0	0
9	10/6/2011 8:04	0	0	0
10	10/6/2011 8:05	0	0	0
11	10/6/2011 8:06	0	0	0
12	10/6/2011 8:07	0	0	0
13	10/6/2011 8:08	0	0	0
14	10/6/2011 8:09	0	0	0
15	10/6/2011 8:10	0	0	0
16	10/6/2011 8:11	0	0	0
17	10/6/2011 8:12	0	0	0
18	10/6/2011 8:13	0	0	0
19	10/6/2011 8:14	0	0	0
20	10/6/2011 8:15	0	0	0
21	10/6/2011 8:16	0	0	0
22	10/6/2011 8:17	0	0	0
23	10/6/2011 8:18	0	0	0
24	10/6/2011 8:19	0	0	0
25	10/6/2011 8:20	0	0	0
26	10/6/2011 8:21	0	0	0
27	10/6/2011 8:22	0	0	0
28	10/6/2011 8:23	0	0	0
29	10/6/2011 8:24	0	0	0
30	10/6/2011 8:25	0	0	0
31	10/6/2011 8:26	0	0	0
32	10/6/2011 8:27	0	0	0
33	10/6/2011 8:28	0	0	0
34	10/6/2011 8:29	0	0	0
35	10/6/2011 8:30	0	0	0
36	10/6/2011 8:31	0	0	0
37	10/6/2011 8:32	0	0	0
38	10/6/2011 8:33	0	0	0
39	10/6/2011 8:34	0	0	0
40	10/6/2011 8:35	0	0	0
41	10/6/2011 8:36	0	0	0
42	10/6/2011 8:37	0	0	0
43	10/6/2011 8:38	0	0	0
44	10/6/2011 8:39	0	0	0
45	10/6/2011 8:40	0	0	0
46	10/6/2011 8:41	0	0	0
47	10/6/2011 8:42	0	0	0
48	10/6/2011 8:43	0	0	0



49	10/6/2011 8:44	0	0	0
50	10/6/2011 8:45	0	0	0
51	10/6/2011 8:46	0	0	0
52	10/6/2011 8:47	0	0	0
53	10/6/2011 8:48	0	0	0
54	10/6/2011 8:49	0	0	0
55	10/6/2011 8:50	0	0	0
56	10/6/2011 8:51	0	0	0
57	10/6/2011 8:52	0	0	0
58	10/6/2011 8:53	0	0	0
59	10/6/2011 8:54	0	0	0
60	10/6/2011 8:55	0	0	0
61	10/6/2011 8:56	0	0	0
62	10/6/2011 8:57	0	0	0
63	10/6/2011 8:58	0	0	0
64	10/6/2011 8:59	0	0	0
65	10/6/2011 9:00	0	0	0
66	10/6/2011 9:01	0	0	0
67	10/6/2011 9:02	0	0	0
68	10/6/2011 9:03	0	0	0
69	10/6/2011 9:04	0	0	0
70	10/6/2011 9:05	0	0	0
71	10/6/2011 9:06	0	0	0
72	10/6/2011 9:07	0	0	0
73	10/6/2011 9:08	0	0	0
74	10/6/2011 9:09	0	0	0
75	10/6/2011 9:10	0	0	0
76	10/6/2011 9:11	0	0	0
77	10/6/2011 9:12	0	0	0
78	10/6/2011 9:13	0	0	0
79	10/6/2011 9:14	0	0	0
80	10/6/2011 9:15	0	0	0
81	10/6/2011 9:16	0	0	0
82	10/6/2011 9:17	0	0	0
83	10/6/2011 9:18	0	0	0
84	10/6/2011 9:19	0	0	0
85	10/6/2011 9:20	0	0	0
86	10/6/2011 9:21	0	0	0
87	10/6/2011 9:22	0	0	0
88	10/6/2011 9:23	0	0	0
89	10/6/2011 9:24	0	0	0
90	10/6/2011 9:25	0	0	0
91	10/6/2011 9:26	0	0	0
92	10/6/2011 9:27	0	0	0
93	10/6/2011 9:28	0	0	0
94	10/6/2011 9:29	0	0	0
95	10/6/2011 9:30	0	0	0
96	10/6/2011 9:31	0	0	0
97	10/6/2011 9:32	0	0	0
98	10/6/2011 9:33	0	0	0
99	10/6/2011 9:34	0	0	0
100	10/6/2011 9:35	0	0	0
101	10/6/2011 9:36	0	0	0
102	10/6/2011 9:37	0	0	0
103	10/6/2011 9:38	0	0	0
104	10/6/2011 9:39	0	0	0
105	10/6/2011 9:40	0	0	0
106	10/6/2011 9:41	0	0	0
107	10/6/2011 9:42	0	0	0
108	10/6/2011 9:43	0	0	0
109	10/6/2011 9:44	0	0	0
110	10/6/2011 9:45	0	0	0
111	10/6/2011 9:46	0	0	0
112	10/6/2011 9:47	0	0	0
113	10/6/2011 9:48	0	0	0
114	10/6/2011 9:49	0	0	0
115	10/6/2011 9:50	0	0	0
116	10/6/2011 9:51	0	0	0
117	10/6/2011 9:52	0	0	0

118	10/6/2011 9:53	0	0	0
119	10/6/2011 9:54	0	0	0
120	10/6/2011 9:55	0	0	0
121	10/6/2011 9:56	0	0	0
122	10/6/2011 9:57	0	0	0
123	10/6/2011 9:58	0	0	0
124	10/6/2011 9:59	0	0	0
125	10/6/2011 10:00	0	0	0
126	10/6/2011 10:01	0	0	0
127	10/6/2011 10:02	0	0	0
128	10/6/2011 10:03	0	0	0
129	10/6/2011 10:04	0	0	0
130	10/6/2011 10:05	0	0	0
131	10/6/2011 10:06	0	0	0
132	10/6/2011 10:07	0	0	0
133	10/6/2011 10:08	0	0	0
134	10/6/2011 10:09	0	0	0
135	10/6/2011 10:10	0	0	0
136	10/6/2011 10:11	0	0	0
137	10/6/2011 10:12	0	0	0
138	10/6/2011 10:13	0	0	0
139	10/6/2011 10:14	0	0	0
140	10/6/2011 10:15	0	0	0
141	10/6/2011 10:16	0	0	0
142	10/6/2011 10:17	0	0	0
143	10/6/2011 10:18	0	0	0
144	10/6/2011 10:19	0	0	0
145	10/6/2011 10:20	0	0	0
146	10/6/2011 10:21	0	0	0
147	10/6/2011 10:22	0	0	0
148	10/6/2011 10:23	0	0	0
149	10/6/2011 10:24	0	0	0
150	10/6/2011 10:25	0	0	0
151	10/6/2011 10:26	0	0	0

=====Event #20 information (end)=====

=====Event #24 information (begin)=====

=====Event #24 information (end)=====

[Event #24 name:]-[Event #24]2011-10-06 10:32<->2011-10-06 14:45

[Event start time:]-2011-10-06 10:32:51[Event end time:]-2011-10-06 14:45:51

=====Event #24 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-904624

Data Points: 253 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====Event #24 data informations=====

Sensor Information : PID-Min(ppm)PID-Avg(ppm)PID-Max(ppm)

Measurement Gas : Isobutene

Calibration Time : 2011-10-06 06:38:022011-10-06 06:38:022011-10-06 06:38:00

Drift Value : --- --- ---

Low Alarm Levels : 50.000 50.000 50.000

High Alarm Levels : 100.000 100.000 100.000

Span Value : 100.000 100.000 100.000

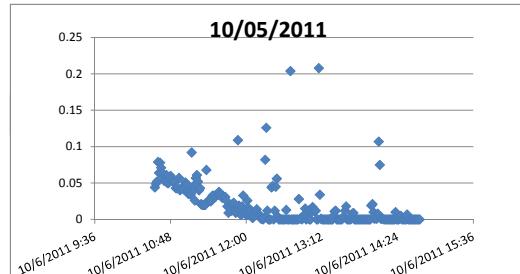
Correction Factor : 1.00 1.00 1.00

Over Alarm Levels : 15000.000 15000.000 15000.000

=====Event #24 data informations=====

LINE# Date/Time PID-Max(ppm) PID-Min(ppm) PID-Avg(ppm)

1	10/6/2011 10:33	0.044	0.004	0.02
2	10/6/2011 10:34	0.049	0.005	0.022
3	10/6/2011 10:35	0.052	0.01	0.02
4	10/6/2011 10:36	0.079	0.015	0.04
5	10/6/2011 10:37	0.064	0.015	0.035
6	10/6/2011 10:38	0.078	0.043	0.064
7	10/6/2011 10:39	0.071	0.026	0.05
8	10/6/2011 10:40	0.064	0.021	0.053
9	10/6/2011 10:41	0.058	0.026	0.046
10	10/6/2011 10:42	0.053	0.011	0.042
11	10/6/2011 10:43	0.053	0.009	0.032



12	10/6/2011 10:44	0.061	0.013	0.032
13	10/6/2011 10:45	0.05	0.008	0.031
14	10/6/2011 10:46	0.05	0.006	0.024
15	10/6/2011 10:47	0.055	0.018	0.035
16	10/6/2011 10:48	0.06	0.014	0.035
17	10/6/2011 10:49	0.056	0.018	0.033
18	10/6/2011 10:50	0.052	0.016	0.03
19	10/6/2011 10:51	0.052	0.018	0.036
20	10/6/2011 10:52	0.052	0.009	0.028
21	10/6/2011 10:53	0.043	0.011	0.025
22	10/6/2011 10:54	0.043	0.005	0.02
23	10/6/2011 10:55	0.043	0.007	0.022
24	10/6/2011 10:56	0.057	0.009	0.032
25	10/6/2011 10:57	0.04	0.009	0.021
26	10/6/2011 10:58	0.042	0.007	0.024
27	10/6/2011 10:59	0.043	0.005	0.023
28	10/6/2011 11:00	0.042	0.009	0.022
29	10/6/2011 11:01	0.041	0.01	0.024
30	10/6/2011 11:02	0.051	0.018	0.032
31	10/6/2011 11:03	0.049	0.016	0.031
32	10/6/2011 11:04	0.038	0.007	0.018
33	10/6/2011 11:05	0.035	0.007	0.018
34	10/6/2011 11:06	0.039	0.006	0.019
35	10/6/2011 11:07	0.034	0.007	0.019
36	10/6/2011 11:08	0.092	0.009	0.027
37	10/6/2011 11:09	0.045	0.006	0.025
38	10/6/2011 11:10	0.04	0.003	0.022
39	10/6/2011 11:11	0.026	0	0.014
40	10/6/2011 11:12	0.057	0.003	0.018
41	10/6/2011 11:13	0.061	0.011	0.031
42	10/6/2011 11:14	0.052	0.012	0.029
43	10/6/2011 11:15	0.04	0.017	0.027
44	10/6/2011 11:16	0.043	0.006	0.023
45	10/6/2011 11:17	0.021	0	0.005
46	10/6/2011 11:18	0.02	0	0.008
47	10/6/2011 11:19	0.02	0	0.006
48	10/6/2011 11:20	0.02	0	0.005
49	10/6/2011 11:21	0.02	0	0.006
50	10/6/2011 11:22	0.068	0.001	0.016
51	10/6/2011 11:23	0.024	0.002	0.012
52	10/6/2011 11:24	0.026	0	0.01
53	10/6/2011 11:25	0.026	0	0.011
54	10/6/2011 11:26	0.025	0.001	0.011
55	10/6/2011 11:27	0.026	0.002	0.014
56	10/6/2011 11:28	0.033	0.005	0.018
57	10/6/2011 11:29	0.029	0.007	0.016
58	10/6/2011 11:30	0.033	0.007	0.019
59	10/6/2011 11:31	0.032	0.01	0.021
60	10/6/2011 11:32	0.034	0.009	0.019
61	10/6/2011 11:33	0.034	0.009	0.023
62	10/6/2011 11:34	0.038	0.015	0.024
63	10/6/2011 11:35	0.035	0.014	0.024
64	10/6/2011 11:36	0.034	0.009	0.021
65	10/6/2011 11:37	0.03	0.006	0.019
66	10/6/2011 11:38	0.03	0.011	0.021
67	10/6/2011 11:39	0.031	0.015	0.022
68	10/6/2011 11:40	0.031	0.006	0.018
69	10/6/2011 11:41	0.026	0.003	0.012
70	10/6/2011 11:42	0.018	0	0.006
71	10/6/2011 11:43	0.009	0	0.003
72	10/6/2011 11:44	0.017	0	0.006
73	10/6/2011 11:45	0.016	0	0.005
74	10/6/2011 11:46	0.012	0	0.003
75	10/6/2011 11:47	0.021	0	0.008
76	10/6/2011 11:48	0.023	0	0.006
77	10/6/2011 11:49	0.012	0	0.003
78	10/6/2011 11:50	0.009	0	0.002
79	10/6/2011 11:51	0.011	0	0.002
80	10/6/2011 11:52	0.109	0	0.021

81	10/6/2011 11:53	0.019	0	0.007
82	10/6/2011 11:54	0.013	0	0.003
83	10/6/2011 11:55	0.006	0	0.001
84	10/6/2011 11:56	0.018	0	0.006
85	10/6/2011 11:57	0.033	0	0.015
86	10/6/2011 11:58	0.014	0	0.005
87	10/6/2011 11:59	0.008	0	0.002
88	10/6/2011 12:00	0.006	0	0.001
89	10/6/2011 12:01	0.026	0	0.006
90	10/6/2011 12:02	0.016	0	0.002
91	10/6/2011 12:03	0.006	0	0.001
92	10/6/2011 12:04	0.013	0	0.004
93	10/6/2011 12:05	0.007	0	0.001
94	10/6/2011 12:06	0.002	0	0
95	10/6/2011 12:07	0.004	0	0
96	10/6/2011 12:08	0.006	0	0
97	10/6/2011 12:09	0.01	0	0.001
98	10/6/2011 12:10	0.014	0	0.004
99	10/6/2011 12:11	0.008	0	0.001
100	10/6/2011 12:12	0.007	0	0.001
101	10/6/2011 12:13	0.005	0	0
102	10/6/2011 12:14	0.001	0	0
103	10/6/2011 12:15	0.001	0	0
104	10/6/2011 12:16	0	0	0
105	10/6/2011 12:17	0.002	0	0
106	10/6/2011 12:18	0.082	0	0.012
107	10/6/2011 12:19	0.126	0	0.03
108	10/6/2011 12:20	0.012	0	0
109	10/6/2011 12:21	0	0	0
110	10/6/2011 12:22	0	0	0
111	10/6/2011 12:23	0	0	0
112	10/6/2011 12:24	0.044	0	0.006
113	10/6/2011 12:25	0.046	0	0.014
114	10/6/2011 12:26	0	0	0
115	10/6/2011 12:27	0.012	0	0.001
116	10/6/2011 12:28	0.045	0	0.003
117	10/6/2011 12:29	0.056	0	0.004
118	10/6/2011 12:30	0.004	0	0
119	10/6/2011 12:31	0	0	0
120	10/6/2011 12:32	0	0	0
121	10/6/2011 12:33	0	0	0
122	10/6/2011 12:34	0	0	0
123	10/6/2011 12:35	0	0	0
124	10/6/2011 12:36	0	0	0
125	10/6/2011 12:37	0	0	0
126	10/6/2011 12:38	0.013	0	0.001
127	10/6/2011 12:39	0	0	0
128	10/6/2011 12:40	0	0	0
129	10/6/2011 12:41	0	0	0
130	10/6/2011 12:42	0.204	0	0.026
131	10/6/2011 12:43	0	0	0
132	10/6/2011 12:44	0	0	0
133	10/6/2011 12:45	0	0	0
134	10/6/2011 12:46	0	0	0
135	10/6/2011 12:47	0	0	0
136	10/6/2011 12:48	0	0	0
137	10/6/2011 12:49	0	0	0
138	10/6/2011 12:50	0.028	0	0.002
139	10/6/2011 12:51	0.001	0	0
140	10/6/2011 12:52	0.002	0	0
141	10/6/2011 12:53	0	0	0
142	10/6/2011 12:54	0.004	0	0
143	10/6/2011 12:55	0.006	0	0
144	10/6/2011 12:56	0.015	0	0.001
145	10/6/2011 12:57	0	0	0
146	10/6/2011 12:58	0.006	0	0
147	10/6/2011 12:59	0.012	0	0.001
148	10/6/2011 13:00	0	0	0
149	10/6/2011 13:01	0	0	0

150	10/6/2011 13:02	0.01	0	0
151	10/6/2011 13:03	0.017	0	0.002
152	10/6/2011 13:04	0.015	0	0.002
153	10/6/2011 13:05	0.011	0	0.003
154	10/6/2011 13:06	0.012	0	0.002
155	10/6/2011 13:07	0	0	0
156	10/6/2011 13:08	0	0	0
157	10/6/2011 13:09	0.208	0	0.029
158	10/6/2011 13:10	0.034	0	0.001
159	10/6/2011 13:11	0.001	0	0
160	10/6/2011 13:12	0	0	0
161	10/6/2011 13:13	0	0	0
162	10/6/2011 13:14	0	0	0
163	10/6/2011 13:15	0	0	0
164	10/6/2011 13:16	0	0	0
165	10/6/2011 13:17	0	0	0
166	10/6/2011 13:18	0	0	0
167	10/6/2011 13:19	0	0	0
168	10/6/2011 13:20	0	0	0
169	10/6/2011 13:21	0	0	0
170	10/6/2011 13:22	0	0	0
171	10/6/2011 13:23	0.005	0	0
172	10/6/2011 13:24	0.011	0	0.001
173	10/6/2011 13:25	0.012	0	0.002
174	10/6/2011 13:26	0	0	0
175	10/6/2011 13:27	0	0	0
176	10/6/2011 13:28	0	0	0
177	10/6/2011 13:29	0	0	0
178	10/6/2011 13:30	0	0	0
179	10/6/2011 13:31	0	0	0
180	10/6/2011 13:32	0.003	0	0
181	10/6/2011 13:33	0.003	0	0
182	10/6/2011 13:34	0.012	0	0.001
183	10/6/2011 13:35	0.018	0	0.003
184	10/6/2011 13:36	0	0	0
185	10/6/2011 13:37	0	0	0
186	10/6/2011 13:38	0	0	0
187	10/6/2011 13:39	0	0	0
188	10/6/2011 13:40	0.001	0	0
189	10/6/2011 13:41	0.008	0	0.001
190	10/6/2011 13:42	0.009	0	0.001
191	10/6/2011 13:43	0	0	0
192	10/6/2011 13:44	0	0	0
193	10/6/2011 13:45	0	0	0
194	10/6/2011 13:46	0	0	0
195	10/6/2011 13:47	0	0	0
196	10/6/2011 13:48	0	0	0
197	10/6/2011 13:49	0	0	0
198	10/6/2011 13:50	0	0	0
199	10/6/2011 13:51	0	0	0
200	10/6/2011 13:52	0	0	0
201	10/6/2011 13:53	0	0	0
202	10/6/2011 13:54	0	0	0
203	10/6/2011 13:55	0	0	0
204	10/6/2011 13:56	0	0	0
205	10/6/2011 13:57	0	0	0
206	10/6/2011 13:58	0	0	0
207	10/6/2011 13:59	0.019	0	0.004
208	10/6/2011 14:00	0.021	0	0.006
209	10/6/2011 14:01	0.01	0	0.001
210	10/6/2011 14:02	0.001	0	0
211	10/6/2011 14:03	0.004	0	0
212	10/6/2011 14:04	0.001	0	0
213	10/6/2011 14:05	0.008	0	0.001
214	10/6/2011 14:06	0.107	0	0.006
215	10/6/2011 14:07	0.075	0	0.002
216	10/6/2011 14:08	0.001	0	0
217	10/6/2011 14:09	0.001	0	0
218	10/6/2011 14:10	0.001	0	0

219	10/6/2011 14:11	0	0	0
220	10/6/2011 14:12	0	0	0
221	10/6/2011 14:13	0	0	0
222	10/6/2011 14:14	0	0	0
223	10/6/2011 14:15	0	0	0
224	10/6/2011 14:16	0	0	0
225	10/6/2011 14:17	0	0	0
226	10/6/2011 14:18	0	0	0
227	10/6/2011 14:19	0	0	0
228	10/6/2011 14:20	0	0	0
229	10/6/2011 14:21	0	0	0
230	10/6/2011 14:22	0.01	0	0
231	10/6/2011 14:23	0	0	0
232	10/6/2011 14:24	0	0	0
233	10/6/2011 14:25	0	0	0
234	10/6/2011 14:26	0.001	0	0
235	10/6/2011 14:27	0.005	0	0
236	10/6/2011 14:28	0	0	0
237	10/6/2011 14:29	0	0	0
238	10/6/2011 14:30	0	0	0
239	10/6/2011 14:31	0	0	0
240	10/6/2011 14:32	0	0	0
241	10/6/2011 14:33	0.007	0	0
242	10/6/2011 14:34	0	0	0
243	10/6/2011 14:35	0	0	0
244	10/6/2011 14:36	0	0	0
245	10/6/2011 14:37	0	0	0
246	10/6/2011 14:38	0	0	0
247	10/6/2011 14:39	0	0	0
248	10/6/2011 14:40	0	0	0
249	10/6/2011 14:41	0	0	0
250	10/6/2011 14:42	0	0	0
251	10/6/2011 14:43	0	0	0
252	10/6/2011 14:44	0	0	0
253	10/6/2011 14:45	0	0	0

=====Event #24 information (end)=====

=====Event #13 information (begin)=====

[Event #13 name:]-[Event #13]2011-10-06 07:44-->2011-10-06 14:55
[Event start time:]-2011-10-06 07:44:08[Event end time:]-2011-10-06 14:55:08

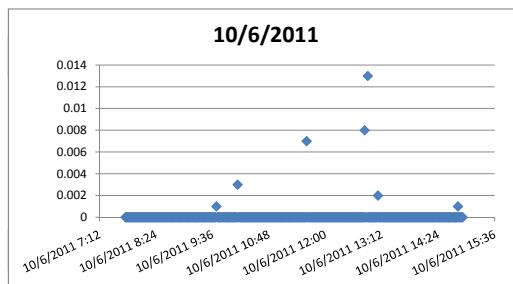
=====Event #13 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905367
Data Points: 431 Sample Period: 60 s Datalog Mode: Automatic
SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

Sensor Information : PID(ppb)
Measurement Gas : Isobutene
Calibration Time : 2011-10-06 06:50:00
Drift Value : --
Low Alarm Levels : 25847
High Alarm Levels : 51694
Span Value : 100000
Correction Factor : 1.00
Over Alarm Levels : 15000000

=====Event #13 data informations=====

LINE#	Date/Time	PID(ppm)	PID(ppb)
1	10/6/2011 7:45 0		0
2	10/6/2011 7:46 0		0
3	10/6/2011 7:47 0		0
4	10/6/2011 7:48 0		0
5	10/6/2011 7:49 0		0
6	10/6/2011 7:50 0		0
7	10/6/2011 7:51 0		0
8	10/6/2011 7:52 0		0
9	10/6/2011 7:53 0		0
10	10/6/2011 7:54 0		0
11	10/6/2011 7:55 0		0
12	10/6/2011 7:56 0		0
13	10/6/2011 7:57 0		0
14	10/6/2011 7:58 0		0
15	10/6/2011 7:59 0		0
16	10/6/2011 8:00 0		0
17	10/6/2011 8:01 0		0
18	10/6/2011 8:02 0		0
19	10/6/2011 8:03 0		0
20	10/6/2011 8:04 0		0
21	10/6/2011 8:05 0		0
22	10/6/2011 8:06 0		0
23	10/6/2011 8:07 0		0
24	10/6/2011 8:08 0		0
25	10/6/2011 8:09 0		0
26	10/6/2011 8:10 0		0
27	10/6/2011 8:11 0		0
28	10/6/2011 8:12 0		0
29	10/6/2011 8:13 0		0
30	10/6/2011 8:14 0		0
31	10/6/2011 8:15 0		0
32	10/6/2011 8:16 0		0
33	10/6/2011 8:17 0		0
34	10/6/2011 8:18 0		0
35	10/6/2011 8:19 0		0
36	10/6/2011 8:20 0		0
37	10/6/2011 8:21 0		0
38	10/6/2011 8:22 0		0
39	10/6/2011 8:23 0		0
40	10/6/2011 8:24 0		0
41	10/6/2011 8:25 0		0
42	10/6/2011 8:26 0		0
43	10/6/2011 8:27 0		0
44	10/6/2011 8:28 0		0
45	10/6/2011 8:29 0		0
46	10/6/2011 8:30 0		0
47	10/6/2011 8:31 0		0
48	10/6/2011 8:32 0		0



49	10/6/2011 8:33	0
50	10/6/2011 8:34	0
51	10/6/2011 8:35	0
52	10/6/2011 8:36	0
53	10/6/2011 8:37	0
54	10/6/2011 8:38	0
55	10/6/2011 8:39	0
56	10/6/2011 8:40	0
57	10/6/2011 8:41	0
58	10/6/2011 8:42	0
59	10/6/2011 8:43	0
60	10/6/2011 8:44	0
61	10/6/2011 8:45	0
62	10/6/2011 8:46	0
63	10/6/2011 8:47	0
64	10/6/2011 8:48	0
65	10/6/2011 8:49	0
66	10/6/2011 8:50	0
67	10/6/2011 8:51	0
68	10/6/2011 8:52	0
69	10/6/2011 8:53	0
70	10/6/2011 8:54	0
71	10/6/2011 8:55	0
72	10/6/2011 8:56	0
73	10/6/2011 8:57	0
74	10/6/2011 8:58	0
75	10/6/2011 8:59	0
76	10/6/2011 9:00	0
77	10/6/2011 9:01	0
78	10/6/2011 9:02	0
79	10/6/2011 9:03	0
80	10/6/2011 9:04	0
81	10/6/2011 9:05	0
82	10/6/2011 9:06	0
83	10/6/2011 9:07	0
84	10/6/2011 9:08	0
85	10/6/2011 9:09	0
86	10/6/2011 9:10	0
87	10/6/2011 9:11	0
88	10/6/2011 9:12	0
89	10/6/2011 9:13	0
90	10/6/2011 9:14	0
91	10/6/2011 9:15	0
92	10/6/2011 9:16	0
93	10/6/2011 9:17	0
94	10/6/2011 9:18	0
95	10/6/2011 9:19	0
96	10/6/2011 9:20	0
97	10/6/2011 9:21	0
98	10/6/2011 9:22	0
99	10/6/2011 9:23	0
100	10/6/2011 9:24	0
101	10/6/2011 9:25	0
102	10/6/2011 9:26	0
103	10/6/2011 9:27	0
104	10/6/2011 9:28	0
105	10/6/2011 9:29	0
106	10/6/2011 9:30	0
107	10/6/2011 9:31	0
108	10/6/2011 9:32	0
109	10/6/2011 9:33	0
110	10/6/2011 9:34	0
111	10/6/2011 9:35	0
112	10/6/2011 9:36	0
113	10/6/2011 9:37	0
114	10/6/2011 9:38	0
115	10/6/2011 9:39	0
116	10/6/2011 9:40	0
117	10/6/2011 9:41	0.001

118	10/6/2011 9:42 0	0
119	10/6/2011 9:43 0	0
120	10/6/2011 9:44 0	0
121	10/6/2011 9:45 0	0
122	10/6/2011 9:46 0	0
123	10/6/2011 9:47 0	0
124	10/6/2011 9:48 0	0
125	10/6/2011 9:49 0	0
126	10/6/2011 9:50 0	0
127	10/6/2011 9:51 0	0
128	10/6/2011 9:52 0	0
129	10/6/2011 9:53 0	0
130	10/6/2011 9:54 0	0
131	10/6/2011 9:55 0	0
132	10/6/2011 9:56 0	0
133	10/6/2011 9:57 0	0
134	10/6/2011 9:58 0	0
135	10/6/2011 9:59 0	0
136	10/6/2011 10:00 0	0
137	10/6/2011 10:01 0	0
138	10/6/2011 10:02 0	0
139	10/6/2011 10:03 0	0
140	10/6/2011 10:04 0	0
141	10/6/2011 10:05 0	0
142	10/6/2011 10:06 0	0
143	10/6/2011 10:07 0	0
144	10/6/2011 10:08 0.003	3
145	10/6/2011 10:09 0	0
146	10/6/2011 10:10 0	0
147	10/6/2011 10:11 0	0
148	10/6/2011 10:12 0	0
149	10/6/2011 10:13 0	0
150	10/6/2011 10:14 0	0
151	10/6/2011 10:15 0	0
152	10/6/2011 10:16 0	0
153	10/6/2011 10:17 0	0
154	10/6/2011 10:18 0	0
155	10/6/2011 10:19 0	0
156	10/6/2011 10:20 0	0
157	10/6/2011 10:21 0	0
158	10/6/2011 10:22 0	0
159	10/6/2011 10:23 0	0
160	10/6/2011 10:24 0	0
161	10/6/2011 10:25 0	0
162	10/6/2011 10:26 0	0
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165	10/6/2011 10:29 0	0
166	10/6/2011 10:30 0	0
167	10/6/2011 10:31 0	0
168	10/6/2011 10:32 0	0
169	10/6/2011 10:33 0	0
170	10/6/2011 10:34 0	0
171	10/6/2011 10:35 0	0
172	10/6/2011 10:36 0	0
173	10/6/2011 10:37 0	0
174	10/6/2011 10:38 0	0
175	10/6/2011 10:39 0	0
176	10/6/2011 10:40 0	0
177	10/6/2011 10:41 0	0
178	10/6/2011 10:42 0	0
179	10/6/2011 10:43 0	0
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181	10/6/2011 10:45 0	0
182	10/6/2011 10:46 0	0
183	10/6/2011 10:47 0	0
184	10/6/2011 10:48 0	0
185	10/6/2011 10:49 0	0
186	10/6/2011 10:50 0	0

187	10/6/2011 10:51 0	0
188	10/6/2011 10:52 0	0
189	10/6/2011 10:53 0	0
190	10/6/2011 10:54 0	0
191	10/6/2011 10:55 0	0
192	10/6/2011 10:56 0	0
193	10/6/2011 10:57 0	0
194	10/6/2011 10:58 0	0
195	10/6/2011 10:59 0	0
196	10/6/2011 11:00 0	0
197	10/6/2011 11:01 0	0
198	10/6/2011 11:02 0	0
199	10/6/2011 11:03 0	0
200	10/6/2011 11:04 0	0
201	10/6/2011 11:05 0	0
202	10/6/2011 11:06 0	0
203	10/6/2011 11:07 0	0
204	10/6/2011 11:08 0	0
205	10/6/2011 11:09 0	0
206	10/6/2011 11:10 0	0
207	10/6/2011 11:11 0	0
208	10/6/2011 11:12 0	0
209	10/6/2011 11:13 0	0
210	10/6/2011 11:14 0	0
211	10/6/2011 11:15 0	0
212	10/6/2011 11:16 0	0
213	10/6/2011 11:17 0	0
214	10/6/2011 11:18 0	0
215	10/6/2011 11:19 0	0
216	10/6/2011 11:20 0	0
217	10/6/2011 11:21 0	0
218	10/6/2011 11:22 0	0
219	10/6/2011 11:23 0	0
220	10/6/2011 11:24 0	0
221	10/6/2011 11:25 0	0
222	10/6/2011 11:26 0	0
223	10/6/2011 11:27 0	0
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226	10/6/2011 11:30 0	0
227	10/6/2011 11:31 0	0
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229	10/6/2011 11:33 0	0
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231	10/6/2011 11:35 0	0
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234	10/6/2011 11:38 0	0
235	10/6/2011 11:39 0	0
236	10/6/2011 11:40 0	0
237	10/6/2011 11:41 0	0
238	10/6/2011 11:42 0	0
239	10/6/2011 11:43 0	0
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241	10/6/2011 11:45 0	0
242	10/6/2011 11:46 0	0
243	10/6/2011 11:47 0	0
244	10/6/2011 11:48 0	0
245	10/6/2011 11:49 0	0
246	10/6/2011 11:50 0	0
247	10/6/2011 11:51 0	0
248	10/6/2011 11:52 0	0
249	10/6/2011 11:53 0	0
250	10/6/2011 11:54 0	0
251	10/6/2011 11:55 0	0
252	10/6/2011 11:56 0	0
253	10/6/2011 11:57 0	0
254	10/6/2011 11:58 0	0
255	10/6/2011 11:59 0	0

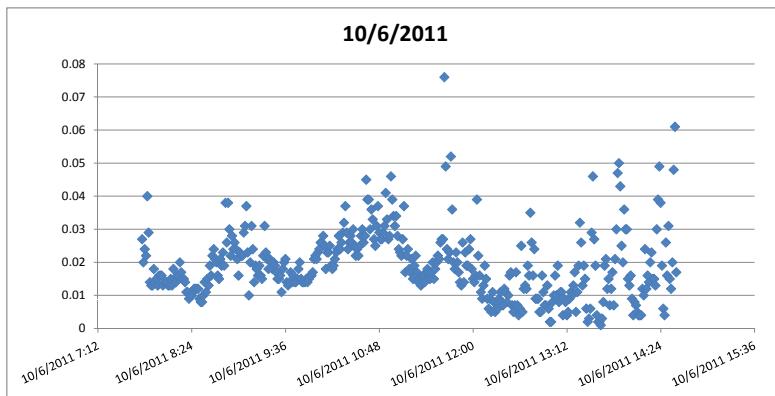
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257	10/6/2011 12:01 0	0
258	10/6/2011 12:02 0	0
259	10/6/2011 12:03 0	0
260	10/6/2011 12:04 0	0
261	10/6/2011 12:05 0	0
262	10/6/2011 12:06 0	0
263	10/6/2011 12:07 0	0
264	10/6/2011 12:08 0	0
265	10/6/2011 12:09 0	0
266	10/6/2011 12:10 0	0
267	10/6/2011 12:11 0	0
268	10/6/2011 12:12 0	0
269	10/6/2011 12:13 0	0
270	10/6/2011 12:14 0	0
271	10/6/2011 12:15 0	0
272	10/6/2011 12:16 0	0
273	10/6/2011 12:17 0	0
274	10/6/2011 12:18 0	0
275	10/6/2011 12:19 0	0
276	10/6/2011 12:20 0	0
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278	10/6/2011 12:22 0	0
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281	10/6/2011 12:25 0	0
282	10/6/2011 12:26 0	0
283	10/6/2011 12:27 0	0
284	10/6/2011 12:28 0	0
285	10/6/2011 12:29 0	0
286	10/6/2011 12:30 0	0
287	10/6/2011 12:31 0	0
288	10/6/2011 12:32 0	0
289	10/6/2011 12:33 0	0
290	10/6/2011 12:34 0	0
291	10/6/2011 12:35 0	0
292	10/6/2011 12:36 0	0
293	10/6/2011 12:37 0	0
294	10/6/2011 12:38 0	0
295	10/6/2011 12:39 0	0
296	10/6/2011 12:40 0	0
297	10/6/2011 12:41 0	0
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299	10/6/2011 12:43 0	0
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303	10/6/2011 12:47 0	0
304	10/6/2011 12:48 0	0
305	10/6/2011 12:49 0	0
306	10/6/2011 12:50 0.008	8
307	10/6/2011 12:51 0	0
308	10/6/2011 12:52 0	0
309	10/6/2011 12:53 0	0
310	10/6/2011 12:54 0.013	13
311	10/6/2011 12:55 0	0
312	10/6/2011 12:56 0	0
313	10/6/2011 12:57 0	0
314	10/6/2011 12:58 0	0
315	10/6/2011 12:59 0	0
316	10/6/2011 13:00 0	0
317	10/6/2011 13:01 0	0
318	10/6/2011 13:02 0	0
319	10/6/2011 13:03 0	0
320	10/6/2011 13:04 0	0
321	10/6/2011 13:05 0	0
322	10/6/2011 13:06 0	0
323	10/6/2011 13:07 0.002	2
324	10/6/2011 13:08 0	0

325	10/6/2011 13:09	0
326	10/6/2011 13:10	0
327	10/6/2011 13:11	0
328	10/6/2011 13:12	0
329	10/6/2011 13:13	0
330	10/6/2011 13:14	0
331	10/6/2011 13:15	0
332	10/6/2011 13:16	0
333	10/6/2011 13:17	0
334	10/6/2011 13:18	0
335	10/6/2011 13:19	0
336	10/6/2011 13:20	0
337	10/6/2011 13:21	0
338	10/6/2011 13:22	0
339	10/6/2011 13:23	0
340	10/6/2011 13:24	0
341	10/6/2011 13:25	0
342	10/6/2011 13:26	0
343	10/6/2011 13:27	0
344	10/6/2011 13:28	0
345	10/6/2011 13:29	0
346	10/6/2011 13:30	0
347	10/6/2011 13:31	0
348	10/6/2011 13:32	0
349	10/6/2011 13:33	0
350	10/6/2011 13:34	0
351	10/6/2011 13:35	0
352	10/6/2011 13:36	0
353	10/6/2011 13:37	0
354	10/6/2011 13:38	0
355	10/6/2011 13:39	0
356	10/6/2011 13:40	0
357	10/6/2011 13:41	0
358	10/6/2011 13:42	0
359	10/6/2011 13:43	0
360	10/6/2011 13:44	0
361	10/6/2011 13:45	0
362	10/6/2011 13:46	0
363	10/6/2011 13:47	0
364	10/6/2011 13:48	0
365	10/6/2011 13:49	0
366	10/6/2011 13:50	0
367	10/6/2011 13:51	0
368	10/6/2011 13:52	0
369	10/6/2011 13:53	0
370	10/6/2011 13:54	0
371	10/6/2011 13:55	0
372	10/6/2011 13:56	0
373	10/6/2011 13:57	0
374	10/6/2011 13:58	0
375	10/6/2011 13:59	0
376	10/6/2011 14:00	0
377	10/6/2011 14:01	0
378	10/6/2011 14:02	0
379	10/6/2011 14:03	0
380	10/6/2011 14:04	0
381	10/6/2011 14:05	0
382	10/6/2011 14:06	0
383	10/6/2011 14:07	0
384	10/6/2011 14:08	0
385	10/6/2011 14:09	0
386	10/6/2011 14:10	0
387	10/6/2011 14:11	0
388	10/6/2011 14:12	0
389	10/6/2011 14:13	0
390	10/6/2011 14:14	0
391	10/6/2011 14:15	0
392	10/6/2011 14:16	0
393	10/6/2011 14:17	0

394	10/6/2011 14:18 0	0
395	10/6/2011 14:19 0	0
396	10/6/2011 14:20 0	0
397	10/6/2011 14:21 0	0
398	10/6/2011 14:22 0	0
399	10/6/2011 14:23 0	0
400	10/6/2011 14:24 0	0
401	10/6/2011 14:25 0	0
402	10/6/2011 14:26 0	0
403	10/6/2011 14:27 0	0
404	10/6/2011 14:28 0	0
405	10/6/2011 14:29 0	0
406	10/6/2011 14:30 0	0
407	10/6/2011 14:31 0	0
408	10/6/2011 14:32 0	0
409	10/6/2011 14:33 0	0
410	10/6/2011 14:34 0	0
411	10/6/2011 14:35 0	0
412	10/6/2011 14:36 0	0
413	10/6/2011 14:37 0	0
414	10/6/2011 14:38 0	0
415	10/6/2011 14:39 0	0
416	10/6/2011 14:40 0	0
417	10/6/2011 14:41 0	0
418	10/6/2011 14:42 0	0
419	10/6/2011 14:43 0	0
420	10/6/2011 14:44 0	0
421	10/6/2011 14:45 0	0
422	10/6/2011 14:46 0	0
423	10/6/2011 14:47 0	0
424	10/6/2011 14:48 0	0
425	10/6/2011 14:49 0.001	1
426	10/6/2011 14:50 0	0
427	10/6/2011 14:51 0	0
428	10/6/2011 14:52 0	0
429	10/6/2011 14:53 0	0
430	10/6/2011 14:54 0	0
431	10/6/2011 14:55 0	0

=====Event #13 information (end)=====

Instrument Name DustTrak DRX
 Model Number 8533
 Serial Number 8533101806
 Firmware Version 2.8
 Calibration Date 5/19/2011
 Test Name MANUAL_005
 Test Start Time 7:44:49 AM
 Test Start Date 10/6/2011
 Test Length [D:H:M] 0:06:51
 Test Interval [M:S] 1:00
 PM1 Average [mg/l] 0.016
 PM1 Minimum [mg] 0.001
 PM1 Maximum [mg] 0.059
 PM1 TWA [mg/m³] 0.013
 PM2.5 Average [mg] 0.016
 PM2.5 Minimum [n] 0.001
 PM2.5 Maximum [r] 0.062
 PM2.5 TWA [mg/m] 0.014
 PM4 Average [mg/l] 0.017
 PM4 Minimum [mg] 0.001
 PM4 Maximum [mg] 0.067
 PM4 TWA [mg/m³] 0.014
 PM10 Average [mg] 0.018
 PM10 Minimum [m] 0.001
 PM10 Maximum [r] 0.075
 PM10 TWA [mg/m³] 0.016
 TOTAL Average [mg] 0.019
 TOTAL Minimum [n] 0.001
 TOTAL Maximum [r] 0.076
 TOTAL TWA [mg/m] 0.016
 Photometric User C 1
 Size Correction Use 1
 Flow User Cal 1
 Errors
 Number of Samples 411



Elapsed Time [s]	PM1 [mg/m³]	PM2.5 [mg/m³]	PM4 [mg/m³]	PM10 [mg/m³]	7:44:49 AM	Time/date	TOTAL [mg/m³]	Alarms	Errors
60	0.021	0.022	0.023	0.026	7:45:49 AM	10/6/2011 7:45	0.027		
120	0.016	0.016	0.016	0.019	7:46:49 AM	10/6/2011 7:46	0.02		
180	0.018	0.018	0.019	0.022	7:47:49 AM	10/6/2011 7:47	0.024		
240	0.019	0.02	0.02	0.022	7:48:49 AM	10/6/2011 7:48	0.022		
300	0.036	0.037	0.038	0.039	7:49:49 AM	10/6/2011 7:49	0.04		
360	0.025	0.025	0.026	0.028	7:50:49 AM	10/6/2011 7:50	0.029		
420	0.013	0.013	0.014	0.014	7:51:49 AM	10/6/2011 7:51	0.014		
480	0.012	0.012	0.013	0.013	7:52:49 AM	10/6/2011 7:52	0.013		
540	0.012	0.012	0.012	0.013	7:53:49 AM	10/6/2011 7:53	0.013		
600	0.016	0.016	0.017	0.018	7:54:49 AM	10/6/2011 7:54	0.018		
660	0.013	0.013	0.014	0.014	7:55:49 AM	10/6/2011 7:55	0.014		
720	0.013	0.013	0.013	0.015	7:56:49 AM	10/6/2011 7:56	0.015		
780	0.012	0.013	0.013	0.013	7:57:49 AM	10/6/2011 7:57	0.013		
840	0.014	0.015	0.015	0.015	7:58:49 AM	10/6/2011 7:58	0.016		
900	0.014	0.015	0.015	0.016	7:59:49 AM	10/6/2011 7:59	0.016		
960	0.015	0.015	0.016	0.016	8:00:49 AM	10/6/2011 8:00	0.016		
1020	0.012	0.012	0.013	0.013	8:01:49 AM	10/6/2011 8:01	0.013		
1080	0.013	0.013	0.013	0.014	8:02:49 AM	10/6/2011 8:02	0.014		
1140	0.013	0.014	0.014	0.014	8:03:49 AM	10/6/2011 8:03	0.014		
1200	0.013	0.014	0.014	0.014	8:04:49 AM	10/6/2011 8:04	0.014		
1260	0.012	0.012	0.012	0.012	8:05:49 AM	10/6/2011 8:05	0.013		
1320	0.012	0.012	0.013	0.013	8:06:49 AM	10/6/2011 8:06	0.013		
1380	0.014	0.014	0.014	0.014	8:07:49 AM	10/6/2011 8:07	0.015		
1440	0.012	0.012	0.012	0.013	8:08:49 AM	10/6/2011 8:08	0.013		
1500	0.017	0.017	0.017	0.018	8:09:49 AM	10/6/2011 8:09	0.018		
1560	0.014	0.014	0.014	0.015	8:10:49 AM	10/6/2011 8:10	0.015		
1620	0.013	0.013	0.014	0.014	8:11:49 AM	10/6/2011 8:11	0.014		
1680	0.015	0.015	0.015	0.016	8:12:49 AM	10/6/2011 8:12	0.016		
1740	0.015	0.015	0.015	0.016	8:13:49 AM	10/6/2011 8:13	0.016		
1800	0.019	0.019	0.019	0.02	8:14:49 AM	10/6/2011 8:14	0.02		
1860	0.016	0.016	0.017	0.017	8:15:49 AM	10/6/2011 8:15	0.017		
1920	0.014	0.014	0.014	0.015	8:16:49 AM	10/6/2011 8:16	0.015		

1980	0.014	0.014	0.014	0.015	8:17:49 AM	10/6/2011 8:17	0.015
2040	0.013	0.013	0.013	0.014	8:18:49 AM	10/6/2011 8:18	0.014
2100	0.01	0.01	0.011	0.011	8:19:49 AM	10/6/2011 8:19	0.011
2160	0.01	0.01	0.01	0.011	8:20:49 AM	10/6/2011 8:20	0.011
2220	0.009	0.009	0.009	0.009	8:21:49 AM	10/6/2011 8:21	0.009
2280	0.009	0.01	0.01	0.01	8:22:49 AM	10/6/2011 8:22	0.01
2340	0.009	0.01	0.01	0.01	8:23:49 AM	10/6/2011 8:23	0.01
2400	0.01	0.01	0.01	0.011	8:24:49 AM	10/6/2011 8:24	0.011
2460	0.011	0.011	0.011	0.012	8:25:49 AM	10/6/2011 8:25	0.012
2520	0.011	0.011	0.012	0.012	8:26:49 AM	10/6/2011 8:26	0.012
2580	0.011	0.011	0.011	0.012	8:27:49 AM	10/6/2011 8:27	0.012
2640	0.012	0.012	0.012	0.012	8:28:49 AM	10/6/2011 8:28	0.012
2700	0.008	0.008	0.009	0.009	8:29:49 AM	10/6/2011 8:29	0.009
2760	0.008	0.008	0.008	0.008	8:30:49 AM	10/6/2011 8:30	0.008
2820	0.008	0.008	0.008	0.008	8:31:49 AM	10/6/2011 8:31	0.008
2880	0.01	0.01	0.01	0.01	8:32:49 AM	10/6/2011 8:32	0.01
2940	0.012	0.012	0.012	0.013	8:33:49 AM	10/6/2011 8:33	0.014
3000	0.01	0.01	0.011	0.011	8:34:49 AM	10/6/2011 8:34	0.011
3060	0.012	0.013	0.013	0.015	8:35:49 AM	10/6/2011 8:35	0.015
3120	0.011	0.011	0.012	0.013	8:36:49 AM	10/6/2011 8:36	0.013
3180	0.016	0.016	0.017	0.019	8:37:49 AM	10/6/2011 8:37	0.019
3240	0.014	0.014	0.015	0.016	8:38:49 AM	10/6/2011 8:38	0.016
3300	0.02	0.021	0.021	0.022	8:39:49 AM	10/6/2011 8:39	0.022
3360	0.022	0.022	0.023	0.024	8:40:49 AM	10/6/2011 8:40	0.024
3420	0.019	0.019	0.02	0.02	8:41:49 AM	10/6/2011 8:41	0.021
3480	0.018	0.018	0.019	0.02	8:42:49 AM	10/6/2011 8:42	0.02
3540	0.015	0.015	0.015	0.016	8:43:49 AM	10/6/2011 8:43	0.016
3600	0.014	0.015	0.015	0.015	8:44:49 AM	10/6/2011 8:44	0.015
3660	0.018	0.018	0.019	0.02	8:45:49 AM	10/6/2011 8:45	0.021
3720	0.017	0.017	0.017	0.019	8:46:49 AM	10/6/2011 8:46	0.019
3780	0.02	0.021	0.021	0.022	8:47:49 AM	10/6/2011 8:47	0.023
3840	0.018	0.018	0.018	0.019	8:48:49 AM	10/6/2011 8:48	0.019
3900	0.037	0.037	0.038	0.038	8:49:49 AM	10/6/2011 8:49	0.038
3960	0.025	0.025	0.025	0.026	8:50:49 AM	10/6/2011 8:50	0.026
4020	0.035	0.035	0.036	0.038	8:51:49 AM	10/6/2011 8:51	0.038
4080	0.027	0.027	0.028	0.029	8:52:49 AM	10/6/2011 8:52	0.03
4140	0.019	0.02	0.02	0.021	8:53:49 AM	10/6/2011 8:53	0.022
4200	0.025	0.026	0.027	0.028	8:54:49 AM	10/6/2011 8:54	0.028
4260	0.022	0.022	0.023	0.024	8:55:49 AM	10/6/2011 8:55	0.024
4320	0.024	0.024	0.025	0.026	8:56:49 AM	10/6/2011 8:56	0.026
4380	0.022	0.022	0.023	0.024	8:57:49 AM	10/6/2011 8:57	0.024
4440	0.019	0.019	0.019	0.02	8:58:49 AM	10/6/2011 8:58	0.021
4500	0.014	0.014	0.015	0.016	8:59:49 AM	10/6/2011 8:59	0.016
4560	0.021	0.021	0.022	0.023	9:00:49 AM	10/6/2011 9:00	0.023
4620	0.02	0.02	0.021	0.022	9:01:49 AM	10/6/2011 9:01	0.022
4680	0.02	0.021	0.021	0.022	9:02:49 AM	10/6/2011 9:02	0.022
4740	0.025	0.026	0.027	0.028	9:03:49 AM	10/6/2011 9:03	0.029
4800	0.028	0.028	0.029	0.031	9:04:49 AM	10/6/2011 9:04	0.031
4860	0.034	0.034	0.035	0.036	9:05:49 AM	10/6/2011 9:05	0.037
4920	0.021	0.021	0.021	0.022	9:06:49 AM	10/6/2011 9:06	0.023
4980	0.01	0.01	0.01	0.01	9:07:49 AM	10/6/2011 9:07	0.01
5040	0.018	0.019	0.019	0.02	9:08:49 AM	10/6/2011 9:08	0.02
5100	0.03	0.03	0.03	0.031	9:09:49 AM	10/6/2011 9:09	0.031
5160	0.021	0.022	0.023	0.024	9:10:49 AM	10/6/2011 9:10	0.024
5220	0.014	0.014	0.014	0.014	9:11:49 AM	10/6/2011 9:11	0.014
5280	0.018	0.018	0.018	0.019	9:12:49 AM	10/6/2011 9:12	0.019
5340	0.017	0.017	0.017	0.018	9:13:49 AM	10/6/2011 9:13	0.018
5400	0.015	0.015	0.016	0.016	9:14:49 AM	10/6/2011 9:14	0.016
5460	0.017	0.018	0.018	0.019	9:15:49 AM	10/6/2011 9:15	0.019
5520	0.015	0.015	0.015	0.016	9:16:49 AM	10/6/2011 9:16	0.016
5580	0.014	0.014	0.014	0.015	9:17:49 AM	10/6/2011 9:17	0.015
5640	0.02	0.021	0.021	0.022	9:18:49 AM	10/6/2011 9:18	0.022
5700	0.028	0.028	0.029	0.03	9:19:49 AM	10/6/2011 9:19	0.031
5760	0.021	0.021	0.022	0.023	9:20:49 AM	10/6/2011 9:20	0.023
5820	0.019	0.02	0.02	0.02	9:21:49 AM	10/6/2011 9:21	0.021
5880	0.016	0.017	0.017	0.017	9:22:49 AM	10/6/2011 9:22	0.018
5940	0.019	0.019	0.02	0.021	9:23:49 AM	10/6/2011 9:23	0.021
6000	0.018	0.019	0.019	0.02	9:24:49 AM	10/6/2011 9:24	0.02
6060	0.017	0.017	0.017	0.018	9:25:49 AM	10/6/2011 9:25	0.018

6120	0.018	0.019	0.019	0.02	9:26:49 AM	10/6/2011 9:26	0.02
6180	0.018	0.018	0.018	0.019	9:27:49 AM	10/6/2011 9:27	0.019
6240	0.016	0.016	0.016	0.017	9:28:49 AM	10/6/2011 9:28	0.017
6300	0.014	0.014	0.015	0.015	9:29:49 AM	10/6/2011 9:29	0.015
6360	0.014	0.014	0.014	0.015	9:30:49 AM	10/6/2011 9:30	0.015
6420	0.015	0.015	0.016	0.016	9:31:49 AM	10/6/2011 9:31	0.016
6480	0.011	0.011	0.011	0.011	9:32:49 AM	10/6/2011 9:32	0.011
6540	0.017	0.017	0.017	0.018	9:33:49 AM	10/6/2011 9:33	0.018
6600	0.018	0.018	0.019	0.019	9:34:49 AM	10/6/2011 9:34	0.02
6660	0.02	0.02	0.021	0.021	9:35:49 AM	10/6/2011 9:35	0.021
6720	0.013	0.013	0.013	0.014	9:36:49 AM	10/6/2011 9:36	0.014
6780	0.012	0.012	0.012	0.013	9:37:49 AM	10/6/2011 9:37	0.013
6840	0.013	0.013	0.013	0.013	9:38:49 AM	10/6/2011 9:38	0.014
6900	0.016	0.017	0.017	0.017	9:39:49 AM	10/6/2011 9:39	0.017
6960	0.013	0.014	0.014	0.014	9:40:49 AM	10/6/2011 9:40	0.014
7020	0.015	0.015	0.016	0.016	9:41:49 AM	10/6/2011 9:41	0.016
7080	0.014	0.014	0.014	0.014	9:42:49 AM	10/6/2011 9:42	0.014
7140	0.013	0.013	0.013	0.014	9:43:49 AM	10/6/2011 9:43	0.014
7200	0.013	0.013	0.013	0.014	9:44:49 AM	10/6/2011 9:44	0.015
7260	0.015	0.015	0.016	0.017	9:45:49 AM	10/6/2011 9:45	0.018
7320	0.019	0.019	0.019	0.02	9:46:49 AM	10/6/2011 9:46	0.02
7380	0.014	0.014	0.014	0.015	9:47:49 AM	10/6/2011 9:47	0.015
7440	0.013	0.013	0.013	0.014	9:48:49 AM	10/6/2011 9:48	0.014
7500	0.013	0.013	0.013	0.014	9:49:49 AM	10/6/2011 9:49	0.014
7560	0.013	0.013	0.013	0.014	9:50:49 AM	10/6/2011 9:50	0.014
7620	0.014	0.014	0.014	0.015	9:51:49 AM	10/6/2011 9:51	0.015
7680	0.013	0.013	0.013	0.014	9:52:49 AM	10/6/2011 9:52	0.014
7740	0.013	0.013	0.014	0.015	9:53:49 AM	10/6/2011 9:53	0.015
7800	0.015	0.015	0.016	0.016	9:54:49 AM	10/6/2011 9:54	0.016
7860	0.014	0.015	0.015	0.016	9:55:49 AM	10/6/2011 9:55	0.016
7920	0.015	0.015	0.016	0.017	9:56:49 AM	10/6/2011 9:56	0.017
7980	0.019	0.019	0.02	0.021	9:57:49 AM	10/6/2011 9:57	0.021
8040	0.02	0.02	0.021	0.022	9:58:49 AM	10/6/2011 9:58	0.022
8100	0.019	0.019	0.02	0.021	9:59:49 AM	10/6/2011 9:59	0.021
8160	0.02	0.021	0.021	0.023	10:00:49 AM	10/6/2011 10:00	0.023
8220	0.022	0.022	0.023	0.024	10:01:49 AM	10/6/2011 10:01	0.024
8280	0.023	0.024	0.024	0.025	10:02:49 AM	10/6/2011 10:02	0.026
8340	0.024	0.025	0.025	0.026	10:03:49 AM	10/6/2011 10:03	0.026
8400	0.026	0.026	0.027	0.028	10:04:49 AM	10/6/2011 10:04	0.028
8460	0.022	0.023	0.023	0.024	10:05:49 AM	10/6/2011 10:05	0.025
8520	0.016	0.017	0.017	0.018	10:06:49 AM	10/6/2011 10:06	0.018
8580	0.02	0.021	0.022	0.023	10:07:49 AM	10/6/2011 10:07	0.023
8640	0.021	0.021	0.022	0.023	10:08:49 AM	10/6/2011 10:08	0.023
8700	0.022	0.023	0.023	0.025	10:09:49 AM	10/6/2011 10:09	0.025
8760	0.017	0.018	0.018	0.019	10:10:49 AM	10/6/2011 10:10	0.019
8820	0.016	0.016	0.017	0.018	10:11:49 AM	10/6/2011 10:11	0.018
8880	0.018	0.018	0.018	0.019	10:12:49 AM	10/6/2011 10:12	0.019
8940	0.019	0.019	0.02	0.02	10:13:49 AM	10/6/2011 10:13	0.021
9000	0.022	0.022	0.022	0.023	10:14:49 AM	10/6/2011 10:14	0.023
9060	0.021	0.022	0.022	0.024	10:15:49 AM	10/6/2011 10:15	0.024
9120	0.024	0.024	0.025	0.027	10:16:49 AM	10/6/2011 10:16	0.028
9180	0.022	0.022	0.022	0.024	10:17:49 AM	10/6/2011 10:17	0.024
9240	0.022	0.022	0.023	0.026	10:18:49 AM	10/6/2011 10:18	0.026
9300	0.024	0.025	0.025	0.028	10:19:49 AM	10/6/2011 10:19	0.029
9360	0.028	0.028	0.029	0.031	10:20:49 AM	10/6/2011 10:20	0.032
9420	0.03	0.03	0.032	0.035	10:21:49 AM	10/6/2011 10:21	0.037
9480	0.024	0.025	0.025	0.028	10:22:49 AM	10/6/2011 10:22	0.029
9540	0.022	0.022	0.023	0.024	10:23:49 AM	10/6/2011 10:23	0.024
9600	0.024	0.024	0.024	0.026	10:24:49 AM	10/6/2011 10:24	0.026
9660	0.025	0.025	0.026	0.027	10:25:49 AM	10/6/2011 10:25	0.028
9720	0.024	0.024	0.025	0.026	10:26:49 AM	10/6/2011 10:26	0.026
9780	0.026	0.026	0.027	0.029	10:27:49 AM	10/6/2011 10:27	0.03
9840	0.022	0.022	0.023	0.024	10:28:49 AM	10/6/2011 10:28	0.025
9900	0.021	0.021	0.021	0.022	10:29:49 AM	10/6/2011 10:29	0.022
9960	0.021	0.021	0.021	0.023	10:30:49 AM	10/6/2011 10:30	0.024
10020	0.02	0.02	0.021	0.022	10:31:49 AM	10/6/2011 10:31	0.022
10080	0.023	0.023	0.023	0.024	10:32:49 AM	10/6/2011 10:32	0.025
10140	0.025	0.026	0.026	0.027	10:33:49 AM	10/6/2011 10:33	0.028
10200	0.027	0.027	0.028	0.029	10:34:49 AM	10/6/2011 10:34	0.03

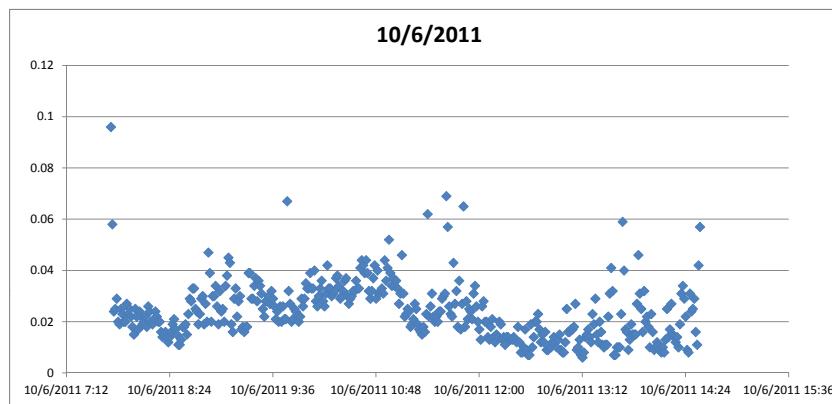
10260	0.024	0.025	0.025	0.026	10:35:49 AM	10/6/2011 10:35	0.026
10320	0.025	0.026	0.026	0.027	10:36:49 AM	10/6/2011 10:36	0.028
10380	0.043	0.043	0.044	0.045	10:37:49 AM	10/6/2011 10:37	0.045
10440	0.037	0.038	0.038	0.039	10:38:49 AM	10/6/2011 10:38	0.039
10500	0.036	0.036	0.037	0.039	10:39:49 AM	10/6/2011 10:39	0.039
10560	0.028	0.028	0.028	0.03	10:40:49 AM	10/6/2011 10:40	0.03
10620	0.033	0.033	0.034	0.036	10:41:49 AM	10/6/2011 10:41	0.036
10680	0.03	0.031	0.031	0.032	10:42:49 AM	10/6/2011 10:42	0.033
10740	0.024	0.025	0.025	0.027	10:43:49 AM	10/6/2011 10:43	0.027
10800	0.023	0.023	0.023	0.025	10:44:49 AM	10/6/2011 10:44	0.025
10860	0.029	0.029	0.03	0.031	10:45:49 AM	10/6/2011 10:45	0.031
10920	0.034	0.035	0.035	0.037	10:46:49 AM	10/6/2011 10:46	0.037
10980	0.027	0.027	0.028	0.029	10:47:49 AM	10/6/2011 10:47	0.029
11040	0.025	0.026	0.026	0.027	10:48:49 AM	10/6/2011 10:48	0.027
11100	0.025	0.025	0.026	0.027	10:49:49 AM	10/6/2011 10:49	0.027
11160	0.028	0.028	0.028	0.029	10:50:49 AM	10/6/2011 10:50	0.029
11220	0.028	0.029	0.029	0.03	10:51:49 AM	10/6/2011 10:51	0.031
11280	0.037	0.037	0.038	0.04	10:52:49 AM	10/6/2011 10:52	0.041
11340	0.03	0.031	0.031	0.033	10:53:49 AM	10/6/2011 10:53	0.033
11400	0.025	0.025	0.025	0.027	10:54:49 AM	10/6/2011 10:54	0.027
11460	0.025	0.025	0.026	0.027	10:55:49 AM	10/6/2011 10:55	0.028
11520	0.038	0.04	0.042	0.046	10:56:49 AM	10/6/2011 10:56	0.046
11580	0.033	0.034	0.036	0.039	10:57:49 AM	10/6/2011 10:57	0.039
11640	0.028	0.029	0.03	0.033	10:58:49 AM	10/6/2011 10:58	0.034
11700	0.027	0.028	0.029	0.031	10:59:49 AM	10/6/2011 10:59	0.031
11760	0.029	0.03	0.031	0.034	11:00:49 AM	10/6/2011 11:00	0.034
11820	0.025	0.025	0.026	0.028	11:01:49 AM	10/6/2011 11:01	0.028
11880	0.021	0.022	0.023	0.024	11:02:49 AM	10/6/2011 11:02	0.024
11940	0.021	0.021	0.022	0.023	11:03:49 AM	10/6/2011 11:03	0.023
12000	0.02	0.02	0.021	0.021	11:04:49 AM	10/6/2011 11:04	0.022
12060	0.026	0.026	0.026	0.027	11:05:49 AM	10/6/2011 11:05	0.027
12120	0.034	0.035	0.036	0.037	11:06:49 AM	10/6/2011 11:06	0.037
12180	0.015	0.015	0.016	0.016	11:07:49 AM	10/6/2011 11:07	0.017
12240	0.021	0.021	0.021	0.022	11:08:49 AM	10/6/2011 11:08	0.022
12300	0.022	0.022	0.023	0.024	11:09:49 AM	10/6/2011 11:09	0.024
12360	0.017	0.017	0.018	0.018	11:10:49 AM	10/6/2011 11:10	0.018
12420	0.017	0.017	0.017	0.017	11:11:49 AM	10/6/2011 11:11	0.017
12480	0.02	0.02	0.021	0.021	11:12:49 AM	10/6/2011 11:12	0.021
12540	0.014	0.014	0.014	0.015	11:13:49 AM	10/6/2011 11:13	0.015
12600	0.017	0.017	0.017	0.018	11:14:49 AM	10/6/2011 11:14	0.019
12660	0.02	0.02	0.021	0.022	11:15:49 AM	10/6/2011 11:15	0.022
12720	0.016	0.016	0.017	0.017	11:16:49 AM	10/6/2011 11:16	0.017
12780	0.013	0.013	0.013	0.014	11:17:49 AM	10/6/2011 11:17	0.014
12840	0.012	0.013	0.013	0.014	11:18:49 AM	10/6/2011 11:18	0.015
12900	0.011	0.011	0.011	0.012	11:19:49 AM	10/6/2011 11:19	0.013
12960	0.012	0.012	0.013	0.014	11:20:49 AM	10/6/2011 11:20	0.014
13020	0.014	0.015	0.015	0.016	11:21:49 AM	10/6/2011 11:21	0.016
13080	0.012	0.013	0.013	0.014	11:22:49 AM	10/6/2011 11:22	0.014
13140	0.016	0.016	0.016	0.017	11:23:49 AM	10/6/2011 11:23	0.017
13200	0.017	0.017	0.018	0.018	11:24:49 AM	10/6/2011 11:24	0.018
13260	0.015	0.015	0.015	0.017	11:25:49 AM	10/6/2011 11:25	0.017
13320	0.014	0.014	0.014	0.015	11:26:49 AM	10/6/2011 11:26	0.015
13380	0.015	0.015	0.015	0.017	11:27:49 AM	10/6/2011 11:27	0.017
13440	0.017	0.017	0.017	0.018	11:28:49 AM	10/6/2011 11:28	0.02
13500	0.014	0.014	0.015	0.015	11:29:49 AM	10/6/2011 11:29	0.015
13560	0.016	0.017	0.017	0.018	11:30:49 AM	10/6/2011 11:30	0.018
13620	0.018	0.018	0.019	0.02	11:31:49 AM	10/6/2011 11:31	0.02
13680	0.019	0.02	0.02	0.022	11:32:49 AM	10/6/2011 11:32	0.022
13740	0.019	0.02	0.02	0.021	11:33:49 AM	10/6/2011 11:33	0.021
13800	0.023	0.023	0.024	0.026	11:34:49 AM	10/6/2011 11:34	0.026
13860	0.023	0.023	0.024	0.026	11:35:49 AM	10/6/2011 11:35	0.027
13920	0.021	0.022	0.023	0.026	11:36:49 AM	10/6/2011 11:36	0.027
13980	0.059	0.062	0.067	0.075	11:37:49 AM	10/6/2011 11:37	0.076
14040	0.039	0.041	0.044	0.049	11:38:49 AM	10/6/2011 11:38	0.049
14100	0.02	0.021	0.021	0.024	11:39:49 AM	10/6/2011 11:39	0.024
14160	0.018	0.018	0.019	0.021	11:40:49 AM	10/6/2011 11:40	0.021
14220	0.019	0.02	0.021	0.023	11:41:49 AM	10/6/2011 11:41	0.023
14280	0.04	0.042	0.044	0.05	11:42:49 AM	10/6/2011 11:42	0.052
14340	0.03	0.031	0.032	0.036	11:43:49 AM	10/6/2011 11:43	0.036

14400	0.016	0.017	0.018	0.02	11:44:49 AM	10/6/2011 11:44	0.02
14460	0.014	0.015	0.016	0.018	11:45:49 AM	10/6/2011 11:45	0.018
14520	0.019	0.019	0.02	0.022	11:46:49 AM	10/6/2011 11:46	0.023
14580	0.018	0.019	0.019	0.02	11:47:49 AM	10/6/2011 11:47	0.02
14640	0.014	0.015	0.015	0.017	11:48:49 AM	10/6/2011 11:48	0.017
14700	0.012	0.012	0.012	0.014	11:49:49 AM	10/6/2011 11:49	0.014
14760	0.01	0.01	0.01	0.012	11:50:49 AM	10/6/2011 11:50	0.013
14820	0.021	0.022	0.023	0.025	11:51:49 AM	10/6/2011 11:51	0.026
14880	0.011	0.011	0.011	0.014	11:52:49 AM	10/6/2011 11:52	0.014
14940	0.018	0.019	0.02	0.022	11:53:49 AM	10/6/2011 11:53	0.023
15000	0.016	0.016	0.017	0.019	11:54:49 AM	10/6/2011 11:54	0.019
15060	0.016	0.016	0.017	0.019	11:55:49 AM	10/6/2011 11:55	0.019
15120	0.018	0.019	0.021	0.024	11:56:49 AM	10/6/2011 11:56	0.024
15180	0.023	0.024	0.025	0.027	11:57:49 AM	10/6/2011 11:57	0.027
15240	0.016	0.016	0.017	0.018	11:58:49 AM	10/6/2011 11:58	0.018
15300	0.013	0.013	0.014	0.015	11:59:49 AM	10/6/2011 11:59	0.015
15360	0.013	0.013	0.013	0.014	12:00:49 PM	10/6/2011 12:00	0.014
15420	0.014	0.015	0.015	0.016	12:01:49 PM	10/6/2011 12:01	0.016
15480	0.031	0.032	0.035	0.039	12:02:49 PM	10/6/2011 12:02	0.039
15540	0.018	0.019	0.02	0.022	12:03:49 PM	10/6/2011 12:03	0.022
15600	0.012	0.013	0.013	0.016	12:04:49 PM	10/6/2011 12:04	0.016
15660	0.009	0.009	0.01	0.011	12:05:49 PM	10/6/2011 12:05	0.011
15720	0.007	0.007	0.007	0.009	12:06:49 PM	10/6/2011 12:06	0.009
15780	0.011	0.011	0.012	0.013	12:07:49 PM	10/6/2011 12:07	0.013
15840	0.016	0.016	0.016	0.018	12:08:49 PM	10/6/2011 12:08	0.019
15900	0.013	0.014	0.014	0.015	12:09:49 PM	10/6/2011 12:09	0.015
15960	0.007	0.007	0.008	0.009	12:10:49 PM	10/6/2011 12:10	0.009
16020	0.004	0.004	0.004	0.005	12:11:49 PM	10/6/2011 12:11	0.006
16080	0.007	0.007	0.008	0.009	12:12:49 PM	10/6/2011 12:12	0.009
16140	0.004	0.004	0.004	0.005	12:13:49 PM	10/6/2011 12:13	0.005
16200	0.008	0.008	0.009	0.01	12:14:49 PM	10/6/2011 12:14	0.011
16260	0.006	0.007	0.007	0.008	12:15:49 PM	10/6/2011 12:15	0.008
16320	0.004	0.004	0.004	0.005	12:16:49 PM	10/6/2011 12:16	0.005
16380	0.005	0.005	0.006	0.006	12:17:49 PM	10/6/2011 12:17	0.006
16440	0.005	0.005	0.005	0.006	12:18:49 PM	10/6/2011 12:18	0.006
16500	0.007	0.007	0.007	0.009	12:19:49 PM	10/6/2011 12:19	0.009
16560	0.009	0.009	0.01	0.011	12:20:49 PM	10/6/2011 12:20	0.011
16620	0.007	0.007	0.008	0.008	12:21:49 PM	10/6/2011 12:21	0.008
16680	0.006	0.006	0.007	0.007	12:22:49 PM	10/6/2011 12:22	0.007
16740	0.009	0.009	0.009	0.011	12:23:49 PM	10/6/2011 12:23	0.012
16800	0.007	0.007	0.008	0.01	12:24:49 PM	10/6/2011 12:24	0.011
16860	0.006	0.006	0.006	0.008	12:25:49 PM	10/6/2011 12:25	0.008
16920	0.007	0.007	0.007	0.009	12:26:49 PM	10/6/2011 12:26	0.01
16980	0.011	0.011	0.012	0.015	12:27:49 PM	10/6/2011 12:27	0.016
17040	0.01	0.011	0.011	0.015	12:28:49 PM	10/6/2011 12:28	0.017
17100	0.004	0.004	0.004	0.006	12:29:49 PM	10/6/2011 12:29	0.007
17160	0.004	0.004	0.005	0.005	12:30:49 PM	10/6/2011 12:30	0.005
17220	0.005	0.005	0.005	0.006	12:31:49 PM	10/6/2011 12:31	0.007
17280	0.01	0.01	0.011	0.015	12:32:49 PM	10/6/2011 12:32	0.017
17340	0.004	0.004	0.005	0.006	12:33:49 PM	10/6/2011 12:33	0.007
17400	0.002	0.002	0.003	0.003	12:34:49 PM	10/6/2011 12:34	0.004
17460	0.004	0.004	0.004	0.005	12:35:49 PM	10/6/2011 12:35	0.006
17520	0.013	0.013	0.014	0.019	12:36:49 PM	10/6/2011 12:36	0.025
17580	0.004	0.004	0.004	0.005	12:37:49 PM	10/6/2011 12:37	0.005
17640	0.007	0.008	0.008	0.011	12:38:49 PM	10/6/2011 12:38	0.012
17700	0.008	0.009	0.01	0.013	12:39:49 PM	10/6/2011 12:39	0.013
17760	0.008	0.008	0.009	0.011	12:40:49 PM	10/6/2011 12:40	0.012
17820	0.012	0.012	0.013	0.017	12:41:49 PM	10/6/2011 12:41	0.019
17880	0.01	0.01	0.01	0.013	12:42:49 PM	10/6/2011 12:42	0.016
17940	0.019	0.019	0.02	0.027	12:43:49 PM	10/6/2011 12:43	0.035
18000	0.015	0.015	0.016	0.021	12:44:49 PM	10/6/2011 12:44	0.026
18060	0.01	0.01	0.011	0.014	12:45:49 PM	10/6/2011 12:45	0.016
18120	0.014	0.014	0.016	0.02	12:46:49 PM	10/6/2011 12:46	0.024
18180	0.006	0.006	0.007	0.008	12:47:49 PM	10/6/2011 12:47	0.009
18240	0.006	0.006	0.006	0.007	12:48:49 PM	10/6/2011 12:48	0.009
18300	0.006	0.006	0.007	0.009	12:49:49 PM	10/6/2011 12:49	0.009
18360	0.003	0.003	0.003	0.004	12:50:49 PM	10/6/2011 12:50	0.005
18420	0.004	0.004	0.004	0.005	12:51:49 PM	10/6/2011 12:51	0.005
18480	0.012	0.012	0.013	0.015	12:52:49 PM	10/6/2011 12:52	0.016

18540	0.007	0.007	0.008	0.009	12:53:49 PM	10/6/2011 12:53	0.011
18600	0.005	0.005	0.005	0.007	12:54:49 PM	10/6/2011 12:54	0.007
18660	0.005	0.005	0.006	0.006	12:55:49 PM	10/6/2011 12:55	0.007
18720	0.009	0.009	0.009	0.012	12:56:49 PM	10/6/2011 12:56	0.013
18780	0.004	0.004	0.005	0.006	12:57:49 PM	10/6/2011 12:57	0.006
18840	0.002	0.002	0.002	0.002	12:58:49 PM	10/6/2011 12:58	0.002
18900	0.002	0.002	0.002	0.002	12:59:49 PM	10/6/2011 12:59	0.002
18960	0.005	0.005	0.005	0.007	1:00:49 PM	10/6/2011 13:00	0.008
19020	0.007	0.007	0.007	0.009	1:01:49 PM	10/6/2011 13:01	0.01
19080	0.01	0.01	0.01	0.014	1:02:49 PM	10/6/2011 13:02	0.016
19140	0.007	0.007	0.007	0.009	1:03:49 PM	10/6/2011 13:03	0.01
19200	0.011	0.011	0.011	0.015	1:04:49 PM	10/6/2011 13:04	0.019
19260	0.005	0.005	0.006	0.007	1:05:49 PM	10/6/2011 13:05	0.008
19320	0.005	0.006	0.006	0.008	1:06:49 PM	10/6/2011 13:06	0.011
19380	0.007	0.007	0.007	0.01	1:07:49 PM	10/6/2011 13:07	0.011
19440	0.002	0.002	0.003	0.003	1:08:49 PM	10/6/2011 13:08	0.004
19500	0.005	0.005	0.006	0.007	1:09:49 PM	10/6/2011 13:09	0.009
19560	0.005	0.005	0.005	0.007	1:10:49 PM	10/6/2011 13:10	0.008
19620	0.003	0.003	0.003	0.004	1:11:49 PM	10/6/2011 13:11	0.004
19680	0.003	0.003	0.003	0.004	1:12:49 PM	10/6/2011 13:12	0.005
19740	0.005	0.006	0.006	0.008	1:13:49 PM	10/6/2011 13:13	0.009
19800	0.006	0.006	0.007	0.009	1:14:49 PM	10/6/2011 13:14	0.011
19860	0.006	0.007	0.007	0.009	1:15:49 PM	10/6/2011 13:15	0.01
19920	0.009	0.009	0.009	0.012	1:16:49 PM	10/6/2011 13:16	0.013
19980	0.011	0.012	0.012	0.016	1:17:49 PM	10/6/2011 13:17	0.017
20040	0.004	0.004	0.004	0.005	1:18:49 PM	10/6/2011 13:18	0.005
20100	0.007	0.007	0.008	0.01	1:19:49 PM	10/6/2011 13:19	0.011
20160	0.012	0.012	0.013	0.018	1:20:49 PM	10/6/2011 13:20	0.019
20220	0.024	0.024	0.026	0.03	1:21:49 PM	10/6/2011 13:21	0.032
20280	0.018	0.019	0.019	0.024	1:22:49 PM	10/6/2011 13:22	0.026
20340	0.01	0.01	0.013	0.013	1:23:49 PM	10/6/2011 13:23	0.013
20400	0.015	0.015	0.016	0.018	1:24:49 PM	10/6/2011 13:24	0.019
20460	0.01	0.01	0.011	0.013	1:25:49 PM	10/6/2011 13:25	0.015
20520	0.004	0.004	0.004	0.005	1:26:49 PM	10/6/2011 13:26	0.006
20580	0.001	0.001	0.001	0.001	1:27:49 PM	10/6/2011 13:27	0.002
20640	0.002	0.002	0.002	0.002	1:28:49 PM	10/6/2011 13:28	0.003
20700	0.003	0.003	0.004	0.005	1:29:49 PM	10/6/2011 13:29	0.006
20760	0.02	0.021	0.021	0.026	1:30:49 PM	10/6/2011 13:30	0.029
20820	0.035	0.035	0.036	0.042	1:31:49 PM	10/6/2011 13:31	0.046
20880	0.022	0.022	0.023	0.026	1:32:49 PM	10/6/2011 13:32	0.027
20940	0.015	0.015	0.016	0.018	1:33:49 PM	10/6/2011 13:33	0.019
21000	0.002	0.002	0.002	0.003	1:34:49 PM	10/6/2011 13:34	0.004
21060	0.001	0.001	0.001	0.002	1:35:49 PM	10/6/2011 13:35	0.002
21120	0.001	0.001	0.001	0.001	1:36:49 PM	10/6/2011 13:36	0.002
21180	0.001	0.001	0.001	0.001	1:37:49 PM	10/6/2011 13:37	0.001
21240	0.002	0.002	0.002	0.003	1:38:49 PM	10/6/2011 13:38	0.003
21300	0.005	0.006	0.006	0.008	1:39:49 PM	10/6/2011 13:39	0.008
21360	0.012	0.012	0.012	0.016	1:40:49 PM	10/6/2011 13:40	0.019
21420	0.011	0.012	0.013	0.018	1:41:49 PM	10/6/2011 13:41	0.021
21480	0.007	0.007	0.008	0.01	1:42:49 PM	10/6/2011 13:42	0.012
21540	0.008	0.008	0.009	0.013	1:43:49 PM	10/6/2011 13:43	0.015
21600	0.004	0.005	0.005	0.007	1:44:49 PM	10/6/2011 13:44	0.007
21660	0.008	0.008	0.008	0.011	1:45:49 PM	10/6/2011 13:45	0.012
21720	0.013	0.013	0.014	0.016	1:46:49 PM	10/6/2011 13:46	0.017
21780	0.005	0.005	0.005	0.006	1:47:49 PM	10/6/2011 13:47	0.007
21840	0.015	0.015	0.016	0.019	1:48:49 PM	10/6/2011 13:48	0.021
21900	0.023	0.023	0.024	0.029	1:49:49 PM	10/6/2011 13:49	0.03
21960	0.034	0.035	0.036	0.043	1:50:49 PM	10/6/2011 13:50	0.047
22020	0.034	0.034	0.036	0.045	1:51:49 PM	10/6/2011 13:51	0.05
22080	0.026	0.027	0.028	0.037	1:52:49 PM	10/6/2011 13:52	0.043
22140	0.018	0.019	0.019	0.023	1:53:49 PM	10/6/2011 13:53	0.025
22200	0.013	0.013	0.013	0.018	1:54:49 PM	10/6/2011 13:54	0.02
22260	0.025	0.025	0.026	0.032	1:55:49 PM	10/6/2011 13:55	0.036
22320	0.017	0.017	0.018	0.025	1:56:49 PM	10/6/2011 13:56	0.03
22380	0.018	0.018	0.019	0.025	1:57:49 PM	10/6/2011 13:57	0.03
22440	0.011	0.011	0.012	0.015	1:58:49 PM	10/6/2011 13:58	0.015
22500	0.01	0.01	0.011	0.012	1:59:49 PM	10/6/2011 13:59	0.013
22560	0.014	0.014	0.014	0.016	2:00:49 PM	10/6/2011 14:00	0.016
22620	0.007	0.007	0.007	0.009	2:01:49 PM	10/6/2011 14:01	0.009

22680	0.003	0.004	0.004	0.004	2:02:49 PM	10/6/2011 14:02	0.004
22740	0.004	0.005	0.005	0.007	2:03:49 PM	10/6/2011 14:03	0.008
22800	0.004	0.004	0.004	0.005	2:04:49 PM	10/6/2011 14:04	0.007
22860	0.003	0.003	0.003	0.004	2:05:49 PM	10/6/2011 14:05	0.005
22920	0.002	0.002	0.002	0.004	2:06:49 PM	10/6/2011 14:06	0.004
22980	0.002	0.002	0.003	0.004	2:07:49 PM	10/6/2011 14:07	0.004
23040	0.002	0.002	0.002	0.003	2:08:49 PM	10/6/2011 14:08	0.004
23100	0.007	0.007	0.008	0.01	2:09:49 PM	10/6/2011 14:09	0.012
23160	0.007	0.007	0.007	0.009	2:10:49 PM	10/6/2011 14:10	0.01
23220	0.02	0.02	0.021	0.023	2:11:49 PM	10/6/2011 14:11	0.024
23280	0.008	0.008	0.009	0.01	2:12:49 PM	10/6/2011 14:12	0.012
23340	0.012	0.012	0.012	0.015	2:13:49 PM	10/6/2011 14:13	0.016
23400	0.01	0.01	0.011	0.013	2:14:49 PM	10/6/2011 14:14	0.014
23460	0.014	0.014	0.015	0.017	2:15:49 PM	10/6/2011 14:15	0.02
23520	0.02	0.02	0.021	0.023	2:16:49 PM	10/6/2011 14:16	0.023
23580	0.009	0.009	0.01	0.013	2:17:49 PM	10/6/2011 14:17	0.015
23640	0.01	0.01	0.01	0.012	2:18:49 PM	10/6/2011 14:18	0.015
23700	0.009	0.009	0.009	0.011	2:19:49 PM	10/6/2011 14:19	0.013
23760	0.02	0.021	0.021	0.027	2:20:49 PM	10/6/2011 14:20	0.03
23820	0.025	0.025	0.026	0.033	2:21:49 PM	10/6/2011 14:21	0.039
23880	0.029	0.029	0.031	0.042	2:22:49 PM	10/6/2011 14:22	0.049
23940	0.025	0.025	0.026	0.032	2:23:49 PM	10/6/2011 14:23	0.038
24000	0.012	0.013	0.013	0.017	2:24:49 PM	10/6/2011 14:24	0.019
24060	0.003	0.003	0.004	0.005	2:25:49 PM	10/6/2011 14:25	0.006
24120	0.002	0.003	0.003	0.004	2:26:49 PM	10/6/2011 14:26	0.004
24180	0.017	0.017	0.018	0.023	2:27:49 PM	10/6/2011 14:27	0.026
24240	0.01	0.01	0.011	0.014	2:28:49 PM	10/6/2011 14:28	0.016
24300	0.021	0.021	0.022	0.027	2:29:49 PM	10/6/2011 14:29	0.031
24360	0.01	0.01	0.011	0.013	2:30:49 PM	10/6/2011 14:30	0.015
24420	0.008	0.009	0.009	0.011	2:31:49 PM	10/6/2011 14:31	0.012
24480	0.011	0.011	0.012	0.017	2:32:49 PM	10/6/2011 14:32	0.02
24540	0.032	0.033	0.034	0.042	2:33:49 PM	10/6/2011 14:33	0.048
24600	0.037	0.037	0.039	0.052	2:34:49 PM	10/6/2011 14:34	0.061
24660	0.011	0.011	0.012	0.014	2:35:49 PM	10/6/2011 14:35	0.017

Instrument Name DustTrak DRX
 Model Number 8533
 Serial Number 8533112903
 Firmware Version 2.8
 Calibration Date 7/18/2011
 Test Name MANUAL_005
 Test Start Time 7:42:02
 Test Start Date 10/6/2011
 Test Length [D:H:M] 0:06:52
 Test Interval [M:S] 1:00
 PM1 Average [mg/m³] 0.019
 PM1 Minimum [mg/m³] 0.006
 PM1 Maximum [mg/m³] 0.048
 PM1 TWA [mg/m³] 0.016
 PM2.5 Average [mg/m³] 0.019
 PM2.5 Minimum [mg/m³] 0.006
 PM2.5 Maximum [mg/m³] 0.049
 PM2.5 TWA [mg/m³] 0.016
 PM4 Average [mg/m³] 0.02
 PM4 Minimum [mg/m³] 0.006
 PM4 Maximum [mg/m³] 0.057
 PM4 TWA [mg/m³] 0.017
 PM10 Average [mg/m³] 0.023
 PM10 Minimum [mg/m³] 0.006
 PM10 Maximum [mg/m³] 0.068
 PM10 TWA [mg/m³] 0.02
 TOTAL Average [mg/m³] 0.024
 TOTAL Minimum [mg/m³] 0.006
 TOTAL Maximum [mg/m³] 0.096
 TOTAL TWA [mg/m³] 0.02
 Photometric User Cal 1
 Size Correction User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 412



Elapsed Time [s]	PM1 [mg/m ³]	PM2.5 [mg/m ³]	PM4 [mg/m ³]	PM10 [mg/m ³]	7:42:02 Time/Date	TOTAL [mg/m ³]	Alarms	Errors
60	0.036	0.037	0.039	0.066	7:43:02 10/6/2011 7:43	0.096		
120	0.039	0.04	0.041	0.05	7:44:02 10/6/2011 7:44	0.058		
180	0.022	0.022	0.023	0.024	7:45:02 10/6/2011 7:45	0.024		
240	0.021	0.021	0.022	0.024	7:46:02 10/6/2011 7:46	0.025		
300	0.022	0.023	0.024	0.029	7:47:02 10/6/2011 7:47	0.029		
360	0.016	0.016	0.017	0.02	7:48:02 10/6/2011 7:48	0.02		
420	0.016	0.016	0.017	0.019	7:49:02 10/6/2011 7:49	0.019		
480	0.02	0.021	0.021	0.023	7:50:02 10/6/2011 7:50	0.025		
540	0.019	0.019	0.02	0.022	7:51:02 10/6/2011 7:51	0.023		
600	0.015	0.016	0.017	0.019	7:52:02 10/6/2011 7:52	0.02		
660	0.015	0.016	0.017	0.019	7:53:02 10/6/2011 7:53	0.02		
720	0.024	0.024	0.025	0.027	7:54:02 10/6/2011 7:54	0.027		
780	0.019	0.02	0.02	0.022	7:55:02 10/6/2011 7:55	0.023		
840	0.02	0.021	0.021	0.024	7:56:02 10/6/2011 7:56	0.025		
900	0.016	0.017	0.018	0.021	7:57:02 10/6/2011 7:57	0.022		
960	0.015	0.015	0.016	0.018	7:58:02 10/6/2011 7:58	0.018		
1020	0.012	0.012	0.013	0.015	7:59:02 10/6/2011 7:59	0.015		
1080	0.023	0.023	0.024	0.025	8:00:02 10/6/2011 8:00	0.025		
1140	0.019	0.02	0.02	0.022	8:01:02 10/6/2011 8:01	0.022		
1200	0.014	0.014	0.015	0.017	8:02:02 10/6/2011 8:02	0.017		
1260	0.02	0.02	0.021	0.024	8:03:02 10/6/2011 8:03	0.024		
1320	0.019	0.019	0.02	0.022	8:04:02 10/6/2011 8:04	0.022		
1380	0.016	0.016	0.017	0.019	8:05:02 10/6/2011 8:05	0.019		
1440	0.017	0.017	0.018	0.02	8:06:02 10/6/2011 8:06	0.02		
1500	0.02	0.02	0.021	0.022	8:07:02 10/6/2011 8:07	0.022		
1560	0.014	0.014	0.015	0.017	8:08:02 10/6/2011 8:08	0.018		
1620	0.023	0.024	0.024	0.025	8:09:02 10/6/2011 8:09	0.026		
1680	0.021	0.021	0.022	0.023	8:10:02 10/6/2011 8:10	0.024		
1740	0.018	0.018	0.018	0.02	8:11:02 10/6/2011 8:11	0.02		
1800	0.016	0.017	0.017	0.019	8:12:02 10/6/2011 8:12	0.019		
1860	0.018	0.018	0.019	0.021	8:13:02 10/6/2011 8:13	0.021		
1920	0.021	0.022	0.022	0.023	8:14:02 10/6/2011 8:14	0.024		

1980	0.02	0.02	0.02	0.022	8:15:02	10/6/2011 8:15	0.022
2040	0.016	0.017	0.017	0.019	8:16:02	10/6/2011 8:16	0.02
2100	0.018	0.018	0.019	0.02	8:17:02	10/6/2011 8:17	0.02
2160	0.013	0.013	0.014	0.016	8:18:02	10/6/2011 8:18	0.016
2220	0.011	0.011	0.012	0.014	8:19:02	10/6/2011 8:19	0.014
2280	0.012	0.012	0.013	0.014	8:20:02	10/6/2011 8:20	0.015
2340	0.013	0.013	0.014	0.016	8:21:02	10/6/2011 8:21	0.016
2400	0.013	0.013	0.013	0.014	8:22:02	10/6/2011 8:22	0.014
2460	0.01	0.011	0.011	0.012	8:23:02	10/6/2011 8:23	0.012
2520	0.012	0.012	0.013	0.014	8:24:02	10/6/2011 8:24	0.014
2580	0.012	0.013	0.013	0.015	8:25:02	10/6/2011 8:25	0.016
2640	0.015	0.016	0.016	0.018	8:26:02	10/6/2011 8:26	0.019
2700	0.017	0.017	0.018	0.02	8:27:02	10/6/2011 8:27	0.021
2760	0.013	0.013	0.014	0.016	8:28:02	10/6/2011 8:28	0.017
2820	0.012	0.013	0.013	0.015	8:29:02	10/6/2011 8:29	0.015
2880	0.008	0.009	0.009	0.01	8:30:02	10/6/2011 8:30	0.011
2940	0.009	0.009	0.009	0.01	8:31:02	10/6/2011 8:31	0.011
3000	0.011	0.011	0.011	0.013	8:32:02	10/6/2011 8:32	0.013
3060	0.014	0.014	0.015	0.017	8:33:02	10/6/2011 8:33	0.018
3120	0.015	0.015	0.016	0.017	8:34:02	10/6/2011 8:34	0.018
3180	0.015	0.015	0.016	0.018	8:35:02	10/6/2011 8:35	0.019
3240	0.012	0.012	0.013	0.015	8:36:02	10/6/2011 8:36	0.015
3300	0.016	0.017	0.018	0.021	8:37:02	10/6/2011 8:37	0.023
3360	0.021	0.022	0.024	0.028	8:38:02	10/6/2011 8:38	0.029
3420	0.02	0.021	0.023	0.027	8:39:02	10/6/2011 8:39	0.028
3480	0.026	0.027	0.029	0.033	8:40:02	10/6/2011 8:40	0.033
3540	0.026	0.027	0.028	0.033	8:41:02	10/6/2011 8:41	0.033
3600	0.019	0.02	0.021	0.023	8:42:02	10/6/2011 8:42	0.025
3660	0.019	0.019	0.02	0.024	8:43:02	10/6/2011 8:43	0.024
3720	0.015	0.015	0.016	0.018	8:44:02	10/6/2011 8:44	0.019
3780	0.017	0.018	0.019	0.022	8:45:02	10/6/2011 8:45	0.023
3840	0.025	0.025	0.026	0.028	8:46:02	10/6/2011 8:46	0.029
3900	0.023	0.024	0.025	0.029	8:47:02	10/6/2011 8:47	0.03
3960	0.013	0.014	0.015	0.018	8:48:02	10/6/2011 8:48	0.019
4020	0.024	0.024	0.025	0.027	8:49:02	10/6/2011 8:49	0.027
4080	0.016	0.017	0.017	0.019	8:50:02	10/6/2011 8:50	0.02
4140	0.034	0.035	0.038	0.045	8:51:02	10/6/2011 8:51	0.047
4200	0.028	0.029	0.031	0.036	8:52:02	10/6/2011 8:52	0.039
4260	0.015	0.015	0.016	0.019	8:53:02	10/6/2011 8:53	0.02
4320	0.023	0.023	0.025	0.029	8:54:02	10/6/2011 8:54	0.03
4380	0.023	0.024	0.025	0.03	8:55:02	10/6/2011 8:55	0.03
4440	0.026	0.027	0.028	0.032	8:56:02	10/6/2011 8:56	0.034
4500	0.021	0.021	0.022	0.026	8:57:02	10/6/2011 8:57	0.026
4560	0.015	0.016	0.017	0.018	8:58:02	10/6/2011 8:58	0.019
4620	0.026	0.027	0.028	0.031	8:59:02	10/6/2011 8:59	0.032
4680	0.02	0.021	0.022	0.024	9:00:02	10/6/2011 9:00	0.024
4740	0.02	0.02	0.022	0.025	9:01:02	10/6/2011 9:01	0.025
4800	0.016	0.016	0.017	0.02	9:02:02	10/6/2011 9:02	0.02
4860	0.027	0.028	0.03	0.034	9:03:02	10/6/2011 9:03	0.034
4920	0.026	0.027	0.03	0.037	9:04:02	10/6/2011 9:04	0.038
4980	0.036	0.037	0.039	0.045	9:05:02	10/6/2011 9:05	0.045
5040	0.033	0.034	0.036	0.042	9:06:02	10/6/2011 9:06	0.043
5100	0.014	0.015	0.015	0.017	9:07:02	10/6/2011 9:07	0.019
5160	0.014	0.014	0.014	0.016	9:08:02	10/6/2011 9:08	0.016
5220	0.024	0.024	0.025	0.029	9:09:02	10/6/2011 9:09	0.029
5280	0.026	0.027	0.029	0.032	9:10:02	10/6/2011 9:10	0.033
5340	0.018	0.019	0.02	0.021	9:11:02	10/6/2011 9:11	0.022
5400	0.022	0.023	0.024	0.027	9:12:02	10/6/2011 9:12	0.028
5460	0.022	0.023	0.024	0.028	9:13:02	10/6/2011 9:13	0.03
5520	0.013	0.013	0.014	0.016	9:14:02	10/6/2011 9:14	0.017
5580	0.015	0.016	0.016	0.018	9:15:02	10/6/2011 9:15	0.018
5640	0.012	0.012	0.013	0.016	9:16:02	10/6/2011 9:16	0.016
5700	0.014	0.015	0.015	0.017	9:17:02	10/6/2011 9:17	0.018
5760	0.016	0.016	0.017	0.018	9:18:02	10/6/2011 9:18	0.018
5820	0.03	0.031	0.033	0.038	9:19:02	10/6/2011 9:19	0.039
5880	0.031	0.032	0.033	0.037	9:20:02	10/6/2011 9:20	0.039
5940	0.025	0.025	0.026	0.029	9:21:02	10/6/2011 9:21	0.029
6000	0.024	0.024	0.025	0.029	9:22:02	10/6/2011 9:22	0.029
6060	0.03	0.03	0.031	0.034	9:23:02	10/6/2011 9:23	0.034

6120	0.033	0.034	0.035	0.036	9:24:02	10/6/2011 9:24	0.037
6180	0.024	0.024	0.025	0.027	9:25:02	10/6/2011 9:25	0.028
6240	0.031	0.032	0.033	0.035	9:26:02	10/6/2011 9:26	0.036
6300	0.03	0.031	0.032	0.034	9:27:02	10/6/2011 9:27	0.034
6360	0.027	0.027	0.029	0.031	9:28:02	10/6/2011 9:28	0.031
6420	0.021	0.021	0.022	0.025	9:29:02	10/6/2011 9:29	0.025
6480	0.019	0.02	0.02	0.022	9:30:02	10/6/2011 9:30	0.022
6540	0.021	0.022	0.023	0.027	9:31:02	10/6/2011 9:31	0.028
6600	0.021	0.022	0.023	0.027	9:32:02	10/6/2011 9:32	0.028
6660	0.02	0.02	0.022	0.028	9:33:02	10/6/2011 9:33	0.03
6720	0.021	0.021	0.023	0.026	9:34:02	10/6/2011 9:34	0.027
6780	0.025	0.026	0.027	0.03	9:35:02	10/6/2011 9:35	0.032
6840	0.024	0.024	0.025	0.029	9:36:02	10/6/2011 9:36	0.029
6900	0.022	0.022	0.023	0.025	9:37:02	10/6/2011 9:37	0.026
6960	0.018	0.018	0.019	0.021	9:38:02	10/6/2011 9:38	0.021
7020	0.02	0.021	0.021	0.023	9:39:02	10/6/2011 9:39	0.024
7080	0.017	0.017	0.018	0.019	9:40:02	10/6/2011 9:40	0.02
7140	0.022	0.022	0.023	0.026	9:41:02	10/6/2011 9:41	0.026
7200	0.017	0.018	0.018	0.02	9:42:02	10/6/2011 9:42	0.02
7260	0.02	0.021	0.022	0.025	9:43:02	10/6/2011 9:43	0.026
7320	0.017	0.018	0.018	0.021	9:44:02	10/6/2011 9:44	0.021
7380	0.018	0.018	0.019	0.021	9:45:02	10/6/2011 9:45	0.021
7440	0.048	0.049	0.05	0.06	9:46:02	10/6/2011 9:46	0.067
7500	0.028	0.029	0.03	0.032	9:47:02	10/6/2011 9:47	0.032
7560	0.024	0.024	0.025	0.027	9:48:02	10/6/2011 9:48	0.027
7620	0.016	0.016	0.017	0.019	9:49:02	10/6/2011 9:49	0.02
7680	0.018	0.018	0.019	0.021	9:50:02	10/6/2011 9:50	0.021
7740	0.022	0.022	0.023	0.025	9:51:02	10/6/2011 9:51	0.025
7800	0.019	0.02	0.021	0.023	9:52:02	10/6/2011 9:52	0.024
7860	0.017	0.017	0.018	0.02	9:53:02	10/6/2011 9:53	0.022
7920	0.016	0.016	0.017	0.019	9:54:02	10/6/2011 9:54	0.02
7980	0.017	0.017	0.018	0.021	9:55:02	10/6/2011 9:55	0.022
8040	0.023	0.024	0.025	0.029	9:56:02	10/6/2011 9:56	0.029
8100	0.02	0.021	0.022	0.026	9:57:02	10/6/2011 9:57	0.026
8160	0.023	0.024	0.026	0.028	9:58:02	10/6/2011 9:58	0.029
8220	0.025	0.027	0.029	0.034	9:59:02	10/6/2011 9:59	0.035
8280	0.024	0.025	0.027	0.032	10:00:02	10/6/2011 10:00	0.033
8340	0.023	0.024	0.026	0.031	10:01:02	10/6/2011 10:01	0.033
8400	0.029	0.03	0.032	0.037	10:02:02	10/6/2011 10:02	0.039
8460	0.027	0.028	0.029	0.033	10:03:02	10/6/2011 10:03	0.033
8520	0.027	0.027	0.029	0.033	10:04:02	10/6/2011 10:04	0.033
8580	0.031	0.033	0.035	0.04	10:05:02	10/6/2011 10:05	0.04
8640	0.021	0.022	0.024	0.028	10:06:02	10/6/2011 10:06	0.028
8700	0.02	0.021	0.023	0.025	10:07:02	10/6/2011 10:07	0.026
8760	0.022	0.023	0.025	0.03	10:08:02	10/6/2011 10:08	0.03
8820	0.025	0.026	0.027	0.033	10:09:02	10/6/2011 10:09	0.033
8880	0.026	0.027	0.029	0.034	10:10:02	10/6/2011 10:10	0.036
8940	0.021	0.022	0.023	0.027	10:11:02	10/6/2011 10:11	0.028
9000	0.022	0.022	0.024	0.026	10:12:02	10/6/2011 10:12	0.026
9060	0.024	0.025	0.026	0.03	10:13:02	10/6/2011 10:13	0.031
9120	0.031	0.032	0.033	0.039	10:14:02	10/6/2011 10:14	0.042
9180	0.028	0.029	0.03	0.033	10:15:02	10/6/2011 10:15	0.033
9240	0.027	0.027	0.029	0.032	10:16:02	10/6/2011 10:16	0.033
9300	0.024	0.024	0.025	0.028	10:17:02	10/6/2011 10:17	0.03
9360	0.025	0.025	0.026	0.03	10:18:02	10/6/2011 10:18	0.031
9420	0.025	0.026	0.027	0.031	10:19:02	10/6/2011 10:19	0.032
9480	0.03	0.031	0.033	0.036	10:20:02	10/6/2011 10:20	0.037
9540	0.03	0.031	0.033	0.037	10:21:02	10/6/2011 10:21	0.038
9600	0.028	0.029	0.03	0.034	10:22:02	10/6/2011 10:22	0.034
9660	0.026	0.026	0.027	0.029	10:23:02	10/6/2011 10:23	0.029
9720	0.025	0.026	0.027	0.029	10:24:02	10/6/2011 10:24	0.03
9780	0.027	0.028	0.029	0.032	10:25:02	10/6/2011 10:25	0.032
9840	0.031	0.031	0.032	0.035	10:26:02	10/6/2011 10:26	0.036
9900	0.029	0.03	0.032	0.036	10:27:02	10/6/2011 10:27	0.037
9960	0.024	0.024	0.025	0.028	10:28:02	10/6/2011 10:28	0.03
10020	0.023	0.023	0.024	0.026	10:29:02	10/6/2011 10:29	0.027
10080	0.024	0.025	0.026	0.029	10:30:02	10/6/2011 10:30	0.029
10140	0.024	0.025	0.026	0.029	10:31:02	10/6/2011 10:31	0.03
10200	0.026	0.027	0.028	0.032	10:32:02	10/6/2011 10:32	0.032

10260	0.028	0.028	0.029	0.032	10:33:02	10/6/2011 10:33	0.032
10320	0.031	0.031	0.033	0.036	10:34:02	10/6/2011 10:34	0.036
10380	0.028	0.028	0.029	0.033	10:35:02	10/6/2011 10:35	0.033
10440	0.028	0.029	0.03	0.032	10:36:02	10/6/2011 10:36	0.033
10500	0.035	0.035	0.037	0.04	10:37:02	10/6/2011 10:37	0.041
10560	0.039	0.04	0.041	0.044	10:38:02	10/6/2011 10:38	0.044
10620	0.037	0.038	0.039	0.042	10:39:02	10/6/2011 10:39	0.042
10680	0.034	0.034	0.036	0.039	10:40:02	10/6/2011 10:40	0.039
10740	0.039	0.039	0.041	0.044	10:41:02	10/6/2011 10:41	0.044
10800	0.033	0.034	0.035	0.038	10:42:02	10/6/2011 10:42	0.039
10860	0.026	0.027	0.028	0.031	10:43:02	10/6/2011 10:43	0.032
10920	0.024	0.025	0.026	0.029	10:44:02	10/6/2011 10:44	0.029
10980	0.027	0.027	0.028	0.031	10:45:02	10/6/2011 10:45	0.032
11040	0.032	0.033	0.034	0.037	10:46:02	10/6/2011 10:46	0.037
11100	0.037	0.038	0.039	0.042	10:47:02	10/6/2011 10:47	0.042
11160	0.026	0.026	0.027	0.029	10:48:02	10/6/2011 10:48	0.029
11220	0.034	0.035	0.036	0.038	10:49:02	10/6/2011 10:49	0.04
11280	0.027	0.027	0.029	0.031	10:50:02	10/6/2011 10:50	0.031
11340	0.026	0.027	0.028	0.031	10:51:02	10/6/2011 10:51	0.032
11400	0.029	0.029	0.03	0.033	10:52:02	10/6/2011 10:52	0.033
11460	0.027	0.028	0.028	0.03	10:53:02	10/6/2011 10:53	0.031
11520	0.038	0.039	0.04	0.043	10:54:02	10/6/2011 10:54	0.044
11580	0.031	0.032	0.033	0.035	10:55:02	10/6/2011 10:55	0.036
11640	0.035	0.036	0.037	0.041	10:56:02	10/6/2011 10:56	0.041
11700	0.041	0.042	0.045	0.05	10:57:02	10/6/2011 10:57	0.052
11760	0.032	0.033	0.035	0.038	10:58:02	10/6/2011 10:58	0.039
11820	0.028	0.029	0.03	0.034	10:59:02	10/6/2011 10:59	0.034
11880	0.03	0.031	0.032	0.036	11:00:02	10/6/2011 11:00	0.037
11940	0.029	0.03	0.031	0.033	11:01:02	10/6/2011 11:01	0.034
12000	0.031	0.032	0.033	0.035	11:02:02	10/6/2011 11:02	0.036
12060	0.028	0.029	0.03	0.033	11:03:02	10/6/2011 11:03	0.033
12120	0.023	0.023	0.024	0.027	11:04:02	10/6/2011 11:04	0.027
12180	0.027	0.028	0.029	0.031	11:05:02	10/6/2011 11:05	0.031
12240	0.041	0.042	0.043	0.045	11:06:02	10/6/2011 11:06	0.046
12300	0.028	0.028	0.029	0.031	11:07:02	10/6/2011 11:07	0.031
12360	0.019	0.02	0.02	0.022	11:08:02	10/6/2011 11:08	0.022
12420	0.021	0.021	0.022	0.023	11:09:02	10/6/2011 11:09	0.023
12480	0.022	0.022	0.023	0.025	11:10:02	10/6/2011 11:10	0.025
12540	0.021	0.021	0.022	0.024	11:11:02	10/6/2011 11:11	0.024
12600	0.015	0.015	0.016	0.017	11:12:02	10/6/2011 11:12	0.018
12660	0.016	0.016	0.017	0.019	11:13:02	10/6/2011 11:13	0.019
12720	0.018	0.018	0.019	0.021	11:14:02	10/6/2011 11:14	0.021
12780	0.023	0.024	0.024	0.026	11:15:02	10/6/2011 11:15	0.027
12840	0.021	0.021	0.022	0.024	11:16:02	10/6/2011 11:16	0.025
12900	0.016	0.016	0.017	0.019	11:17:02	10/6/2011 11:17	0.019
12960	0.014	0.014	0.015	0.017	11:18:02	10/6/2011 11:18	0.017
13020	0.013	0.013	0.014	0.016	11:19:02	10/6/2011 11:19	0.016
13080	0.013	0.013	0.014	0.015	11:20:02	10/6/2011 11:20	0.015
13140	0.015	0.015	0.016	0.018	11:21:02	10/6/2011 11:21	0.018
13200	0.014	0.014	0.015	0.016	11:22:02	10/6/2011 11:22	0.016
13260	0.02	0.021	0.021	0.023	11:23:02	10/6/2011 11:23	0.023
13320	0.036	0.037	0.039	0.054	11:24:02	10/6/2011 11:24	0.062
13380	0.02	0.02	0.02	0.022	11:25:02	10/6/2011 11:25	0.022
13440	0.022	0.023	0.023	0.026	11:26:02	10/6/2011 11:26	0.026
13500	0.024	0.024	0.026	0.029	11:27:02	10/6/2011 11:27	0.031
13560	0.02	0.02	0.021	0.022	11:28:02	10/6/2011 11:28	0.022
13620	0.018	0.018	0.019	0.02	11:29:02	10/6/2011 11:29	0.02
13680	0.018	0.018	0.019	0.021	11:30:02	10/6/2011 11:30	0.022
13740	0.017	0.017	0.018	0.02	11:31:02	10/6/2011 11:31	0.02
13800	0.02	0.02	0.021	0.024	11:32:02	10/6/2011 11:32	0.024
13860	0.02	0.021	0.022	0.024	11:33:02	10/6/2011 11:33	0.024
13920	0.024	0.024	0.025	0.029	11:34:02	10/6/2011 11:34	0.029
13980	0.023	0.024	0.025	0.029	11:35:02	10/6/2011 11:35	0.03
14040	0.024	0.025	0.026	0.03	11:36:02	10/6/2011 11:36	0.031
14100	0.045	0.049	0.057	0.068	11:37:02	10/6/2011 11:37	0.069
14160	0.041	0.043	0.048	0.057	11:38:02	10/6/2011 11:38	0.057
14220	0.021	0.022	0.023	0.026	11:39:02	10/6/2011 11:39	0.026
14280	0.019	0.019	0.021	0.023	11:40:02	10/6/2011 11:40	0.023
14340	0.017	0.017	0.019	0.021	11:41:02	10/6/2011 11:41	0.022

14400	0.027	0.029	0.033	0.041	11:42:02	10/6/2011 11:42	0.043
14460	0.021	0.022	0.024	0.027	11:43:02	10/6/2011 11:43	0.027
14520	0.023	0.024	0.026	0.03	11:44:02	10/6/2011 11:44	0.032
14580	0.013	0.013	0.015	0.018	11:45:02	10/6/2011 11:45	0.018
14640	0.024	0.026	0.029	0.035	11:46:02	10/6/2011 11:46	0.036
14700	0.012	0.012	0.013	0.017	11:47:02	10/6/2011 11:47	0.017
14760	0.019	0.02	0.022	0.026	11:48:02	10/6/2011 11:48	0.027
14820	0.048	0.048	0.05	0.06	11:49:02	10/6/2011 11:49	0.065
14880	0.014	0.014	0.015	0.018	11:50:02	10/6/2011 11:50	0.018
14940	0.02	0.02	0.022	0.026	11:51:02	10/6/2011 11:51	0.028
15000	0.015	0.016	0.017	0.021	11:52:02	10/6/2011 11:52	0.021
15060	0.019	0.019	0.021	0.025	11:53:02	10/6/2011 11:53	0.025
15120	0.018	0.018	0.019	0.022	11:54:02	10/6/2011 11:54	0.024
15180	0.016	0.017	0.018	0.021	11:55:02	10/6/2011 11:55	0.021
15240	0.021	0.023	0.025	0.029	11:56:02	10/6/2011 11:56	0.031
15300	0.025	0.026	0.029	0.034	11:57:02	10/6/2011 11:57	0.034
15360	0.021	0.022	0.023	0.026	11:58:02	10/6/2011 11:58	0.026
15420	0.016	0.016	0.017	0.019	11:59:02	10/6/2011 11:59	0.02
15480	0.013	0.013	0.014	0.017	12:00:02	10/6/2011 12:00	0.017
15540	0.01	0.011	0.011	0.012	12:01:02	10/6/2011 12:01	0.013
15600	0.019	0.02	0.021	0.024	12:02:02	10/6/2011 12:02	0.026
15660	0.02	0.021	0.023	0.027	12:03:02	10/6/2011 12:03	0.028
15720	0.015	0.016	0.017	0.02	12:04:02	10/6/2011 12:04	0.02
15780	0.016	0.016	0.017	0.02	12:05:02	10/6/2011 12:05	0.02
15840	0.011	0.011	0.012	0.014	12:06:02	10/6/2011 12:06	0.014
15900	0.011	0.011	0.012	0.013	12:07:02	10/6/2011 12:07	0.013
15960	0.014	0.014	0.015	0.018	12:08:02	10/6/2011 12:08	0.018
16020	0.017	0.017	0.018	0.02	12:09:02	10/6/2011 12:09	0.021
16080	0.011	0.011	0.012	0.014	12:10:02	10/6/2011 12:10	0.014
16140	0.01	0.01	0.011	0.012	12:11:02	10/6/2011 12:11	0.012
16200	0.01	0.011	0.011	0.014	12:12:02	10/6/2011 12:12	0.015
16260	0.01	0.01	0.011	0.013	12:13:02	10/6/2011 12:13	0.014
16320	0.014	0.015	0.016	0.019	12:14:02	10/6/2011 12:14	0.02
16380	0.012	0.013	0.014	0.018	12:15:02	10/6/2011 12:15	0.019
16440	0.01	0.01	0.011	0.013	12:16:02	10/6/2011 12:16	0.013
16500	0.011	0.011	0.012	0.014	12:17:02	10/6/2011 12:17	0.014
16560	0.009	0.009	0.01	0.011	12:18:02	10/6/2011 12:18	0.011
16620	0.01	0.011	0.012	0.013	12:19:02	10/6/2011 12:19	0.014
16680	0.011	0.011	0.012	0.013	12:20:02	10/6/2011 12:20	0.014
16740	0.011	0.011	0.012	0.013	12:21:02	10/6/2011 12:21	0.013
16800	0.01	0.01	0.011	0.013	12:22:02	10/6/2011 12:22	0.013
16860	0.011	0.011	0.012	0.013	12:23:02	10/6/2011 12:23	0.013
16920	0.011	0.012	0.012	0.014	12:24:02	10/6/2011 12:24	0.014
16980	0.01	0.011	0.011	0.013	12:25:02	10/6/2011 12:25	0.013
17040	0.009	0.009	0.01	0.012	12:26:02	10/6/2011 12:26	0.012
17100	0.012	0.013	0.015	0.018	12:27:02	10/6/2011 12:27	0.018
17160	0.009	0.009	0.01	0.012	12:28:02	10/6/2011 12:28	0.012
17220	0.006	0.006	0.007	0.008	12:29:02	10/6/2011 12:29	0.008
17280	0.006	0.006	0.007	0.008	12:30:02	10/6/2011 12:30	0.008
17340	0.008	0.008	0.008	0.01	12:31:02	10/6/2011 12:31	0.01
17400	0.012	0.013	0.014	0.017	12:32:02	10/6/2011 12:32	0.017
17460	0.007	0.007	0.007	0.009	12:33:02	10/6/2011 12:33	0.009
17520	0.006	0.006	0.006	0.007	12:34:02	10/6/2011 12:34	0.007
17580	0.006	0.006	0.006	0.007	12:35:02	10/6/2011 12:35	0.007
17640	0.012	0.012	0.014	0.017	12:36:02	10/6/2011 12:36	0.019
17700	0.008	0.008	0.009	0.01	12:37:02	10/6/2011 12:37	0.01
17760	0.01	0.011	0.012	0.013	12:38:02	10/6/2011 12:38	0.014
17820	0.014	0.015	0.017	0.02	12:39:02	10/6/2011 12:39	0.02
17880	0.015	0.015	0.017	0.019	12:40:02	10/6/2011 12:40	0.02
17940	0.015	0.016	0.019	0.023	12:41:02	10/6/2011 12:41	0.023
18000	0.013	0.013	0.014	0.017	12:42:02	10/6/2011 12:42	0.017
18060	0.009	0.009	0.01	0.012	12:43:02	10/6/2011 12:43	0.012
18120	0.011	0.012	0.012	0.015	12:44:02	10/6/2011 12:44	0.015
18180	0.008	0.008	0.008	0.011	12:45:02	10/6/2011 12:45	0.012
18240	0.012	0.012	0.013	0.016	12:46:02	10/6/2011 12:46	0.016
18300	0.006	0.007	0.007	0.009	12:47:02	10/6/2011 12:47	0.009
18360	0.007	0.007	0.007	0.008	12:48:02	10/6/2011 12:48	0.009
18420	0.008	0.009	0.009	0.01	12:49:02	10/6/2011 12:49	0.01
18480	0.007	0.007	0.008	0.009	12:50:02	10/6/2011 12:50	0.01

18540	0.009	0.009	0.01	0.011	12:51:02	10/6/2011 12:51	0.012
18600	0.011	0.011	0.012	0.014	12:52:02	10/6/2011 12:52	0.014
18660	0.01	0.01	0.011	0.012	12:53:02	10/6/2011 12:53	0.012
18720	0.009	0.009	0.009	0.01	12:54:02	10/6/2011 12:54	0.01
18780	0.011	0.011	0.011	0.012	12:55:02	10/6/2011 12:55	0.013
18840	0.012	0.012	0.013	0.015	12:56:02	10/6/2011 12:56	0.015
18900	0.007	0.008	0.008	0.009	12:57:02	10/6/2011 12:57	0.009
18960	0.006	0.006	0.006	0.007	12:58:02	10/6/2011 12:58	0.008
19020	0.006	0.007	0.007	0.007	12:59:02	10/6/2011 12:59	0.008
19080	0.009	0.009	0.01	0.011	13:00:02	10/6/2011 13:00	0.012
19140	0.014	0.015	0.017	0.023	13:01:02	10/6/2011 13:01	0.025
19200	0.011	0.012	0.013	0.015	13:02:02	10/6/2011 13:02	0.016
19260	0.013	0.013	0.014	0.015	13:03:02	10/6/2011 13:03	0.016
19320	0.012	0.013	0.014	0.017	13:04:02	10/6/2011 13:04	0.017
19380	0.012	0.012	0.013	0.016	13:05:02	10/6/2011 13:05	0.017
19440	0.012	0.013	0.014	0.018	13:06:02	10/6/2011 13:06	0.018
19500	0.012	0.013	0.015	0.025	13:07:02	10/6/2011 13:07	0.027
19560	0.007	0.007	0.007	0.009	13:08:02	10/6/2011 13:08	0.009
19620	0.007	0.008	0.008	0.01	13:09:02	10/6/2011 13:09	0.01
19680	0.008	0.009	0.009	0.011	13:10:02	10/6/2011 13:10	0.013
19740	0.006	0.006	0.006	0.007	13:11:02	10/6/2011 13:11	0.007
19800	0.006	0.006	0.006	0.006	13:12:02	10/6/2011 13:12	0.006
19860	0.007	0.007	0.007	0.008	13:13:02	10/6/2011 13:13	0.008
19920	0.011	0.011	0.011	0.013	13:14:02	10/6/2011 13:14	0.014
19980	0.011	0.012	0.012	0.014	13:15:02	10/6/2011 13:15	0.015
20040	0.014	0.014	0.014	0.017	13:16:02	10/6/2011 13:16	0.017
20100	0.012	0.012	0.013	0.014	13:17:02	10/6/2011 13:17	0.014
20160	0.009	0.009	0.01	0.012	13:18:02	10/6/2011 13:18	0.012
20220	0.017	0.018	0.02	0.023	13:19:02	10/6/2011 13:19	0.023
20280	0.013	0.014	0.016	0.019	13:20:02	10/6/2011 13:20	0.019
20340	0.021	0.023	0.025	0.029	13:21:02	10/6/2011 13:21	0.029
20400	0.012	0.012	0.013	0.015	13:22:02	10/6/2011 13:22	0.015
20460	0.01	0.01	0.011	0.012	13:23:02	10/6/2011 13:23	0.012
20520	0.016	0.016	0.017	0.02	13:24:02	10/6/2011 13:24	0.02
20580	0.014	0.014	0.015	0.016	13:25:02	10/6/2011 13:25	0.016
20640	0.009	0.009	0.01	0.011	13:26:02	10/6/2011 13:26	0.011
20700	0.009	0.009	0.009	0.01	13:27:02	10/6/2011 13:27	0.01
20760	0.009	0.009	0.009	0.01	13:28:02	10/6/2011 13:28	0.011
20820	0.008	0.008	0.009	0.011	13:29:02	10/6/2011 13:29	0.011
20880	0.016	0.016	0.017	0.021	13:30:02	10/6/2011 13:30	0.022
20940	0.022	0.022	0.024	0.03	13:31:02	10/6/2011 13:31	0.031
21000	0.033	0.034	0.035	0.04	13:32:02	10/6/2011 13:32	0.041
21060	0.028	0.028	0.029	0.032	13:33:02	10/6/2011 13:33	0.032
21120	0.006	0.006	0.006	0.007	13:34:02	10/6/2011 13:34	0.007
21180	0.006	0.006	0.006	0.007	13:35:02	10/6/2011 13:35	0.007
21240	0.009	0.009	0.009	0.01	13:36:02	10/6/2011 13:36	0.01
21300	0.008	0.008	0.009	0.01	13:37:02	10/6/2011 13:37	0.01
21360	0.008	0.008	0.008	0.009	13:38:02	10/6/2011 13:38	0.01
21420	0.013	0.014	0.016	0.022	13:39:02	10/6/2011 13:39	0.023
21480	0.034	0.039	0.046	0.058	13:40:02	10/6/2011 13:40	0.059
21540	0.024	0.027	0.031	0.04	13:41:02	10/6/2011 13:41	0.04
21600	0.01	0.011	0.012	0.016	13:42:02	10/6/2011 13:42	0.017
21660	0.009	0.01	0.011	0.015	13:43:02	10/6/2011 13:43	0.016
21720	0.006	0.006	0.007	0.009	13:44:02	10/6/2011 13:44	0.009
21780	0.009	0.01	0.01	0.013	13:45:02	10/6/2011 13:45	0.013
21840	0.016	0.016	0.017	0.019	13:46:02	10/6/2011 13:46	0.019
21900	0.011	0.011	0.012	0.014	13:47:02	10/6/2011 13:47	0.015
21960	0.01	0.011	0.011	0.014	13:48:02	10/6/2011 13:48	0.015
22020	0.011	0.012	0.012	0.015	13:49:02	10/6/2011 13:49	0.015
22080	0.02	0.021	0.022	0.027	13:50:02	10/6/2011 13:50	0.027
22140	0.033	0.034	0.036	0.043	13:51:02	10/6/2011 13:51	0.046
22200	0.017	0.018	0.02	0.028	13:52:02	10/6/2011 13:52	0.031
22260	0.017	0.018	0.019	0.024	13:53:02	10/6/2011 13:53	0.025
22320	0.012	0.012	0.013	0.016	13:54:02	10/6/2011 13:54	0.016
22380	0.023	0.024	0.025	0.031	13:55:02	10/6/2011 13:55	0.032
22440	0.014	0.015	0.016	0.02	13:56:02	10/6/2011 13:56	0.02
22500	0.017	0.018	0.019	0.022	13:57:02	10/6/2011 13:57	0.022
22560	0.014	0.014	0.015	0.018	13:58:02	10/6/2011 13:58	0.018
22620	0.009	0.009	0.009	0.01	13:59:02	10/6/2011 13:59	0.01

22680	0.019	0.02	0.02	0.023	14:00:02	10/6/2011 14:00	0.023
22740	0.013	0.014	0.014	0.016	14:01:02	10/6/2011 14:01	0.016
22800	0.007	0.007	0.008	0.008	14:02:02	10/6/2011 14:02	0.009
22860	0.008	0.008	0.008	0.01	14:03:02	10/6/2011 14:03	0.01
22920	0.008	0.008	0.009	0.011	14:04:02	10/6/2011 14:04	0.012
22980	0.008	0.008	0.009	0.011	14:05:02	10/6/2011 14:05	0.011
23040	0.007	0.008	0.008	0.008	14:06:02	10/6/2011 14:06	0.009
23100	0.007	0.007	0.007	0.008	14:07:02	10/6/2011 14:07	0.008
23160	0.008	0.008	0.009	0.01	14:08:02	10/6/2011 14:08	0.01
23220	0.007	0.007	0.007	0.008	14:09:02	10/6/2011 14:09	0.008
23280	0.01	0.01	0.011	0.012	14:10:02	10/6/2011 14:10	0.013
23340	0.019	0.02	0.021	0.024	14:11:02	10/6/2011 14:11	0.025
23400	0.012	0.012	0.013	0.014	14:12:02	10/6/2011 14:12	0.014
23460	0.013	0.014	0.014	0.016	14:13:02	10/6/2011 14:13	0.017
23520	0.02	0.021	0.022	0.025	14:14:02	10/6/2011 14:14	0.027
23580	0.011	0.012	0.012	0.015	14:15:02	10/6/2011 14:15	0.015
23640	0.011	0.011	0.012	0.014	14:16:02	10/6/2011 14:16	0.014
23700	0.009	0.009	0.01	0.011	14:17:02	10/6/2011 14:17	0.012
23760	0.01	0.01	0.011	0.013	14:18:02	10/6/2011 14:18	0.014
23820	0.008	0.009	0.009	0.01	14:19:02	10/6/2011 14:19	0.01
23880	0.015	0.016	0.017	0.019	14:20:02	10/6/2011 14:20	0.019
23940	0.023	0.024	0.025	0.031	14:21:02	10/6/2011 14:21	0.031
24000	0.019	0.02	0.022	0.033	14:22:02	10/6/2011 14:22	0.034
24060	0.024	0.025	0.025	0.028	14:23:02	10/6/2011 14:23	0.029
24120	0.015	0.016	0.017	0.022	14:24:02	10/6/2011 14:24	0.022
24180	0.006	0.006	0.007	0.009	14:25:02	10/6/2011 14:25	0.009
24240	0.006	0.007	0.007	0.008	14:26:02	10/6/2011 14:26	0.008
24300	0.022	0.022	0.024	0.029	14:27:02	10/6/2011 14:27	0.031
24360	0.017	0.018	0.019	0.023	14:28:02	10/6/2011 14:28	0.024
24420	0.019	0.019	0.02	0.024	14:29:02	10/6/2011 14:29	0.025
24480	0.02	0.02	0.022	0.028	14:30:02	10/6/2011 14:30	0.029
24540	0.011	0.012	0.012	0.015	14:31:02	10/6/2011 14:31	0.016
24600	0.009	0.009	0.009	0.011	14:32:02	10/6/2011 14:32	0.011
24660	0.031	0.032	0.034	0.04	14:33:02	10/6/2011 14:33	0.042
24720	0.032	0.033	0.037	0.052	14:34:02	10/6/2011 14:34	0.057

Client: National Grid

Location: Lower

Date: 10/11/00

Field Personnel: J. Ehlen

Project: Metropolitan

Project Number: 60137361

Project Number: 301958
Weather: ~75°F, partly cloudy, little wind

Ambient Noise: $\sim 80 \text{ dB}$

Community Air Monitoring Plan / Noise Field Log

=====Event #27 information (begin)=====

[Event #27 name:]-[Event #27]2011-10-11 08:47-->2011-10-11 14:20
[Event start time:]-2011-10-11 08:47:50[Event end time:]-2011-10-11 14:20:50

=====Event #27 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-904624

Data Points: 333 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====Sensor Information : PID-Min(ppm)PID-Avg(ppm)PID-Max(ppm)=====

Measurement Gas : Isobutene

Calibration Time : 2011-10-11 07:18:002011-10-11 07:18:002011-10-11 07:18:00

Drift Value : --- --- ---

Low Alarm Levels : 50.000 50.000 50.000

High Alarm Levels : 100.000 100.000 100.000

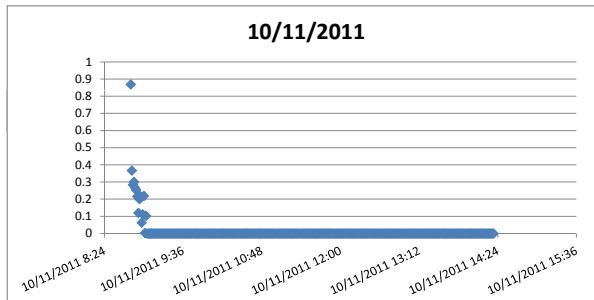
Span Value : 100.000 100.000 100.000

Correction Factor : 1.00 1.00 1.00

Over Alarm Levels : 15000.000 15000.000 15000.000

=====Event #27 data informations=====

LINE#	Date/Time	PID-Max(ppm)	PID-Min(ppm)	PID-Avg(ppm)
1	10/11/2011 8:48	0.869	0.235	0.538
2	10/11/2011 8:49	0.367	0.166	0.217
3	10/11/2011 8:50	0.284	0.139	0.214
4	10/11/2011 8:51	0.301	0.236	0.277
5	10/11/2011 8:52	0.266	0.138	0.187
6	10/11/2011 8:53	0.253	0.158	0.205
7	10/11/2011 8:54	0.216	0.1	0.155
8	10/11/2011 8:55	0.12	0	0.037
9	10/11/2011 8:56	0.2	0	0.085
10	10/11/2011 8:57	0.217	0.066	0.136
11	10/11/2011 8:58	0.063	0	0.028
12	10/11/2011 8:59	0.112	0	0.035
13	10/11/2011 9:00	0.219	0	0.078
14	10/11/2011 9:01	0.003	0	0
15	10/11/2011 9:02	0.103	0	0.022
16	10/11/2011 9:03	0	0	0
17	10/11/2011 9:04	0	0	0
18	10/11/2011 9:05	0	0	0
19	10/11/2011 9:06	0	0	0
20	10/11/2011 9:07	0	0	0
21	10/11/2011 9:08	0	0	0
22	10/11/2011 9:09	0	0	0
23	10/11/2011 9:10	0	0	0
24	10/11/2011 9:11	0	0	0
25	10/11/2011 9:12	0	0	0
26	10/11/2011 9:13	0	0	0
27	10/11/2011 9:14	0	0	0
28	10/11/2011 9:15	0	0	0
29	10/11/2011 9:16	0	0	0
30	10/11/2011 9:17	0	0	0
31	10/11/2011 9:18	0	0	0
32	10/11/2011 9:19	0	0	0
33	10/11/2011 9:20	0	0	0
34	10/11/2011 9:21	0	0	0
35	10/11/2011 9:22	0	0	0
36	10/11/2011 9:23	0	0	0
37	10/11/2011 9:24	0	0	0
38	10/11/2011 9:25	0	0	0
39	10/11/2011 9:26	0	0	0
40	10/11/2011 9:27	0	0	0
41	10/11/2011 9:28	0	0	0
42	10/11/2011 9:29	0	0	0
43	10/11/2011 9:30	0	0	0
44	10/11/2011 9:31	0	0	0
45	10/11/2011 9:32	0	0	0
46	10/11/2011 9:33	0	0	0
47	10/11/2011 9:34	0	0	0
48	10/11/2011 9:35	0	0	0



49	10/11/2011 9:36	0	0	0
50	10/11/2011 9:37	0	0	0
51	10/11/2011 9:38	0	0	0
52	10/11/2011 9:39	0	0	0
53	10/11/2011 9:40	0	0	0
54	10/11/2011 9:41	0	0	0
55	10/11/2011 9:42	0	0	0
56	10/11/2011 9:43	0	0	0
57	10/11/2011 9:44	0	0	0
58	10/11/2011 9:45	0	0	0
59	10/11/2011 9:46	0	0	0
60	10/11/2011 9:47	0	0	0
61	10/11/2011 9:48	0	0	0
62	10/11/2011 9:49	0	0	0
63	10/11/2011 9:50	0	0	0
64	10/11/2011 9:51	0	0	0
65	10/11/2011 9:52	0	0	0
66	10/11/2011 9:53	0	0	0
67	10/11/2011 9:54	0	0	0
68	10/11/2011 9:55	0	0	0
69	10/11/2011 9:56	0	0	0
70	10/11/2011 9:57	0	0	0
71	10/11/2011 9:58	0	0	0
72	10/11/2011 9:59	0	0	0
73	10/11/2011 10:00	0	0	0
74	10/11/2011 10:01	0	0	0
75	10/11/2011 10:02	0	0	0
76	10/11/2011 10:03	0	0	0
77	10/11/2011 10:04	0	0	0
78	10/11/2011 10:05	0	0	0
79	10/11/2011 10:06	0	0	0
80	10/11/2011 10:07	0	0	0
81	10/11/2011 10:08	0	0	0
82	10/11/2011 10:09	0	0	0
83	10/11/2011 10:10	0	0	0
84	10/11/2011 10:11	0	0	0
85	10/11/2011 10:12	0	0	0
86	10/11/2011 10:13	0	0	0
87	10/11/2011 10:14	0	0	0
88	10/11/2011 10:15	0	0	0
89	10/11/2011 10:16	0	0	0
90	10/11/2011 10:17	0	0	0
91	10/11/2011 10:18	0	0	0
92	10/11/2011 10:19	0	0	0
93	10/11/2011 10:20	0	0	0
94	10/11/2011 10:21	0	0	0
95	10/11/2011 10:22	0	0	0
96	10/11/2011 10:23	0	0	0
97	10/11/2011 10:24	0	0	0
98	10/11/2011 10:25	0	0	0
99	10/11/2011 10:26	0	0	0
100	10/11/2011 10:27	0	0	0
101	10/11/2011 10:28	0	0	0
102	10/11/2011 10:29	0	0	0
103	10/11/2011 10:30	0	0	0
104	10/11/2011 10:31	0	0	0
105	10/11/2011 10:32	0	0	0
106	10/11/2011 10:33	0	0	0
107	10/11/2011 10:34	0	0	0
108	10/11/2011 10:35	0	0	0
109	10/11/2011 10:36	0	0	0
110	10/11/2011 10:37	0	0	0
111	10/11/2011 10:38	0	0	0
112	10/11/2011 10:39	0	0	0
113	10/11/2011 10:40	0	0	0
114	10/11/2011 10:41	0	0	0
115	10/11/2011 10:42	0	0	0
116	10/11/2011 10:43	0	0	0
117	10/11/2011 10:44	0	0	0

118	10/11/2011 10:45	0	0	0
119	10/11/2011 10:46	0	0	0
120	10/11/2011 10:47	0	0	0
121	10/11/2011 10:48	0	0	0
122	10/11/2011 10:49	0	0	0
123	10/11/2011 10:50	0	0	0
124	10/11/2011 10:51	0	0	0
125	10/11/2011 10:52	0	0	0
126	10/11/2011 10:53	0	0	0
127	10/11/2011 10:54	0	0	0
128	10/11/2011 10:55	0	0	0
129	10/11/2011 10:56	0	0	0
130	10/11/2011 10:57	0	0	0
131	10/11/2011 10:58	0	0	0
132	10/11/2011 10:59	0	0	0
133	10/11/2011 11:00	0	0	0
134	10/11/2011 11:01	0	0	0
135	10/11/2011 11:02	0	0	0
136	10/11/2011 11:03	0	0	0
137	10/11/2011 11:04	0	0	0
138	10/11/2011 11:05	0	0	0
139	10/11/2011 11:06	0	0	0
140	10/11/2011 11:07	0	0	0
141	10/11/2011 11:08	0	0	0
142	10/11/2011 11:09	0	0	0
143	10/11/2011 11:10	0	0	0
144	10/11/2011 11:11	0	0	0
145	10/11/2011 11:12	0	0	0
146	10/11/2011 11:13	0	0	0
147	10/11/2011 11:14	0	0	0
148	10/11/2011 11:15	0	0	0
149	10/11/2011 11:16	0	0	0
150	10/11/2011 11:17	0	0	0
151	10/11/2011 11:18	0	0	0
152	10/11/2011 11:19	0	0	0
153	10/11/2011 11:20	0	0	0
154	10/11/2011 11:21	0	0	0
155	10/11/2011 11:22	0	0	0
156	10/11/2011 11:23	0	0	0
157	10/11/2011 11:24	0	0	0
158	10/11/2011 11:25	0	0	0
159	10/11/2011 11:26	0	0	0
160	10/11/2011 11:27	0	0	0
161	10/11/2011 11:28	0	0	0
162	10/11/2011 11:29	0	0	0
163	10/11/2011 11:30	0	0	0
164	10/11/2011 11:31	0	0	0
165	10/11/2011 11:32	0	0	0
166	10/11/2011 11:33	0	0	0
167	10/11/2011 11:34	0	0	0
168	10/11/2011 11:35	0	0	0
169	10/11/2011 11:36	0	0	0
170	10/11/2011 11:37	0	0	0
171	10/11/2011 11:38	0	0	0
172	10/11/2011 11:39	0	0	0
173	10/11/2011 11:40	0	0	0
174	10/11/2011 11:41	0	0	0
175	10/11/2011 11:42	0	0	0
176	10/11/2011 11:43	0	0	0
177	10/11/2011 11:44	0	0	0
178	10/11/2011 11:45	0	0	0
179	10/11/2011 11:46	0	0	0
180	10/11/2011 11:47	0	0	0
181	10/11/2011 11:48	0	0	0
182	10/11/2011 11:49	0	0	0
183	10/11/2011 11:50	0	0	0
184	10/11/2011 11:51	0	0	0
185	10/11/2011 11:52	0	0	0
186	10/11/2011 11:53	0	0	0

187	10/11/2011 11:54	0	0	0
188	10/11/2011 11:55	0	0	0
189	10/11/2011 11:56	0	0	0
190	10/11/2011 11:57	0	0	0
191	10/11/2011 11:58	0	0	0
192	10/11/2011 11:59	0	0	0
193	10/11/2011 12:00	0	0	0
194	10/11/2011 12:01	0	0	0
195	10/11/2011 12:02	0	0	0
196	10/11/2011 12:03	0	0	0
197	10/11/2011 12:04	0	0	0
198	10/11/2011 12:05	0	0	0
199	10/11/2011 12:06	0	0	0
200	10/11/2011 12:07	0	0	0
201	10/11/2011 12:08	0	0	0
202	10/11/2011 12:09	0	0	0
203	10/11/2011 12:10	0	0	0
204	10/11/2011 12:11	0	0	0
205	10/11/2011 12:12	0	0	0
206	10/11/2011 12:13	0	0	0
207	10/11/2011 12:14	0	0	0
208	10/11/2011 12:15	0	0	0
209	10/11/2011 12:16	0	0	0
210	10/11/2011 12:17	0	0	0
211	10/11/2011 12:18	0	0	0
212	10/11/2011 12:19	0	0	0
213	10/11/2011 12:20	0	0	0
214	10/11/2011 12:21	0	0	0
215	10/11/2011 12:22	0	0	0
216	10/11/2011 12:23	0	0	0
217	10/11/2011 12:24	0	0	0
218	10/11/2011 12:25	0	0	0
219	10/11/2011 12:26	0	0	0
220	10/11/2011 12:27	0	0	0
221	10/11/2011 12:28	0	0	0
222	10/11/2011 12:29	0	0	0
223	10/11/2011 12:30	0	0	0
224	10/11/2011 12:31	0	0	0
225	10/11/2011 12:32	0	0	0
226	10/11/2011 12:33	0	0	0
227	10/11/2011 12:34	0	0	0
228	10/11/2011 12:35	0	0	0
229	10/11/2011 12:36	0	0	0
230	10/11/2011 12:37	0	0	0
231	10/11/2011 12:38	0	0	0
232	10/11/2011 12:39	0	0	0
233	10/11/2011 12:40	0	0	0
234	10/11/2011 12:41	0	0	0
235	10/11/2011 12:42	0	0	0
236	10/11/2011 12:43	0	0	0
237	10/11/2011 12:44	0	0	0
238	10/11/2011 12:45	0	0	0
239	10/11/2011 12:46	0	0	0
240	10/11/2011 12:47	0	0	0
241	10/11/2011 12:48	0	0	0
242	10/11/2011 12:49	0	0	0
243	10/11/2011 12:50	0	0	0
244	10/11/2011 12:51	0	0	0
245	10/11/2011 12:52	0	0	0
246	10/11/2011 12:53	0	0	0
247	10/11/2011 12:54	0	0	0
248	10/11/2011 12:55	0	0	0
249	10/11/2011 12:56	0	0	0
250	10/11/2011 12:57	0	0	0
251	10/11/2011 12:58	0	0	0
252	10/11/2011 12:59	0	0	0
253	10/11/2011 13:00	0	0	0
254	10/11/2011 13:01	0	0	0
255	10/11/2011 13:02	0	0	0

256	10/11/2011 13:03	0	0	0
257	10/11/2011 13:04	0	0	0
258	10/11/2011 13:05	0	0	0
259	10/11/2011 13:06	0	0	0
260	10/11/2011 13:07	0	0	0
261	10/11/2011 13:08	0	0	0
262	10/11/2011 13:09	0	0	0
263	10/11/2011 13:10	0	0	0
264	10/11/2011 13:11	0	0	0
265	10/11/2011 13:12	0	0	0
266	10/11/2011 13:13	0	0	0
267	10/11/2011 13:14	0	0	0
268	10/11/2011 13:15	0	0	0
269	10/11/2011 13:16	0	0	0
270	10/11/2011 13:17	0	0	0
271	10/11/2011 13:18	0	0	0
272	10/11/2011 13:19	0	0	0
273	10/11/2011 13:20	0	0	0
274	10/11/2011 13:21	0	0	0
275	10/11/2011 13:22	0	0	0
276	10/11/2011 13:23	0	0	0
277	10/11/2011 13:24	0	0	0
278	10/11/2011 13:25	0	0	0
279	10/11/2011 13:26	0	0	0
280	10/11/2011 13:27	0	0	0
281	10/11/2011 13:28	0	0	0
282	10/11/2011 13:29	0	0	0
283	10/11/2011 13:30	0	0	0
284	10/11/2011 13:31	0	0	0
285	10/11/2011 13:32	0	0	0
286	10/11/2011 13:33	0	0	0
287	10/11/2011 13:34	0	0	0
288	10/11/2011 13:35	0	0	0
289	10/11/2011 13:36	0	0	0
290	10/11/2011 13:37	0	0	0
291	10/11/2011 13:38	0	0	0
292	10/11/2011 13:39	0	0	0
293	10/11/2011 13:40	0	0	0
294	10/11/2011 13:41	0	0	0
295	10/11/2011 13:42	0	0	0
296	10/11/2011 13:43	0	0	0
297	10/11/2011 13:44	0	0	0
298	10/11/2011 13:45	0	0	0
299	10/11/2011 13:46	0	0	0
300	10/11/2011 13:47	0	0	0
301	10/11/2011 13:48	0	0	0
302	10/11/2011 13:49	0	0	0
303	10/11/2011 13:50	0	0	0
304	10/11/2011 13:51	0	0	0
305	10/11/2011 13:52	0	0	0
306	10/11/2011 13:53	0	0	0
307	10/11/2011 13:54	0	0	0
308	10/11/2011 13:55	0	0	0
309	10/11/2011 13:56	0	0	0
310	10/11/2011 13:57	0	0	0
311	10/11/2011 13:58	0	0	0
312	10/11/2011 13:59	0	0	0
313	10/11/2011 14:00	0	0	0
314	10/11/2011 14:01	0	0	0
315	10/11/2011 14:02	0	0	0
316	10/11/2011 14:03	0	0	0
317	10/11/2011 14:04	0	0	0
318	10/11/2011 14:05	0	0	0
319	10/11/2011 14:06	0	0	0
320	10/11/2011 14:07	0	0	0
321	10/11/2011 14:08	0	0	0
322	10/11/2011 14:09	0	0	0
323	10/11/2011 14:10	0	0	0
324	10/11/2011 14:11	0	0	0

325	10/11/2011 14:12	0	0	0
326	10/11/2011 14:13	0	0	0
327	10/11/2011 14:14	0	0	0
328	10/11/2011 14:15	0	0	0
329	10/11/2011 14:16	0	0	0
330	10/11/2011 14:17	0	0	0
331	10/11/2011 14:18	0	0	0
332	10/11/2011 14:19	0	0	0
333	10/11/2011 14:20	0	0	0

=====Event #27 information (end)=====

=====Event #16 information (begin)=====

[Event #16 name:]-[Event #16]2011-10-11 08:54:31-->2011-10-11 14:29

[Event start time:]-2011-10-11 08:54:31[Event end time:]-2011-10-11 14:29:31

=====Event #16 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905367

Data Points: 335 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

Sensor Information : PID(ppb)

Measurement Gas : Isobutene

Calibration Time : 2011-10-11 07:28:00

Drift Value : --

Low Alarm Levels : 25847

High Alarm Levels : 51694

Span Value : 100000

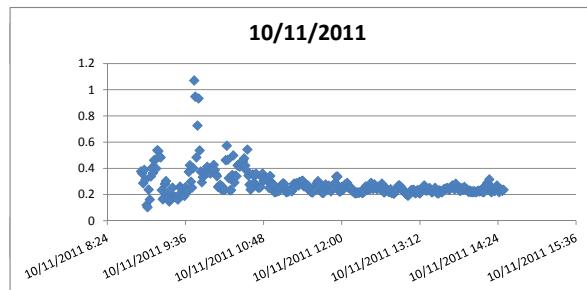
Correction Factor : 1.00

Over Alarm Levels : 15000000

=====Event #16 data informations=====

LINE#	Date/Time	PID(ppm)	PID(ppb)
-------	-----------	----------	----------

1	10/11/2011 8:55	0.377	377
2	10/11/2011 8:56	0.361	361
3	10/11/2011 8:57	0.287	287
4	10/11/2011 8:58	0.389	389
5	10/11/2011 8:59	0.314	314
6	10/11/2011 9:00	0.119	119
7	10/11/2011 9:01	0.103	103
8	10/11/2011 9:02	0.238	238
9	10/11/2011 9:03	0.162	162
10	10/11/2011 9:04	0.338	338
11	10/11/2011 9:05	0.404	404
12	10/11/2011 9:06	0.365	365
13	10/11/2011 9:07	0.462	462
14	10/11/2011 9:08	0.465	465
15	10/11/2011 9:09	0.399	399
16	10/11/2011 9:10	0.539	539
17	10/11/2011 9:11	0.532	532
18	10/11/2011 9:12	0.493	493
19	10/11/2011 9:13	0.483	483
20	10/11/2011 9:14	0.234	234
21	10/11/2011 9:15	0.164	164
22	10/11/2011 9:16	0.175	175
23	10/11/2011 9:17	0.281	281
24	10/11/2011 9:18	0.303	303
25	10/11/2011 9:19	0.213	213
26	10/11/2011 9:20	0.18	180
27	10/11/2011 9:21	0.147	147
28	10/11/2011 9:22	0.159	159
29	10/11/2011 9:23	0.179	179
30	10/11/2011 9:24	0.253	253
31	10/11/2011 9:25	0.187	187
32	10/11/2011 9:26	0.182	182
33	10/11/2011 9:27	0.179	179
34	10/11/2011 9:28	0.176	176
35	10/11/2011 9:29	0.162	162
36	10/11/2011 9:30	0.197	197
37	10/11/2011 9:31	0.261	261
38	10/11/2011 9:32	0.244	244
39	10/11/2011 9:33	0.221	221
40	10/11/2011 9:34	0.199	199
41	10/11/2011 9:35	0.19	190
42	10/11/2011 9:36	0.256	256
43	10/11/2011 9:37	0.217	217
44	10/11/2011 9:38	0.229	229
45	10/11/2011 9:39	0.374	374
46	10/11/2011 9:40	0.424	424
47	10/11/2011 9:41	0.298	298
48	10/11/2011 9:42	0.253	253



49	10/11/2011 9:43	0.402	402
50	10/11/2011 9:44	1.071	1071
51	10/11/2011 9:45	0.948	948
52	10/11/2011 9:46	0.484	484
53	10/11/2011 9:47	0.727	727
54	10/11/2011 9:48	0.934	934
55	10/11/2011 9:49	0.537	537
56	10/11/2011 9:50	0.376	376
57	10/11/2011 9:51	0.294	294
58	10/11/2011 9:52	0.333	333
59	10/11/2011 9:53	0.366	366
60	10/11/2011 9:54	0.369	369
61	10/11/2011 9:55	0.368	368
62	10/11/2011 9:56	0.413	413
63	10/11/2011 9:57	0.37	370
64	10/11/2011 9:58	0.37	370
65	10/11/2011 9:59	0.361	361
66	10/11/2011 10:00	0.398	398
67	10/11/2011 10:01	0.385	385
68	10/11/2011 10:02	0.427	427
69	10/11/2011 10:03	0.388	388
70	10/11/2011 10:04	0.355	355
71	10/11/2011 10:05	0.341	341
72	10/11/2011 10:06	0.259	259
73	10/11/2011 10:07	0.256	256
74	10/11/2011 10:08	0.275	275
75	10/11/2011 10:09	0.24	240
76	10/11/2011 10:10	0.259	259
77	10/11/2011 10:11	0.234	234
78	10/11/2011 10:12	0.235	235
79	10/11/2011 10:13	0.463	463
80	10/11/2011 10:14	0.573	573
81	10/11/2011 10:15	0.466	466
82	10/11/2011 10:16	0.325	325
83	10/11/2011 10:17	0.232	232
84	10/11/2011 10:18	0.234	234
85	10/11/2011 10:19	0.35	350
86	10/11/2011 10:20	0.499	499
87	10/11/2011 10:21	0.292	292
88	10/11/2011 10:22	0.344	344
89	10/11/2011 10:23	0.34	340
90	10/11/2011 10:24	0.423	423
91	10/11/2011 10:25	0.43	430
92	10/11/2011 10:26	0.413	413
93	10/11/2011 10:27	0.435	435
94	10/11/2011 10:28	0.45	450
95	10/11/2011 10:29	0.454	454
96	10/11/2011 10:30	0.476	476
97	10/11/2011 10:31	0.422	422
98	10/11/2011 10:32	0.386	386
99	10/11/2011 10:33	0.544	544
100	10/11/2011 10:34	0.345	345
101	10/11/2011 10:35	0.276	276
102	10/11/2011 10:36	0.238	238
103	10/11/2011 10:37	0.256	256
104	10/11/2011 10:38	0.354	354
105	10/11/2011 10:39	0.29	290
106	10/11/2011 10:40	0.344	344
107	10/11/2011 10:41	0.36	360
108	10/11/2011 10:42	0.268	268
109	10/11/2011 10:43	0.253	253
110	10/11/2011 10:44	0.254	254
111	10/11/2011 10:45	0.256	256
112	10/11/2011 10:46	0.337	337
113	10/11/2011 10:47	0.36	360
114	10/11/2011 10:48	0.305	305
115	10/11/2011 10:49	0.332	332
116	10/11/2011 10:50	0.319	319
117	10/11/2011 10:51	0.317	317

118	10/11/2011 10:52	0.303	303
119	10/11/2011 10:53	0.251	251
120	10/11/2011 10:54	0.342	342
121	10/11/2011 10:55	0.292	292
122	10/11/2011 10:56	0.285	285
123	10/11/2011 10:57	0.277	277
124	10/11/2011 10:58	0.219	219
125	10/11/2011 10:59	0.22	220
126	10/11/2011 11:00	0.223	223
127	10/11/2011 11:01	0.226	226
128	10/11/2011 11:02	0.229	229
129	10/11/2011 11:03	0.25	250
130	10/11/2011 11:04	0.26	260
131	10/11/2011 11:05	0.278	278
132	10/11/2011 11:06	0.286	286
133	10/11/2011 11:07	0.28	280
134	10/11/2011 11:08	0.238	238
135	10/11/2011 11:09	0.217	217
136	10/11/2011 11:10	0.225	225
137	10/11/2011 11:11	0.225	225
138	10/11/2011 11:12	0.235	235
139	10/11/2011 11:13	0.243	243
140	10/11/2011 11:14	0.225	225
141	10/11/2011 11:15	0.242	242
142	10/11/2011 11:16	0.284	284
143	10/11/2011 11:17	0.262	262
144	10/11/2011 11:18	0.286	286
145	10/11/2011 11:19	0.286	286
146	10/11/2011 11:20	0.269	269
147	10/11/2011 11:21	0.297	297
148	10/11/2011 11:22	0.29	290
149	10/11/2011 11:23	0.302	302
150	10/11/2011 11:24	0.305	305
151	10/11/2011 11:25	0.264	264
152	10/11/2011 11:26	0.263	263
153	10/11/2011 11:27	0.279	279
154	10/11/2011 11:28	0.253	253
155	10/11/2011 11:29	0.268	268
156	10/11/2011 11:30	0.238	238
157	10/11/2011 11:31	0.224	224
158	10/11/2011 11:32	0.218	218
159	10/11/2011 11:33	0.216	216
160	10/11/2011 11:34	0.244	244
161	10/11/2011 11:35	0.238	238
162	10/11/2011 11:36	0.235	235
163	10/11/2011 11:37	0.286	286
164	10/11/2011 11:38	0.302	302
165	10/11/2011 11:39	0.287	287
166	10/11/2011 11:40	0.263	263
167	10/11/2011 11:41	0.223	223
168	10/11/2011 11:42	0.214	214
169	10/11/2011 11:43	0.212	212
170	10/11/2011 11:44	0.253	253
171	10/11/2011 11:45	0.277	277
172	10/11/2011 11:46	0.244	244
173	10/11/2011 11:47	0.263	263
174	10/11/2011 11:48	0.268	268
175	10/11/2011 11:49	0.241	241
176	10/11/2011 11:50	0.225	225
177	10/11/2011 11:51	0.268	268
178	10/11/2011 11:52	0.245	245
179	10/11/2011 11:53	0.258	258
180	10/11/2011 11:54	0.291	291
181	10/11/2011 11:55	0.337	337
182	10/11/2011 11:56	0.337	337
183	10/11/2011 11:57	0.258	258
184	10/11/2011 11:58	0.222	222
185	10/11/2011 11:59	0.227	227
186	10/11/2011 12:00	0.259	259

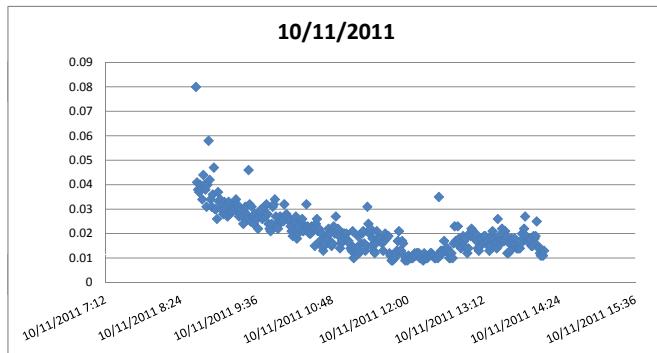
187	10/11/2011 12:01	0.236	236
188	10/11/2011 12:02	0.252	252
189	10/11/2011 12:03	0.277	277
190	10/11/2011 12:04	0.263	263
191	10/11/2011 12:05	0.289	289
192	10/11/2011 12:06	0.253	253
193	10/11/2011 12:07	0.252	252
194	10/11/2011 12:08	0.255	255
195	10/11/2011 12:09	0.246	246
196	10/11/2011 12:10	0.224	224
197	10/11/2011 12:11	0.228	228
198	10/11/2011 12:12	0.211	211
199	10/11/2011 12:13	0.209	209
200	10/11/2011 12:14	0.218	218
201	10/11/2011 12:15	0.214	214
202	10/11/2011 12:16	0.215	215
203	10/11/2011 12:17	0.22	220
204	10/11/2011 12:18	0.222	222
205	10/11/2011 12:19	0.211	211
206	10/11/2011 12:20	0.218	218
207	10/11/2011 12:21	0.226	226
208	10/11/2011 12:22	0.263	263
209	10/11/2011 12:23	0.242	242
210	10/11/2011 12:24	0.239	239
211	10/11/2011 12:25	0.249	249
212	10/11/2011 12:26	0.242	242
213	10/11/2011 12:27	0.29	290
214	10/11/2011 12:28	0.248	248
215	10/11/2011 12:29	0.244	244
216	10/11/2011 12:30	0.278	278
217	10/11/2011 12:31	0.258	258
218	10/11/2011 12:32	0.244	244
219	10/11/2011 12:33	0.244	244
220	10/11/2011 12:34	0.261	261
221	10/11/2011 12:35	0.252	252
222	10/11/2011 12:36	0.238	238
223	10/11/2011 12:37	0.284	284
224	10/11/2011 12:38	0.244	244
225	10/11/2011 12:39	0.216	216
226	10/11/2011 12:40	0.223	223
227	10/11/2011 12:41	0.244	244
228	10/11/2011 12:42	0.239	239
229	10/11/2011 12:43	0.222	222
230	10/11/2011 12:44	0.221	221
231	10/11/2011 12:45	0.241	241
232	10/11/2011 12:46	0.211	211
233	10/11/2011 12:47	0.221	221
234	10/11/2011 12:48	0.206	206
235	10/11/2011 12:49	0.217	217
236	10/11/2011 12:50	0.236	236
237	10/11/2011 12:51	0.236	236
238	10/11/2011 12:52	0.266	266
239	10/11/2011 12:53	0.271	271
240	10/11/2011 12:54	0.254	254
241	10/11/2011 12:55	0.254	254
242	10/11/2011 12:56	0.233	233
243	10/11/2011 12:57	0.231	231
244	10/11/2011 12:58	0.216	216
245	10/11/2011 12:59	0.205	205
246	10/11/2011 13:00	0.2	200
247	10/11/2011 13:01	0.191	191
248	10/11/2011 13:02	0.203	203
249	10/11/2011 13:03	0.211	211
250	10/11/2011 13:04	0.235	235
251	10/11/2011 13:05	0.227	227
252	10/11/2011 13:06	0.237	237
253	10/11/2011 13:07	0.216	216
254	10/11/2011 13:08	0.21	210
255	10/11/2011 13:09	0.227	227

256	10/11/2011 13:10	0.235	235
257	10/11/2011 13:11	0.213	213
258	10/11/2011 13:12	0.209	209
259	10/11/2011 13:13	0.224	224
260	10/11/2011 13:14	0.244	244
261	10/11/2011 13:15	0.254	254
262	10/11/2011 13:16	0.27	270
263	10/11/2011 13:17	0.243	243
264	10/11/2011 13:18	0.23	230
265	10/11/2011 13:19	0.233	233
266	10/11/2011 13:20	0.244	244
267	10/11/2011 13:21	0.25	250
268	10/11/2011 13:22	0.229	229
269	10/11/2011 13:23	0.217	217
270	10/11/2011 13:24	0.223	223
271	10/11/2011 13:25	0.236	236
272	10/11/2011 13:26	0.252	252
273	10/11/2011 13:27	0.227	227
274	10/11/2011 13:28	0.211	211
275	10/11/2011 13:29	0.209	209
276	10/11/2011 13:30	0.232	232
277	10/11/2011 13:31	0.228	228
278	10/11/2011 13:32	0.217	217
279	10/11/2011 13:33	0.223	223
280	10/11/2011 13:34	0.239	239
281	10/11/2011 13:35	0.244	244
282	10/11/2011 13:36	0.244	244
283	10/11/2011 13:37	0.251	251
284	10/11/2011 13:38	0.246	246
285	10/11/2011 13:39	0.236	236
286	10/11/2011 13:40	0.252	252
287	10/11/2011 13:41	0.261	261
288	10/11/2011 13:42	0.269	269
289	10/11/2011 13:43	0.251	251
290	10/11/2011 13:44	0.239	239
291	10/11/2011 13:45	0.284	284
292	10/11/2011 13:46	0.251	251
293	10/11/2011 13:47	0.246	246
294	10/11/2011 13:48	0.243	243
295	10/11/2011 13:49	0.227	227
296	10/11/2011 13:50	0.249	249
297	10/11/2011 13:51	0.245	245
298	10/11/2011 13:52	0.238	238
299	10/11/2011 13:53	0.259	259
300	10/11/2011 13:54	0.239	239
301	10/11/2011 13:55	0.242	242
302	10/11/2011 13:56	0.229	229
303	10/11/2011 13:57	0.22	220
304	10/11/2011 13:58	0.231	231
305	10/11/2011 13:59	0.218	218
306	10/11/2011 14:00	0.225	225
307	10/11/2011 14:01	0.217	217
308	10/11/2011 14:02	0.226	226
309	10/11/2011 14:03	0.22	220
310	10/11/2011 14:04	0.218	218
311	10/11/2011 14:05	0.226	226
312	10/11/2011 14:06	0.23	230
313	10/11/2011 14:07	0.223	223
314	10/11/2011 14:08	0.228	228
315	10/11/2011 14:09	0.24	240
316	10/11/2011 14:10	0.218	218
317	10/11/2011 14:11	0.22	220
318	10/11/2011 14:12	0.261	261
319	10/11/2011 14:13	0.269	269
320	10/11/2011 14:14	0.288	288
321	10/11/2011 14:15	0.282	282
322	10/11/2011 14:16	0.316	316
323	10/11/2011 14:17	0.225	225
324	10/11/2011 14:18	0.219	219

325	10/11/2011 14:19	0.232	232
326	10/11/2011 14:20	0.242	242
327	10/11/2011 14:21	0.227	227
328	10/11/2011 14:22	0.238	238
329	10/11/2011 14:23	0.269	269
330	10/11/2011 14:24	0.243	243
331	10/11/2011 14:25	0.218	218
332	10/11/2011 14:26	0.233	233
333	10/11/2011 14:27	0.237	237
334	10/11/2011 14:28	0.229	229
335	10/11/2011 14:29	0.237	237

=====Event #16 information (end)=====

Instrument Name DustTrak DRX
 Model Number 8533
 Serial Number 8533101806
 Firmware Version 2.8
 Calibration Date 5/19/2011
 Test Name MANUAL_006
 Test Start Time 8:37:13 AM
 Test Start Date 10/11/2011
 Test Length [D:H:M] 0:05:32
 Test Interval [M:S] 1:00
 PM1 Average [mg/l] 0.019
 PM1 Minimum [mg] 0.008
 PM1 Maximum [mg] 0.062
 PM1 TWA [mg/m³] 0.013
 PM2.5 Average [mg] 0.019
 PM2.5 Minimum [n] 0.008
 PM2.5 Maximum [r] 0.064
 PM2.5 TWA [mg/m] 0.013
 PM4 Average [mg/l] 0.02
 PM4 Minimum [mg] 0.008
 PM4 Maximum [mg] 0.067
 PM4 TWA [mg/m³] 0.014
 PM10 Average [mg] 0.02
 PM10 Minimum [m] 0.009
 PM10 Maximum [r] 0.075
 PM10 TWA [mg/m³] 0.014
 TOTAL Average [mg] 0.02
 TOTAL Minimum [n] 0.009
 TOTAL Maximum [r] 0.08
 TOTAL TWA [mg/m] 0.014
 Photometric User C 1
 Size Correction Use 1
 Flow User Cal 1
 Errors
 Number of Samples 332



Elapsed Time [s]	PM1 [mg/m ³]	PM2.5 [mg/m ³]	PM4 [mg/m ³]	PM10 [mg/m ³]	8:37:13 AM	Date/Time	TOTAL [mg/m ³]	Alarms	Errors
60	0.062	0.064	0.067	0.075	8:38:13 AM	10/11/2011 8:38	0.08		
120	0.04	0.04	0.041	0.041	8:39:13 AM	10/11/2011 8:39	0.041		
180	0.037	0.037	0.037	0.038	8:40:13 AM	10/11/2011 8:40	0.038		
240	0.035	0.035	0.036	0.037	8:41:13 AM	10/11/2011 8:41	0.037		
300	0.038	0.038	0.039	0.039	8:42:13 AM	10/11/2011 8:42	0.04		
360	0.037	0.037	0.037	0.038	8:43:13 AM	10/11/2011 8:43	0.038		
420	0.033	0.033	0.033	0.034	8:44:13 AM	10/11/2011 8:44	0.034		
480	0.042	0.043	0.043	0.043	8:45:13 AM	10/11/2011 8:45	0.044		
540	0.04	0.04	0.04	0.04	8:46:13 AM	10/11/2011 8:46	0.04		
600	0.037	0.037	0.037	0.038	8:47:13 AM	10/11/2011 8:47	0.038		
660	0.031	0.031	0.031	0.031	8:48:13 AM	10/11/2011 8:48	0.031		
720	0.039	0.039	0.04	0.04	8:49:13 AM	10/11/2011 8:49	0.04		
780	0.057	0.057	0.057	0.058	8:50:13 AM	10/11/2011 8:50	0.058		
840	0.041	0.041	0.041	0.042	8:51:13 AM	10/11/2011 8:51	0.042		
900	0.033	0.033	0.033	0.034	8:52:13 AM	10/11/2011 8:52	0.034		
960	0.03	0.03	0.03	0.031	8:53:13 AM	10/11/2011 8:53	0.031		
1020	0.035	0.035	0.035	0.036	8:54:13 AM	10/11/2011 8:54	0.036		
1080	0.034	0.034	0.035	0.041	8:55:13 AM	10/11/2011 8:55	0.047		
1140	0.029	0.029	0.029	0.03	8:56:13 AM	10/11/2011 8:56	0.03		
1200	0.029	0.029	0.03	0.03	8:57:13 AM	10/11/2011 8:57	0.03		
1260	0.025	0.025	0.025	0.026	8:58:13 AM	10/11/2011 8:58	0.026		
1320	0.036	0.036	0.036	0.036	8:59:13 AM	10/11/2011 8:59	0.037		
1380	0.033	0.033	0.033	0.033	9:00:13 AM	10/11/2011 9:00	0.033		
1440	0.033	0.033	0.034	0.034	9:01:13 AM	10/11/2011 9:01	0.034		
1500	0.03	0.03	0.03	0.03	9:02:13 AM	10/11/2011 9:02	0.03		
1560	0.031	0.031	0.031	0.032	9:03:13 AM	10/11/2011 9:03	0.032		
1620	0.027	0.027	0.027	0.028	9:04:13 AM	10/11/2011 9:04	0.028		
1680	0.033	0.033	0.033	0.033	9:05:13 AM	10/11/2011 9:05	0.033		
1740	0.029	0.029	0.029	0.029	9:06:13 AM	10/11/2011 9:06	0.03		
1800	0.028	0.028	0.028	0.028	9:07:13 AM	10/11/2011 9:07	0.028		
1860	0.026	0.026	0.026	0.027	9:08:13 AM	10/11/2011 9:08	0.027		
1920	0.031	0.031	0.032	0.032	9:09:13 AM	10/11/2011 9:09	0.033		

1980	0.027	0.027	0.028	0.028	9:10:13 AM	10/11/2011 9:10	0.028
2040	0.028	0.029	0.029	0.029	9:11:13 AM	10/11/2011 9:11	0.029
2100	0.029	0.029	0.03	0.03	9:12:13 AM	10/11/2011 9:12	0.03
2160	0.028	0.028	0.029	0.029	9:13:13 AM	10/11/2011 9:13	0.029
2220	0.029	0.029	0.03	0.03	9:14:13 AM	10/11/2011 9:14	0.031
2280	0.03	0.03	0.031	0.032	9:15:13 AM	10/11/2011 9:15	0.032
2340	0.032	0.033	0.033	0.033	9:16:13 AM	10/11/2011 9:16	0.034
2400	0.031	0.032	0.032	0.032	9:17:13 AM	10/11/2011 9:17	0.032
2460	0.03	0.03	0.03	0.031	9:18:13 AM	10/11/2011 9:18	0.031
2520	0.026	0.026	0.027	0.027	9:19:13 AM	10/11/2011 9:19	0.027
2580	0.026	0.027	0.027	0.028	9:20:13 AM	10/11/2011 9:20	0.028
2640	0.029	0.029	0.029	0.029	9:21:13 AM	10/11/2011 9:21	0.03
2700	0.026	0.026	0.027	0.027	9:22:13 AM	10/11/2011 9:22	0.027
2760	0.023	0.023	0.023	0.024	9:23:13 AM	10/11/2011 9:23	0.024
2820	0.028	0.028	0.028	0.029	9:24:13 AM	10/11/2011 9:24	0.029
2880	0.029	0.03	0.03	0.031	9:25:13 AM	10/11/2011 9:25	0.031
2940	0.027	0.027	0.027	0.027	9:26:13 AM	10/11/2011 9:26	0.028
3000	0.025	0.025	0.025	0.026	9:27:13 AM	10/11/2011 9:27	0.026
3060	0.033	0.033	0.034	0.04	9:28:13 AM	10/11/2011 9:28	0.046
3120	0.03	0.031	0.031	0.032	9:29:13 AM	10/11/2011 9:29	0.032
3180	0.024	0.024	0.025	0.025	9:30:13 AM	10/11/2011 9:30	0.025
3240	0.03	0.031	0.031	0.031	9:31:13 AM	10/11/2011 9:31	0.031
3300	0.026	0.026	0.026	0.027	9:32:13 AM	10/11/2011 9:32	0.027
3360	0.024	0.024	0.024	0.024	9:33:13 AM	10/11/2011 9:33	0.024
3420	0.027	0.027	0.027	0.027	9:34:13 AM	10/11/2011 9:34	0.028
3480	0.026	0.026	0.026	0.026	9:35:13 AM	10/11/2011 9:35	0.026
3540	0.025	0.025	0.026	0.026	9:36:13 AM	10/11/2011 9:36	0.026
3600	0.021	0.022	0.022	0.022	9:37:13 AM	10/11/2011 9:37	0.022
3660	0.025	0.025	0.026	0.027	9:38:13 AM	10/11/2011 9:38	0.027
3720	0.028	0.028	0.028	0.029	9:39:13 AM	10/11/2011 9:39	0.029
3780	0.028	0.029	0.029	0.03	9:40:13 AM	10/11/2011 9:40	0.03
3840	0.025	0.025	0.025	0.026	9:41:13 AM	10/11/2011 9:41	0.026
3900	0.026	0.026	0.027	0.027	9:42:13 AM	10/11/2011 9:42	0.027
3960	0.028	0.029	0.029	0.03	9:43:13 AM	10/11/2011 9:43	0.031
4020	0.025	0.026	0.026	0.027	9:44:13 AM	10/11/2011 9:44	0.027
4080	0.027	0.027	0.028	0.03	9:45:13 AM	10/11/2011 9:45	0.032
4140	0.026	0.026	0.026	0.027	9:46:13 AM	10/11/2011 9:46	0.028
4200	0.023	0.024	0.024	0.024	9:47:13 AM	10/11/2011 9:47	0.024
4260	0.02	0.02	0.021	0.021	9:48:13 AM	10/11/2011 9:48	0.022
4320	0.021	0.021	0.021	0.021	9:49:13 AM	10/11/2011 9:49	0.021
4380	0.023	0.023	0.023	0.024	9:50:13 AM	10/11/2011 9:50	0.024
4440	0.029	0.029	0.03	0.03	9:51:13 AM	10/11/2011 9:51	0.031
4500	0.03	0.031	0.031	0.032	9:52:13 AM	10/11/2011 9:52	0.032
4560	0.032	0.033	0.033	0.034	9:53:13 AM	10/11/2011 9:53	0.034
4620	0.026	0.026	0.026	0.027	9:54:13 AM	10/11/2011 9:54	0.027
4680	0.022	0.022	0.022	0.023	9:55:13 AM	10/11/2011 9:55	0.023
4740	0.021	0.021	0.021	0.022	9:56:13 AM	10/11/2011 9:56	0.022
4800	0.025	0.025	0.025	0.025	9:57:13 AM	10/11/2011 9:57	0.025
4860	0.027	0.027	0.027	0.027	9:58:13 AM	10/11/2011 9:58	0.027
4920	0.024	0.024	0.024	0.025	9:59:13 AM	10/11/2011 9:59	0.025
4980	0.025	0.025	0.025	0.026	10:00:13 AM	10/11/2011 10:00	0.026
5040	0.023	0.023	0.024	0.024	10:01:13 AM	10/11/2011 10:01	0.025
5100	0.031	0.031	0.031	0.031	10:02:13 AM	10/11/2011 10:02	0.032
5160	0.025	0.025	0.026	0.026	10:03:13 AM	10/11/2011 10:03	0.027
5220	0.027	0.027	0.027	0.028	10:04:13 AM	10/11/2011 10:04	0.028
5280	0.027	0.027	0.027	0.027	10:05:13 AM	10/11/2011 10:05	0.027
5340	0.025	0.026	0.026	0.026	10:06:13 AM	10/11/2011 10:06	0.026
5400	0.025	0.025	0.025	0.025	10:07:13 AM	10/11/2011 10:07	0.025
5460	0.022	0.023	0.023	0.023	10:08:13 AM	10/11/2011 10:08	0.023
5520	0.02	0.02	0.021	0.021	10:09:13 AM	10/11/2011 10:09	0.021
5580	0.018	0.019	0.019	0.019	10:10:13 AM	10/11/2011 10:10	0.019
5640	0.021	0.021	0.022	0.022	10:11:13 AM	10/11/2011 10:11	0.022
5700	0.025	0.025	0.025	0.025	10:12:13 AM	10/11/2011 10:12	0.025
5760	0.025	0.025	0.025	0.027	10:13:13 AM	10/11/2011 10:13	0.027
5820	0.017	0.017	0.018	0.018	10:14:13 AM	10/11/2011 10:14	0.018
5880	0.019	0.019	0.019	0.02	10:15:13 AM	10/11/2011 10:15	0.02
5940	0.021	0.021	0.021	0.022	10:16:13 AM	10/11/2011 10:16	0.022
6000	0.023	0.023	0.024	0.024	10:17:13 AM	10/11/2011 10:17	0.024
6060	0.022	0.023	0.023	0.023	10:18:13 AM	10/11/2011 10:18	0.023

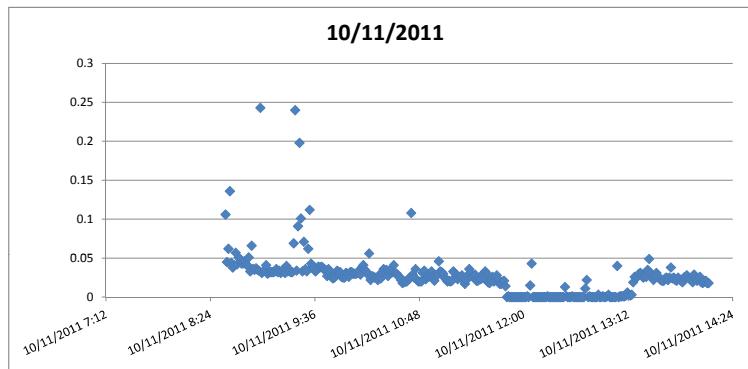
6120	0.025	0.025	0.025	0.026	10:19:13 AM	10/11/2011 10:19	0.026
6180	0.02	0.02	0.02	0.021	10:20:13 AM	10/11/2011 10:20	0.021
6240	0.021	0.022	0.022	0.023	10:21:13 AM	10/11/2011 10:21	0.023
6300	0.022	0.022	0.023	0.023	10:22:13 AM	10/11/2011 10:22	0.023
6360	0.03	0.031	0.031	0.032	10:23:13 AM	10/11/2011 10:23	0.032
6420	0.022	0.022	0.023	0.023	10:24:13 AM	10/11/2011 10:24	0.023
6480	0.022	0.022	0.022	0.022	10:25:13 AM	10/11/2011 10:25	0.022
6540	0.019	0.019	0.02	0.02	10:26:13 AM	10/11/2011 10:26	0.02
6600	0.019	0.019	0.019	0.02	10:27:13 AM	10/11/2011 10:27	0.02
6660	0.021	0.021	0.022	0.023	10:28:13 AM	10/11/2011 10:28	0.023
6720	0.02	0.02	0.02	0.021	10:29:13 AM	10/11/2011 10:29	0.021
6780	0.02	0.02	0.021	0.021	10:30:13 AM	10/11/2011 10:30	0.022
6840	0.014	0.014	0.015	0.015	10:31:13 AM	10/11/2011 10:31	0.015
6900	0.022	0.023	0.023	0.023	10:32:13 AM	10/11/2011 10:32	0.024
6960	0.024	0.024	0.025	0.026	10:33:13 AM	10/11/2011 10:33	0.026
7020	0.021	0.021	0.021	0.021	10:34:13 AM	10/11/2011 10:34	0.021
7080	0.02	0.02	0.021	0.021	10:35:13 AM	10/11/2011 10:35	0.022
7140	0.016	0.016	0.017	0.017	10:36:13 AM	10/11/2011 10:36	0.017
7200	0.014	0.014	0.015	0.015	10:37:13 AM	10/11/2011 10:37	0.015
7260	0.019	0.019	0.019	0.02	10:38:13 AM	10/11/2011 10:38	0.02
7320	0.013	0.013	0.013	0.013	10:39:13 AM	10/11/2011 10:39	0.013
7380	0.014	0.014	0.014	0.015	10:40:13 AM	10/11/2011 10:40	0.015
7440	0.015	0.015	0.015	0.016	10:41:13 AM	10/11/2011 10:41	0.016
7500	0.018	0.018	0.018	0.019	10:42:13 AM	10/11/2011 10:42	0.019
7560	0.017	0.017	0.018	0.018	10:43:13 AM	10/11/2011 10:43	0.018
7620	0.022	0.022	0.022	0.022	10:44:13 AM	10/11/2011 10:44	0.022
7680	0.019	0.019	0.02	0.02	10:45:13 AM	10/11/2011 10:45	0.02
7740	0.015	0.015	0.016	0.016	10:46:13 AM	10/11/2011 10:46	0.016
7800	0.013	0.014	0.014	0.015	10:47:13 AM	10/11/2011 10:47	0.015
7860	0.015	0.015	0.016	0.016	10:48:13 AM	10/11/2011 10:48	0.016
7920	0.021	0.021	0.022	0.023	10:49:13 AM	10/11/2011 10:49	0.023
7980	0.019	0.02	0.02	0.02	10:50:13 AM	10/11/2011 10:50	0.02
8040	0.024	0.025	0.026	0.027	10:51:13 AM	10/11/2011 10:51	0.027
8100	0.018	0.019	0.019	0.021	10:52:13 AM	10/11/2011 10:52	0.021
8160	0.021	0.021	0.022	0.022	10:53:13 AM	10/11/2011 10:53	0.022
8220	0.018	0.018	0.018	0.019	10:54:13 AM	10/11/2011 10:54	0.019
8280	0.013	0.013	0.013	0.014	10:55:13 AM	10/11/2011 10:55	0.014
8340	0.015	0.015	0.015	0.016	10:56:13 AM	10/11/2011 10:56	0.016
8400	0.016	0.016	0.016	0.017	10:57:13 AM	10/11/2011 10:57	0.017
8460	0.019	0.019	0.019	0.02	10:58:13 AM	10/11/2011 10:58	0.02
8520	0.019	0.019	0.02	0.02	10:59:13 AM	10/11/2011 10:59	0.02
8580	0.017	0.017	0.017	0.018	11:00:13 AM	10/11/2011 11:00	0.018
8640	0.019	0.019	0.02	0.02	11:01:13 AM	10/11/2011 11:01	0.02
8700	0.016	0.016	0.016	0.017	11:02:13 AM	10/11/2011 11:02	0.017
8760	0.017	0.017	0.017	0.017	11:03:13 AM	10/11/2011 11:03	0.017
8820	0.015	0.015	0.015	0.016	11:04:13 AM	10/11/2011 11:04	0.016
8880	0.013	0.013	0.013	0.014	11:05:13 AM	10/11/2011 11:05	0.014
8940	0.013	0.013	0.013	0.013	11:06:13 AM	10/11/2011 11:06	0.013
9000	0.02	0.02	0.02	0.021	11:07:13 AM	10/11/2011 11:07	0.021
9060	0.01	0.01	0.01	0.01	11:08:13 AM	10/11/2011 11:08	0.01
9120	0.012	0.013	0.013	0.013	11:09:13 AM	10/11/2011 11:09	0.014
9180	0.011	0.012	0.012	0.013	11:10:13 AM	10/11/2011 11:10	0.013
9240	0.013	0.013	0.013	0.014	11:11:13 AM	10/11/2011 11:11	0.014
9300	0.017	0.018	0.018	0.019	11:12:13 AM	10/11/2011 11:12	0.019
9360	0.011	0.011	0.011	0.012	11:13:13 AM	10/11/2011 11:13	0.012
9420	0.012	0.012	0.012	0.013	11:14:13 AM	10/11/2011 11:14	0.013
9480	0.015	0.015	0.015	0.015	11:15:13 AM	10/11/2011 11:15	0.016
9540	0.019	0.019	0.02	0.02	11:16:13 AM	10/11/2011 11:16	0.02
9600	0.019	0.019	0.019	0.021	11:17:13 AM	10/11/2011 11:17	0.021
9660	0.015	0.015	0.015	0.016	11:18:13 AM	10/11/2011 11:18	0.016
9720	0.012	0.012	0.012	0.013	11:19:13 AM	10/11/2011 11:19	0.013
9780	0.014	0.014	0.015	0.015	11:20:13 AM	10/11/2011 11:20	0.015
9840	0.026	0.027	0.028	0.031	11:21:13 AM	10/11/2011 11:21	0.031
9900	0.021	0.022	0.022	0.024	11:22:13 AM	10/11/2011 11:22	0.024
9960	0.018	0.018	0.018	0.02	11:23:13 AM	10/11/2011 11:23	0.02
10020	0.021	0.021	0.021	0.022	11:24:13 AM	10/11/2011 11:24	0.022
10080	0.014	0.014	0.014	0.015	11:25:13 AM	10/11/2011 11:25	0.015
10140	0.017	0.017	0.017	0.018	11:26:13 AM	10/11/2011 11:26	0.018
10200	0.012	0.012	0.012	0.013	11:27:13 AM	10/11/2011 11:27	0.013

10260	0.011	0.011	0.011	0.012	11:28:13 AM	10/11/2011 11:28	0.012
10320	0.014	0.014	0.014	0.015	11:29:13 AM	10/11/2011 11:29	0.016
10380	0.019	0.019	0.02	0.02	11:30:13 AM	10/11/2011 11:30	0.021
10440	0.017	0.017	0.017	0.018	11:31:13 AM	10/11/2011 11:31	0.018
10500	0.017	0.017	0.017	0.018	11:32:13 AM	10/11/2011 11:32	0.018
10560	0.015	0.016	0.016	0.017	11:33:13 AM	10/11/2011 11:33	0.017
10620	0.016	0.017	0.017	0.018	11:34:13 AM	10/11/2011 11:34	0.018
10680	0.015	0.015	0.016	0.016	11:35:13 AM	10/11/2011 11:35	0.016
10740	0.012	0.012	0.012	0.013	11:36:13 AM	10/11/2011 11:36	0.013
10800	0.016	0.016	0.016	0.017	11:37:13 AM	10/11/2011 11:37	0.017
10860	0.019	0.019	0.019	0.02	11:38:13 AM	10/11/2011 11:38	0.02
10920	0.017	0.017	0.017	0.018	11:39:13 AM	10/11/2011 11:39	0.018
10980	0.018	0.018	0.018	0.019	11:40:13 AM	10/11/2011 11:40	0.019
11040	0.018	0.019	0.019	0.019	11:41:13 AM	10/11/2011 11:41	0.019
11100	0.011	0.011	0.011	0.012	11:42:13 AM	10/11/2011 11:42	0.012
11160	0.01	0.01	0.01	0.011	11:43:13 AM	10/11/2011 11:43	0.011
11220	0.009	0.009	0.009	0.009	11:44:13 AM	10/11/2011 11:44	0.009
11280	0.009	0.009	0.009	0.009	11:45:13 AM	10/11/2011 11:45	0.009
11340	0.009	0.009	0.01	0.01	11:46:13 AM	10/11/2011 11:46	0.01
11400	0.01	0.01	0.01	0.01	11:47:13 AM	10/11/2011 11:47	0.01
11460	0.01	0.011	0.011	0.011	11:48:13 AM	10/11/2011 11:48	0.011
11520	0.011	0.011	0.012	0.012	11:49:13 AM	10/11/2011 11:49	0.013
11580	0.014	0.014	0.015	0.017	11:50:13 AM	10/11/2011 11:50	0.017
11640	0.02	0.02	0.02	0.021	11:51:13 AM	10/11/2011 11:51	0.021
11700	0.012	0.012	0.012	0.013	11:52:13 AM	10/11/2011 11:52	0.013
11760	0.012	0.012	0.012	0.013	11:53:13 AM	10/11/2011 11:53	0.013
11820	0.015	0.015	0.016	0.017	11:54:13 AM	10/11/2011 11:54	0.017
11880	0.015	0.015	0.015	0.016	11:55:13 AM	10/11/2011 11:55	0.016
11940	0.01	0.01	0.01	0.011	11:56:13 AM	10/11/2011 11:56	0.011
12000	0.008	0.008	0.008	0.009	11:57:13 AM	10/11/2011 11:57	0.009
12060	0.009	0.009	0.01	0.01	11:58:13 AM	10/11/2011 11:58	0.01
12120	0.009	0.009	0.009	0.009	11:59:13 AM	10/11/2011 11:59	0.009
12180	0.01	0.01	0.011	0.011	12:00:13 PM	10/11/2011 12:00	0.011
12240	0.009	0.009	0.009	0.01	12:01:13 PM	10/11/2011 12:01	0.01
12300	0.009	0.009	0.009	0.01	12:02:13 PM	10/11/2011 12:02	0.01
12360	0.009	0.009	0.009	0.01	12:03:13 PM	10/11/2011 12:03	0.01
12420	0.009	0.009	0.01	0.01	12:04:13 PM	10/11/2011 12:04	0.01
12480	0.01	0.01	0.01	0.011	12:05:13 PM	10/11/2011 12:05	0.011
12540	0.011	0.011	0.011	0.012	12:06:13 PM	10/11/2011 12:06	0.012
12600	0.01	0.01	0.01	0.011	12:07:13 PM	10/11/2011 12:07	0.011
12660	0.01	0.011	0.011	0.012	12:08:13 PM	10/11/2011 12:08	0.012
12720	0.01	0.011	0.011	0.012	12:09:13 PM	10/11/2011 12:09	0.012
12780	0.01	0.011	0.011	0.012	12:10:13 PM	10/11/2011 12:10	0.012
12840	0.009	0.009	0.01	0.01	12:11:13 PM	10/11/2011 12:11	0.01
12900	0.01	0.01	0.011	0.011	12:12:13 PM	10/11/2011 12:12	0.011
12960	0.009	0.009	0.009	0.01	12:13:13 PM	10/11/2011 12:13	0.01
13020	0.009	0.009	0.009	0.009	12:14:13 PM	10/11/2011 12:14	0.009
13080	0.01	0.01	0.011	0.011	12:15:13 PM	10/11/2011 12:15	0.012
13140	0.009	0.01	0.01	0.01	12:16:13 PM	10/11/2011 12:16	0.01
13200	0.009	0.009	0.01	0.01	12:17:13 PM	10/11/2011 12:17	0.01
13260	0.009	0.009	0.009	0.01	12:18:13 PM	10/11/2011 12:18	0.01
13320	0.009	0.009	0.01	0.01	12:19:13 PM	10/11/2011 12:19	0.011
13380	0.01	0.01	0.01	0.011	12:20:13 PM	10/11/2011 12:20	0.011
13440	0.011	0.011	0.011	0.012	12:21:13 PM	10/11/2011 12:21	0.012
13500	0.011	0.011	0.012	0.012	12:22:13 PM	10/11/2011 12:22	0.012
13560	0.01	0.01	0.011	0.011	12:23:13 PM	10/11/2011 12:23	0.011
13620	0.01	0.01	0.01	0.011	12:24:13 PM	10/11/2011 12:24	0.011
13680	0.009	0.009	0.009	0.01	12:25:13 PM	10/11/2011 12:25	0.01
13740	0.01	0.01	0.01	0.01	12:26:13 PM	10/11/2011 12:26	0.01
13800	0.01	0.01	0.011	0.011	12:27:13 PM	10/11/2011 12:27	0.011
13860	0.01	0.01	0.01	0.01	12:28:13 PM	10/11/2011 12:28	0.01
13920	0.034	0.034	0.034	0.035	12:29:13 PM	10/11/2011 12:29	0.035
13980	0.01	0.01	0.01	0.011	12:30:13 PM	10/11/2011 12:30	0.011
14040	0.012	0.012	0.012	0.013	12:31:13 PM	10/11/2011 12:31	0.013
14100	0.011	0.011	0.011	0.012	12:32:13 PM	10/11/2011 12:32	0.012
14160	0.011	0.012	0.012	0.013	12:33:13 PM	10/11/2011 12:33	0.013
14220	0.016	0.016	0.016	0.017	12:34:13 PM	10/11/2011 12:34	0.017
14280	0.012	0.012	0.013	0.013	12:35:13 PM	10/11/2011 12:35	0.013
14340	0.012	0.012	0.012	0.013	12:36:13 PM	10/11/2011 12:36	0.013

14400	0.013	0.014	0.014	0.014	12:37:13 PM	10/11/2011 12:37	0.014
14460	0.012	0.012	0.012	0.012	12:38:13 PM	10/11/2011 12:38	0.012
14520	0.009	0.009	0.01	0.01	12:39:13 PM	10/11/2011 12:39	0.01
14580	0.009	0.009	0.009	0.01	12:40:13 PM	10/11/2011 12:40	0.01
14640	0.01	0.01	0.011	0.012	12:41:13 PM	10/11/2011 12:41	0.012
14700	0.009	0.009	0.009	0.01	12:42:13 PM	10/11/2011 12:42	0.01
14760	0.015	0.015	0.015	0.016	12:43:13 PM	10/11/2011 12:43	0.016
14820	0.021	0.021	0.022	0.023	12:44:13 PM	10/11/2011 12:44	0.023
14880	0.014	0.014	0.015	0.016	12:45:13 PM	10/11/2011 12:45	0.017
14940	0.015	0.015	0.016	0.016	12:46:13 PM	10/11/2011 12:46	0.016
15000	0.022	0.022	0.022	0.023	12:47:13 PM	10/11/2011 12:47	0.023
15060	0.016	0.016	0.017	0.018	12:48:13 PM	10/11/2011 12:48	0.018
15120	0.014	0.015	0.015	0.016	12:49:13 PM	10/11/2011 12:49	0.016
15180	0.013	0.013	0.013	0.014	12:50:13 PM	10/11/2011 12:50	0.014
15240	0.015	0.016	0.016	0.017	12:51:13 PM	10/11/2011 12:51	0.017
15300	0.018	0.018	0.018	0.019	12:52:13 PM	10/11/2011 12:52	0.019
15360	0.016	0.016	0.017	0.017	12:53:13 PM	10/11/2011 12:53	0.017
15420	0.017	0.017	0.017	0.018	12:54:13 PM	10/11/2011 12:54	0.018
15480	0.013	0.014	0.014	0.014	12:55:13 PM	10/11/2011 12:55	0.014
15540	0.011	0.011	0.011	0.012	12:56:13 PM	10/11/2011 12:56	0.012
15600	0.013	0.013	0.013	0.014	12:57:13 PM	10/11/2011 12:57	0.014
15660	0.019	0.019	0.019	0.02	12:58:13 PM	10/11/2011 12:58	0.02
15720	0.017	0.018	0.018	0.019	12:59:13 PM	10/11/2011 12:59	0.019
15780	0.021	0.021	0.021	0.022	1:00:13 PM	10/11/2011 13:00	0.022
15840	0.02	0.02	0.02	0.021	1:01:13 PM	10/11/2011 13:01	0.021
15900	0.018	0.018	0.018	0.019	1:02:13 PM	10/11/2011 13:02	0.019
15960	0.017	0.017	0.018	0.018	1:03:13 PM	10/11/2011 13:03	0.018
16020	0.019	0.019	0.019	0.02	1:04:13 PM	10/11/2011 13:04	0.02
16080	0.016	0.017	0.017	0.017	1:05:13 PM	10/11/2011 13:05	0.017
16140	0.012	0.012	0.013	0.014	1:06:13 PM	10/11/2011 13:06	0.014
16200	0.012	0.012	0.012	0.013	1:07:13 PM	10/11/2011 13:07	0.013
16260	0.014	0.014	0.014	0.015	1:08:13 PM	10/11/2011 13:08	0.015
16320	0.017	0.017	0.018	0.018	1:09:13 PM	10/11/2011 13:09	0.018
16380	0.015	0.015	0.016	0.016	1:10:13 PM	10/11/2011 13:10	0.016
16440	0.014	0.015	0.015	0.016	1:11:13 PM	10/11/2011 13:11	0.016
16500	0.016	0.017	0.017	0.019	1:12:13 PM	10/11/2011 13:12	0.019
16560	0.017	0.017	0.018	0.019	1:13:13 PM	10/11/2011 13:13	0.019
16620	0.015	0.015	0.016	0.016	1:14:13 PM	10/11/2011 13:14	0.016
16680	0.016	0.016	0.016	0.017	1:15:13 PM	10/11/2011 13:15	0.017
16740	0.014	0.014	0.014	0.015	1:16:13 PM	10/11/2011 13:16	0.015
16800	0.012	0.013	0.013	0.013	1:17:13 PM	10/11/2011 13:17	0.013
16860	0.014	0.015	0.015	0.015	1:18:13 PM	10/11/2011 13:18	0.015
16920	0.018	0.018	0.019	0.019	1:19:13 PM	10/11/2011 13:19	0.019
16980	0.019	0.019	0.02	0.021	1:20:13 PM	10/11/2011 13:20	0.021
17040	0.016	0.016	0.017	0.017	1:21:13 PM	10/11/2011 13:21	0.018
17100	0.014	0.015	0.015	0.016	1:22:13 PM	10/11/2011 13:22	0.016
17160	0.014	0.014	0.015	0.015	1:23:13 PM	10/11/2011 13:23	0.016
17220	0.013	0.013	0.013	0.014	1:24:13 PM	10/11/2011 13:24	0.014
17280	0.02	0.021	0.022	0.025	1:25:13 PM	10/11/2011 13:25	0.026
17340	0.016	0.016	0.017	0.019	1:26:13 PM	10/11/2011 13:26	0.019
17400	0.014	0.015	0.015	0.017	1:27:13 PM	10/11/2011 13:27	0.017
17460	0.015	0.015	0.016	0.016	1:28:13 PM	10/11/2011 13:28	0.016
17520	0.02	0.02	0.021	0.022	1:29:13 PM	10/11/2011 13:29	0.022
17580	0.016	0.016	0.016	0.017	1:30:13 PM	10/11/2011 13:30	0.017
17640	0.016	0.016	0.016	0.017	1:31:13 PM	10/11/2011 13:31	0.017
17700	0.016	0.017	0.018	0.021	1:32:13 PM	10/11/2011 13:32	0.021
17760	0.016	0.016	0.016	0.017	1:33:13 PM	10/11/2011 13:33	0.019
17820	0.011	0.011	0.011	0.012	1:34:13 PM	10/11/2011 13:34	0.012
17880	0.011	0.011	0.011	0.012	1:35:13 PM	10/11/2011 13:35	0.012
17940	0.014	0.014	0.014	0.016	1:36:13 PM	10/11/2011 13:36	0.016
18000	0.012	0.012	0.012	0.013	1:37:13 PM	10/11/2011 13:37	0.013
18060	0.016	0.017	0.017	0.018	1:38:13 PM	10/11/2011 13:38	0.018
18120	0.014	0.014	0.014	0.016	1:39:13 PM	10/11/2011 13:39	0.016
18180	0.015	0.015	0.016	0.017	1:40:13 PM	10/11/2011 13:40	0.017
18240	0.015	0.015	0.016	0.017	1:41:13 PM	10/11/2011 13:41	0.018
18300	0.014	0.014	0.014	0.015	1:42:13 PM	10/11/2011 13:42	0.015
18360	0.013	0.013	0.013	0.014	1:43:13 PM	10/11/2011 13:43	0.014
18420	0.012	0.012	0.013	0.014	1:44:13 PM	10/11/2011 13:44	0.014
18480	0.012	0.012	0.013	0.014	1:45:13 PM	10/11/2011 13:45	0.014

18540	0.012	0.012	0.012	0.014	1:46:13 PM	10/11/2011 13:46	0.014
18600	0.014	0.014	0.014	0.015	1:47:13 PM	10/11/2011 13:47	0.016
18660	0.018	0.018	0.018	0.019	1:48:13 PM	10/11/2011 13:48	0.02
18720	0.015	0.016	0.016	0.017	1:49:13 PM	10/11/2011 13:49	0.018
18780	0.019	0.019	0.02	0.021	1:50:13 PM	10/11/2011 13:50	0.022
18840	0.025	0.025	0.026	0.027	1:51:13 PM	10/11/2011 13:51	0.027
18900	0.017	0.017	0.017	0.019	1:52:13 PM	10/11/2011 13:52	0.019
18960	0.014	0.015	0.015	0.017	1:53:13 PM	10/11/2011 13:53	0.017
19020	0.017	0.017	0.017	0.018	1:54:13 PM	10/11/2011 13:54	0.018
19080	0.015	0.016	0.016	0.017	1:55:13 PM	10/11/2011 13:55	0.018
19140	0.016	0.016	0.017	0.018	1:56:13 PM	10/11/2011 13:56	0.018
19200	0.014	0.014	0.014	0.015	1:57:13 PM	10/11/2011 13:57	0.015
19260	0.014	0.014	0.015	0.015	1:58:13 PM	10/11/2011 13:58	0.015
19320	0.017	0.017	0.017	0.019	1:59:13 PM	10/11/2011 13:59	0.019
19380	0.016	0.016	0.016	0.018	2:00:13 PM	10/11/2011 14:00	0.018
19440	0.017	0.017	0.018	0.019	2:01:13 PM	10/11/2011 14:01	0.019
19500	0.019	0.019	0.02	0.023	2:02:13 PM	10/11/2011 14:02	0.025
19560	0.013	0.013	0.014	0.015	2:03:13 PM	10/11/2011 14:03	0.015
19620	0.013	0.013	0.013	0.014	2:04:13 PM	10/11/2011 14:04	0.014
19680	0.011	0.011	0.011	0.012	2:05:13 PM	10/11/2011 14:05	0.012
19740	0.011	0.011	0.011	0.011	2:06:13 PM	10/11/2011 14:06	0.011
19800	0.011	0.011	0.012	0.012	2:07:13 PM	10/11/2011 14:07	0.013
19860	0.01	0.01	0.01	0.011	2:08:13 PM	10/11/2011 14:08	0.011
19920	0.012	0.012	0.012	0.013	2:09:13 PM	10/11/2011 14:09	0.013

Instrument Name DustTrak DRX
 Model Number 8533
 Serial Number 8533112903
 Firmware Version 2.8
 Calibration Date 7/18/2011
 Test Name MANUAL_006
 Test Start Time 8:33:20
 Test Start Date 10/11/2011
 Test Length [D:H:M] 0:05:34
 Test Interval [M:S] 1:00
 PM1 Average [mg/m³] 0.02
 PM1 Minimum [mg/m³] 0
 PM1 Maximum [mg/m³] 0.12
 PM1 TWA [mg/m³] 0.014
 PM2.5 Average [mg/m³] 0.021
 PM2.5 Minimum [mg/m³] 0
 PM2.5 Maximum [mg/m³] 0.134
 PM2.5 TWA [mg/m³] 0.015
 PM4 Average [mg/m³] 0.022
 PM4 Minimum [mg/m³] 0
 PM4 Maximum [mg/m³] 0.163
 PM4 TWA [mg/m³] 0.015
 PM10 Average [mg/m³] 0.025
 PM10 Minimum [mg/m³] 0
 PM10 Maximum [mg/m³] 0.229
 PM10 TWA [mg/m³] 0.017
 TOTAL Average [mg/m³] 0.026
 TOTAL Minimum [mg/m³] 0
 TOTAL Maximum [mg/m³] 0.243
 TOTAL TWA [mg/m³] 0.018
 Photometric User Cal 1
 Size Correction User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 334



Elapsed Time [s]	PM1 [mg/m ³]	PM2.5 [mg/m ³]	PM4 [mg/m ³]	PM10 [mg/m ³]	8:33:20 Time/Date	TOTAL [mg/m ³]	Alarms	Errors
60	0.058	0.059	0.061	0.082	8:34:20 10/11/2011 8:34	0.106		
120	0.039	0.04	0.041	0.044	8:35:20 10/11/2011 8:35	0.045		
180	0.055	0.055	0.057	0.061	8:36:20 10/11/2011 8:36	0.062		
240	0.089	0.097	0.109	0.133	8:37:20 10/11/2011 8:37	0.136		
300	0.037	0.038	0.04	0.044	8:38:20 10/11/2011 8:38	0.044		
360	0.034	0.034	0.035	0.037	8:39:20 10/11/2011 8:39	0.038		
420	0.036	0.036	0.037	0.04	8:40:20 10/11/2011 8:40	0.041		
480	0.045	0.047	0.051	0.056	8:41:20 10/11/2011 8:41	0.057		
540	0.038	0.039	0.04	0.042	8:42:20 10/11/2011 8:42	0.042		
600	0.046	0.046	0.047	0.05	8:43:20 10/11/2011 8:43	0.051		
660	0.044	0.044	0.045	0.048	8:44:20 10/11/2011 8:44	0.049		
720	0.039	0.039	0.04	0.043	8:45:20 10/11/2011 8:45	0.043		
780	0.035	0.035	0.037	0.041	8:46:20 10/11/2011 8:46	0.043		
840	0.039	0.04	0.041	0.044	8:47:20 10/11/2011 8:47	0.046		
900	0.037	0.038	0.038	0.04	8:48:20 10/11/2011 8:48	0.042		
960	0.037	0.037	0.038	0.04	8:49:20 10/11/2011 8:49	0.041		
1020	0.045	0.045	0.046	0.049	8:50:20 10/11/2011 8:50	0.051		
1080	0.03	0.031	0.031	0.033	8:51:20 10/11/2011 8:51	0.033		
1140	0.044	0.044	0.046	0.056	8:52:20 10/11/2011 8:52	0.066		
1200	0.031	0.032	0.032	0.034	8:53:20 10/11/2011 8:53	0.036		
1260	0.031	0.031	0.032	0.035	8:54:20 10/11/2011 8:54	0.035		
1320	0.032	0.033	0.034	0.035	8:55:20 10/11/2011 8:55	0.037		
1380	0.03	0.03	0.031	0.033	8:56:20 10/11/2011 8:56	0.035		
1440	0.028	0.029	0.03	0.032	8:57:20 10/11/2011 8:57	0.034		
1500	0.099	0.106	0.132	0.229	8:58:20 10/11/2011 8:58	0.243		
1560	0.028	0.028	0.029	0.031	8:59:20 10/11/2011 8:59	0.031		
1620	0.028	0.029	0.029	0.033	9:00:20 10/11/2011 9:00	0.033		
1680	0.032	0.032	0.033	0.034	9:01:20 10/11/2011 9:01	0.035		
1740	0.034	0.035	0.036	0.04	9:02:20 10/11/2011 9:02	0.041		
1800	0.027	0.027	0.028	0.03	9:03:20 10/11/2011 9:03	0.03		
1860	0.029	0.029	0.03	0.031	9:04:20 10/11/2011 9:04	0.032		
1920	0.029	0.029	0.03	0.032	9:05:20 10/11/2011 9:05	0.032		

1980	0.028	0.028	0.029	0.031	9:06:20	10/11/2011 9:06	0.032
2040	0.027	0.027	0.028	0.031	9:07:20	10/11/2011 9:07	0.032
2100	0.03	0.03	0.031	0.032	9:08:20	10/11/2011 9:08	0.033
2160	0.032	0.033	0.034	0.036	9:09:20	10/11/2011 9:09	0.036
2220	0.029	0.029	0.03	0.031	9:10:20	10/11/2011 9:10	0.032
2280	0.029	0.029	0.03	0.033	9:11:20	10/11/2011 9:11	0.034
2340	0.028	0.028	0.029	0.031	9:12:20	10/11/2011 9:12	0.031
2400	0.029	0.03	0.031	0.033	9:13:20	10/11/2011 9:13	0.033
2460	0.031	0.032	0.033	0.035	9:14:20	10/11/2011 9:14	0.036
2520	0.027	0.028	0.028	0.031	9:15:20	10/11/2011 9:15	0.031
2580	0.036	0.037	0.037	0.039	9:16:20	10/11/2011 9:16	0.04
2640	0.03	0.031	0.032	0.033	9:17:20	10/11/2011 9:17	0.033
2700	0.032	0.033	0.033	0.035	9:18:20	10/11/2011 9:18	0.035
2760	0.027	0.028	0.028	0.031	9:19:20	10/11/2011 9:19	0.032
2820	0.027	0.027	0.029	0.031	9:20:20	10/11/2011 9:20	0.032
2880	0.049	0.052	0.056	0.066	9:21:20	10/11/2011 9:21	0.069
2940	0.12	0.134	0.163	0.229	9:22:20	10/11/2011 9:22	0.24
3000	0.029	0.03	0.031	0.033	9:23:20	10/11/2011 9:23	0.034
3060	0.083	0.084	0.086	0.091	9:24:20	10/11/2011 9:24	0.091
3120	0.116	0.127	0.15	0.194	9:25:20	10/11/2011 9:25	0.198
3180	0.069	0.075	0.084	0.1	9:26:20	10/11/2011 9:26	0.101
3240	0.029	0.029	0.031	0.033	9:27:20	10/11/2011 9:27	0.033
3300	0.059	0.06	0.062	0.07	9:28:20	10/11/2011 9:28	0.071
3360	0.029	0.029	0.031	0.035	9:29:20	10/11/2011 9:29	0.036
3420	0.029	0.029	0.03	0.033	9:30:20	10/11/2011 9:30	0.033
3480	0.04	0.042	0.046	0.059	9:31:20	10/11/2011 9:31	0.062
3540	0.058	0.062	0.071	0.106	9:32:20	10/11/2011 9:32	0.112
3600	0.034	0.035	0.037	0.042	9:33:20	10/11/2011 9:33	0.043
3660	0.031	0.032	0.034	0.039	9:34:20	10/11/2011 9:34	0.039
3720	0.031	0.031	0.032	0.036	9:35:20	10/11/2011 9:35	0.037
3780	0.03	0.03	0.031	0.033	9:36:20	10/11/2011 9:36	0.033
3840	0.031	0.031	0.032	0.035	9:37:20	10/11/2011 9:37	0.035
3900	0.033	0.033	0.034	0.037	9:38:20	10/11/2011 9:38	0.039
3960	0.033	0.034	0.035	0.038	9:39:20	10/11/2011 9:39	0.038
4020	0.034	0.035	0.036	0.038	9:40:20	10/11/2011 9:40	0.039
4080	0.033	0.034	0.034	0.036	9:41:20	10/11/2011 9:41	0.038
4140	0.029	0.029	0.03	0.034	9:42:20	10/11/2011 9:42	0.035
4200	0.029	0.029	0.03	0.035	9:43:20	10/11/2011 9:43	0.035
4260	0.023	0.024	0.025	0.027	9:44:20	10/11/2011 9:44	0.027
4320	0.031	0.032	0.033	0.035	9:45:20	10/11/2011 9:45	0.036
4380	0.025	0.025	0.027	0.03	9:46:20	10/11/2011 9:46	0.032
4440	0.022	0.023	0.024	0.025	9:47:20	10/11/2011 9:47	0.026
4500	0.022	0.022	0.023	0.024	9:48:20	10/11/2011 9:48	0.024
4560	0.022	0.023	0.023	0.024	9:49:20	10/11/2011 9:49	0.025
4620	0.026	0.026	0.027	0.029	9:50:20	10/11/2011 9:50	0.03
4680	0.03	0.03	0.031	0.033	9:51:20	10/11/2011 9:51	0.034
4740	0.026	0.026	0.027	0.029	9:52:20	10/11/2011 9:52	0.03
4800	0.029	0.029	0.03	0.032	9:53:20	10/11/2011 9:53	0.032
4860	0.023	0.023	0.024	0.026	9:54:20	10/11/2011 9:54	0.026
4920	0.022	0.022	0.023	0.025	9:55:20	10/11/2011 9:55	0.025
4980	0.023	0.023	0.024	0.025	9:56:20	10/11/2011 9:56	0.025
5040	0.028	0.028	0.029	0.03	9:57:20	10/11/2011 9:57	0.031
5100	0.026	0.027	0.027	0.029	9:58:20	10/11/2011 9:58	0.03
5160	0.023	0.024	0.024	0.026	9:59:20	10/11/2011 9:59	0.026
5220	0.029	0.029	0.03	0.031	10:00:20	10/11/2011 10:00	0.032
5280	0.028	0.029	0.03	0.031	10:01:20	10/11/2011 10:01	0.032
5340	0.027	0.028	0.028	0.03	10:02:20	10/11/2011 10:02	0.03
5400	0.026	0.026	0.027	0.03	10:03:20	10/11/2011 10:03	0.03
5460	0.027	0.027	0.028	0.029	10:04:20	10/11/2011 10:04	0.03
5520	0.028	0.028	0.029	0.031	10:05:20	10/11/2011 10:05	0.031
5580	0.03	0.031	0.032	0.034	10:06:20	10/11/2011 10:06	0.034
5640	0.026	0.027	0.028	0.029	10:07:20	10/11/2011 10:07	0.029
5700	0.033	0.033	0.035	0.037	10:08:20	10/11/2011 10:08	0.038
5760	0.03	0.032	0.033	0.039	10:09:20	10/11/2011 10:09	0.041
5820	0.028	0.029	0.03	0.034	10:10:20	10/11/2011 10:10	0.035
5880	0.027	0.028	0.029	0.032	10:11:20	10/11/2011 10:11	0.033
5940	0.025	0.026	0.027	0.029	10:12:20	10/11/2011 10:12	0.029
6000	0.046	0.046	0.048	0.054	10:13:20	10/11/2011 10:13	0.056
6060	0.019	0.019	0.02	0.022	10:14:20	10/11/2011 10:14	0.022

6120	0.024	0.024	0.025	0.027	10:15:20	10/11/2011	10:15	0.027
6180	0.023	0.023	0.024	0.026	10:16:20	10/11/2011	10:16	0.026
6240	0.022	0.023	0.023	0.024	10:17:20	10/11/2011	10:17	0.025
6300	0.023	0.023	0.024	0.025	10:18:20	10/11/2011	10:18	0.025
6360	0.019	0.02	0.02	0.022	10:19:20	10/11/2011	10:19	0.022
6420	0.023	0.023	0.024	0.027	10:20:20	10/11/2011	10:20	0.028
6480	0.021	0.021	0.022	0.023	10:21:20	10/11/2011	10:21	0.024
6540	0.025	0.025	0.027	0.031	10:22:20	10/11/2011	10:22	0.032
6600	0.028	0.029	0.03	0.035	10:23:20	10/11/2011	10:23	0.036
6660	0.031	0.031	0.032	0.034	10:24:20	10/11/2011	10:24	0.034
6720	0.032	0.033	0.033	0.035	10:25:20	10/11/2011	10:25	0.035
6780	0.025	0.025	0.026	0.027	10:26:20	10/11/2011	10:26	0.027
6840	0.029	0.029	0.03	0.033	10:27:20	10/11/2011	10:27	0.034
6900	0.025	0.026	0.027	0.031	10:28:20	10/11/2011	10:28	0.035
6960	0.029	0.029	0.03	0.032	10:29:20	10/11/2011	10:29	0.032
7020	0.03	0.031	0.033	0.04	10:30:20	10/11/2011	10:30	0.041
7080	0.024	0.024	0.026	0.031	10:31:20	10/11/2011	10:31	0.031
7140	0.026	0.026	0.027	0.03	10:32:20	10/11/2011	10:32	0.03
7200	0.023	0.023	0.024	0.026	10:33:20	10/11/2011	10:33	0.027
7260	0.023	0.023	0.024	0.025	10:34:20	10/11/2011	10:34	0.026
7320	0.018	0.019	0.019	0.021	10:35:20	10/11/2011	10:35	0.022
7380	0.015	0.015	0.016	0.017	10:36:20	10/11/2011	10:36	0.018
7440	0.017	0.017	0.018	0.019	10:37:20	10/11/2011	10:37	0.019
7500	0.017	0.018	0.018	0.02	10:38:20	10/11/2011	10:38	0.02
7560	0.017	0.017	0.018	0.019	10:39:20	10/11/2011	10:39	0.02
7620	0.02	0.02	0.021	0.023	10:40:20	10/11/2011	10:40	0.023
7680	0.02	0.021	0.022	0.025	10:41:20	10/11/2011	10:41	0.025
7740	0.066	0.066	0.069	0.093	10:42:20	10/11/2011	10:42	0.108
7800	0.024	0.025	0.026	0.028	10:43:20	10/11/2011	10:43	0.029
7860	0.023	0.023	0.024	0.025	10:44:20	10/11/2011	10:44	0.025
7920	0.028	0.029	0.031	0.035	10:45:20	10/11/2011	10:45	0.036
7980	0.018	0.018	0.019	0.021	10:46:20	10/11/2011	10:46	0.022
8040	0.016	0.017	0.017	0.019	10:47:20	10/11/2011	10:47	0.02
8100	0.017	0.018	0.018	0.02	10:48:20	10/11/2011	10:48	0.02
8160	0.017	0.018	0.018	0.02	10:49:20	10/11/2011	10:49	0.02
8220	0.026	0.027	0.028	0.031	10:50:20	10/11/2011	10:50	0.031
8280	0.025	0.026	0.028	0.032	10:51:20	10/11/2011	10:51	0.034
8340	0.019	0.02	0.021	0.023	10:52:20	10/11/2011	10:52	0.023
8400	0.023	0.023	0.024	0.025	10:53:20	10/11/2011	10:53	0.026
8460	0.022	0.022	0.023	0.025	10:54:20	10/11/2011	10:54	0.026
8520	0.024	0.025	0.026	0.028	10:55:20	10/11/2011	10:55	0.029
8580	0.026	0.026	0.028	0.032	10:56:20	10/11/2011	10:56	0.033
8640	0.022	0.023	0.023	0.026	10:57:20	10/11/2011	10:57	0.026
8700	0.019	0.019	0.02	0.021	10:58:20	10/11/2011	10:58	0.021
8760	0.024	0.025	0.025	0.027	10:59:20	10/11/2011	10:59	0.028
8820	0.025	0.025	0.026	0.027	11:00:20	10/11/2011	11:00	0.028
8880	0.032	0.032	0.033	0.04	11:01:20	10/11/2011	11:01	0.046
8940	0.027	0.028	0.028	0.032	11:02:20	10/11/2011	11:02	0.033
9000	0.026	0.027	0.028	0.032	11:03:20	10/11/2011	11:03	0.032
9060	0.025	0.025	0.026	0.029	11:04:20	10/11/2011	11:04	0.03
9120	0.022	0.023	0.023	0.025	11:05:20	10/11/2011	11:05	0.025
9180	0.019	0.02	0.021	0.022	11:06:20	10/11/2011	11:06	0.023
9240	0.017	0.018	0.018	0.019	11:07:20	10/11/2011	11:07	0.02
9300	0.016	0.017	0.018	0.02	11:08:20	10/11/2011	11:08	0.021
9360	0.016	0.016	0.017	0.019	11:09:20	10/11/2011	11:09	0.02
9420	0.017	0.018	0.018	0.02	11:10:20	10/11/2011	11:10	0.021
9480	0.022	0.022	0.023	0.029	11:11:20	10/11/2011	11:11	0.033
9540	0.022	0.023	0.025	0.03	11:12:20	10/11/2011	11:12	0.031
9600	0.02	0.021	0.022	0.026	11:13:20	10/11/2011	11:13	0.027
9660	0.019	0.019	0.02	0.022	11:14:20	10/11/2011	11:14	0.023
9720	0.023	0.023	0.024	0.026	11:15:20	10/11/2011	11:15	0.026
9780	0.022	0.022	0.023	0.025	11:16:20	10/11/2011	11:16	0.025
9840	0.024	0.024	0.025	0.026	11:17:20	10/11/2011	11:17	0.028
9900	0.019	0.019	0.02	0.022	11:18:20	10/11/2011	11:18	0.023
9960	0.014	0.015	0.015	0.016	11:19:20	10/11/2011	11:19	0.017
10020	0.018	0.019	0.02	0.022	11:20:20	10/11/2011	11:20	0.022
10080	0.02	0.021	0.024	0.028	11:21:20	10/11/2011	11:21	0.028
10140	0.028	0.029	0.031	0.035	11:22:20	10/11/2011	11:22	0.036
10200	0.026	0.026	0.028	0.031	11:23:20	10/11/2011	11:23	0.031

10260	0.022	0.022	0.023	0.026	11:24:20	10/11/2011	11:24	0.027
10320	0.022	0.022	0.023	0.025	11:25:20	10/11/2011	11:25	0.026
10380	0.024	0.024	0.025	0.028	11:26:20	10/11/2011	11:26	0.029
10440	0.016	0.016	0.017	0.019	11:27:20	10/11/2011	11:27	0.021
10500	0.018	0.018	0.019	0.02	11:28:20	10/11/2011	11:28	0.021
10560	0.02	0.021	0.021	0.023	11:29:20	10/11/2011	11:29	0.024
10620	0.02	0.02	0.021	0.022	11:30:20	10/11/2011	11:30	0.023
10680	0.022	0.023	0.023	0.027	11:31:20	10/11/2011	11:31	0.029
10740	0.023	0.023	0.024	0.026	11:32:20	10/11/2011	11:32	0.026
10800	0.027	0.028	0.029	0.032	11:33:20	10/11/2011	11:33	0.033
10860	0.025	0.026	0.027	0.029	11:34:20	10/11/2011	11:34	0.03
10920	0.016	0.016	0.017	0.019	11:35:20	10/11/2011	11:35	0.019
10980	0.015	0.016	0.016	0.018	11:36:20	10/11/2011	11:36	0.018
11040	0.018	0.019	0.019	0.021	11:37:20	10/11/2011	11:37	0.022
11100	0.022	0.023	0.023	0.026	11:38:20	10/11/2011	11:38	0.026
11160	0.017	0.017	0.018	0.02	11:39:20	10/11/2011	11:39	0.02
11220	0.023	0.023	0.024	0.025	11:40:20	10/11/2011	11:40	0.025
11280	0.024	0.024	0.025	0.028	11:41:20	10/11/2011	11:41	0.028
11340	0.017	0.018	0.019	0.021	11:42:20	10/11/2011	11:42	0.023
11400	0.015	0.015	0.016	0.017	11:43:20	10/11/2011	11:43	0.017
11460	0.014	0.015	0.015	0.017	11:44:20	10/11/2011	11:44	0.017
11520	0.016	0.016	0.017	0.019	11:45:20	10/11/2011	11:45	0.02
11580	0.018	0.019	0.02	0.021	11:46:20	10/11/2011	11:46	0.021
11640	0.003	0.003	0.004	0.009	11:47:20	10/11/2011	11:47	0.014
11700	0	0	0	0	11:48:20	10/11/2011	11:48	0
11760	0	0	0	0	11:49:20	10/11/2011	11:49	0.001
11820	0	0	0	0	11:50:20	10/11/2011	11:50	0
11880	0	0	0	0	11:51:20	10/11/2011	11:51	0
11940	0	0	0	0	11:52:20	10/11/2011	11:52	0
12000	0	0	0	0	11:53:20	10/11/2011	11:53	0
12060	0	0	0	0	11:54:20	10/11/2011	11:54	0
12120	0	0	0	0	11:55:20	10/11/2011	11:55	0
12180	0	0	0	0	11:56:20	10/11/2011	11:56	0
12240	0	0	0	0	11:57:20	10/11/2011	11:57	0
12300	0	0	0	0	11:58:20	10/11/2011	11:58	0
12360	0	0	0	0	11:59:20	10/11/2011	11:59	0
12420	0	0	0	0	12:00:20	10/11/2011	12:00	0
12480	0	0	0	0	12:01:20	10/11/2011	12:01	0
12540	0	0	0	0	12:02:20	10/11/2011	12:02	0.001
12600	0	0	0	0	12:03:20	10/11/2011	12:03	0
12660	0.008	0.008	0.009	0.012	12:04:20	10/11/2011	12:04	0.015
12720	0.028	0.028	0.029	0.037	12:05:20	10/11/2011	12:05	0.043
12780	0	0	0	0	12:06:20	10/11/2011	12:06	0
12840	0	0	0	0	12:07:20	10/11/2011	12:07	0
12900	0	0	0	0	12:08:20	10/11/2011	12:08	0
12960	0	0	0	0	12:09:20	10/11/2011	12:09	0
13020	0	0	0	0	12:10:20	10/11/2011	12:10	0
13080	0	0	0	0	12:11:20	10/11/2011	12:11	0
13140	0	0	0	0	12:12:20	10/11/2011	12:12	0
13200	0	0	0	0	12:13:20	10/11/2011	12:13	0
13260	0	0	0	0	12:14:20	10/11/2011	12:14	0
13320	0	0	0	0	12:15:20	10/11/2011	12:15	0
13380	0	0	0	0.001	12:16:20	10/11/2011	12:16	0.001
13440	0	0	0	0	12:17:20	10/11/2011	12:17	0
13500	0	0	0	0	12:18:20	10/11/2011	12:18	0
13560	0	0	0	0	12:19:20	10/11/2011	12:19	0
13620	0	0	0	0	12:20:20	10/11/2011	12:20	0
13680	0	0	0	0	12:21:20	10/11/2011	12:21	0
13740	0	0	0	0	12:22:20	10/11/2011	12:22	0
13800	0	0	0	0	12:23:20	10/11/2011	12:23	0
13860	0	0	0	0	12:24:20	10/11/2011	12:24	0
13920	0	0	0	0	12:25:20	10/11/2011	12:25	0
13980	0	0	0	0	12:26:20	10/11/2011	12:26	0
14040	0	0	0	0	12:27:20	10/11/2011	12:27	0
14100	0.01	0.01	0.011	0.012	12:28:20	10/11/2011	12:28	0.013
14160	0	0	0.001	0.001	12:29:20	10/11/2011	12:29	0.001
14220	0	0	0	0	12:30:20	10/11/2011	12:30	0
14280	0	0	0	0	12:31:20	10/11/2011	12:31	0
14340	0	0	0	0	12:32:20	10/11/2011	12:32	0

14400	0	0	0	0	12:33:20	10/11/2011	12:33	0.001
14460	0	0	0	0	12:34:20	10/11/2011	12:34	0
14520	0	0	0	0	12:35:20	10/11/2011	12:35	0
14580	0	0	0	0	12:36:20	10/11/2011	12:36	0
14640	0	0	0	0	12:37:20	10/11/2011	12:37	0
14700	0	0	0	0	12:38:20	10/11/2011	12:38	0
14760	0	0	0	0	12:39:20	10/11/2011	12:39	0
14820	0	0	0	0	12:40:20	10/11/2011	12:40	0
14880	0	0	0	0	12:41:20	10/11/2011	12:41	0
14940	0.004	0.004	0.004	0.008	12:42:20	10/11/2011	12:42	0.011
15000	0.015	0.016	0.016	0.019	12:43:20	10/11/2011	12:43	0.022
15060	0	0	0	0	12:44:20	10/11/2011	12:44	0
15120	0	0	0	0	12:45:20	10/11/2011	12:45	0.001
15180	0	0	0	0	12:46:20	10/11/2011	12:46	0
15240	0	0	0	0	12:47:20	10/11/2011	12:47	0
15300	0	0	0	0	12:48:20	10/11/2011	12:48	0
15360	0	0	0	0	12:49:20	10/11/2011	12:49	0
15420	0	0	0	0	12:50:20	10/11/2011	12:50	0
15480	0	0	0	0.001	12:51:20	10/11/2011	12:51	0.003
15540	0	0	0	0	12:52:20	10/11/2011	12:52	0
15600	0	0	0	0	12:53:20	10/11/2011	12:53	0
15660	0	0	0	0.001	12:54:20	10/11/2011	12:54	0.001
15720	0	0	0	0	12:55:20	10/11/2011	12:55	0
15780	0	0	0	0	12:56:20	10/11/2011	12:56	0
15840	0	0	0	0	12:57:20	10/11/2011	12:57	0.001
15900	0	0	0	0.002	12:58:20	10/11/2011	12:58	0.003
15960	0	0	0	0	12:59:20	10/11/2011	12:59	0
16020	0	0	0	0	13:00:20	10/11/2011	13:00	0
16080	0	0	0	0	13:01:20	10/11/2011	13:01	0
16140	0	0	0	0	13:02:20	10/11/2011	13:02	0
16200	0	0	0	0	13:03:20	10/11/2011	13:03	0
16260	0.017	0.017	0.019	0.031	13:04:20	10/11/2011	13:04	0.04
16320	0	0	0	0	13:05:20	10/11/2011	13:05	0
16380	0	0	0	0	13:06:20	10/11/2011	13:06	0.001
16440	0	0	0	0.001	13:07:20	10/11/2011	13:07	0.001
16500	0	0	0	0.001	13:08:20	10/11/2011	13:08	0.001
16560	0	0	0	0	13:09:20	10/11/2011	13:09	0.001
16620	0	0	0	0.001	13:10:20	10/11/2011	13:10	0.002
16680	0.001	0.001	0.001	0.005	13:11:20	10/11/2011	13:11	0.006
16740	0	0	0	0.002	13:12:20	10/11/2011	13:12	0.003
16800	0	0	0	0.002	13:13:20	10/11/2011	13:13	0.002
16860	0	0	0	0.002	13:14:20	10/11/2011	13:14	0.003
16920	0.011	0.012	0.013	0.018	13:15:20	10/11/2011	13:15	0.019
16980	0.02	0.021	0.022	0.025	13:16:20	10/11/2011	13:16	0.026
17040	0.019	0.02	0.021	0.025	13:17:20	10/11/2011	13:17	0.025
17100	0.023	0.023	0.024	0.026	13:18:20	10/11/2011	13:18	0.026
17160	0.025	0.025	0.026	0.028	13:19:20	10/11/2011	13:19	0.03
17220	0.026	0.027	0.028	0.03	13:20:20	10/11/2011	13:20	0.031
17280	0.022	0.023	0.024	0.027	13:21:20	10/11/2011	13:21	0.028
17340	0.021	0.021	0.023	0.025	13:22:20	10/11/2011	13:22	0.025
17400	0.022	0.023	0.024	0.028	13:23:20	10/11/2011	13:23	0.028
17460	0.02	0.021	0.022	0.025	13:24:20	10/11/2011	13:24	0.026
17520	0.025	0.026	0.027	0.033	13:25:20	10/11/2011	13:25	0.035
17580	0.034	0.035	0.037	0.045	13:26:20	10/11/2011	13:26	0.049
17640	0.023	0.024	0.025	0.029	13:27:20	10/11/2011	13:27	0.031
17700	0.023	0.024	0.025	0.026	13:28:20	10/11/2011	13:28	0.026
17760	0.019	0.019	0.02	0.022	13:29:20	10/11/2011	13:29	0.022
17820	0.024	0.024	0.025	0.027	13:30:20	10/11/2011	13:30	0.027
17880	0.025	0.025	0.027	0.031	13:31:20	10/11/2011	13:31	0.031
17940	0.022	0.022	0.023	0.027	13:32:20	10/11/2011	13:32	0.027
18000	0.02	0.021	0.022	0.024	13:33:20	10/11/2011	13:33	0.024
18060	0.018	0.019	0.019	0.021	13:34:20	10/11/2011	13:34	0.022
18120	0.017	0.018	0.019	0.021	13:35:20	10/11/2011	13:35	0.021
18180	0.018	0.018	0.019	0.021	13:36:20	10/11/2011	13:36	0.021
18240	0.019	0.02	0.021	0.023	13:37:20	10/11/2011	13:37	0.024
18300	0.021	0.022	0.022	0.025	13:38:20	10/11/2011	13:38	0.025
18360	0.018	0.018	0.019	0.021	13:39:20	10/11/2011	13:39	0.022
18420	0.021	0.021	0.022	0.025	13:40:20	10/11/2011	13:40	0.025
18480	0.027	0.027	0.028	0.035	13:41:20	10/11/2011	13:41	0.038

18540	0.02	0.02	0.021	0.024	13:42:20	10/11/2011	13:42	0.024
18600	0.02	0.021	0.022	0.025	13:43:20	10/11/2011	13:43	0.025
18660	0.018	0.019	0.02	0.022	13:44:20	10/11/2011	13:44	0.022
18720	0.018	0.018	0.019	0.021	13:45:20	10/11/2011	13:45	0.021
18780	0.02	0.02	0.022	0.025	13:46:20	10/11/2011	13:46	0.025
18840	0.019	0.02	0.021	0.023	13:47:20	10/11/2011	13:47	0.023
18900	0.017	0.018	0.019	0.021	13:48:20	10/11/2011	13:48	0.021
18960	0.016	0.017	0.017	0.019	13:49:20	10/11/2011	13:49	0.019
19020	0.021	0.022	0.023	0.025	13:50:20	10/11/2011	13:50	0.025
19080	0.022	0.023	0.024	0.026	13:51:20	10/11/2011	13:51	0.026
19140	0.023	0.024	0.025	0.027	13:52:20	10/11/2011	13:52	0.028
19200	0.021	0.022	0.022	0.025	13:53:20	10/11/2011	13:53	0.025
19260	0.02	0.02	0.021	0.023	13:54:20	10/11/2011	13:54	0.024
19320	0.016	0.017	0.017	0.021	13:55:20	10/11/2011	13:55	0.022
19380	0.016	0.016	0.017	0.019	13:56:20	10/11/2011	13:56	0.019
19440	0.023	0.024	0.025	0.028	13:57:20	10/11/2011	13:57	0.029
19500	0.021	0.021	0.022	0.025	13:58:20	10/11/2011	13:58	0.026
19560	0.017	0.018	0.019	0.02	13:59:20	10/11/2011	13:59	0.021
19620	0.02	0.02	0.021	0.024	14:00:20	10/11/2011	14:00	0.024
19680	0.021	0.022	0.023	0.026	14:01:20	10/11/2011	14:01	0.026
19740	0.017	0.017	0.018	0.019	14:02:20	10/11/2011	14:02	0.019
19800	0.015	0.016	0.016	0.018	14:03:20	10/11/2011	14:03	0.018
19860	0.017	0.017	0.018	0.02	14:04:20	10/11/2011	14:04	0.02
19920	0.017	0.017	0.018	0.02	14:05:20	10/11/2011	14:05	0.021
19980	0.015	0.016	0.016	0.018	14:06:20	10/11/2011	14:06	0.018
20040	0.015	0.015	0.016	0.017	14:07:20	10/11/2011	14:07	0.018

Client: National Grid

Location: Lowe's

Date: 10/12/11

Field Personnel: J. Ehlen

Project: Metropolitan

Project Number: 60137361

Project Number: 0013732
Weather: ~65°F, cloudy, breezy

Ambient Noise: ~80 dB

Community Air Monitoring Plan / Noise Field Log

Time	Upwind PID	Upwind Dust Trak	Work Area PID	Downwind PID	Downwind Dust Trak	dB Readings ¹	Comments
720	0.5	0.015	0.0	0.0	0.023	82.8	Preclearance of SB-21
800	0.0	0.009	0.0	0.0	0.022	88.0	Jackhammering SB-21
814	0.0	0.010	0.0	0.0	0.025	83.5	Preclearance of SB-21
830	0.0	0.013	0.0	0.0	0.024	82.1	"
920	0.0	0.017	0.0	0.0	0.025	83.6	Setting up on SB-24
935	0.0	0.013	0.0	0.0	0.029	94.8	Drilling SB-24
948	0.0	0.013	0.0	0.0	0.023	91.7	"
1005	0.0	0.028	0.0	0.0	0.028	79.3	Drilled SB-24 to 90 ft
1030	0.0	0.018	0.6	0.6	0.024	93.1	Backfilling w/ grout
1045	0.0	0.018	0.0	0.0	0.023	89.3	"
1106	0.0	0.018	0.0	0.0	0.018	92.2	"
1115	0.0	0.018	0.0	0.0	0.014	91.2	"
1155	0.0	0.016	0.9	0.2	0.081	94.3	Saw cutting SB-25
1210	0.0	0.014	0.0	0.0	0.017	84.9	Preclearance of SB-25
1226	0.0	0.012	0.0	0.0	0.017	82.3	"
1240	0.0	0.013	0.0	0.0	0.014	81.7	"
1355	0.0	0.013	0.0	0.0	0.014	91.7	Drilling SB-25

=====Event #31 information (begin)=====

[Event #31 name:]-[Event #31]2011-10-12 07:30-->2011-10-12 14:14
[Event start time:]-2011-10-12 07:30:52[Event end time:]-2011-10-12 14:14:52

=====Event #31 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-904624

Data Points: 404 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====Sensor Information : PID-Min(ppm)PID-Avg(ppm)PID-Max(ppm)=====

Measurement Gas : Isobutene

Calibration Time : 2011-10-12 07:11:002011-10-12 07:11:002011-10-12 07:11:00

Drift Value : --- --- ---

Low Alarm Levels : 50.000 50.000 50.000

High Alarm Levels : 100.000 100.000 100.000

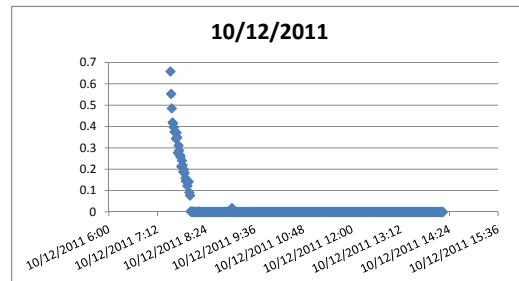
Span Value : 100.000 100.000 100.000

Correction Factor : 1.00 1.00 1.00

Over Alarm Levels : 15000.000 15000.000 15000.000

=====Event #31 data informations=====

LINE#	Date/Time	PID-Max(ppm)	PID-Min(ppm)	PID-Avg(ppm)
1	10/12/2011 7:31	0.658	0.164	0.545
2	10/12/2011 7:32	0.553	0.455	0.494
3	10/12/2011 7:33	0.485	0.393	0.444
4	10/12/2011 7:34	0.419	0.371	0.396
5	10/12/2011 7:35	0.414	0.379	0.398
6	10/12/2011 7:36	0.396	0.364	0.377
7	10/12/2011 7:37	0.375	0.331	0.35
8	10/12/2011 7:38	0.374	0.314	0.338
9	10/12/2011 7:39	0.343	0.273	0.321
10	10/12/2011 7:40	0.371	0.234	0.278
11	10/12/2011 7:41	0.349	0.237	0.263
12	10/12/2011 7:42	0.277	0.178	0.216
13	10/12/2011 7:43	0.311	0.17	0.212
14	10/12/2011 7:44	0.288	0.161	0.195
15	10/12/2011 7:45	0.266	0.141	0.182
16	10/12/2011 7:46	0.257	0.123	0.163
17	10/12/2011 7:47	0.213	0.099	0.131
18	10/12/2011 7:48	0.24	0.109	0.152
19	10/12/2011 7:49	0.219	0.079	0.128
20	10/12/2011 7:50	0.188	0.07	0.107
21	10/12/2011 7:51	0.198	0.075	0.107
22	10/12/2011 7:52	0.182	0.057	0.101
23	10/12/2011 7:53	0.159	0.033	0.071
24	10/12/2011 7:54	0.144	0.03	0.059
25	10/12/2011 7:55	0.147	0.032	0.075
26	10/12/2011 7:56	0.122	0.013	0.044
27	10/12/2011 7:57	0.139	0.03	0.052
28	10/12/2011 7:58	0.142	0.007	0.03
29	10/12/2011 7:59	0.091	0	0.012
30	10/12/2011 8:00	0.077	0	0.008
31	10/12/2011 8:01	0.003	0	0
32	10/12/2011 8:02	0	0	0
33	10/12/2011 8:03	0	0	0
34	10/12/2011 8:04	0	0	0
35	10/12/2011 8:05	0.002	0	0
36	10/12/2011 8:06	0	0	0
37	10/12/2011 8:07	0	0	0
38	10/12/2011 8:08	0	0	0
39	10/12/2011 8:09	0	0	0
40	10/12/2011 8:10	0	0	0
41	10/12/2011 8:11	0	0	0
42	10/12/2011 8:12	0	0	0
43	10/12/2011 8:13	0.001	0	0
44	10/12/2011 8:14	0.002	0	0
45	10/12/2011 8:15	0	0	0
46	10/12/2011 8:16	0	0	0
47	10/12/2011 8:17	0	0	0
48	10/12/2011 8:18	0	0	0



49	10/12/2011 8:19	0	0	0
50	10/12/2011 8:20	0	0	0
51	10/12/2011 8:21	0	0	0
52	10/12/2011 8:22	0	0	0
53	10/12/2011 8:23	0	0	0
54	10/12/2011 8:24	0	0	0
55	10/12/2011 8:25	0	0	0
56	10/12/2011 8:26	0	0	0
57	10/12/2011 8:27	0	0	0
58	10/12/2011 8:28	0	0	0
59	10/12/2011 8:29	0	0	0
60	10/12/2011 8:30	0	0	0
61	10/12/2011 8:31	0	0	0
62	10/12/2011 8:32	0	0	0
63	10/12/2011 8:33	0	0	0
64	10/12/2011 8:34	0	0	0
65	10/12/2011 8:35	0	0	0
66	10/12/2011 8:36	0	0	0
67	10/12/2011 8:37	0	0	0
68	10/12/2011 8:38	0	0	0
69	10/12/2011 8:39	0	0	0
70	10/12/2011 8:40	0	0	0
71	10/12/2011 8:41	0	0	0
72	10/12/2011 8:42	0	0	0
73	10/12/2011 8:43	0	0	0
74	10/12/2011 8:44	0	0	0
75	10/12/2011 8:45	0	0	0
76	10/12/2011 8:46	0	0	0
77	10/12/2011 8:47	0	0	0
78	10/12/2011 8:48	0	0	0
79	10/12/2011 8:49	0	0	0
80	10/12/2011 8:50	0	0	0
81	10/12/2011 8:51	0	0	0
82	10/12/2011 8:52	0	0	0
83	10/12/2011 8:53	0	0	0
84	10/12/2011 8:54	0	0	0
85	10/12/2011 8:55	0	0	0
86	10/12/2011 8:56	0	0	0
87	10/12/2011 8:57	0	0	0
88	10/12/2011 8:58	0	0	0
89	10/12/2011 8:59	0	0	0
90	10/12/2011 9:00	0	0	0
91	10/12/2011 9:01	0	0	0
92	10/12/2011 9:02	0.018	0	0.001
93	10/12/2011 9:03	0	0	0
94	10/12/2011 9:04	0	0	0
95	10/12/2011 9:05	0	0	0
96	10/12/2011 9:06	0	0	0
97	10/12/2011 9:07	0	0	0
98	10/12/2011 9:08	0	0	0
99	10/12/2011 9:09	0	0	0
100	10/12/2011 9:10	0	0	0
101	10/12/2011 9:11	0	0	0
102	10/12/2011 9:12	0	0	0
103	10/12/2011 9:13	0	0	0
104	10/12/2011 9:14	0	0	0
105	10/12/2011 9:15	0	0	0
106	10/12/2011 9:16	0	0	0
107	10/12/2011 9:17	0	0	0
108	10/12/2011 9:18	0	0	0
109	10/12/2011 9:19	0	0	0
110	10/12/2011 9:20	0	0	0
111	10/12/2011 9:21	0	0	0
112	10/12/2011 9:22	0	0	0
113	10/12/2011 9:23	0	0	0
114	10/12/2011 9:24	0	0	0
115	10/12/2011 9:25	0	0	0
116	10/12/2011 9:26	0	0	0
117	10/12/2011 9:27	0	0	0

118	10/12/2011 9:28	0	0	0
119	10/12/2011 9:29	0	0	0
120	10/12/2011 9:30	0	0	0
121	10/12/2011 9:31	0	0	0
122	10/12/2011 9:32	0	0	0
123	10/12/2011 9:33	0	0	0
124	10/12/2011 9:34	0	0	0
125	10/12/2011 9:35	0	0	0
126	10/12/2011 9:36	0	0	0
127	10/12/2011 9:37	0	0	0
128	10/12/2011 9:38	0	0	0
129	10/12/2011 9:39	0	0	0
130	10/12/2011 9:40	0	0	0
131	10/12/2011 9:41	0	0	0
132	10/12/2011 9:42	0	0	0
133	10/12/2011 9:43	0	0	0
134	10/12/2011 9:44	0	0	0
135	10/12/2011 9:45	0	0	0
136	10/12/2011 9:46	0	0	0
137	10/12/2011 9:47	0	0	0
138	10/12/2011 9:48	0	0	0
139	10/12/2011 9:49	0	0	0
140	10/12/2011 9:50	0	0	0
141	10/12/2011 9:51	0	0	0
142	10/12/2011 9:52	0	0	0
143	10/12/2011 9:53	0	0	0
144	10/12/2011 9:54	0	0	0
145	10/12/2011 9:55	0	0	0
146	10/12/2011 9:56	0	0	0
147	10/12/2011 9:57	0	0	0
148	10/12/2011 9:58	0	0	0
149	10/12/2011 9:59	0	0	0
150	10/12/2011 10:00	0	0	0
151	10/12/2011 10:01	0	0	0
152	10/12/2011 10:02	0	0	0
153	10/12/2011 10:03	0	0	0
154	10/12/2011 10:04	0	0	0
155	10/12/2011 10:05	0	0	0
156	10/12/2011 10:06	0	0	0
157	10/12/2011 10:07	0	0	0
158	10/12/2011 10:08	0	0	0
159	10/12/2011 10:09	0	0	0
160	10/12/2011 10:10	0	0	0
161	10/12/2011 10:11	0	0	0
162	10/12/2011 10:12	0	0	0
163	10/12/2011 10:13	0	0	0
164	10/12/2011 10:14	0	0	0
165	10/12/2011 10:15	0	0	0
166	10/12/2011 10:16	0	0	0
167	10/12/2011 10:17	0	0	0
168	10/12/2011 10:18	0	0	0
169	10/12/2011 10:19	0	0	0
170	10/12/2011 10:20	0	0	0
171	10/12/2011 10:21	0	0	0
172	10/12/2011 10:22	0	0	0
173	10/12/2011 10:23	0	0	0
174	10/12/2011 10:24	0	0	0
175	10/12/2011 10:25	0	0	0
176	10/12/2011 10:26	0	0	0
177	10/12/2011 10:27	0	0	0
178	10/12/2011 10:28	0	0	0
179	10/12/2011 10:29	0	0	0
180	10/12/2011 10:30	0	0	0
181	10/12/2011 10:31	0	0	0
182	10/12/2011 10:32	0	0	0
183	10/12/2011 10:33	0	0	0
184	10/12/2011 10:34	0	0	0
185	10/12/2011 10:35	0	0	0
186	10/12/2011 10:36	0	0	0

187	10/12/2011 10:37	0	0	0
188	10/12/2011 10:38	0	0	0
189	10/12/2011 10:39	0	0	0
190	10/12/2011 10:40	0	0	0
191	10/12/2011 10:41	0	0	0
192	10/12/2011 10:42	0	0	0
193	10/12/2011 10:43	0	0	0
194	10/12/2011 10:44	0	0	0
195	10/12/2011 10:45	0	0	0
196	10/12/2011 10:46	0	0	0
197	10/12/2011 10:47	0	0	0
198	10/12/2011 10:48	0	0	0
199	10/12/2011 10:49	0	0	0
200	10/12/2011 10:50	0	0	0
201	10/12/2011 10:51	0	0	0
202	10/12/2011 10:52	0	0	0
203	10/12/2011 10:53	0	0	0
204	10/12/2011 10:54	0	0	0
205	10/12/2011 10:55	0	0	0
206	10/12/2011 10:56	0	0	0
207	10/12/2011 10:57	0	0	0
208	10/12/2011 10:58	0	0	0
209	10/12/2011 10:59	0	0	0
210	10/12/2011 11:00	0	0	0
211	10/12/2011 11:01	0	0	0
212	10/12/2011 11:02	0	0	0
213	10/12/2011 11:03	0	0	0
214	10/12/2011 11:04	0	0	0
215	10/12/2011 11:05	0	0	0
216	10/12/2011 11:06	0	0	0
217	10/12/2011 11:07	0	0	0
218	10/12/2011 11:08	0	0	0
219	10/12/2011 11:09	0	0	0
220	10/12/2011 11:10	0	0	0
221	10/12/2011 11:11	0	0	0
222	10/12/2011 11:12	0	0	0
223	10/12/2011 11:13	0	0	0
224	10/12/2011 11:14	0	0	0
225	10/12/2011 11:15	0	0	0
226	10/12/2011 11:16	0	0	0
227	10/12/2011 11:17	0	0	0
228	10/12/2011 11:18	0	0	0
229	10/12/2011 11:19	0	0	0
230	10/12/2011 11:20	0	0	0
231	10/12/2011 11:21	0	0	0
232	10/12/2011 11:22	0	0	0
233	10/12/2011 11:23	0	0	0
234	10/12/2011 11:24	0	0	0
235	10/12/2011 11:25	0	0	0
236	10/12/2011 11:26	0	0	0
237	10/12/2011 11:27	0	0	0
238	10/12/2011 11:28	0	0	0
239	10/12/2011 11:29	0	0	0
240	10/12/2011 11:30	0	0	0
241	10/12/2011 11:31	0	0	0
242	10/12/2011 11:32	0	0	0
243	10/12/2011 11:33	0	0	0
244	10/12/2011 11:34	0	0	0
245	10/12/2011 11:35	0	0	0
246	10/12/2011 11:36	0	0	0
247	10/12/2011 11:37	0	0	0
248	10/12/2011 11:38	0	0	0
249	10/12/2011 11:39	0	0	0
250	10/12/2011 11:40	0	0	0
251	10/12/2011 11:41	0	0	0
252	10/12/2011 11:42	0	0	0
253	10/12/2011 11:43	0	0	0
254	10/12/2011 11:44	0	0	0
255	10/12/2011 11:45	0	0	0

256	10/12/2011 11:46	0	0	0
257	10/12/2011 11:47	0	0	0
258	10/12/2011 11:48	0	0	0
259	10/12/2011 11:49	0	0	0
260	10/12/2011 11:50	0	0	0
261	10/12/2011 11:51	0	0	0
262	10/12/2011 11:52	0	0	0
263	10/12/2011 11:53	0	0	0
264	10/12/2011 11:54	0	0	0
265	10/12/2011 11:55	0	0	0
266	10/12/2011 11:56	0	0	0
267	10/12/2011 11:57	0	0	0
268	10/12/2011 11:58	0	0	0
269	10/12/2011 11:59	0	0	0
270	10/12/2011 12:00	0	0	0
271	10/12/2011 12:01	0	0	0
272	10/12/2011 12:02	0	0	0
273	10/12/2011 12:03	0	0	0
274	10/12/2011 12:04	0	0	0
275	10/12/2011 12:05	0	0	0
276	10/12/2011 12:06	0	0	0
277	10/12/2011 12:07	0	0	0
278	10/12/2011 12:08	0	0	0
279	10/12/2011 12:09	0	0	0
280	10/12/2011 12:10	0	0	0
281	10/12/2011 12:11	0	0	0
282	10/12/2011 12:12	0	0	0
283	10/12/2011 12:13	0	0	0
284	10/12/2011 12:14	0	0	0
285	10/12/2011 12:15	0	0	0
286	10/12/2011 12:16	0	0	0
287	10/12/2011 12:17	0	0	0
288	10/12/2011 12:18	0	0	0
289	10/12/2011 12:19	0	0	0
290	10/12/2011 12:20	0	0	0
291	10/12/2011 12:21	0	0	0
292	10/12/2011 12:22	0	0	0
293	10/12/2011 12:23	0	0	0
294	10/12/2011 12:24	0	0	0
295	10/12/2011 12:25	0	0	0
296	10/12/2011 12:26	0	0	0
297	10/12/2011 12:27	0	0	0
298	10/12/2011 12:28	0	0	0
299	10/12/2011 12:29	0	0	0
300	10/12/2011 12:30	0	0	0
301	10/12/2011 12:31	0	0	0
302	10/12/2011 12:32	0	0	0
303	10/12/2011 12:33	0	0	0
304	10/12/2011 12:34	0	0	0
305	10/12/2011 12:35	0	0	0
306	10/12/2011 12:36	0	0	0
307	10/12/2011 12:37	0	0	0
308	10/12/2011 12:38	0	0	0
309	10/12/2011 12:39	0	0	0
310	10/12/2011 12:40	0	0	0
311	10/12/2011 12:41	0	0	0
312	10/12/2011 12:42	0	0	0
313	10/12/2011 12:43	0	0	0
314	10/12/2011 12:44	0	0	0
315	10/12/2011 12:45	0	0	0
316	10/12/2011 12:46	0	0	0
317	10/12/2011 12:47	0	0	0
318	10/12/2011 12:48	0	0	0
319	10/12/2011 12:49	0	0	0
320	10/12/2011 12:50	0	0	0
321	10/12/2011 12:51	0	0	0
322	10/12/2011 12:52	0	0	0
323	10/12/2011 12:53	0	0	0
324	10/12/2011 12:54	0	0	0

325	10/12/2011 12:55	0	0	0
326	10/12/2011 12:56	0	0	0
327	10/12/2011 12:57	0	0	0
328	10/12/2011 12:58	0	0	0
329	10/12/2011 12:59	0	0	0
330	10/12/2011 13:00	0	0	0
331	10/12/2011 13:01	0	0	0
332	10/12/2011 13:02	0	0	0
333	10/12/2011 13:03	0	0	0
334	10/12/2011 13:04	0	0	0
335	10/12/2011 13:05	0	0	0
336	10/12/2011 13:06	0	0	0
337	10/12/2011 13:07	0	0	0
338	10/12/2011 13:08	0	0	0
339	10/12/2011 13:09	0	0	0
340	10/12/2011 13:10	0	0	0
341	10/12/2011 13:11	0	0	0
342	10/12/2011 13:12	0	0	0
343	10/12/2011 13:13	0	0	0
344	10/12/2011 13:14	0	0	0
345	10/12/2011 13:15	0	0	0
346	10/12/2011 13:16	0	0	0
347	10/12/2011 13:17	0	0	0
348	10/12/2011 13:18	0	0	0
349	10/12/2011 13:19	0	0	0
350	10/12/2011 13:20	0	0	0
351	10/12/2011 13:21	0	0	0
352	10/12/2011 13:22	0	0	0
353	10/12/2011 13:23	0	0	0
354	10/12/2011 13:24	0	0	0
355	10/12/2011 13:25	0	0	0
356	10/12/2011 13:26	0	0	0
357	10/12/2011 13:27	0	0	0
358	10/12/2011 13:28	0	0	0
359	10/12/2011 13:29	0	0	0
360	10/12/2011 13:30	0	0	0
361	10/12/2011 13:31	0	0	0
362	10/12/2011 13:32	0	0	0
363	10/12/2011 13:33	0	0	0
364	10/12/2011 13:34	0	0	0
365	10/12/2011 13:35	0	0	0
366	10/12/2011 13:36	0	0	0
367	10/12/2011 13:37	0	0	0
368	10/12/2011 13:38	0	0	0
369	10/12/2011 13:39	0	0	0
370	10/12/2011 13:40	0	0	0
371	10/12/2011 13:41	0	0	0
372	10/12/2011 13:42	0	0	0
373	10/12/2011 13:43	0	0	0
374	10/12/2011 13:44	0	0	0
375	10/12/2011 13:45	0	0	0
376	10/12/2011 13:46	0	0	0
377	10/12/2011 13:47	0	0	0
378	10/12/2011 13:48	0	0	0
379	10/12/2011 13:49	0	0	0
380	10/12/2011 13:50	0	0	0
381	10/12/2011 13:51	0	0	0
382	10/12/2011 13:52	0	0	0
383	10/12/2011 13:53	0	0	0
384	10/12/2011 13:54	0	0	0
385	10/12/2011 13:55	0	0	0
386	10/12/2011 13:56	0	0	0
387	10/12/2011 13:57	0	0	0
388	10/12/2011 13:58	0	0	0
389	10/12/2011 13:59	0	0	0
390	10/12/2011 14:00	0	0	0
391	10/12/2011 14:01	0	0	0
392	10/12/2011 14:02	0	0	0
393	10/12/2011 14:03	0	0	0

394	10/12/2011 14:04	0	0	0
395	10/12/2011 14:05	0	0	0
396	10/12/2011 14:06	0	0	0
397	10/12/2011 14:07	0	0	0
398	10/12/2011 14:08	0	0	0
399	10/12/2011 14:09	0	0	0
400	10/12/2011 14:10	0	0	0
401	10/12/2011 14:11	0	0	0
402	10/12/2011 14:12	0	0	0
403	10/12/2011 14:13	0	0	0
404	10/12/2011 14:14	0	0	0

=====Event #31 information (end)=====

=====Event #21 information (begin)=====

[Event #21 name:]-[Event #21]2011-10-12 07:37-->2011-10-12 14:28
[Event start time:]-2011-10-12 07:37:00[Event end time:]-2011-10-12 14:28:00

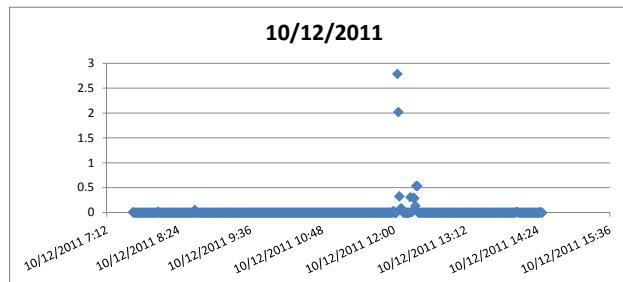
=====Event #21 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905367
Data Points: 411 Sample Period: 60 s Datalog Mode: Automatic
SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

Sensor Information : PID(ppb)
Measurement Gas : Isobutene
Calibration Time : 2011-10-12 07:18:00
Drift Value :--
Low Alarm Levels : 25847
High Alarm Levels : 51694
Span Value : 100000
Correction Factor : 1.00
Over Alarm Levels : 15000000

=====Event #21 data informations=====

LINE#	Date/Time	PID(ppm)	PID(ppb)
1	10/12/2011 7:38	0.009	9
2	10/12/2011 7:39	0	0
3	10/12/2011 7:40	0	0
4	10/12/2011 7:41	0	0
5	10/12/2011 7:42	0	0
6	10/12/2011 7:43	0	0
7	10/12/2011 7:44	0	0
8	10/12/2011 7:45	0	0
9	10/12/2011 7:46	0	0
10	10/12/2011 7:47	0	0
11	10/12/2011 7:48	0	0
12	10/12/2011 7:49	0	0
13	10/12/2011 7:50	0	0
14	10/12/2011 7:51	0	0
15	10/12/2011 7:52	0	0
16	10/12/2011 7:53	0	0
17	10/12/2011 7:54	0	0
18	10/12/2011 7:55	0	0
19	10/12/2011 7:56	0	0
20	10/12/2011 7:57	0	0
21	10/12/2011 7:58	0	0
22	10/12/2011 7:59	0	0
23	10/12/2011 8:00	0	0
24	10/12/2011 8:01	0	0
25	10/12/2011 8:02	0	0
26	10/12/2011 8:03	0.02	20
27	10/12/2011 8:04	0	0
28	10/12/2011 8:05	0	0
29	10/12/2011 8:06	0	0
30	10/12/2011 8:07	0	0
31	10/12/2011 8:08	0	0
32	10/12/2011 8:09	0	0
33	10/12/2011 8:10	0	0
34	10/12/2011 8:11	0	0
35	10/12/2011 8:12	0	0
36	10/12/2011 8:13	0	0
37	10/12/2011 8:14	0	0
38	10/12/2011 8:15	0	0
39	10/12/2011 8:16	0	0
40	10/12/2011 8:17	0	0
41	10/12/2011 8:18	0	0
42	10/12/2011 8:19	0	0
43	10/12/2011 8:20	0	0
44	10/12/2011 8:21	0	0
45	10/12/2011 8:22	0	0
46	10/12/2011 8:23	0	0
47	10/12/2011 8:24	0	0
48	10/12/2011 8:25	0	0



49	10/12/2011 8:26 0	0
50	10/12/2011 8:27 0	0
51	10/12/2011 8:28 0	0
52	10/12/2011 8:29 0	0
53	10/12/2011 8:30 0	0
54	10/12/2011 8:31 0	0
55	10/12/2011 8:32 0	0
56	10/12/2011 8:33 0	0
57	10/12/2011 8:34 0	0
58	10/12/2011 8:35 0	0
59	10/12/2011 8:36 0	0
60	10/12/2011 8:37 0	0
61	10/12/2011 8:38 0	0
62	10/12/2011 8:39 0	0
63	10/12/2011 8:40 0.055	55
64	10/12/2011 8:41 0	0
65	10/12/2011 8:42 0	0
66	10/12/2011 8:43 0	0
67	10/12/2011 8:44 0	0
68	10/12/2011 8:45 0	0
69	10/12/2011 8:46 0	0
70	10/12/2011 8:47 0	0
71	10/12/2011 8:48 0	0
72	10/12/2011 8:49 0	0
73	10/12/2011 8:50 0	0
74	10/12/2011 8:51 0	0
75	10/12/2011 8:52 0	0
76	10/12/2011 8:53 0	0
77	10/12/2011 8:54 0	0
78	10/12/2011 8:55 0	0
79	10/12/2011 8:56 0	0
80	10/12/2011 8:57 0	0
81	10/12/2011 8:58 0	0
82	10/12/2011 8:59 0	0
83	10/12/2011 9:00 0	0
84	10/12/2011 9:01 0	0
85	10/12/2011 9:02 0	0
86	10/12/2011 9:03 0	0
87	10/12/2011 9:04 0	0
88	10/12/2011 9:05 0	0
89	10/12/2011 9:06 0	0
90	10/12/2011 9:07 0	0
91	10/12/2011 9:08 0	0
92	10/12/2011 9:09 0	0
93	10/12/2011 9:10 0	0
94	10/12/2011 9:11 0	0
95	10/12/2011 9:12 0	0
96	10/12/2011 9:13 0	0
97	10/12/2011 9:14 0	0
98	10/12/2011 9:15 0	0
99	10/12/2011 9:16 0	0
100	10/12/2011 9:17 0	0
101	10/12/2011 9:18 0	0
102	10/12/2011 9:19 0	0
103	10/12/2011 9:20 0	0
104	10/12/2011 9:21 0	0
105	10/12/2011 9:22 0	0
106	10/12/2011 9:23 0	0
107	10/12/2011 9:24 0	0
108	10/12/2011 9:25 0	0
109	10/12/2011 9:26 0	0
110	10/12/2011 9:27 0	0
111	10/12/2011 9:28 0	0
112	10/12/2011 9:29 0	0
113	10/12/2011 9:30 0	0
114	10/12/2011 9:31 0	0
115	10/12/2011 9:32 0	0
116	10/12/2011 9:33 0	0
117	10/12/2011 9:34 0	0

118	10/12/2011 9:35	0
119	10/12/2011 9:36	0
120	10/12/2011 9:37	0
121	10/12/2011 9:38	0
122	10/12/2011 9:39	0
123	10/12/2011 9:40	0
124	10/12/2011 9:41	0
125	10/12/2011 9:42	0
126	10/12/2011 9:43	0
127	10/12/2011 9:44	0
128	10/12/2011 9:45	0
129	10/12/2011 9:46	0
130	10/12/2011 9:47	0
131	10/12/2011 9:48	0
132	10/12/2011 9:49	0
133	10/12/2011 9:50	0
134	10/12/2011 9:51	0
135	10/12/2011 9:52	0
136	10/12/2011 9:53	0
137	10/12/2011 9:54	0
138	10/12/2011 9:55	0
139	10/12/2011 9:56	0
140	10/12/2011 9:57	0
141	10/12/2011 9:58	0
142	10/12/2011 9:59	0
143	10/12/2011 10:00	0
144	10/12/2011 10:01	0
145	10/12/2011 10:02	0
146	10/12/2011 10:03	0
147	10/12/2011 10:04	0
148	10/12/2011 10:05	0
149	10/12/2011 10:06	0
150	10/12/2011 10:07	0
151	10/12/2011 10:08	0
152	10/12/2011 10:09	0
153	10/12/2011 10:10	0
154	10/12/2011 10:11	0
155	10/12/2011 10:12	0
156	10/12/2011 10:13	0
157	10/12/2011 10:14	0
158	10/12/2011 10:15	0
159	10/12/2011 10:16	0
160	10/12/2011 10:17	0
161	10/12/2011 10:18	0
162	10/12/2011 10:19	0
163	10/12/2011 10:20	0
164	10/12/2011 10:21	0
165	10/12/2011 10:22	0
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168	10/12/2011 10:25	0
169	10/12/2011 10:26	0
170	10/12/2011 10:27	0
171	10/12/2011 10:28	0
172	10/12/2011 10:29	0
173	10/12/2011 10:30	0
174	10/12/2011 10:31	0
175	10/12/2011 10:32	0
176	10/12/2011 10:33	0
177	10/12/2011 10:34	0
178	10/12/2011 10:35	0
179	10/12/2011 10:36	0
180	10/12/2011 10:37	0
181	10/12/2011 10:38	0
182	10/12/2011 10:39	0
183	10/12/2011 10:40	0
184	10/12/2011 10:41	0
185	10/12/2011 10:42	0
186	10/12/2011 10:43	0

187	10/12/2011 10:44	0
188	10/12/2011 10:45	0
189	10/12/2011 10:46	0
190	10/12/2011 10:47	0
191	10/12/2011 10:48	0
192	10/12/2011 10:49	0
193	10/12/2011 10:50	0
194	10/12/2011 10:51	0
195	10/12/2011 10:52	0
196	10/12/2011 10:53	0
197	10/12/2011 10:54	0
198	10/12/2011 10:55	0
199	10/12/2011 10:56	0
200	10/12/2011 10:57	0
201	10/12/2011 10:58	0
202	10/12/2011 10:59	0
203	10/12/2011 11:00	0
204	10/12/2011 11:01	0
205	10/12/2011 11:02	0
206	10/12/2011 11:03	0
207	10/12/2011 11:04	0
208	10/12/2011 11:05	0
209	10/12/2011 11:06	0
210	10/12/2011 11:07	0
211	10/12/2011 11:08	0
212	10/12/2011 11:09	0
213	10/12/2011 11:10	0
214	10/12/2011 11:11	0
215	10/12/2011 11:12	0
216	10/12/2011 11:13	0
217	10/12/2011 11:14	0
218	10/12/2011 11:15	0
219	10/12/2011 11:16	0
220	10/12/2011 11:17	0
221	10/12/2011 11:18	0
222	10/12/2011 11:19	0
223	10/12/2011 11:20	0
224	10/12/2011 11:21	0
225	10/12/2011 11:22	0
226	10/12/2011 11:23	0
227	10/12/2011 11:24	0
228	10/12/2011 11:25	0
229	10/12/2011 11:26	0
230	10/12/2011 11:27	0
231	10/12/2011 11:28	0
232	10/12/2011 11:29	0
233	10/12/2011 11:30	0
234	10/12/2011 11:31	0
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240	10/12/2011 11:37	0
241	10/12/2011 11:38	0
242	10/12/2011 11:39	0
243	10/12/2011 11:40	0.002
244	10/12/2011 11:41	0
245	10/12/2011 11:42	0
246	10/12/2011 11:43	0
247	10/12/2011 11:44	0
248	10/12/2011 11:45	0
249	10/12/2011 11:46	0
250	10/12/2011 11:47	0
251	10/12/2011 11:48	0
252	10/12/2011 11:49	0
253	10/12/2011 11:50	0
254	10/12/2011 11:51	0
255	10/12/2011 11:52	0

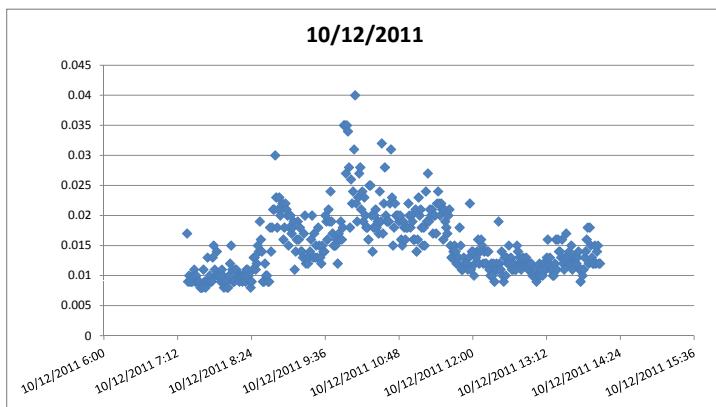
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258	10/12/2011 11:55	0	0
259	10/12/2011 11:56	0	0
260	10/12/2011 11:57	0	0
261	10/12/2011 11:58	0	0
262	10/12/2011 11:59	0.032	32
263	10/12/2011 12:00	0	0
264	10/12/2011 12:01	0	0
265	10/12/2011 12:02	0	0
266	10/12/2011 12:03	2.787	2787
267	10/12/2011 12:04	2.021	2021
268	10/12/2011 12:05	0.328	328
269	10/12/2011 12:06	0.074	74
270	10/12/2011 12:07	0.087	87
271	10/12/2011 12:08	0.032	32
272	10/12/2011 12:09	0	0
273	10/12/2011 12:10	0	0
274	10/12/2011 12:11	0	0
275	10/12/2011 12:12	0	0
276	10/12/2011 12:13	0	0
277	10/12/2011 12:14	0	0
278	10/12/2011 12:15	0	0
279	10/12/2011 12:16	0.31	310
280	10/12/2011 12:17	0.011	11
281	10/12/2011 12:18	0.022	22
282	10/12/2011 12:19	0.3	300
283	10/12/2011 12:20	0.288	288
284	10/12/2011 12:21	0.137	137
285	10/12/2011 12:22	0.538	538
286	10/12/2011 12:23	0.535	535
287	10/12/2011 12:24	0	0
288	10/12/2011 12:25	0	0
289	10/12/2011 12:26	0	0
290	10/12/2011 12:27	0	0
291	10/12/2011 12:28	0	0
292	10/12/2011 12:29	0	0
293	10/12/2011 12:30	0	0
294	10/12/2011 12:31	0	0
295	10/12/2011 12:32	0	0
296	10/12/2011 12:33	0	0
297	10/12/2011 12:34	0	0
298	10/12/2011 12:35	0	0
299	10/12/2011 12:36	0	0
300	10/12/2011 12:37	0	0
301	10/12/2011 12:38	0	0
302	10/12/2011 12:39	0	0
303	10/12/2011 12:40	0	0
304	10/12/2011 12:41	0	0
305	10/12/2011 12:42	0	0
306	10/12/2011 12:43	0	0
307	10/12/2011 12:44	0	0
308	10/12/2011 12:45	0	0
309	10/12/2011 12:46	0	0
310	10/12/2011 12:47	0	0
311	10/12/2011 12:48	0	0
312	10/12/2011 12:49	0	0
313	10/12/2011 12:50	0	0
314	10/12/2011 12:51	0	0
315	10/12/2011 12:52	0	0
316	10/12/2011 12:53	0	0
317	10/12/2011 12:54	0	0
318	10/12/2011 12:55	0	0
319	10/12/2011 12:56	0	0
320	10/12/2011 12:57	0	0
321	10/12/2011 12:58	0	0
322	10/12/2011 12:59	0	0
323	10/12/2011 13:00	0	0
324	10/12/2011 13:01	0	0

325	10/12/2011 13:02	0
326	10/12/2011 13:03	0
327	10/12/2011 13:04	0
328	10/12/2011 13:05	0
329	10/12/2011 13:06	0
330	10/12/2011 13:07	0
331	10/12/2011 13:08	0
332	10/12/2011 13:09	0
333	10/12/2011 13:10	0
334	10/12/2011 13:11	0
335	10/12/2011 13:12	0
336	10/12/2011 13:13	0
337	10/12/2011 13:14	0
338	10/12/2011 13:15	0
339	10/12/2011 13:16	0
340	10/12/2011 13:17	0
341	10/12/2011 13:18	0
342	10/12/2011 13:19	0
343	10/12/2011 13:20	0
344	10/12/2011 13:21	0
345	10/12/2011 13:22	0
346	10/12/2011 13:23	0
347	10/12/2011 13:24	0
348	10/12/2011 13:25	0
349	10/12/2011 13:26	0
350	10/12/2011 13:27	0
351	10/12/2011 13:28	0
352	10/12/2011 13:29	0
353	10/12/2011 13:30	0
354	10/12/2011 13:31	0
355	10/12/2011 13:32	0
356	10/12/2011 13:33	0
357	10/12/2011 13:34	0
358	10/12/2011 13:35	0
359	10/12/2011 13:36	0
360	10/12/2011 13:37	0
361	10/12/2011 13:38	0
362	10/12/2011 13:39	0
363	10/12/2011 13:40	0
364	10/12/2011 13:41	0
365	10/12/2011 13:42	0
366	10/12/2011 13:43	0
367	10/12/2011 13:44	0
368	10/12/2011 13:45	0
369	10/12/2011 13:46	0
370	10/12/2011 13:47	0
371	10/12/2011 13:48	0
372	10/12/2011 13:49	0
373	10/12/2011 13:50	0
374	10/12/2011 13:51	0
375	10/12/2011 13:52	0
376	10/12/2011 13:53	0
377	10/12/2011 13:54	0
378	10/12/2011 13:55	0
379	10/12/2011 13:56	0
380	10/12/2011 13:57	0
381	10/12/2011 13:58	0
382	10/12/2011 13:59	0
383	10/12/2011 14:00	0
384	10/12/2011 14:01	0
385	10/12/2011 14:02	0.011
386	10/12/2011 14:03	0.014
387	10/12/2011 14:04	0.001
388	10/12/2011 14:05	0.001
389	10/12/2011 14:06	0
390	10/12/2011 14:07	0
391	10/12/2011 14:08	0
392	10/12/2011 14:09	0
393	10/12/2011 14:10	0

394	10/12/2011 14:11	0
395	10/12/2011 14:12	0
396	10/12/2011 14:13	0
397	10/12/2011 14:14	0
398	10/12/2011 14:15	0
399	10/12/2011 14:16	0
400	10/12/2011 14:17	0.002
401	10/12/2011 14:18	0
402	10/12/2011 14:19	0
403	10/12/2011 14:20	0
404	10/12/2011 14:21	0
405	10/12/2011 14:22	0
406	10/12/2011 14:23	0
407	10/12/2011 14:24	0
408	10/12/2011 14:25	0
409	10/12/2011 14:26	0.012
410	10/12/2011 14:27	0
411	10/12/2011 14:28	0

=====Event #21 information (end)=====

Instrument Name DustTrak DRX
 Model Number 8533
 Serial Number 8533101806
 Firmware Version 2.8
 Calibration Date 5/19/2011
 Test Name MANUAL_007
 Test Start Time 7:20:05 AM
 Test Start Date 10/12/2011
 Test Length [D:H:M] 0:06:44
 Test Interval [M:S] 1:00
 PM1 Average [mg/l] 0.012
 PM1 Minimum [mg] 0.007
 PM1 Maximum [mg] 0.031
 PM1 TWA [mg/m³] 0.01
 PM2.5 Average [mg] 0.013
 PM2.5 Minimum [n] 0.007
 PM2.5 Maximum [r] 0.031
 PM2.5 TWA [mg/m] 0.011
 PM4 Average [mg/l] 0.013
 PM4 Minimum [mg] 0.007
 PM4 Maximum [mg] 0.032
 PM4 TWA [mg/m³] 0.011
 PM10 Average [mg] 0.015
 PM10 Minimum [m] 0.008
 PM10 Maximum [r] 0.038
 PM10 TWA [mg/m³] 0.012
 TOTAL Average [mg] 0.015
 TOTAL Minimum [n] 0.008
 TOTAL Maximum [r] 0.04
 TOTAL TWA [mg/m] 0.013
 Photometric User C 1
 Size Correction Use 1
 Flow User Cal 1
 Errors
 Number of Samples 404



Elapsed Time [s]	PM1 [mg/m³]	PM2.5 [mg/m³]	PM4 [mg/m³]	PM10 [mg/m³]	7:20:05 AM	Time/Date	TOTAL [mg/m³]	Alarms	Errors
60	0.012	0.012	0.013	0.016	7:21:05 AM	10/12/2011 7:21	0.017		
120	0.009	0.009	0.009	0.009	7:22:05 AM	10/12/2011 7:22	0.009		
180	0.009	0.009	0.01	0.01	7:23:05 AM	10/12/2011 7:23	0.01		
240	0.008	0.009	0.009	0.009	7:24:05 AM	10/12/2011 7:24	0.009		
300	0.008	0.008	0.009	0.009	7:25:05 AM	10/12/2011 7:25	0.009		
360	0.008	0.008	0.009	0.009	7:26:05 AM	10/12/2011 7:26	0.009		
420	0.009	0.009	0.01	0.01	7:27:05 AM	10/12/2011 7:27	0.01		
480	0.01	0.01	0.01	0.01	7:28:05 AM	10/12/2011 7:28	0.011		
540	0.009	0.009	0.009	0.009	7:29:05 AM	10/12/2011 7:29	0.009		
600	0.009	0.009	0.009	0.009	7:30:05 AM	10/12/2011 7:30	0.01		
660	0.008	0.009	0.009	0.009	7:31:05 AM	10/12/2011 7:31	0.009		
720	0.008	0.008	0.009	0.009	7:32:05 AM	10/12/2011 7:32	0.009		
780	0.008	0.008	0.008	0.009	7:33:05 AM	10/12/2011 7:33	0.009		
840	0.008	0.008	0.008	0.008	7:34:05 AM	10/12/2011 7:34	0.008		
900	0.007	0.007	0.008	0.008	7:35:05 AM	10/12/2011 7:35	0.008		
960	0.007	0.007	0.007	0.008	7:36:05 AM	10/12/2011 7:36	0.008		
1020	0.009	0.01	0.01	0.011	7:37:05 AM	10/12/2011 7:37	0.011		
1080	0.009	0.009	0.009	0.009	7:38:05 AM	10/12/2011 7:38	0.009		
1140	0.007	0.008	0.008	0.008	7:39:05 AM	10/12/2011 7:39	0.008		
1200	0.008	0.009	0.009	0.009	7:40:05 AM	10/12/2011 7:40	0.009		
1260	0.013	0.013	0.013	0.013	7:41:05 AM	10/12/2011 7:41	0.013		
1320	0.008	0.008	0.008	0.009	7:42:05 AM	10/12/2011 7:42	0.009		
1380	0.009	0.009	0.009	0.01	7:43:05 AM	10/12/2011 7:43	0.01		
1440	0.008	0.008	0.008	0.009	7:44:05 AM	10/12/2011 7:44	0.009		
1500	0.008	0.008	0.009	0.009	7:45:05 AM	10/12/2011 7:45	0.009		
1560	0.012	0.012	0.012	0.013	7:46:05 AM	10/12/2011 7:46	0.013		
1620	0.014	0.014	0.014	0.015	7:47:05 AM	10/12/2011 7:47	0.015		
1680	0.011	0.011	0.011	0.011	7:48:05 AM	10/12/2011 7:48	0.011		
1740	0.009	0.009	0.009	0.01	7:49:05 AM	10/12/2011 7:49	0.01		
1800	0.013	0.013	0.013	0.014	7:50:05 AM	10/12/2011 7:50	0.014		
1860	0.009	0.009	0.009	0.01	7:51:05 AM	10/12/2011 7:51	0.01		
1920	0.009	0.009	0.01	0.01	7:52:05 AM	10/12/2011 7:52	0.01		

1980	0.009	0.009	0.01	0.01	7:53:05 AM	10/12/2011 7:53	0.01
2040	0.008	0.009	0.009	0.009	7:54:05 AM	10/12/2011 7:54	0.009
2100	0.01	0.01	0.011	0.011	7:55:05 AM	10/12/2011 7:55	0.011
2160	0.008	0.009	0.009	0.01	7:56:05 AM	10/12/2011 7:56	0.01
2220	0.007	0.007	0.008	0.008	7:57:05 AM	10/12/2011 7:57	0.008
2280	0.008	0.008	0.009	0.009	7:58:05 AM	10/12/2011 7:58	0.009
2340	0.008	0.009	0.009	0.009	7:59:05 AM	10/12/2011 7:59	0.009
2400	0.007	0.007	0.008	0.008	8:00:05 AM	10/12/2011 8:00	0.008
2460	0.007	0.008	0.008	0.008	8:01:05 AM	10/12/2011 8:01	0.008
2520	0.009	0.009	0.009	0.01	8:02:05 AM	10/12/2011 8:02	0.01
2580	0.011	0.011	0.011	0.012	8:03:05 AM	10/12/2011 8:03	0.012
2640	0.013	0.013	0.014	0.015	8:04:05 AM	10/12/2011 8:04	0.015
2700	0.009	0.01	0.01	0.01	8:05:05 AM	10/12/2011 8:05	0.011
2760	0.008	0.008	0.008	0.009	8:06:05 AM	10/12/2011 8:06	0.009
2820	0.008	0.008	0.008	0.009	8:07:05 AM	10/12/2011 8:07	0.009
2880	0.009	0.01	0.01	0.011	8:08:05 AM	10/12/2011 8:08	0.011
2940	0.009	0.009	0.01	0.011	8:09:05 AM	10/12/2011 8:09	0.011
3000	0.009	0.009	0.009	0.01	8:10:05 AM	10/12/2011 8:10	0.01
3060	0.008	0.009	0.009	0.01	8:11:05 AM	10/12/2011 8:11	0.01
3120	0.008	0.009	0.009	0.009	8:12:05 AM	10/12/2011 8:12	0.009
3180	0.008	0.009	0.009	0.009	8:13:05 AM	10/12/2011 8:13	0.01
3240	0.009	0.009	0.009	0.01	8:14:05 AM	10/12/2011 8:14	0.01
3300	0.008	0.008	0.008	0.009	8:15:05 AM	10/12/2011 8:15	0.009
3360	0.008	0.009	0.009	0.009	8:16:05 AM	10/12/2011 8:16	0.01
3420	0.009	0.009	0.009	0.01	8:17:05 AM	10/12/2011 8:17	0.01
3480	0.008	0.008	0.008	0.009	8:18:05 AM	10/12/2011 8:18	0.009
3540	0.01	0.01	0.01	0.011	8:19:05 AM	10/12/2011 8:19	0.011
3600	0.01	0.01	0.01	0.011	8:20:05 AM	10/12/2011 8:20	0.011
3660	0.008	0.009	0.009	0.009	8:21:05 AM	10/12/2011 8:21	0.01
3720	0.008	0.008	0.008	0.009	8:22:05 AM	10/12/2011 8:22	0.009
3780	0.007	0.007	0.008	0.008	8:23:05 AM	10/12/2011 8:23	0.008
3840	0.008	0.008	0.008	0.009	8:24:05 AM	10/12/2011 8:24	0.009
3900	0.01	0.01	0.01	0.011	8:25:05 AM	10/12/2011 8:25	0.011
3960	0.011	0.011	0.012	0.013	8:26:05 AM	10/12/2011 8:26	0.013
4020	0.011	0.011	0.011	0.013	8:27:05 AM	10/12/2011 8:27	0.013
4080	0.01	0.01	0.01	0.011	8:28:05 AM	10/12/2011 8:28	0.011
4140	0.01	0.01	0.011	0.012	8:29:05 AM	10/12/2011 8:29	0.012
4200	0.012	0.012	0.013	0.015	8:30:05 AM	10/12/2011 8:30	0.015
4260	0.011	0.011	0.012	0.014	8:31:05 AM	10/12/2011 8:31	0.014
4320	0.015	0.016	0.016	0.018	8:32:05 AM	10/12/2011 8:32	0.019
4380	0.014	0.015	0.015	0.016	8:33:05 AM	10/12/2011 8:33	0.016
4440	0.013	0.013	0.013	0.014	8:34:05 AM	10/12/2011 8:34	0.014
4500	0.008	0.008	0.009	0.009	8:35:05 AM	10/12/2011 8:35	0.009
4560	0.008	0.008	0.009	0.009	8:36:05 AM	10/12/2011 8:36	0.009
4620	0.011	0.011	0.011	0.012	8:37:05 AM	10/12/2011 8:37	0.012
4680	0.009	0.01	0.01	0.01	8:38:05 AM	10/12/2011 8:38	0.01
4740	0.009	0.009	0.009	0.01	8:39:05 AM	10/12/2011 8:39	0.01
4800	0.008	0.008	0.009	0.009	8:40:05 AM	10/12/2011 8:40	0.009
4860	0.008	0.008	0.009	0.009	8:41:05 AM	10/12/2011 8:41	0.009
4920	0.015	0.015	0.016	0.017	8:42:05 AM	10/12/2011 8:42	0.018
4980	0.013	0.013	0.013	0.014	8:43:05 AM	10/12/2011 8:43	0.014
5040	0.017	0.017	0.017	0.018	8:44:05 AM	10/12/2011 8:44	0.018
5100	0.019	0.02	0.02	0.021	8:45:05 AM	10/12/2011 8:45	0.021
5160	0.02	0.02	0.021	0.021	8:46:05 AM	10/12/2011 8:46	0.021
5220	0.027	0.028	0.028	0.03	8:47:05 AM	10/12/2011 8:47	0.03
5280	0.021	0.021	0.022	0.023	8:48:05 AM	10/12/2011 8:48	0.023
5340	0.016	0.016	0.017	0.018	8:49:05 AM	10/12/2011 8:49	0.018
5400	0.02	0.02	0.02	0.021	8:50:05 AM	10/12/2011 8:50	0.021
5460	0.02	0.021	0.021	0.023	8:51:05 AM	10/12/2011 8:51	0.023
5520	0.018	0.018	0.019	0.02	8:52:05 AM	10/12/2011 8:52	0.02
5580	0.019	0.02	0.02	0.021	8:53:05 AM	10/12/2011 8:53	0.021
5640	0.02	0.02	0.02	0.022	8:54:05 AM	10/12/2011 8:54	0.022
5700	0.014	0.014	0.015	0.016	8:55:05 AM	10/12/2011 8:55	0.016
5760	0.016	0.016	0.017	0.018	8:56:05 AM	10/12/2011 8:56	0.018
5820	0.019	0.019	0.02	0.022	8:57:05 AM	10/12/2011 8:57	0.022
5880	0.017	0.017	0.018	0.02	8:58:05 AM	10/12/2011 8:58	0.021
5940	0.017	0.018	0.018	0.02	8:59:05 AM	10/12/2011 8:59	0.02
6000	0.013	0.013	0.014	0.015	9:00:05 AM	10/12/2011 9:00	0.015
6060	0.016	0.017	0.017	0.018	9:01:05 AM	10/12/2011 9:01	0.018

6120	0.018	0.018	0.019	0.02	9:02:05 AM	10/12/2011 9:02	0.02
6180	0.016	0.016	0.016	0.017	9:03:05 AM	10/12/2011 9:03	0.017
6240	0.016	0.016	0.017	0.018	9:04:05 AM	10/12/2011 9:04	0.018
6300	0.017	0.018	0.018	0.019	9:05:05 AM	10/12/2011 9:05	0.019
6360	0.01	0.01	0.01	0.011	9:06:05 AM	10/12/2011 9:06	0.011
6420	0.012	0.013	0.013	0.014	9:07:05 AM	10/12/2011 9:07	0.014
6480	0.015	0.015	0.015	0.016	9:08:05 AM	10/12/2011 9:08	0.016
6540	0.017	0.017	0.018	0.018	9:09:05 AM	10/12/2011 9:09	0.019
6600	0.015	0.015	0.016	0.016	9:10:05 AM	10/12/2011 9:10	0.016
6660	0.017	0.017	0.017	0.018	9:11:05 AM	10/12/2011 9:11	0.018
6720	0.013	0.013	0.013	0.014	9:12:05 AM	10/12/2011 9:12	0.014
6780	0.012	0.013	0.013	0.014	9:13:05 AM	10/12/2011 9:13	0.014
6840	0.012	0.012	0.012	0.013	9:14:05 AM	10/12/2011 9:14	0.013
6900	0.016	0.016	0.016	0.017	9:15:05 AM	10/12/2011 9:15	0.017
6960	0.018	0.019	0.019	0.02	9:16:05 AM	10/12/2011 9:16	0.02
7020	0.011	0.011	0.011	0.012	9:17:05 AM	10/12/2011 9:17	0.012
7080	0.012	0.012	0.013	0.013	9:18:05 AM	10/12/2011 9:18	0.013
7140	0.01	0.01	0.01	0.011	9:19:05 AM	10/12/2011 9:19	0.012
7200	0.012	0.013	0.013	0.013	9:20:05 AM	10/12/2011 9:20	0.013
7260	0.013	0.013	0.013	0.014	9:21:05 AM	10/12/2011 9:21	0.014
7320	0.014	0.015	0.015	0.016	9:22:05 AM	10/12/2011 9:22	0.016
7380	0.017	0.017	0.017	0.019	9:23:05 AM	10/12/2011 9:23	0.02
7440	0.011	0.012	0.012	0.012	9:24:05 AM	10/12/2011 9:24	0.013
7500	0.015	0.015	0.016	0.017	9:25:05 AM	10/12/2011 9:25	0.017
7560	0.012	0.012	0.013	0.013	9:26:05 AM	10/12/2011 9:26	0.013
7620	0.013	0.013	0.014	0.015	9:27:05 AM	10/12/2011 9:27	0.015
7680	0.012	0.012	0.013	0.013	9:28:05 AM	10/12/2011 9:28	0.013
7740	0.016	0.016	0.016	0.017	9:29:05 AM	10/12/2011 9:29	0.018
7800	0.013	0.013	0.014	0.015	9:30:05 AM	10/12/2011 9:30	0.015
7860	0.012	0.012	0.012	0.013	9:31:05 AM	10/12/2011 9:31	0.013
7920	0.01	0.01	0.01	0.011	9:32:05 AM	10/12/2011 9:32	0.012
7980	0.013	0.014	0.014	0.015	9:33:05 AM	10/12/2011 9:33	0.015
8040	0.012	0.012	0.013	0.013	9:34:05 AM	10/12/2011 9:34	0.014
8100	0.012	0.012	0.013	0.014	9:35:05 AM	10/12/2011 9:35	0.014
8160	0.015	0.015	0.016	0.018	9:36:05 AM	10/12/2011 9:36	0.02
8220	0.017	0.017	0.018	0.018	9:37:05 AM	10/12/2011 9:37	0.019
8280	0.015	0.015	0.016	0.016	9:38:05 AM	10/12/2011 9:38	0.016
8340	0.019	0.02	0.02	0.021	9:39:05 AM	10/12/2011 9:39	0.021
8400	0.018	0.018	0.019	0.019	9:40:05 AM	10/12/2011 9:40	0.019
8460	0.022	0.022	0.022	0.024	9:41:05 AM	10/12/2011 9:41	0.024
8520	0.018	0.019	0.019	0.019	9:42:05 AM	10/12/2011 9:42	0.019
8580	0.015	0.015	0.016	0.017	9:43:05 AM	10/12/2011 9:43	0.017
8640	0.015	0.015	0.015	0.015	9:44:05 AM	10/12/2011 9:44	0.015
8700	0.013	0.013	0.013	0.014	9:45:05 AM	10/12/2011 9:45	0.015
8760	0.013	0.013	0.014	0.015	9:46:05 AM	10/12/2011 9:46	0.015
8820	0.015	0.015	0.015	0.016	9:47:05 AM	10/12/2011 9:47	0.016
8880	0.01	0.01	0.01	0.011	9:48:05 AM	10/12/2011 9:48	0.012
8940	0.014	0.014	0.015	0.017	9:49:05 AM	10/12/2011 9:49	0.017
9000	0.015	0.015	0.015	0.016	9:50:05 AM	10/12/2011 9:50	0.016
9060	0.017	0.017	0.017	0.019	9:51:05 AM	10/12/2011 9:51	0.019
9120	0.015	0.015	0.016	0.016	9:52:05 AM	10/12/2011 9:52	0.016
9180	0.016	0.017	0.017	0.018	9:53:05 AM	10/12/2011 9:53	0.018
9240	0.025	0.026	0.027	0.031	9:54:05 AM	10/12/2011 9:54	0.035
9300	0.031	0.031	0.032	0.034	9:55:05 AM	10/12/2011 9:55	0.035
9360	0.022	0.023	0.024	0.026	9:56:05 AM	10/12/2011 9:56	0.027
9420	0.03	0.031	0.032	0.034	9:57:05 AM	10/12/2011 9:57	0.035
9480	0.027	0.027	0.029	0.032	9:58:05 AM	10/12/2011 9:58	0.034
9540	0.022	0.023	0.024	0.027	9:59:05 AM	10/12/2011 9:59	0.028
9600	0.014	0.015	0.016	0.018	10:00:05 AM	10/12/2011 10:00	0.018
9660	0.021	0.022	0.023	0.025	10:01:05 AM	10/12/2011 10:01	0.026
9720	0.016	0.017	0.018	0.021	10:02:05 AM	10/12/2011 10:02	0.022
9780	0.017	0.018	0.02	0.023	10:03:05 AM	10/12/2011 10:03	0.024
9840	0.025	0.026	0.028	0.03	10:04:05 AM	10/12/2011 10:04	0.031
9900	0.028	0.029	0.031	0.038	10:05:05 AM	10/12/2011 10:05	0.04
9960	0.016	0.017	0.018	0.022	10:06:05 AM	10/12/2011 10:06	0.022
10020	0.014	0.015	0.016	0.018	10:07:05 AM	10/12/2011 10:07	0.019
10080	0.017	0.018	0.019	0.023	10:08:05 AM	10/12/2011 10:08	0.023
10140	0.023	0.023	0.024	0.026	10:09:05 AM	10/12/2011 10:09	0.027
10200	0.02	0.021	0.022	0.026	10:10:05 AM	10/12/2011 10:10	0.028

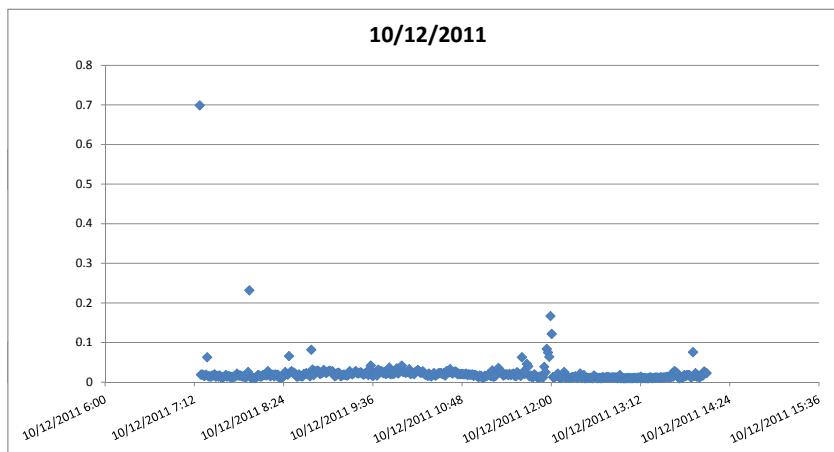
10260	0.015	0.016	0.017	0.02	10:11:05 AM	10/12/2011 10:11	0.021
10320	0.02	0.02	0.021	0.024	10:12:05 AM	10/12/2011 10:12	0.024
10380	0.015	0.015	0.016	0.018	10:13:05 AM	10/12/2011 10:13	0.019
10440	0.019	0.02	0.021	0.023	10:14:05 AM	10/12/2011 10:14	0.023
10500	0.016	0.016	0.017	0.02	10:15:05 AM	10/12/2011 10:15	0.02
10560	0.014	0.015	0.016	0.018	10:16:05 AM	10/12/2011 10:16	0.018
10620	0.014	0.015	0.016	0.018	10:17:05 AM	10/12/2011 10:17	0.018
10680	0.013	0.014	0.015	0.016	10:18:05 AM	10/12/2011 10:18	0.016
10740	0.017	0.018	0.02	0.023	10:19:05 AM	10/12/2011 10:19	0.025
10800	0.019	0.019	0.02	0.023	10:20:05 AM	10/12/2011 10:20	0.025
10860	0.016	0.017	0.018	0.019	10:21:05 AM	10/12/2011 10:21	0.02
10920	0.011	0.012	0.012	0.014	10:22:05 AM	10/12/2011 10:22	0.014
10980	0.015	0.015	0.016	0.018	10:23:05 AM	10/12/2011 10:23	0.018
11040	0.014	0.015	0.017	0.02	10:24:05 AM	10/12/2011 10:24	0.02
11100	0.016	0.017	0.018	0.02	10:25:05 AM	10/12/2011 10:25	0.021
11160	0.014	0.015	0.016	0.018	10:26:05 AM	10/12/2011 10:26	0.018
11220	0.015	0.015	0.016	0.019	10:27:05 AM	10/12/2011 10:27	0.019
11280	0.013	0.014	0.015	0.016	10:28:05 AM	10/12/2011 10:28	0.017
11340	0.017	0.018	0.019	0.023	10:29:05 AM	10/12/2011 10:29	0.024
11400	0.015	0.016	0.016	0.018	10:30:05 AM	10/12/2011 10:30	0.019
11460	0.021	0.022	0.023	0.029	10:31:05 AM	10/12/2011 10:31	0.032
11520	0.015	0.015	0.016	0.017	10:32:05 AM	10/12/2011 10:32	0.017
11580	0.017	0.018	0.019	0.021	10:33:05 AM	10/12/2011 10:33	0.022
11640	0.023	0.023	0.025	0.027	10:34:05 AM	10/12/2011 10:34	0.028
11700	0.017	0.018	0.019	0.02	10:35:05 AM	10/12/2011 10:35	0.02
11760	0.016	0.016	0.017	0.019	10:36:05 AM	10/12/2011 10:36	0.019
11820	0.015	0.016	0.017	0.019	10:37:05 AM	10/12/2011 10:37	0.019
11880	0.015	0.016	0.017	0.019	10:38:05 AM	10/12/2011 10:38	0.019
11940	0.019	0.019	0.02	0.022	10:39:05 AM	10/12/2011 10:39	0.022
12000	0.025	0.026	0.027	0.03	10:40:05 AM	10/12/2011 10:40	0.031
12060	0.02	0.021	0.021	0.023	10:41:05 AM	10/12/2011 10:41	0.023
12120	0.012	0.012	0.013	0.015	10:42:05 AM	10/12/2011 10:42	0.015
12180	0.015	0.015	0.016	0.018	10:43:05 AM	10/12/2011 10:43	0.018
12240	0.019	0.019	0.02	0.022	10:44:05 AM	10/12/2011 10:44	0.022
12300	0.016	0.016	0.017	0.019	10:45:05 AM	10/12/2011 10:45	0.02
12360	0.014	0.015	0.016	0.02	10:46:05 AM	10/12/2011 10:46	0.02
12420	0.015	0.016	0.017	0.019	10:47:05 AM	10/12/2011 10:47	0.02
12480	0.013	0.014	0.015	0.018	10:48:05 AM	10/12/2011 10:48	0.019
12540	0.016	0.017	0.018	0.02	10:49:05 AM	10/12/2011 10:49	0.02
12600	0.012	0.013	0.014	0.016	10:50:05 AM	10/12/2011 10:50	0.016
12660	0.012	0.013	0.014	0.015	10:51:05 AM	10/12/2011 10:51	0.015
12720	0.016	0.016	0.017	0.018	10:52:05 AM	10/12/2011 10:52	0.019
12780	0.015	0.015	0.016	0.018	10:53:05 AM	10/12/2011 10:53	0.018
12840	0.012	0.013	0.014	0.016	10:54:05 AM	10/12/2011 10:54	0.016
12900	0.015	0.016	0.017	0.018	10:55:05 AM	10/12/2011 10:55	0.018
12960	0.014	0.015	0.016	0.018	10:56:05 AM	10/12/2011 10:56	0.018
13020	0.015	0.016	0.017	0.02	10:57:05 AM	10/12/2011 10:57	0.022
13080	0.017	0.017	0.018	0.02	10:58:05 AM	10/12/2011 10:58	0.02
13140	0.014	0.014	0.015	0.017	10:59:05 AM	10/12/2011 10:59	0.018
13200	0.016	0.017	0.018	0.02	11:00:05 AM	10/12/2011 11:00	0.02
13260	0.016	0.017	0.017	0.019	11:01:05 AM	10/12/2011 11:01	0.019
13320	0.013	0.014	0.014	0.016	11:02:05 AM	10/12/2011 11:02	0.016
13380	0.013	0.013	0.014	0.016	11:03:05 AM	10/12/2011 11:03	0.016
13440	0.017	0.018	0.019	0.021	11:04:05 AM	10/12/2011 11:04	0.021
13500	0.012	0.013	0.013	0.014	11:05:05 AM	10/12/2011 11:05	0.014
13560	0.013	0.013	0.014	0.016	11:06:05 AM	10/12/2011 11:06	0.016
13620	0.019	0.02	0.021	0.023	11:07:05 AM	10/12/2011 11:07	0.023
13680	0.016	0.016	0.017	0.019	11:08:05 AM	10/12/2011 11:08	0.02
13740	0.017	0.017	0.018	0.02	11:09:05 AM	10/12/2011 11:09	0.021
13800	0.015	0.016	0.016	0.018	11:10:05 AM	10/12/2011 11:10	0.018
13860	0.013	0.013	0.014	0.015	11:11:05 AM	10/12/2011 11:11	0.015
13920	0.014	0.015	0.015	0.018	11:12:05 AM	10/12/2011 11:12	0.018
13980	0.013	0.014	0.015	0.015	11:13:05 AM	10/12/2011 11:13	0.015
14040	0.019	0.02	0.021	0.023	11:14:05 AM	10/12/2011 11:14	0.024
14100	0.015	0.016	0.017	0.018	11:15:05 AM	10/12/2011 11:15	0.019
14160	0.023	0.024	0.025	0.027	11:16:05 AM	10/12/2011 11:16	0.027
14220	0.015	0.016	0.017	0.018	11:17:05 AM	10/12/2011 11:17	0.019
14280	0.018	0.019	0.02	0.021	11:18:05 AM	10/12/2011 11:18	0.021
14340	0.017	0.017	0.018	0.02	11:19:05 AM	10/12/2011 11:19	0.02

14400	0.017	0.017	0.018	0.02	11:20:05 AM	10/12/2011 11:20	0.021
14460	0.013	0.014	0.015	0.016	11:21:05 AM	10/12/2011 11:21	0.017
14520	0.016	0.017	0.018	0.019	11:22:05 AM	10/12/2011 11:22	0.02
14580	0.016	0.017	0.018	0.02	11:23:05 AM	10/12/2011 11:23	0.02
14640	0.014	0.015	0.016	0.017	11:24:05 AM	10/12/2011 11:24	0.017
14700	0.018	0.019	0.02	0.021	11:25:05 AM	10/12/2011 11:25	0.022
14760	0.017	0.017	0.019	0.024	11:26:05 AM	10/12/2011 11:26	0.024
14820	0.017	0.018	0.019	0.021	11:27:05 AM	10/12/2011 11:27	0.022
14880	0.016	0.017	0.018	0.02	11:28:05 AM	10/12/2011 11:28	0.02
14940	0.02	0.02	0.021	0.022	11:29:05 AM	10/12/2011 11:29	0.022
15000	0.018	0.018	0.019	0.02	11:30:05 AM	10/12/2011 11:30	0.021
15060	0.012	0.012	0.013	0.015	11:31:05 AM	10/12/2011 11:31	0.016
15120	0.017	0.018	0.019	0.021	11:32:05 AM	10/12/2011 11:32	0.021
15180	0.016	0.016	0.017	0.019	11:33:05 AM	10/12/2011 11:33	0.019
15240	0.015	0.015	0.016	0.018	11:34:05 AM	10/12/2011 11:34	0.018
15300	0.014	0.015	0.015	0.017	11:35:05 AM	10/12/2011 11:35	0.017
15360	0.015	0.016	0.017	0.02	11:36:05 AM	10/12/2011 11:36	0.02
15420	0.016	0.017	0.018	0.021	11:37:05 AM	10/12/2011 11:37	0.021
15480	0.012	0.012	0.013	0.015	11:38:05 AM	10/12/2011 11:38	0.015
15540	0.01	0.011	0.012	0.013	11:39:05 AM	10/12/2011 11:39	0.013
15600	0.01	0.011	0.012	0.013	11:40:05 AM	10/12/2011 11:40	0.013
15660	0.01	0.011	0.012	0.014	11:41:05 AM	10/12/2011 11:41	0.014
15720	0.01	0.011	0.012	0.014	11:42:05 AM	10/12/2011 11:42	0.015
15780	0.01	0.01	0.011	0.013	11:43:05 AM	10/12/2011 11:43	0.014
15840	0.009	0.009	0.01	0.011	11:44:05 AM	10/12/2011 11:44	0.012
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15960	0.009	0.009	0.01	0.012	11:46:05 AM	10/12/2011 11:46	0.013
16020	0.012	0.013	0.014	0.017	11:47:05 AM	10/12/2011 11:47	0.018
16080	0.009	0.01	0.011	0.013	11:48:05 AM	10/12/2011 11:48	0.015
16140	0.008	0.008	0.009	0.011	11:49:05 AM	10/12/2011 11:49	0.011
16200	0.008	0.009	0.01	0.011	11:50:05 AM	10/12/2011 11:50	0.011
16260	0.009	0.009	0.01	0.012	11:51:05 AM	10/12/2011 11:51	0.013
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16380	0.009	0.01	0.01	0.011	11:53:05 AM	10/12/2011 11:53	0.012
16440	0.009	0.009	0.01	0.012	11:54:05 AM	10/12/2011 11:54	0.012
16500	0.008	0.009	0.009	0.011	11:55:05 AM	10/12/2011 11:55	0.011
16560	0.009	0.009	0.01	0.012	11:56:05 AM	10/12/2011 11:56	0.013
16620	0.014	0.015	0.016	0.022	11:57:05 AM	10/12/2011 11:57	0.022
16680	0.008	0.008	0.009	0.011	11:58:05 AM	10/12/2011 11:58	0.011
16740	0.009	0.009	0.01	0.012	11:59:05 AM	10/12/2011 11:59	0.014
16800	0.009	0.01	0.011	0.013	12:00:05 PM	10/12/2011 12:00	0.014
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16920	0.01	0.01	0.011	0.012	12:02:05 PM	10/12/2011 12:02	0.012
16980	0.01	0.011	0.011	0.013	12:03:05 PM	10/12/2011 12:03	0.013
17040	0.01	0.011	0.012	0.013	12:04:05 PM	10/12/2011 12:04	0.014
17100	0.011	0.011	0.012	0.016	12:05:05 PM	10/12/2011 12:05	0.016
17160	0.009	0.01	0.011	0.012	12:06:05 PM	10/12/2011 12:06	0.012
17220	0.009	0.01	0.011	0.014	12:07:05 PM	10/12/2011 12:07	0.014
17280	0.01	0.011	0.012	0.015	12:08:05 PM	10/12/2011 12:08	0.016
17340	0.011	0.011	0.012	0.014	12:09:05 PM	10/12/2011 12:09	0.015
17400	0.009	0.01	0.01	0.012	12:10:05 PM	10/12/2011 12:10	0.012
17460	0.009	0.01	0.011	0.013	12:11:05 PM	10/12/2011 12:11	0.014
17520	0.008	0.009	0.01	0.012	12:12:05 PM	10/12/2011 12:12	0.012
17580	0.008	0.009	0.01	0.011	12:13:05 PM	10/12/2011 12:13	0.012
17640	0.01	0.01	0.011	0.014	12:14:05 PM	10/12/2011 12:14	0.014
17700	0.01	0.01	0.011	0.013	12:15:05 PM	10/12/2011 12:15	0.014
17760	0.007	0.008	0.009	0.01	12:16:05 PM	10/12/2011 12:16	0.011
17820	0.007	0.008	0.008	0.01	12:17:05 PM	10/12/2011 12:17	0.01
17880	0.008	0.008	0.009	0.011	12:18:05 PM	10/12/2011 12:18	0.012
17940	0.008	0.008	0.009	0.01	12:19:05 PM	10/12/2011 12:19	0.01
18000	0.008	0.009	0.01	0.012	12:20:05 PM	10/12/2011 12:20	0.012
18060	0.008	0.008	0.009	0.009	12:21:05 PM	10/12/2011 12:21	0.009
18120	0.008	0.009	0.009	0.011	12:22:05 PM	10/12/2011 12:22	0.011
18180	0.009	0.009	0.01	0.011	12:23:05 PM	10/12/2011 12:23	0.012
18240	0.009	0.009	0.01	0.011	12:24:05 PM	10/12/2011 12:24	0.011
18300	0.011	0.011	0.013	0.017	12:25:05 PM	10/12/2011 12:25	0.019
18360	0.009	0.009	0.01	0.012	12:26:05 PM	10/12/2011 12:26	0.012
18420	0.009	0.009	0.01	0.011	12:27:05 PM	10/12/2011 12:27	0.011
18480	0.009	0.01	0.011	0.013	12:28:05 PM	10/12/2011 12:28	0.014

18540	0.008	0.008	0.009	0.01	12:29:05 PM	10/12/2011 12:29	0.01
18600	0.008	0.008	0.009	0.009	12:30:05 PM	10/12/2011 12:30	0.009
18660	0.009	0.009	0.01	0.012	12:31:05 PM	10/12/2011 12:31	0.013
18720	0.008	0.009	0.009	0.01	12:32:05 PM	10/12/2011 12:32	0.01
18780	0.008	0.009	0.01	0.012	12:33:05 PM	10/12/2011 12:33	0.013
18840	0.008	0.008	0.009	0.012	12:34:05 PM	10/12/2011 12:34	0.012
18900	0.01	0.01	0.011	0.014	12:35:05 PM	10/12/2011 12:35	0.015
18960	0.008	0.009	0.01	0.012	12:36:05 PM	10/12/2011 12:36	0.012
19020	0.009	0.01	0.01	0.013	12:37:05 PM	10/12/2011 12:37	0.013
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19380	0.01	0.01	0.011	0.014	12:43:05 PM	10/12/2011 12:43	0.015
19440	0.01	0.01	0.011	0.014	12:44:05 PM	10/12/2011 12:44	0.014
19500	0.009	0.01	0.011	0.013	12:45:05 PM	10/12/2011 12:45	0.013
19560	0.008	0.009	0.01	0.011	12:46:05 PM	10/12/2011 12:46	0.012
19620	0.009	0.009	0.01	0.011	12:47:05 PM	10/12/2011 12:47	0.011
19680	0.009	0.01	0.011	0.012	12:48:05 PM	10/12/2011 12:48	0.012
19740	0.01	0.01	0.011	0.012	12:49:05 PM	10/12/2011 12:49	0.013
19800	0.009	0.01	0.011	0.012	12:50:05 PM	10/12/2011 12:50	0.012
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19920	0.01	0.01	0.011	0.013	12:52:05 PM	10/12/2011 12:52	0.013
19980	0.009	0.01	0.01	0.012	12:53:05 PM	10/12/2011 12:53	0.012
20040	0.008	0.009	0.01	0.011	12:54:05 PM	10/12/2011 12:54	0.011
20100	0.008	0.009	0.01	0.011	12:55:05 PM	10/12/2011 12:55	0.012
20160	0.009	0.009	0.01	0.011	12:56:05 PM	10/12/2011 12:56	0.011
20220	0.009	0.009	0.01	0.012	12:57:05 PM	10/12/2011 12:57	0.012
20280	0.008	0.009	0.009	0.01	12:58:05 PM	10/12/2011 12:58	0.01
20340	0.008	0.008	0.009	0.01	12:59:05 PM	10/12/2011 12:59	0.011
20400	0.008	0.009	0.009	0.01	1:00:05 PM	10/12/2011 13:00	0.01
20460	0.008	0.009	0.009	0.01	1:01:05 PM	10/12/2011 13:01	0.011
20520	0.008	0.008	0.009	0.009	1:02:05 PM	10/12/2011 13:02	0.009
20580	0.008	0.008	0.009	0.01	1:03:05 PM	10/12/2011 13:03	0.01
20640	0.008	0.008	0.009	0.01	1:04:05 PM	10/12/2011 13:04	0.01
20700	0.009	0.009	0.01	0.011	1:05:05 PM	10/12/2011 13:05	0.012
20760	0.008	0.009	0.009	0.01	1:06:05 PM	10/12/2011 13:06	0.01
20820	0.008	0.009	0.009	0.011	1:07:05 PM	10/12/2011 13:07	0.011
20880	0.008	0.009	0.009	0.01	1:08:05 PM	10/12/2011 13:08	0.01
20940	0.009	0.009	0.01	0.011	1:09:05 PM	10/12/2011 13:09	0.012
21000	0.008	0.009	0.009	0.012	1:10:05 PM	10/12/2011 13:10	0.012
21060	0.008	0.009	0.01	0.011	1:11:05 PM	10/12/2011 13:11	0.011
21120	0.009	0.009	0.01	0.012	1:12:05 PM	10/12/2011 13:12	0.013
21180	0.01	0.011	0.012	0.016	1:13:05 PM	10/12/2011 13:13	0.016
21240	0.008	0.008	0.009	0.011	1:14:05 PM	10/12/2011 13:14	0.012
21300	0.009	0.009	0.01	0.013	1:15:05 PM	10/12/2011 13:15	0.013
21360	0.008	0.008	0.009	0.011	1:16:05 PM	10/12/2011 13:16	0.011
21420	0.008	0.009	0.009	0.011	1:17:05 PM	10/12/2011 13:17	0.011
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21600	0.009	0.01	0.01	0.012	1:20:05 PM	10/12/2011 13:20	0.012
21660	0.011	0.012	0.013	0.015	1:21:05 PM	10/12/2011 13:21	0.016
21720	0.009	0.01	0.01	0.011	1:22:05 PM	10/12/2011 13:22	0.011
21780	0.012	0.012	0.013	0.014	1:23:05 PM	10/12/2011 13:23	0.016
21840	0.011	0.012	0.012	0.014	1:24:05 PM	10/12/2011 13:24	0.014
21900	0.011	0.012	0.012	0.014	1:25:05 PM	10/12/2011 13:25	0.014
21960	0.01	0.01	0.011	0.012	1:26:05 PM	10/12/2011 13:26	0.013
22020	0.012	0.013	0.014	0.016	1:27:05 PM	10/12/2011 13:27	0.016
22080	0.01	0.01	0.011	0.012	1:28:05 PM	10/12/2011 13:28	0.012
22140	0.009	0.01	0.01	0.011	1:29:05 PM	10/12/2011 13:29	0.011
22200	0.01	0.01	0.011	0.013	1:30:05 PM	10/12/2011 13:30	0.013
22260	0.011	0.012	0.013	0.016	1:31:05 PM	10/12/2011 13:31	0.017
22320	0.009	0.01	0.011	0.013	1:32:05 PM	10/12/2011 13:32	0.013
22380	0.009	0.01	0.01	0.012	1:33:05 PM	10/12/2011 13:33	0.012
22440	0.01	0.011	0.012	0.014	1:34:05 PM	10/12/2011 13:34	0.014
22500	0.01	0.01	0.011	0.012	1:35:05 PM	10/12/2011 13:35	0.012
22560	0.011	0.011	0.012	0.014	1:36:05 PM	10/12/2011 13:36	0.015
22620	0.009	0.009	0.01	0.011	1:37:05 PM	10/12/2011 13:37	0.011

22680	0.01	0.01	0.011	0.013	1:38:05 PM	10/12/2011 13:38	0.013
22740	0.009	0.01	0.011	0.012	1:39:05 PM	10/12/2011 13:39	0.012
22800	0.01	0.01	0.011	0.012	1:40:05 PM	10/12/2011 13:40	0.013
22860	0.009	0.01	0.011	0.012	1:41:05 PM	10/12/2011 13:41	0.012
22920	0.01	0.011	0.011	0.013	1:42:05 PM	10/12/2011 13:42	0.013
22980	0.009	0.01	0.011	0.014	1:43:05 PM	10/12/2011 13:43	0.014
23040	0.009	0.009	0.01	0.011	1:44:05 PM	10/12/2011 13:44	0.011
23100	0.008	0.008	0.009	0.009	1:45:05 PM	10/12/2011 13:45	0.009
23160	0.008	0.008	0.009	0.01	1:46:05 PM	10/12/2011 13:46	0.011
23220	0.008	0.008	0.009	0.01	1:47:05 PM	10/12/2011 13:47	0.01
23280	0.009	0.009	0.01	0.011	1:48:05 PM	10/12/2011 13:48	0.011
23340	0.01	0.011	0.011	0.013	1:49:05 PM	10/12/2011 13:49	0.013
23400	0.011	0.011	0.012	0.014	1:50:05 PM	10/12/2011 13:50	0.014
23460	0.013	0.014	0.014	0.015	1:51:05 PM	10/12/2011 13:51	0.016
23520	0.013	0.014	0.015	0.018	1:52:05 PM	10/12/2011 13:52	0.018
23580	0.01	0.01	0.011	0.012	1:53:05 PM	10/12/2011 13:53	0.012
23640	0.011	0.012	0.014	0.017	1:54:05 PM	10/12/2011 13:54	0.018
23700	0.01	0.011	0.012	0.015	1:55:05 PM	10/12/2011 13:55	0.015
23760	0.01	0.011	0.012	0.013	1:56:05 PM	10/12/2011 13:56	0.013
23820	0.009	0.01	0.01	0.012	1:57:05 PM	10/12/2011 13:57	0.012
23880	0.009	0.009	0.01	0.011	1:58:05 PM	10/12/2011 13:58	0.012
23940	0.012	0.012	0.013	0.015	1:59:05 PM	10/12/2011 13:59	0.015
24000	0.009	0.01	0.01	0.012	2:00:05 PM	10/12/2011 14:00	0.012
24060	0.011	0.011	0.012	0.014	2:01:05 PM	10/12/2011 14:01	0.014
24120	0.011	0.012	0.013	0.015	2:02:05 PM	10/12/2011 14:02	0.015
24180	0.009	0.01	0.011	0.012	2:03:05 PM	10/12/2011 14:03	0.012
24240	0.01	0.01	0.011	0.012	2:04:05 PM	10/12/2011 14:04	0.012

Instrument Name DustTrak DRX
 Model Number 8533
 Serial Number 8533112903
 Firmware Version 2.8
 Calibration Date 7/18/2011
 Test Name MANUAL_007
 Test Start Time 7:15:16
 Test Start Date 10/12/2011
 Test Length [D:H:M] 0:06:50
 Test Interval [M:S] 1:00
 PM1 Average [mg/m³] 0.016
 PM1 Minimum [mg/m³] 0.008
 PM1 Maximum [mg/m³] 0.37
 PM1 TWA [mg/m³] 0.014
 PM2.5 Average [mg/m³] 0.017
 PM2.5 Minimum [mg/m³] 0.009
 PM2.5 Maximum [mg/m³] 0.372
 PM2.5 TWA [mg/m³] 0.015
 PM4 Average [mg/m³] 0.018
 PM4 Minimum [mg/m³] 0.009
 PM4 Maximum [mg/m³] 0.38
 PM4 TWA [mg/m³] 0.016
 PM10 Average [mg/m³] 0.021
 PM10 Minimum [mg/m³] 0.01
 PM10 Maximum [mg/m³] 0.532
 PM10 TWA [mg/m³] 0.018
 TOTAL Average [mg/m³] 0.022
 TOTAL Minimum [mg/m³] 0.01
 TOTAL Maximum [mg/m³] 0.699
 TOTAL TWA [mg/m³] 0.019
 Photometric User Cal 1
 Size Correction User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 410



Elapsed Time [s]	PM1 [mg/m ³]	PM2.5 [mg/m ³]	PM4 [mg/m ³]	PM10 [mg/m ³]	7:15:16 Time/Date	TOTAL [mg/m ³]	Alarms	Errors
60	0.37	0.372	0.38	0.532	7:16:16 10/12/2011 7:16	0.699		
120	0.012	0.013	0.015	0.017	7:17:16 10/12/2011 7:17	0.019		
180	0.013	0.014	0.015	0.018	7:18:16 10/12/2011 7:18	0.02		
240	0.011	0.012	0.013	0.016	7:19:16 10/12/2011 7:19	0.017		
300	0.011	0.012	0.013	0.015	7:20:16 10/12/2011 7:20	0.016		
360	0.013	0.014	0.015	0.018	7:21:16 10/12/2011 7:21	0.019		
420	0.029	0.03	0.032	0.05	7:22:16 10/12/2011 7:22	0.063		
480	0.011	0.012	0.012	0.014	7:23:16 10/12/2011 7:23	0.015		
540	0.011	0.012	0.013	0.014	7:24:16 10/12/2011 7:24	0.015		
600	0.011	0.012	0.013	0.014	7:25:16 10/12/2011 7:25	0.014		
660	0.011	0.012	0.013	0.016	7:26:16 10/12/2011 7:26	0.017		
720	0.012	0.013	0.014	0.016	7:27:16 10/12/2011 7:27	0.017		
780	0.013	0.014	0.016	0.019	7:28:16 10/12/2011 7:28	0.02		
840	0.011	0.012	0.013	0.014	7:29:16 10/12/2011 7:29	0.014		
900	0.011	0.012	0.013	0.015	7:30:16 10/12/2011 7:30	0.016		
960	0.01	0.011	0.012	0.014	7:31:16 10/12/2011 7:31	0.014		
1020	0.012	0.012	0.013	0.016	7:32:16 10/12/2011 7:32	0.017		
1080	0.01	0.011	0.011	0.012	7:33:16 10/12/2011 7:33	0.013		
1140	0.01	0.011	0.011	0.012	7:34:16 10/12/2011 7:34	0.013		
1200	0.01	0.011	0.012	0.013	7:35:16 10/12/2011 7:35	0.013		
1260	0.012	0.013	0.014	0.014	7:36:16 10/12/2011 7:36	0.015		
1320	0.013	0.015	0.016	0.017	7:37:16 10/12/2011 7:37	0.018		
1380	0.01	0.011	0.012	0.013	7:38:16 10/12/2011 7:38	0.014		
1440	0.012	0.012	0.013	0.015	7:39:16 10/12/2011 7:39	0.016		
1500	0.01	0.011	0.012	0.014	7:40:16 10/12/2011 7:40	0.014		
1560	0.01	0.011	0.012	0.014	7:41:16 10/12/2011 7:41	0.014		
1620	0.009	0.01	0.011	0.012	7:42:16 10/12/2011 7:42	0.012		
1680	0.01	0.011	0.012	0.014	7:43:16 10/12/2011 7:43	0.014		
1740	0.01	0.011	0.012	0.014	7:44:16 10/12/2011 7:44	0.014		
1800	0.011	0.011	0.012	0.014	7:45:16 10/12/2011 7:45	0.015		
1860	0.017	0.018	0.019	0.021	7:46:16 10/12/2011 7:46	0.022		
1920	0.012	0.013	0.014	0.016	7:47:16 10/12/2011 7:47	0.017		

1980	0.012	0.012	0.013	0.017	7:48:16	10/12/2011 7:48	0.017
2040	0.012	0.013	0.014	0.017	7:49:16	10/12/2011 7:49	0.017
2100	0.012	0.012	0.013	0.015	7:50:16	10/12/2011 7:50	0.015
2160	0.011	0.012	0.012	0.014	7:51:16	10/12/2011 7:51	0.014
2220	0.011	0.012	0.013	0.014	7:52:16	10/12/2011 7:52	0.014
2280	0.011	0.011	0.012	0.013	7:53:16	10/12/2011 7:53	0.013
2340	0.01	0.011	0.012	0.014	7:54:16	10/12/2011 7:54	0.014
2400	0.015	0.016	0.018	0.023	7:55:16	10/12/2011 7:55	0.026
2460	0.182	0.183	0.186	0.211	7:56:16	10/12/2011 7:56	0.232
2520	0.009	0.01	0.01	0.012	7:57:16	10/12/2011 7:57	0.012
2580	0.009	0.01	0.01	0.011	7:58:16	10/12/2011 7:58	0.011
2640	0.008	0.009	0.01	0.011	7:59:16	10/12/2011 7:59	0.011
2700	0.008	0.009	0.01	0.011	8:00:16	10/12/2011 8:00	0.011
2760	0.009	0.01	0.01	0.011	8:01:16	10/12/2011 8:01	0.011
2820	0.01	0.011	0.012	0.013	8:02:16	10/12/2011 8:02	0.013
2880	0.014	0.015	0.016	0.018	8:03:16	10/12/2011 8:03	0.018
2940	0.011	0.012	0.013	0.016	8:04:16	10/12/2011 8:04	0.017
3000	0.01	0.011	0.012	0.014	8:05:16	10/12/2011 8:05	0.014
3060	0.01	0.011	0.012	0.014	8:06:16	10/12/2011 8:06	0.015
3120	0.012	0.013	0.014	0.017	8:07:16	10/12/2011 8:07	0.018
3180	0.012	0.013	0.014	0.017	8:08:16	10/12/2011 8:08	0.018
3240	0.013	0.014	0.015	0.018	8:09:16	10/12/2011 8:09	0.019
3300	0.012	0.013	0.015	0.017	8:10:16	10/12/2011 8:10	0.017
3360	0.015	0.016	0.017	0.024	8:11:16	10/12/2011 8:11	0.028
3420	0.013	0.013	0.014	0.018	8:12:16	10/12/2011 8:12	0.021
3480	0.012	0.012	0.013	0.015	8:13:16	10/12/2011 8:13	0.015
3540	0.012	0.013	0.014	0.017	8:14:16	10/12/2011 8:14	0.018
3600	0.013	0.014	0.015	0.018	8:15:16	10/12/2011 8:15	0.019
3660	0.011	0.012	0.013	0.015	8:16:16	10/12/2011 8:16	0.015
3720	0.014	0.015	0.016	0.019	8:17:16	10/12/2011 8:17	0.02
3780	0.012	0.013	0.014	0.016	8:18:16	10/12/2011 8:18	0.017
3840	0.013	0.014	0.015	0.018	8:19:16	10/12/2011 8:19	0.019
3900	0.009	0.01	0.011	0.012	8:20:16	10/12/2011 8:20	0.012
3960	0.01	0.01	0.011	0.013	8:21:16	10/12/2011 8:21	0.013
4020	0.009	0.01	0.011	0.012	8:22:16	10/12/2011 8:22	0.012
4080	0.009	0.01	0.011	0.012	8:23:16	10/12/2011 8:23	0.013
4140	0.011	0.012	0.013	0.016	8:24:16	10/12/2011 8:24	0.016
4200	0.016	0.017	0.019	0.025	8:25:16	10/12/2011 8:25	0.026
4260	0.014	0.015	0.017	0.02	8:26:16	10/12/2011 8:26	0.021
4320	0.012	0.013	0.015	0.018	8:27:16	10/12/2011 8:27	0.019
4380	0.04	0.041	0.043	0.055	8:28:16	10/12/2011 8:28	0.066
4440	0.014	0.016	0.018	0.024	8:29:16	10/12/2011 8:29	0.025
4500	0.016	0.017	0.019	0.026	8:30:16	10/12/2011 8:30	0.028
4560	0.015	0.017	0.019	0.025	8:31:16	10/12/2011 8:31	0.025
4620	0.015	0.016	0.018	0.022	8:32:16	10/12/2011 8:32	0.024
4680	0.016	0.017	0.018	0.021	8:33:16	10/12/2011 8:33	0.022
4740	0.011	0.012	0.013	0.015	8:34:16	10/12/2011 8:34	0.015
4800	0.01	0.01	0.011	0.013	8:35:16	10/12/2011 8:35	0.014
4860	0.013	0.014	0.015	0.019	8:36:16	10/12/2011 8:36	0.02
4920	0.01	0.011	0.012	0.016	8:37:16	10/12/2011 8:37	0.016
4980	0.011	0.011	0.012	0.015	8:38:16	10/12/2011 8:38	0.015
5040	0.011	0.011	0.013	0.015	8:39:16	10/12/2011 8:39	0.015
5100	0.012	0.013	0.014	0.018	8:40:16	10/12/2011 8:40	0.021
5160	0.014	0.015	0.016	0.018	8:41:16	10/12/2011 8:41	0.02
5220	0.017	0.018	0.019	0.022	8:42:16	10/12/2011 8:42	0.023
5280	0.017	0.018	0.018	0.02	8:43:16	10/12/2011 8:43	0.02
5340	0.017	0.018	0.019	0.021	8:44:16	10/12/2011 8:44	0.021
5400	0.011	0.012	0.013	0.015	8:45:16	10/12/2011 8:45	0.015
5460	0.063	0.066	0.07	0.081	8:46:16	10/12/2011 8:46	0.082
5520	0.026	0.027	0.028	0.03	8:47:16	10/12/2011 8:47	0.032
5580	0.014	0.014	0.015	0.017	8:48:16	10/12/2011 8:48	0.018
5640	0.022	0.022	0.024	0.027	8:49:16	10/12/2011 8:49	0.028
5700	0.021	0.022	0.023	0.026	8:50:16	10/12/2011 8:50	0.027
5760	0.023	0.024	0.026	0.029	8:51:16	10/12/2011 8:51	0.029
5820	0.023	0.024	0.025	0.028	8:52:16	10/12/2011 8:52	0.028
5880	0.016	0.017	0.018	0.02	8:53:16	10/12/2011 8:53	0.021
5940	0.017	0.018	0.019	0.022	8:54:16	10/12/2011 8:54	0.022
6000	0.018	0.019	0.02	0.023	8:55:16	10/12/2011 8:55	0.024
6060	0.023	0.025	0.027	0.03	8:56:16	10/12/2011 8:56	0.031

6120	0.018	0.02	0.021	0.026	8:57:16	10/12/2011 8:57	0.027
6180	0.017	0.018	0.019	0.023	8:58:16	10/12/2011 8:58	0.023
6240	0.021	0.022	0.023	0.026	8:59:16	10/12/2011 8:59	0.026
6300	0.022	0.023	0.025	0.027	9:00:16	10/12/2011 9:00	0.028
6360	0.024	0.024	0.026	0.028	9:01:16	10/12/2011 9:01	0.029
6420	0.021	0.022	0.023	0.025	9:02:16	10/12/2011 9:02	0.025
6480	0.023	0.024	0.025	0.027	9:03:16	10/12/2011 9:03	0.028
6540	0.017	0.018	0.019	0.021	9:04:16	10/12/2011 9:04	0.022
6600	0.012	0.012	0.013	0.015	9:05:16	10/12/2011 9:05	0.015
6660	0.012	0.013	0.014	0.017	9:06:16	10/12/2011 9:06	0.017
6720	0.019	0.02	0.02	0.022	9:07:16	10/12/2011 9:07	0.023
6780	0.02	0.021	0.022	0.024	9:08:16	10/12/2011 9:08	0.024
6840	0.018	0.018	0.019	0.02	9:09:16	10/12/2011 9:09	0.022
6900	0.013	0.013	0.014	0.015	9:10:16	10/12/2011 9:10	0.015
6960	0.015	0.016	0.017	0.018	9:11:16	10/12/2011 9:11	0.018
7020	0.015	0.016	0.016	0.018	9:12:16	10/12/2011 9:12	0.019
7080	0.016	0.016	0.017	0.019	9:13:16	10/12/2011 9:13	0.019
7140	0.014	0.015	0.015	0.018	9:14:16	10/12/2011 9:14	0.018
7200	0.013	0.014	0.014	0.016	9:15:16	10/12/2011 9:15	0.017
7260	0.016	0.017	0.018	0.019	9:16:16	10/12/2011 9:16	0.019
7320	0.021	0.022	0.023	0.028	9:17:16	10/12/2011 9:17	0.028
7380	0.019	0.02	0.021	0.023	9:18:16	10/12/2011 9:18	0.023
7440	0.017	0.017	0.018	0.02	9:19:16	10/12/2011 9:19	0.02
7500	0.018	0.019	0.02	0.021	9:20:16	10/12/2011 9:20	0.022
7560	0.022	0.023	0.024	0.025	9:21:16	10/12/2011 9:21	0.026
7620	0.017	0.018	0.019	0.025	9:22:16	10/12/2011 9:22	0.028
7680	0.019	0.019	0.02	0.022	9:23:16	10/12/2011 9:23	0.023
7740	0.018	0.019	0.019	0.021	9:24:16	10/12/2011 9:24	0.022
7800	0.021	0.022	0.023	0.024	9:25:16	10/12/2011 9:25	0.024
7860	0.021	0.022	0.023	0.024	9:26:16	10/12/2011 9:26	0.025
7920	0.018	0.019	0.019	0.021	9:27:16	10/12/2011 9:27	0.022
7980	0.017	0.017	0.018	0.019	9:28:16	10/12/2011 9:28	0.019
8040	0.018	0.019	0.019	0.02	9:29:16	10/12/2011 9:29	0.021
8100	0.019	0.02	0.021	0.022	9:30:16	10/12/2011 9:30	0.023
8160	0.019	0.02	0.022	0.026	9:31:16	10/12/2011 9:31	0.026
8220	0.014	0.014	0.015	0.018	9:32:16	10/12/2011 9:32	0.018
8280	0.023	0.024	0.026	0.03	9:33:16	10/12/2011 9:33	0.033
8340	0.021	0.022	0.024	0.034	9:34:16	10/12/2011 9:34	0.042
8400	0.014	0.015	0.016	0.017	9:35:16	10/12/2011 9:35	0.017
8460	0.013	0.014	0.015	0.016	9:36:16	10/12/2011 9:36	0.016
8520	0.019	0.02	0.02	0.021	9:37:16	10/12/2011 9:37	0.022
8580	0.022	0.023	0.024	0.025	9:38:16	10/12/2011 9:38	0.025
8640	0.015	0.015	0.016	0.017	9:39:16	10/12/2011 9:39	0.017
8700	0.029	0.029	0.03	0.032	9:40:16	10/12/2011 9:40	0.032
8760	0.024	0.025	0.026	0.027	9:41:16	10/12/2011 9:41	0.027
8820	0.025	0.025	0.026	0.028	9:42:16	10/12/2011 9:42	0.028
8880	0.024	0.024	0.025	0.027	9:43:16	10/12/2011 9:43	0.027
8940	0.02	0.02	0.021	0.023	9:44:16	10/12/2011 9:44	0.023
9000	0.021	0.021	0.022	0.025	9:45:16	10/12/2011 9:45	0.026
9060	0.016	0.017	0.018	0.02	9:46:16	10/12/2011 9:46	0.021
9120	0.018	0.019	0.02	0.022	9:47:16	10/12/2011 9:47	0.022
9180	0.016	0.017	0.018	0.022	9:48:16	10/12/2011 9:48	0.023
9240	0.022	0.023	0.024	0.032	9:49:16	10/12/2011 9:49	0.037
9300	0.016	0.017	0.018	0.019	9:50:16	10/12/2011 9:50	0.02
9360	0.019	0.02	0.021	0.024	9:51:16	10/12/2011 9:51	0.024
9420	0.016	0.017	0.018	0.02	9:52:16	10/12/2011 9:52	0.021
9480	0.02	0.02	0.021	0.022	9:53:16	10/12/2011 9:53	0.022
9540	0.024	0.024	0.025	0.027	9:54:16	10/12/2011 9:54	0.027
9600	0.032	0.032	0.033	0.035	9:55:16	10/12/2011 9:55	0.035
9660	0.019	0.019	0.02	0.022	9:56:16	10/12/2011 9:56	0.022
9720	0.022	0.023	0.024	0.025	9:57:16	10/12/2011 9:57	0.025
9780	0.025	0.026	0.027	0.029	9:58:16	10/12/2011 9:58	0.029
9840	0.037	0.038	0.039	0.041	9:59:16	10/12/2011 9:59	0.042
9900	0.022	0.023	0.024	0.026	10:00:16	10/12/2011 10:00	0.026
9960	0.022	0.023	0.024	0.025	10:01:16	10/12/2011 10:01	0.026
10020	0.018	0.019	0.02	0.024	10:02:16	10/12/2011 10:02	0.024
10080	0.019	0.02	0.021	0.024	10:03:16	10/12/2011 10:03	0.025
10140	0.021	0.022	0.023	0.027	10:04:16	10/12/2011 10:04	0.028
10200	0.022	0.023	0.025	0.031	10:05:16	10/12/2011 10:05	0.033

10260	0.016	0.017	0.018	0.021	10:06:16	10/12/2011 10:06	0.021
10320	0.018	0.018	0.019	0.021	10:07:16	10/12/2011 10:07	0.022
10380	0.018	0.019	0.019	0.021	10:08:16	10/12/2011 10:08	0.023
10440	0.017	0.018	0.018	0.02	10:09:16	10/12/2011 10:09	0.02
10500	0.022	0.023	0.024	0.026	10:10:16	10/12/2011 10:10	0.026
10560	0.023	0.024	0.025	0.027	10:11:16	10/12/2011 10:11	0.028
10620	0.023	0.024	0.025	0.028	10:12:16	10/12/2011 10:12	0.031
10680	0.023	0.024	0.024	0.027	10:13:16	10/12/2011 10:13	0.028
10740	0.02	0.021	0.022	0.024	10:14:16	10/12/2011 10:14	0.024
10800	0.02	0.02	0.021	0.023	10:15:16	10/12/2011 10:15	0.024
10860	0.023	0.024	0.025	0.028	10:16:16	10/12/2011 10:16	0.028
10920	0.018	0.019	0.02	0.022	10:17:16	10/12/2011 10:17	0.022
10980	0.016	0.016	0.017	0.019	10:18:16	10/12/2011 10:18	0.019
11040	0.015	0.016	0.017	0.019	10:19:16	10/12/2011 10:19	0.019
11100	0.013	0.014	0.015	0.016	10:20:16	10/12/2011 10:20	0.016
11160	0.019	0.019	0.02	0.022	10:21:16	10/12/2011 10:21	0.022
11220	0.013	0.014	0.014	0.016	10:22:16	10/12/2011 10:22	0.016
11280	0.011	0.012	0.013	0.014	10:23:16	10/12/2011 10:23	0.015
11340	0.017	0.017	0.018	0.02	10:24:16	10/12/2011 10:24	0.02
11400	0.019	0.02	0.02	0.023	10:25:16	10/12/2011 10:25	0.023
11460	0.013	0.014	0.014	0.016	10:26:16	10/12/2011 10:26	0.017
11520	0.013	0.013	0.014	0.018	10:27:16	10/12/2011 10:27	0.018
11580	0.016	0.017	0.018	0.02	10:28:16	10/12/2011 10:28	0.021
11640	0.02	0.02	0.021	0.023	10:29:16	10/12/2011 10:29	0.023
11700	0.021	0.021	0.022	0.023	10:30:16	10/12/2011 10:30	0.023
11760	0.02	0.021	0.021	0.023	10:31:16	10/12/2011 10:31	0.023
11820	0.017	0.018	0.018	0.02	10:32:16	10/12/2011 10:32	0.02
11880	0.019	0.02	0.021	0.023	10:33:16	10/12/2011 10:33	0.023
11940	0.014	0.014	0.015	0.017	10:34:16	10/12/2011 10:34	0.017
12000	0.017	0.018	0.02	0.026	10:35:16	10/12/2011 10:35	0.028
12060	0.023	0.024	0.025	0.028	10:36:16	10/12/2011 10:36	0.028
12120	0.022	0.023	0.023	0.025	10:37:16	10/12/2011 10:37	0.025
12180	0.025	0.026	0.027	0.03	10:38:16	10/12/2011 10:38	0.033
12240	0.021	0.022	0.022	0.024	10:39:16	10/12/2011 10:39	0.024
12300	0.019	0.019	0.02	0.021	10:40:16	10/12/2011 10:40	0.022
12360	0.021	0.022	0.022	0.024	10:41:16	10/12/2011 10:41	0.025
12420	0.024	0.024	0.025	0.026	10:42:16	10/12/2011 10:42	0.027
12480	0.023	0.024	0.024	0.025	10:43:16	10/12/2011 10:43	0.026
12540	0.016	0.017	0.018	0.019	10:44:16	10/12/2011 10:44	0.02
12600	0.017	0.018	0.019	0.022	10:45:16	10/12/2011 10:45	0.022
12660	0.015	0.016	0.017	0.02	10:46:16	10/12/2011 10:46	0.02
12720	0.016	0.017	0.018	0.021	10:47:16	10/12/2011 10:47	0.021
12780	0.017	0.018	0.018	0.021	10:48:16	10/12/2011 10:48	0.021
12840	0.017	0.018	0.018	0.02	10:49:16	10/12/2011 10:49	0.02
12900	0.016	0.017	0.017	0.02	10:50:16	10/12/2011 10:50	0.02
12960	0.018	0.019	0.02	0.022	10:51:16	10/12/2011 10:51	0.022
13020	0.015	0.016	0.017	0.018	10:52:16	10/12/2011 10:52	0.018
13080	0.017	0.017	0.018	0.019	10:53:16	10/12/2011 10:53	0.02
13140	0.015	0.016	0.017	0.018	10:54:16	10/12/2011 10:54	0.019
13200	0.015	0.016	0.017	0.018	10:55:16	10/12/2011 10:55	0.019
13260	0.016	0.017	0.018	0.02	10:56:16	10/12/2011 10:56	0.02
13320	0.013	0.014	0.014	0.015	10:57:16	10/12/2011 10:57	0.016
13380	0.015	0.016	0.017	0.019	10:58:16	10/12/2011 10:58	0.019
13440	0.015	0.016	0.016	0.017	10:59:16	10/12/2011 10:59	0.017
13500	0.012	0.013	0.013	0.015	11:00:16	10/12/2011 11:00	0.015
13560	0.01	0.011	0.012	0.013	11:01:16	10/12/2011 11:01	0.013
13620	0.013	0.013	0.014	0.016	11:02:16	10/12/2011 11:02	0.017
13680	0.014	0.015	0.015	0.016	11:03:16	10/12/2011 11:03	0.016
13740	0.01	0.01	0.011	0.011	11:04:16	10/12/2011 11:04	0.011
13800	0.009	0.01	0.01	0.011	11:05:16	10/12/2011 11:05	0.011
13860	0.013	0.013	0.014	0.015	11:06:16	10/12/2011 11:06	0.016
13920	0.012	0.013	0.013	0.015	11:07:16	10/12/2011 11:07	0.015
13980	0.014	0.015	0.015	0.017	11:08:16	10/12/2011 11:08	0.017
14040	0.017	0.018	0.018	0.019	11:09:16	10/12/2011 11:09	0.02
14100	0.018	0.019	0.019	0.02	11:10:16	10/12/2011 11:10	0.021
14160	0.013	0.013	0.014	0.015	11:11:16	10/12/2011 11:11	0.015
14220	0.016	0.017	0.018	0.024	11:12:16	10/12/2011 11:12	0.03
14280	0.012	0.013	0.013	0.014	11:13:16	10/12/2011 11:13	0.014
14340	0.012	0.013	0.013	0.015	11:14:16	10/12/2011 11:14	0.015

14400	0.012	0.013	0.014	0.017	11:15:16	10/12/2011 11:15	0.017
14460	0.027	0.028	0.028	0.03	11:16:16	10/12/2011 11:16	0.03
14520	0.033	0.034	0.034	0.036	11:17:16	10/12/2011 11:17	0.036
14580	0.023	0.023	0.024	0.025	11:18:16	10/12/2011 11:18	0.025
14640	0.023	0.023	0.024	0.026	11:19:16	10/12/2011 11:19	0.027
14700	0.02	0.021	0.022	0.024	11:20:16	10/12/2011 11:20	0.025
14760	0.014	0.015	0.016	0.017	11:21:16	10/12/2011 11:21	0.017
14820	0.016	0.017	0.017	0.018	11:22:16	10/12/2011 11:22	0.019
14880	0.017	0.018	0.018	0.02	11:23:16	10/12/2011 11:23	0.02
14940	0.016	0.017	0.017	0.019	11:24:16	10/12/2011 11:24	0.02
15000	0.015	0.015	0.016	0.018	11:25:16	10/12/2011 11:25	0.018
15060	0.016	0.016	0.017	0.02	11:26:16	10/12/2011 11:26	0.021
15120	0.016	0.016	0.017	0.018	11:27:16	10/12/2011 11:27	0.018
15180	0.018	0.019	0.019	0.02	11:28:16	10/12/2011 11:28	0.02
15240	0.018	0.019	0.02	0.022	11:29:16	10/12/2011 11:29	0.022
15300	0.013	0.013	0.014	0.016	11:30:16	10/12/2011 11:30	0.017
15360	0.012	0.013	0.014	0.015	11:31:16	10/12/2011 11:31	0.015
15420	0.023	0.023	0.024	0.025	11:32:16	10/12/2011 11:32	0.025
15480	0.02	0.02	0.021	0.022	11:33:16	10/12/2011 11:33	0.022
15540	0.015	0.015	0.016	0.018	11:34:16	10/12/2011 11:34	0.018
15600	0.012	0.013	0.014	0.015	11:35:16	10/12/2011 11:35	0.016
15660	0.044	0.044	0.046	0.057	11:36:16	10/12/2011 11:36	0.063
15720	0.018	0.019	0.021	0.025	11:37:16	10/12/2011 11:37	0.026
15780	0.015	0.015	0.016	0.019	11:38:16	10/12/2011 11:38	0.021
15840	0.012	0.013	0.014	0.018	11:39:16	10/12/2011 11:39	0.023
15900	0.032	0.034	0.038	0.045	11:40:16	10/12/2011 11:40	0.046
15960	0.025	0.028	0.031	0.038	11:41:16	10/12/2011 11:41	0.04
16020	0.011	0.012	0.012	0.014	11:42:16	10/12/2011 11:42	0.015
16080	0.012	0.012	0.014	0.017	11:43:16	10/12/2011 11:43	0.017
16140	0.01	0.011	0.011	0.012	11:44:16	10/12/2011 11:44	0.013
16200	0.01	0.011	0.011	0.012	11:45:16	10/12/2011 11:45	0.013
16260	0.015	0.016	0.017	0.019	11:46:16	10/12/2011 11:46	0.02
16320	0.013	0.014	0.015	0.017	11:47:16	10/12/2011 11:47	0.017
16380	0.01	0.011	0.011	0.013	11:48:16	10/12/2011 11:48	0.013
16440	0.009	0.01	0.01	0.011	11:49:16	10/12/2011 11:49	0.011
16500	0.01	0.011	0.012	0.014	11:50:16	10/12/2011 11:50	0.014
16560	0.01	0.011	0.012	0.013	11:51:16	10/12/2011 11:51	0.013
16620	0.012	0.012	0.013	0.015	11:52:16	10/12/2011 11:52	0.016
16680	0.01	0.01	0.011	0.012	11:53:16	10/12/2011 11:53	0.012
16740	0.018	0.019	0.02	0.033	11:54:16	10/12/2011 11:54	0.039
16800	0.02	0.021	0.022	0.025	11:55:16	10/12/2011 11:55	0.025
16860	0.059	0.063	0.07	0.083	11:56:16	10/12/2011 11:56	0.084
16920	0.049	0.053	0.06	0.074	11:57:16	10/12/2011 11:57	0.075
16980	0.039	0.041	0.045	0.056	11:58:16	10/12/2011 11:58	0.064
17040	0.096	0.107	0.127	0.166	11:59:16	10/12/2011 11:59	0.167
17100	0.079	0.086	0.097	0.12	12:00:16	10/12/2011 12:00	0.122
17160	0.01	0.01	0.011	0.013	12:01:16	10/12/2011 12:01	0.013
17220	0.01	0.011	0.011	0.013	12:02:16	10/12/2011 12:02	0.013
17280	0.01	0.011	0.011	0.013	12:03:16	10/12/2011 12:03	0.014
17340	0.012	0.013	0.014	0.017	12:04:16	10/12/2011 12:04	0.018
17400	0.013	0.014	0.016	0.021	12:05:16	10/12/2011 12:05	0.022
17460	0.009	0.009	0.01	0.012	12:06:16	10/12/2011 12:06	0.012
17520	0.009	0.009	0.01	0.011	12:07:16	10/12/2011 12:07	0.011
17580	0.009	0.01	0.01	0.011	12:08:16	10/12/2011 12:08	0.011
17640	0.012	0.012	0.013	0.014	12:09:16	10/12/2011 12:09	0.014
17700	0.015	0.015	0.016	0.022	12:10:16	10/12/2011 12:10	0.026
17760	0.009	0.01	0.01	0.011	12:11:16	10/12/2011 12:11	0.011
17820	0.01	0.011	0.012	0.013	12:12:16	10/12/2011 12:12	0.013
17880	0.009	0.01	0.01	0.011	12:13:16	10/12/2011 12:13	0.012
17940	0.01	0.01	0.01	0.012	12:14:16	10/12/2011 12:14	0.012
18000	0.009	0.009	0.01	0.011	12:15:16	10/12/2011 12:15	0.011
18060	0.009	0.01	0.01	0.012	12:16:16	10/12/2011 12:16	0.012
18120	0.01	0.01	0.011	0.013	12:17:16	10/12/2011 12:17	0.013
18180	0.009	0.01	0.011	0.012	12:18:16	10/12/2011 12:18	0.013
18240	0.011	0.012	0.013	0.015	12:19:16	10/12/2011 12:19	0.015
18300	0.009	0.01	0.01	0.012	12:20:16	10/12/2011 12:20	0.012
18360	0.009	0.01	0.01	0.011	12:21:16	10/12/2011 12:21	0.011
18420	0.011	0.011	0.012	0.013	12:22:16	10/12/2011 12:22	0.014
18480	0.016	0.017	0.018	0.02	12:23:16	10/12/2011 12:23	0.022

18540	0.009	0.009	0.01	0.011	12:24:16	10/12/2011 12:24	0.011
18600	0.009	0.01	0.01	0.011	12:25:16	10/12/2011 12:25	0.012
18660	0.012	0.013	0.014	0.017	12:26:16	10/12/2011 12:26	0.018
18720	0.008	0.009	0.009	0.01	12:27:16	10/12/2011 12:27	0.01
18780	0.009	0.009	0.01	0.01	12:28:16	10/12/2011 12:28	0.011
18840	0.009	0.009	0.01	0.011	12:29:16	10/12/2011 12:29	0.011
18900	0.008	0.009	0.009	0.01	12:30:16	10/12/2011 12:30	0.011
18960	0.009	0.01	0.01	0.011	12:31:16	10/12/2011 12:31	0.011
19020	0.009	0.009	0.01	0.011	12:32:16	10/12/2011 12:32	0.011
19080	0.008	0.009	0.009	0.01	12:33:16	10/12/2011 12:33	0.01
19140	0.011	0.011	0.012	0.017	12:34:16	10/12/2011 12:34	0.017
19200	0.009	0.01	0.01	0.013	12:35:16	10/12/2011 12:35	0.014
19260	0.009	0.009	0.01	0.012	12:36:16	10/12/2011 12:36	0.012
19320	0.008	0.009	0.009	0.01	12:37:16	10/12/2011 12:37	0.01
19380	0.009	0.009	0.01	0.011	12:38:16	10/12/2011 12:38	0.011
19440	0.01	0.01	0.011	0.011	12:39:16	10/12/2011 12:39	0.011
19500	0.008	0.009	0.009	0.01	12:40:16	10/12/2011 12:40	0.01
19560	0.01	0.01	0.011	0.013	12:41:16	10/12/2011 12:41	0.013
19620	0.01	0.01	0.011	0.012	12:42:16	10/12/2011 12:42	0.012
19680	0.009	0.009	0.01	0.011	12:43:16	10/12/2011 12:43	0.011
19740	0.01	0.01	0.011	0.013	12:44:16	10/12/2011 12:44	0.013
19800	0.009	0.01	0.01	0.012	12:45:16	10/12/2011 12:45	0.012
19860	0.01	0.01	0.011	0.012	12:46:16	10/12/2011 12:46	0.013
19920	0.009	0.01	0.01	0.011	12:47:16	10/12/2011 12:47	0.011
19980	0.01	0.01	0.011	0.011	12:48:16	10/12/2011 12:48	0.012
20040	0.01	0.011	0.011	0.012	12:49:16	10/12/2011 12:49	0.012
20100	0.01	0.011	0.011	0.012	12:50:16	10/12/2011 12:50	0.012
20160	0.011	0.011	0.012	0.012	12:51:16	10/12/2011 12:51	0.012
20220	0.009	0.01	0.01	0.012	12:52:16	10/12/2011 12:52	0.012
20280	0.008	0.009	0.009	0.01	12:53:16	10/12/2011 12:53	0.01
20340	0.009	0.01	0.01	0.011	12:54:16	10/12/2011 12:54	0.011
20400	0.016	0.016	0.017	0.018	12:55:16	10/12/2011 12:55	0.018
20460	0.008	0.009	0.009	0.01	12:56:16	10/12/2011 12:56	0.01
20520	0.009	0.009	0.01	0.01	12:57:16	10/12/2011 12:57	0.011
20580	0.008	0.009	0.009	0.01	12:58:16	10/12/2011 12:58	0.01
20640	0.008	0.009	0.009	0.01	12:59:16	10/12/2011 12:59	0.01
20700	0.008	0.009	0.009	0.01	13:00:16	10/12/2011 13:00	0.01
20760	0.008	0.009	0.009	0.01	13:01:16	10/12/2011 13:01	0.011
20820	0.008	0.009	0.009	0.01	13:02:16	10/12/2011 13:02	0.01
20880	0.009	0.009	0.01	0.011	13:03:16	10/12/2011 13:03	0.011
20940	0.008	0.009	0.009	0.01	13:04:16	10/12/2011 13:04	0.01
21000	0.009	0.009	0.009	0.01	13:05:16	10/12/2011 13:05	0.01
21060	0.009	0.009	0.01	0.011	13:06:16	10/12/2011 13:06	0.011
21120	0.009	0.009	0.01	0.011	13:07:16	10/12/2011 13:07	0.011
21180	0.009	0.01	0.01	0.011	13:08:16	10/12/2011 13:08	0.011
21240	0.008	0.009	0.009	0.01	13:09:16	10/12/2011 13:09	0.01
21300	0.009	0.009	0.01	0.012	13:10:16	10/12/2011 13:10	0.012
21360	0.009	0.009	0.009	0.011	13:11:16	10/12/2011 13:11	0.011
21420	0.01	0.01	0.011	0.013	13:12:16	10/12/2011 13:12	0.014
21480	0.008	0.009	0.009	0.01	13:13:16	10/12/2011 13:13	0.01
21540	0.009	0.009	0.01	0.011	13:14:16	10/12/2011 13:14	0.011
21600	0.008	0.009	0.009	0.011	13:15:16	10/12/2011 13:15	0.011
21660	0.008	0.009	0.009	0.01	13:16:16	10/12/2011 13:16	0.01
21720	0.009	0.009	0.009	0.01	13:17:16	10/12/2011 13:17	0.01
21780	0.009	0.009	0.009	0.01	13:18:16	10/12/2011 13:18	0.01
21840	0.009	0.01	0.01	0.012	13:19:16	10/12/2011 13:19	0.012
21900	0.01	0.01	0.01	0.012	13:20:16	10/12/2011 13:20	0.012
21960	0.009	0.009	0.009	0.01	13:21:16	10/12/2011 13:21	0.01
22020	0.009	0.009	0.01	0.011	13:22:16	10/12/2011 13:22	0.011
22080	0.009	0.009	0.01	0.011	13:23:16	10/12/2011 13:23	0.011
22140	0.01	0.01	0.011	0.011	13:24:16	10/12/2011 13:24	0.012
22200	0.01	0.01	0.011	0.012	13:25:16	10/12/2011 13:25	0.012
22260	0.009	0.01	0.01	0.011	13:26:16	10/12/2011 13:26	0.011
22320	0.009	0.009	0.01	0.011	13:27:16	10/12/2011 13:27	0.011
22380	0.01	0.01	0.011	0.012	13:28:16	10/12/2011 13:28	0.013
22440	0.009	0.01	0.01	0.011	13:29:16	10/12/2011 13:29	0.011
22500	0.01	0.011	0.011	0.012	13:30:16	10/12/2011 13:30	0.012
22560	0.01	0.01	0.01	0.011	13:31:16	10/12/2011 13:31	0.012
22620	0.01	0.011	0.011	0.012	13:32:16	10/12/2011 13:32	0.012

22680	0.01	0.011	0.012	0.014	13:33:16	10/12/2011 13:33	0.014
22740	0.01	0.011	0.011	0.013	13:34:16	10/12/2011 13:34	0.013
22800	0.01	0.011	0.011	0.012	13:35:16	10/12/2011 13:35	0.013
22860	0.009	0.01	0.01	0.012	13:36:16	10/12/2011 13:36	0.012
22920	0.013	0.013	0.015	0.02	13:37:16	10/12/2011 13:37	0.022
22980	0.011	0.011	0.012	0.014	13:38:16	10/12/2011 13:38	0.014
23040	0.018	0.019	0.021	0.027	13:39:16	10/12/2011 13:39	0.028
23100	0.022	0.023	0.023	0.026	13:40:16	10/12/2011 13:40	0.026
23160	0.02	0.021	0.022	0.023	13:41:16	10/12/2011 13:41	0.023
23220	0.01	0.011	0.011	0.012	13:42:16	10/12/2011 13:42	0.012
23280	0.008	0.009	0.009	0.01	13:43:16	10/12/2011 13:43	0.01
23340	0.009	0.009	0.01	0.01	13:44:16	10/12/2011 13:44	0.011
23400	0.009	0.01	0.01	0.011	13:45:16	10/12/2011 13:45	0.012
23460	0.009	0.01	0.01	0.012	13:46:16	10/12/2011 13:46	0.012
23520	0.012	0.013	0.014	0.017	13:47:16	10/12/2011 13:47	0.018
23580	0.012	0.012	0.013	0.014	13:48:16	10/12/2011 13:48	0.015
23640	0.012	0.013	0.014	0.017	13:49:16	10/12/2011 13:49	0.018
23700	0.015	0.016	0.016	0.018	13:50:16	10/12/2011 13:50	0.018
23760	0.015	0.015	0.016	0.018	13:51:16	10/12/2011 13:51	0.018
23820	0.01	0.011	0.011	0.013	13:52:16	10/12/2011 13:52	0.013
23880	0.01	0.011	0.011	0.013	13:53:16	10/12/2011 13:53	0.013
23940	0.044	0.045	0.047	0.061	13:54:16	10/12/2011 13:54	0.076
24000	0.013	0.013	0.014	0.015	13:55:16	10/12/2011 13:55	0.016
24060	0.017	0.018	0.019	0.021	13:56:16	10/12/2011 13:56	0.023
24120	0.011	0.012	0.012	0.013	13:57:16	10/12/2011 13:57	0.014
24180	0.013	0.014	0.014	0.016	13:58:16	10/12/2011 13:58	0.017
24240	0.01	0.011	0.011	0.012	13:59:16	10/12/2011 13:59	0.012
24300	0.011	0.012	0.012	0.014	14:00:16	10/12/2011 14:00	0.014
24360	0.014	0.014	0.015	0.017	14:01:16	10/12/2011 14:01	0.017
24420	0.013	0.013	0.014	0.016	14:02:16	10/12/2011 14:02	0.017
24480	0.018	0.019	0.02	0.025	14:03:16	10/12/2011 14:03	0.027
24540	0.016	0.017	0.018	0.023	14:04:16	10/12/2011 14:04	0.024
24600	0.014	0.015	0.017	0.021	14:05:16	10/12/2011 14:05	0.023

Client: National Grid
 Location: Towels
 Date: 10/13/11
 Field Personnel: J. Ehlen

Project: Metropolitan
 Project Number: 60137361
 Weather: ~60°F, cloudy, light rain, breezy
 Ambient Noise: ~80 dB

Community Air Monitoring Plan / Noise Field Log

Time	Upwind PID	Upwind Dust Trak	Work Area PID	Downwind PID	Downwind Dust Trak	dB Readings ¹	Comments
745	0.5	0.016	0.0	0.0	0.384	93.8	Drilling 5B-25
800	0.6	0.011	0.0	0.0	0.026	91.6	" Napl odor from canal
814	0.3	0.014	0.1	0.1	0.012	93.5	"
835	0.2	0.012	0.1	0.1	0.012	94.0	"
845	0.3	0.014	0.1	0.1	0.017	94.5	"
859	0.3	0.014	0.1	0.1	0.016	93.6	"
917	0.2	0.018	0.1	0.2	0.020	93.1	"
942	0.3	0.015	0.1	0.2	0.019	94.2	"
1002	0.0	0.014	0.1	0.2	0.614	93.9	"
1016	0.0	0.015	0.2	0.2	0.019	95.5	"
1030	0.1	0.016	0.1	0.2	0.018	94.1	"
1044	0.0	0.014	0.1	0.2	0.017	95.1	"
1058	0.0	0.017	0.1	0.2	0.018	95.6	"
1345	0.0	0.032	0.1	0.3	0.029	92.7	Backfilling well.
1400	0.0	0.029	0.1	0.3	0.024	91.9	"
1500	0.0	0.029	0.1	0.3	0.030	92.9	"
1525	0.0	0.035	0.1	0.3	0.035	92.8	"
1600	0.0	0.035	0.1	0.3	0.037	91.0	"
1630	0.0	0.034	0.2	0.4	0.053	90.7	"

=====Event #34 information (begin)=====

[Event #34 name:]-[Event #34]2011-10-13 08:00-->2011-10-13 16:35

[Event start time:]-2011-10-13 08:00:38[Event end time:]-2011-10-13 16:35:38

=====Event #34 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-904624

Data Points: 515 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====Sensor Information : PID-Min(ppm)PID-Avg(ppm)PID-Max(ppm)=====

Measurement Gas : Isobutene

Calibration Time : 2011-10-13 07:02:002011-10-13 07:02:002011-10-13 07:02:00

Drift Value : --- --- ---

Low Alarm Levels : 50.000 50.000 50.000

High Alarm Levels : 100.000 100.000 100.000

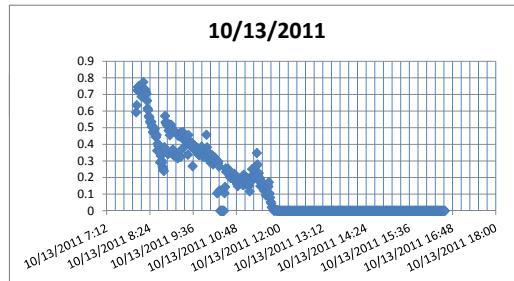
Span Value : 100.000 100.000 100.000

Correction Factor : 1.00 1.00 1.00

Over Alarm Levels : 15000.000 15000.000 15000.000

=====Event #34 data informations=====

LINE#	Date/Time	PID-Max(ppm)	PID-Min(ppm)	PID-Avg(ppm)
1	10/13/2011 8:01	0.593	0.164	0.528
2	10/13/2011 8:02	0.636	0.574	0.608
3	10/13/2011 8:03	0.726	0.627	0.676
4	10/13/2011 8:04	0.745	0.674	0.703
5	10/13/2011 8:05	0.748	0.671	0.709
6	10/13/2011 8:06	0.751	0.706	0.722
7	10/13/2011 8:07	0.747	0.71	0.728
8	10/13/2011 8:08	0.724	0.689	0.705
9	10/13/2011 8:09	0.712	0.664	0.691
10	10/13/2011 8:10	0.688	0.607	0.656
11	10/13/2011 8:11	0.744	0.566	0.618
12	10/13/2011 8:12	0.73	0.581	0.637
13	10/13/2011 8:13	0.775	0.571	0.628
14	10/13/2011 8:14	0.732	0.55	0.609
15	10/13/2011 8:15	0.701	0.527	0.574
16	10/13/2011 8:16	0.73	0.545	0.595
17	10/13/2011 8:17	0.716	0.526	0.575
18	10/13/2011 8:18	0.705	0.477	0.549
19	10/13/2011 8:19	0.663	0.466	0.522
20	10/13/2011 8:20	0.617	0.43	0.492
21	10/13/2011 8:21	0.606	0.378	0.461
22	10/13/2011 8:22	0.57	0.363	0.417
23	10/13/2011 8:23	0.561	0.381	0.456
24	10/13/2011 8:24	0.538	0.332	0.41
25	10/13/2011 8:25	0.529	0.337	0.41
26	10/13/2011 8:26	0.537	0.32	0.41
27	10/13/2011 8:27	0.505	0.33	0.407
28	10/13/2011 8:28	0.512	0.318	0.397
29	10/13/2011 8:29	0.474	0.296	0.358
30	10/13/2011 8:30	0.474	0.278	0.373
31	10/13/2011 8:31	0.477	0.274	0.352
32	10/13/2011 8:32	0.493	0.265	0.355
33	10/13/2011 8:33	0.46	0.237	0.334
34	10/13/2011 8:34	0.444	0.255	0.365
35	10/13/2011 8:35	0.457	0.326	0.382
36	10/13/2011 8:36	0.362	0.186	0.248
37	10/13/2011 8:37	0.405	0.174	0.289
38	10/13/2011 8:38	0.39	0.296	0.342
39	10/13/2011 8:39	0.355	0.246	0.309
40	10/13/2011 8:40	0.356	0.165	0.219
41	10/13/2011 8:41	0.291	0.125	0.184
42	10/13/2011 8:42	0.331	0.114	0.243
43	10/13/2011 8:43	0.303	0.11	0.198
44	10/13/2011 8:44	0.29	0.11	0.202
45	10/13/2011 8:45	0.265	0.086	0.151
46	10/13/2011 8:46	0.252	0.062	0.113
47	10/13/2011 8:47	0.24	0.014	0.127
48	10/13/2011 8:48	0.383	0.026	0.128



49	10/13/2011 8:49	0.571	0.275	0.398
50	10/13/2011 8:50	0.534	0.322	0.404
51	10/13/2011 8:51	0.526	0.231	0.334
52	10/13/2011 8:52	0.515	0.14	0.261
53	10/13/2011 8:53	0.529	0.269	0.383
54	10/13/2011 8:54	0.342	0.18	0.27
55	10/13/2011 8:55	0.483	0.313	0.395
56	10/13/2011 8:56	0.518	0.293	0.38
57	10/13/2011 8:57	0.455	0.127	0.318
58	10/13/2011 8:58	0.494	0.124	0.359
59	10/13/2011 8:59	0.518	0.409	0.471
60	10/13/2011 9:00	0.493	0.297	0.374
61	10/13/2011 9:01	0.344	0.314	0.328
62	10/13/2011 9:02	0.369	0.322	0.346
63	10/13/2011 9:03	0.361	0.315	0.326
64	10/13/2011 9:04	0.332	0.296	0.31
65	10/13/2011 9:05	0.482	0.291	0.337
66	10/13/2011 9:06	0.334	0.294	0.309
67	10/13/2011 9:07	0.339	0.293	0.311
68	10/13/2011 9:08	0.33	0.288	0.304
69	10/13/2011 9:09	0.327	0.26	0.293
70	10/13/2011 9:10	0.317	0.279	0.296
71	10/13/2011 9:11	0.452	0.274	0.313
72	10/13/2011 9:12	0.332	0.267	0.297
73	10/13/2011 9:13	0.452	0.277	0.334
74	10/13/2011 9:14	0.468	0.255	0.333
75	10/13/2011 9:15	0.324	0.264	0.295
76	10/13/2011 9:16	0.47	0.281	0.359
77	10/13/2011 9:17	0.464	0.268	0.322
78	10/13/2011 9:18	0.374	0.269	0.298
79	10/13/2011 9:19	0.473	0.264	0.369
80	10/13/2011 9:20	0.45	0.273	0.332
81	10/13/2011 9:21	0.457	0.28	0.327
82	10/13/2011 9:22	0.421	0.254	0.316
83	10/13/2011 9:23	0.449	0.255	0.317
84	10/13/2011 9:24	0.444	0.262	0.288
85	10/13/2011 9:25	0.428	0.242	0.29
86	10/13/2011 9:26	0.406	0.217	0.273
87	10/13/2011 9:27	0.338	0.227	0.266
88	10/13/2011 9:28	0.457	0.264	0.333
89	10/13/2011 9:29	0.406	0.215	0.267
90	10/13/2011 9:30	0.413	0.222	0.291
91	10/13/2011 9:31	0.416	0.217	0.279
92	10/13/2011 9:32	0.387	0.236	0.278
93	10/13/2011 9:33	0.394	0.224	0.284
94	10/13/2011 9:34	0.408	0.207	0.309
95	10/13/2011 9:35	0.269	0.214	0.236
96	10/13/2011 9:36	0.384	0.192	0.303
97	10/13/2011 9:37	0.396	0.202	0.29
98	10/13/2011 9:38	0.372	0.19	0.252
99	10/13/2011 9:39	0.365	0.18	0.272
100	10/13/2011 9:40	0.362	0.192	0.284
101	10/13/2011 9:41	0.379	0.206	0.294
102	10/13/2011 9:42	0.358	0.183	0.246
103	10/13/2011 9:43	0.379	0.192	0.271
104	10/13/2011 9:44	0.368	0.195	0.252
105	10/13/2011 9:45	0.338	0.168	0.212
106	10/13/2011 9:46	0.335	0.149	0.258
107	10/13/2011 9:47	0.354	0.174	0.245
108	10/13/2011 9:48	0.36	0.181	0.264
109	10/13/2011 9:49	0.379	0.161	0.268
110	10/13/2011 9:50	0.386	0.201	0.283
111	10/13/2011 9:51	0.336	0.167	0.247
112	10/13/2011 9:52	0.327	0.151	0.218
113	10/13/2011 9:53	0.328	0.151	0.247
114	10/13/2011 9:54	0.325	0.156	0.248
115	10/13/2011 9:55	0.35	0.17	0.263
116	10/13/2011 9:56	0.353	0.172	0.247
117	10/13/2011 9:57	0.339	0.2	0.26

118	10/13/2011 9:58	0.458	0.21	0.283
119	10/13/2011 9:59	0.382	0.168	0.282
120	10/13/2011 10:00	0.347	0.15	0.25
121	10/13/2011 10:01	0.345	0.154	0.252
122	10/13/2011 10:02	0.34	0.188	0.275
123	10/13/2011 10:03	0.33	0.168	0.237
124	10/13/2011 10:04	0.3	0.12	0.207
125	10/13/2011 10:05	0.29	0.144	0.223
126	10/13/2011 10:06	0.314	0.129	0.245
127	10/13/2011 10:07	0.336	0.116	0.214
128	10/13/2011 10:08	0.302	0.113	0.21
129	10/13/2011 10:09	0.28	0.098	0.194
130	10/13/2011 10:10	0.29	0.151	0.216
131	10/13/2011 10:11	0.324	0.142	0.237
132	10/13/2011 10:12	0.3	0.148	0.228
133	10/13/2011 10:13	0.307	0.154	0.235
134	10/13/2011 10:14	0.298	0.133	0.215
135	10/13/2011 10:15	0.298	0.003	0.185
136	10/13/2011 10:16	0.106	0	0.031
137	10/13/2011 10:17	0.285	0.018	0.201
138	10/13/2011 10:18	0.297	0.146	0.216
139	10/13/2011 10:19	0.267	0.127	0.196
140	10/13/2011 10:20	0.123	0	0.008
141	10/13/2011 10:21	0	0	0
142	10/13/2011 10:22	0	0	0
143	10/13/2011 10:23	0	0	0
144	10/13/2011 10:24	0	0	0
145	10/13/2011 10:25	0	0	0
146	10/13/2011 10:26	0	0	0
147	10/13/2011 10:27	0	0	0
148	10/13/2011 10:28	0.107	0	0.042
149	10/13/2011 10:29	0.144	0	0.063
150	10/13/2011 10:30	0.255	0.05	0.155
151	10/13/2011 10:31	0.235	0.121	0.175
152	10/13/2011 10:32	0.248	0.094	0.164
153	10/13/2011 10:33	0.244	0.104	0.175
154	10/13/2011 10:34	0.253	0.096	0.183
155	10/13/2011 10:35	0.232	0.117	0.168
156	10/13/2011 10:36	0.23	0.094	0.16
157	10/13/2011 10:37	0.209	0.053	0.127
158	10/13/2011 10:38	0.198	0.091	0.143
159	10/13/2011 10:39	0.22	0.068	0.147
160	10/13/2011 10:40	0.216	0.084	0.155
161	10/13/2011 10:41	0.216	0.084	0.155
162	10/13/2011 10:42	0.2	0.074	0.126
163	10/13/2011 10:43	0.211	0.056	0.127
164	10/13/2011 10:44	0.224	0.06	0.141
165	10/13/2011 10:45	0.207	0.033	0.121
166	10/13/2011 10:46	0.182	0.042	0.117
167	10/13/2011 10:47	0.176	0.004	0.092
168	10/13/2011 10:48	0.182	0.055	0.118
169	10/13/2011 10:49	0.161	0.04	0.104
170	10/13/2011 10:50	0.149	0.008	0.081
171	10/13/2011 10:51	0.157	0.026	0.086
172	10/13/2011 10:52	0.171	0.025	0.11
173	10/13/2011 10:53	0.175	0.073	0.125
174	10/13/2011 10:54	0.196	0.058	0.121
175	10/13/2011 10:55	0.171	0.045	0.111
176	10/13/2011 10:56	0.184	0.058	0.123
177	10/13/2011 10:57	0.185	0.058	0.119
178	10/13/2011 10:58	0.189	0.036	0.114
179	10/13/2011 10:59	0.155	0.046	0.1
180	10/13/2011 11:00	0.217	0.031	0.127
181	10/13/2011 11:01	0.194	0.022	0.113
182	10/13/2011 11:02	0.183	0.029	0.115
183	10/13/2011 11:03	0.194	0.034	0.117
184	10/13/2011 11:04	0.162	0	0.051
185	10/13/2011 11:05	0.2	0.049	0.138
186	10/13/2011 11:06	0.197	0.041	0.126

187	10/13/2011 11:07	0.194	0.038	0.115
188	10/13/2011 11:08	0.156	0.001	0.094
189	10/13/2011 11:09	0.15	0.01	0.082
190	10/13/2011 11:10	0.117	0	0.055
191	10/13/2011 11:11	0.182	0.037	0.111
192	10/13/2011 11:12	0.178	0.065	0.118
193	10/13/2011 11:13	0.207	0.008	0.11
194	10/13/2011 11:14	0.251	0.091	0.16
195	10/13/2011 11:15	0.203	0.05	0.134
196	10/13/2011 11:16	0.218	0.086	0.15
197	10/13/2011 11:17	0.193	0.091	0.145
198	10/13/2011 11:18	0.199	0.054	0.128
199	10/13/2011 11:19	0.209	0.077	0.142
200	10/13/2011 11:20	0.237	0.092	0.159
201	10/13/2011 11:21	0.269	0.104	0.193
202	10/13/2011 11:22	0.348	0.112	0.194
203	10/13/2011 11:23	0.279	0.072	0.172
204	10/13/2011 11:24	0.212	0.031	0.122
205	10/13/2011 11:25	0.227	0.069	0.143
206	10/13/2011 11:26	0.178	0.043	0.116
207	10/13/2011 11:27	0.197	0.015	0.109
208	10/13/2011 11:28	0.149	0.015	0.087
209	10/13/2011 11:29	0.149	0.001	0.076
210	10/13/2011 11:30	0.154	0.011	0.084
211	10/13/2011 11:31	0.168	0.032	0.1
212	10/13/2011 11:32	0.143	0.008	0.075
213	10/13/2011 11:33	0.166	0.021	0.091
214	10/13/2011 11:34	0.121	0.003	0.064
215	10/13/2011 11:35	0.123	0.015	0.06
216	10/13/2011 11:36	0.139	0.013	0.079
217	10/13/2011 11:37	0.093	0	0.041
218	10/13/2011 11:38	0.142	0.011	0.074
219	10/13/2011 11:39	0.144	0.029	0.087
220	10/13/2011 11:40	0.155	0.033	0.078
221	10/13/2011 11:41	0.145	0.009	0.089
222	10/13/2011 11:42	0.173	0.031	0.103
223	10/13/2011 11:43	0.105	0	0.032
224	10/13/2011 11:44	0.08	0	0.028
225	10/13/2011 11:45	0.054	0	0.015
226	10/13/2011 11:46	0.044	0	0.014
227	10/13/2011 11:47	0.021	0	0.005
228	10/13/2011 11:48	0.021	0	0.002
229	10/13/2011 11:49	0.013	0	0.001
230	10/13/2011 11:50	0.003	0	0
231	10/13/2011 11:51	0	0	0
232	10/13/2011 11:52	0.005	0	0
233	10/13/2011 11:53	0.003	0	0
234	10/13/2011 11:54	0.006	0	0
235	10/13/2011 11:55	0	0	0
236	10/13/2011 11:56	0.005	0	0
237	10/13/2011 11:57	0	0	0
238	10/13/2011 11:58	0	0	0
239	10/13/2011 11:59	0	0	0
240	10/13/2011 12:00	0	0	0
241	10/13/2011 12:01	0	0	0
242	10/13/2011 12:02	0	0	0
243	10/13/2011 12:03	0	0	0
244	10/13/2011 12:04	0	0	0
245	10/13/2011 12:05	0	0	0
246	10/13/2011 12:06	0	0	0
247	10/13/2011 12:07	0	0	0
248	10/13/2011 12:08	0	0	0
249	10/13/2011 12:09	0	0	0
250	10/13/2011 12:10	0	0	0
251	10/13/2011 12:11	0	0	0
252	10/13/2011 12:12	0	0	0
253	10/13/2011 12:13	0	0	0
254	10/13/2011 12:14	0	0	0
255	10/13/2011 12:15	0	0	0

256	10/13/2011 12:16	0	0	0
257	10/13/2011 12:17	0	0	0
258	10/13/2011 12:18	0	0	0
259	10/13/2011 12:19	0	0	0
260	10/13/2011 12:20	0	0	0
261	10/13/2011 12:21	0	0	0
262	10/13/2011 12:22	0	0	0
263	10/13/2011 12:23	0	0	0
264	10/13/2011 12:24	0	0	0
265	10/13/2011 12:25	0	0	0
266	10/13/2011 12:26	0	0	0
267	10/13/2011 12:27	0	0	0
268	10/13/2011 12:28	0	0	0
269	10/13/2011 12:29	0	0	0
270	10/13/2011 12:30	0	0	0
271	10/13/2011 12:31	0	0	0
272	10/13/2011 12:32	0	0	0
273	10/13/2011 12:33	0	0	0
274	10/13/2011 12:34	0	0	0
275	10/13/2011 12:35	0	0	0
276	10/13/2011 12:36	0	0	0
277	10/13/2011 12:37	0	0	0
278	10/13/2011 12:38	0	0	0
279	10/13/2011 12:39	0	0	0
280	10/13/2011 12:40	0	0	0
281	10/13/2011 12:41	0	0	0
282	10/13/2011 12:42	0	0	0
283	10/13/2011 12:43	0	0	0
284	10/13/2011 12:44	0	0	0
285	10/13/2011 12:45	0	0	0
286	10/13/2011 12:46	0	0	0
287	10/13/2011 12:47	0	0	0
288	10/13/2011 12:48	0	0	0
289	10/13/2011 12:49	0	0	0
290	10/13/2011 12:50	0	0	0
291	10/13/2011 12:51	0	0	0
292	10/13/2011 12:52	0	0	0
293	10/13/2011 12:53	0	0	0
294	10/13/2011 12:54	0	0	0
295	10/13/2011 12:55	0	0	0
296	10/13/2011 12:56	0	0	0
297	10/13/2011 12:57	0	0	0
298	10/13/2011 12:58	0	0	0
299	10/13/2011 12:59	0	0	0
300	10/13/2011 13:00	0	0	0
301	10/13/2011 13:01	0	0	0
302	10/13/2011 13:02	0	0	0
303	10/13/2011 13:03	0	0	0
304	10/13/2011 13:04	0	0	0
305	10/13/2011 13:05	0	0	0
306	10/13/2011 13:06	0	0	0
307	10/13/2011 13:07	0	0	0
308	10/13/2011 13:08	0	0	0
309	10/13/2011 13:09	0	0	0
310	10/13/2011 13:10	0	0	0
311	10/13/2011 13:11	0	0	0
312	10/13/2011 13:12	0	0	0
313	10/13/2011 13:13	0	0	0
314	10/13/2011 13:14	0	0	0
315	10/13/2011 13:15	0	0	0
316	10/13/2011 13:16	0	0	0
317	10/13/2011 13:17	0	0	0
318	10/13/2011 13:18	0	0	0
319	10/13/2011 13:19	0	0	0
320	10/13/2011 13:20	0	0	0
321	10/13/2011 13:21	0	0	0
322	10/13/2011 13:22	0	0	0
323	10/13/2011 13:23	0	0	0
324	10/13/2011 13:24	0	0	0

325	10/13/2011 13:25	0	0	0
326	10/13/2011 13:26	0	0	0
327	10/13/2011 13:27	0	0	0
328	10/13/2011 13:28	0	0	0
329	10/13/2011 13:29	0	0	0
330	10/13/2011 13:30	0	0	0
331	10/13/2011 13:31	0	0	0
332	10/13/2011 13:32	0	0	0
333	10/13/2011 13:33	0	0	0
334	10/13/2011 13:34	0	0	0
335	10/13/2011 13:35	0	0	0
336	10/13/2011 13:36	0	0	0
337	10/13/2011 13:37	0	0	0
338	10/13/2011 13:38	0	0	0
339	10/13/2011 13:39	0	0	0
340	10/13/2011 13:40	0	0	0
341	10/13/2011 13:41	0	0	0
342	10/13/2011 13:42	0	0	0
343	10/13/2011 13:43	0	0	0
344	10/13/2011 13:44	0	0	0
345	10/13/2011 13:45	0	0	0
346	10/13/2011 13:46	0	0	0
347	10/13/2011 13:47	0	0	0
348	10/13/2011 13:48	0	0	0
349	10/13/2011 13:49	0	0	0
350	10/13/2011 13:50	0	0	0
351	10/13/2011 13:51	0	0	0
352	10/13/2011 13:52	0	0	0
353	10/13/2011 13:53	0	0	0
354	10/13/2011 13:54	0	0	0
355	10/13/2011 13:55	0	0	0
356	10/13/2011 13:56	0	0	0
357	10/13/2011 13:57	0	0	0
358	10/13/2011 13:58	0	0	0
359	10/13/2011 13:59	0	0	0
360	10/13/2011 14:00	0	0	0
361	10/13/2011 14:01	0	0	0
362	10/13/2011 14:02	0	0	0
363	10/13/2011 14:03	0	0	0
364	10/13/2011 14:04	0	0	0
365	10/13/2011 14:05	0	0	0
366	10/13/2011 14:06	0	0	0
367	10/13/2011 14:07	0	0	0
368	10/13/2011 14:08	0	0	0
369	10/13/2011 14:09	0	0	0
370	10/13/2011 14:10	0	0	0
371	10/13/2011 14:11	0	0	0
372	10/13/2011 14:12	0	0	0
373	10/13/2011 14:13	0	0	0
374	10/13/2011 14:14	0	0	0
375	10/13/2011 14:15	0	0	0
376	10/13/2011 14:16	0	0	0
377	10/13/2011 14:17	0	0	0
378	10/13/2011 14:18	0	0	0
379	10/13/2011 14:19	0	0	0
380	10/13/2011 14:20	0	0	0
381	10/13/2011 14:21	0	0	0
382	10/13/2011 14:22	0	0	0
383	10/13/2011 14:23	0	0	0
384	10/13/2011 14:24	0	0	0
385	10/13/2011 14:25	0	0	0
386	10/13/2011 14:26	0	0	0
387	10/13/2011 14:27	0	0	0
388	10/13/2011 14:28	0	0	0
389	10/13/2011 14:29	0	0	0
390	10/13/2011 14:30	0	0	0
391	10/13/2011 14:31	0	0	0
392	10/13/2011 14:32	0	0	0
393	10/13/2011 14:33	0	0	0

394	10/13/2011 14:34	0	0	0
395	10/13/2011 14:35	0	0	0
396	10/13/2011 14:36	0	0	0
397	10/13/2011 14:37	0	0	0
398	10/13/2011 14:38	0	0	0
399	10/13/2011 14:39	0	0	0
400	10/13/2011 14:40	0	0	0
401	10/13/2011 14:41	0	0	0
402	10/13/2011 14:42	0	0	0
403	10/13/2011 14:43	0	0	0
404	10/13/2011 14:44	0	0	0
405	10/13/2011 14:45	0	0	0
406	10/13/2011 14:46	0	0	0
407	10/13/2011 14:47	0	0	0
408	10/13/2011 14:48	0	0	0
409	10/13/2011 14:49	0	0	0
410	10/13/2011 14:50	0	0	0
411	10/13/2011 14:51	0	0	0
412	10/13/2011 14:52	0	0	0
413	10/13/2011 14:53	0	0	0
414	10/13/2011 14:54	0	0	0
415	10/13/2011 14:55	0	0	0
416	10/13/2011 14:56	0	0	0
417	10/13/2011 14:57	0	0	0
418	10/13/2011 14:58	0	0	0
419	10/13/2011 14:59	0	0	0
420	10/13/2011 15:00	0	0	0
421	10/13/2011 15:01	0	0	0
422	10/13/2011 15:02	0	0	0
423	10/13/2011 15:03	0	0	0
424	10/13/2011 15:04	0	0	0
425	10/13/2011 15:05	0	0	0
426	10/13/2011 15:06	0	0	0
427	10/13/2011 15:07	0	0	0
428	10/13/2011 15:08	0	0	0
429	10/13/2011 15:09	0	0	0
430	10/13/2011 15:10	0	0	0
431	10/13/2011 15:11	0	0	0
432	10/13/2011 15:12	0	0	0
433	10/13/2011 15:13	0	0	0
434	10/13/2011 15:14	0	0	0
435	10/13/2011 15:15	0	0	0
436	10/13/2011 15:16	0	0	0
437	10/13/2011 15:17	0	0	0
438	10/13/2011 15:18	0	0	0
439	10/13/2011 15:19	0	0	0
440	10/13/2011 15:20	0	0	0
441	10/13/2011 15:21	0	0	0
442	10/13/2011 15:22	0	0	0
443	10/13/2011 15:23	0	0	0
444	10/13/2011 15:24	0	0	0
445	10/13/2011 15:25	0	0	0
446	10/13/2011 15:26	0	0	0
447	10/13/2011 15:27	0	0	0
448	10/13/2011 15:28	0	0	0
449	10/13/2011 15:29	0	0	0
450	10/13/2011 15:30	0	0	0
451	10/13/2011 15:31	0	0	0
452	10/13/2011 15:32	0	0	0
453	10/13/2011 15:33	0	0	0
454	10/13/2011 15:34	0	0	0
455	10/13/2011 15:35	0	0	0
456	10/13/2011 15:36	0	0	0
457	10/13/2011 15:37	0	0	0
458	10/13/2011 15:38	0	0	0
459	10/13/2011 15:39	0	0	0
460	10/13/2011 15:40	0	0	0
461	10/13/2011 15:41	0	0	0
462	10/13/2011 15:42	0	0	0

463	10/13/2011 15:43	0	0	0
464	10/13/2011 15:44	0	0	0
465	10/13/2011 15:45	0	0	0
466	10/13/2011 15:46	0	0	0
467	10/13/2011 15:47	0	0	0
468	10/13/2011 15:48	0	0	0
469	10/13/2011 15:49	0	0	0
470	10/13/2011 15:50	0	0	0
471	10/13/2011 15:51	0	0	0
472	10/13/2011 15:52	0	0	0
473	10/13/2011 15:53	0	0	0
474	10/13/2011 15:54	0	0	0
475	10/13/2011 15:55	0	0	0
476	10/13/2011 15:56	0	0	0
477	10/13/2011 15:57	0	0	0
478	10/13/2011 15:58	0	0	0
479	10/13/2011 15:59	0	0	0
480	10/13/2011 16:00	0	0	0
481	10/13/2011 16:01	0	0	0
482	10/13/2011 16:02	0	0	0
483	10/13/2011 16:03	0	0	0
484	10/13/2011 16:04	0	0	0
485	10/13/2011 16:05	0	0	0
486	10/13/2011 16:06	0	0	0
487	10/13/2011 16:07	0	0	0
488	10/13/2011 16:08	0	0	0
489	10/13/2011 16:09	0	0	0
490	10/13/2011 16:10	0	0	0
491	10/13/2011 16:11	0	0	0
492	10/13/2011 16:12	0	0	0
493	10/13/2011 16:13	0	0	0
494	10/13/2011 16:14	0	0	0
495	10/13/2011 16:15	0	0	0
496	10/13/2011 16:16	0	0	0
497	10/13/2011 16:17	0	0	0
498	10/13/2011 16:18	0	0	0
499	10/13/2011 16:19	0	0	0
500	10/13/2011 16:20	0	0	0
501	10/13/2011 16:21	0	0	0
502	10/13/2011 16:22	0	0	0
503	10/13/2011 16:23	0	0	0
504	10/13/2011 16:24	0	0	0
505	10/13/2011 16:25	0	0	0
506	10/13/2011 16:26	0	0	0
507	10/13/2011 16:27	0	0	0
508	10/13/2011 16:28	0	0	0
509	10/13/2011 16:29	0	0	0
510	10/13/2011 16:30	0	0	0
511	10/13/2011 16:31	0	0	0
512	10/13/2011 16:32	0	0	0
513	10/13/2011 16:33	0	0	0
514	10/13/2011 16:34	0	0	0
515	10/13/2011 16:35	0	0	0

=====Event #34 information (end)=====

=====Event #24 information (begin)=====

[Event #24 name:]-[Event #24]2011-10-13 08:07-->2011-10-13 16:48
[Event start time:]-2011-10-13 08:07:02[Event end time:]-2011-10-13 16:48:02

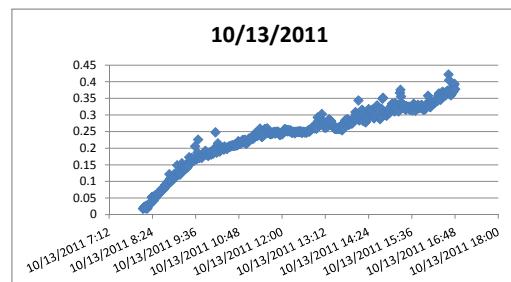
=====Event #24 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905367
Data Points: 521 Sample Period: 60 s Datalog Mode: Automatic
SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

Sensor Information : PID(ppb)
Measurement Gas : Isobutene
Calibration Time : 2011-10-13 07:12:00
Drift Value : --
Low Alarm Levels : 25847
High Alarm Levels : 51694
Span Value : 100000
Correction Factor : 1.00
Over Alarm Levels : 1500000

=====Event #24 data informations=====

LINE#	Date/Time	PID(ppm)	PID(ppb)
1	10/13/2011 8:08	0.018	18
2	10/13/2011 8:09	0.019	19
3	10/13/2011 8:10	0.023	23
4	10/13/2011 8:11	0.022	22
5	10/13/2011 8:12	0.019	19
6	10/13/2011 8:13	0.027	27
7	10/13/2011 8:14	0.021	21
8	10/13/2011 8:15	0.018	18
9	10/13/2011 8:16	0.021	21
10	10/13/2011 8:17	0.031	31
11	10/13/2011 8:18	0.03	30
12	10/13/2011 8:19	0.031	31
13	10/13/2011 8:20	0.031	31
14	10/13/2011 8:21	0.037	37
15	10/13/2011 8:22	0.038	38
16	10/13/2011 8:23	0.053	53
17	10/13/2011 8:24	0.054	54
18	10/13/2011 8:25	0.048	48
19	10/13/2011 8:26	0.042	42
20	10/13/2011 8:27	0.051	51
21	10/13/2011 8:28	0.058	58
22	10/13/2011 8:29	0.05	50
23	10/13/2011 8:30	0.059	59
24	10/13/2011 8:31	0.06	60
25	10/13/2011 8:32	0.063	63
26	10/13/2011 8:33	0.062	62
27	10/13/2011 8:34	0.061	61
28	10/13/2011 8:35	0.064	64
29	10/13/2011 8:36	0.064	64
30	10/13/2011 8:37	0.07	70
31	10/13/2011 8:38	0.073	73
32	10/13/2011 8:39	0.077	77
33	10/13/2011 8:40	0.074	74
34	10/13/2011 8:41	0.075	75
35	10/13/2011 8:42	0.078	78
36	10/13/2011 8:43	0.079	79
37	10/13/2011 8:44	0.079	79
38	10/13/2011 8:45	0.089	89
39	10/13/2011 8:46	0.088	88
40	10/13/2011 8:47	0.086	86
41	10/13/2011 8:48	0.095	95
42	10/13/2011 8:49	0.096	96
43	10/13/2011 8:50	0.094	94
44	10/13/2011 8:51	0.102	102
45	10/13/2011 8:52	0.122	122
46	10/13/2011 8:53	0.108	108
47	10/13/2011 8:54	0.099	99
48	10/13/2011 8:55	0.1	100



49	10/13/2011 8:56	0.104	104
50	10/13/2011 8:57	0.109	109
51	10/13/2011 8:58	0.106	106
52	10/13/2011 8:59	0.111	111
53	10/13/2011 9:00	0.113	113
54	10/13/2011 9:01	0.124	124
55	10/13/2011 9:02	0.122	122
56	10/13/2011 9:03	0.115	115
57	10/13/2011 9:04	0.117	117
58	10/13/2011 9:05	0.149	149
59	10/13/2011 9:06	0.121	121
60	10/13/2011 9:07	0.121	121
61	10/13/2011 9:08	0.122	122
62	10/13/2011 9:09	0.122	122
63	10/13/2011 9:10	0.121	121
64	10/13/2011 9:11	0.125	125
65	10/13/2011 9:12	0.132	132
66	10/13/2011 9:13	0.155	155
67	10/13/2011 9:14	0.145	145
68	10/13/2011 9:15	0.137	137
69	10/13/2011 9:16	0.144	144
70	10/13/2011 9:17	0.136	136
71	10/13/2011 9:18	0.136	136
72	10/13/2011 9:19	0.147	147
73	10/13/2011 9:20	0.139	139
74	10/13/2011 9:21	0.145	145
75	10/13/2011 9:22	0.142	142
76	10/13/2011 9:23	0.148	148
77	10/13/2011 9:24	0.148	148
78	10/13/2011 9:25	0.173	173
79	10/13/2011 9:26	0.162	162
80	10/13/2011 9:27	0.159	159
81	10/13/2011 9:28	0.158	158
82	10/13/2011 9:29	0.171	171
83	10/13/2011 9:30	0.168	168
84	10/13/2011 9:31	0.162	162
85	10/13/2011 9:32	0.167	167
86	10/13/2011 9:33	0.162	162
87	10/13/2011 9:34	0.168	168
88	10/13/2011 9:35	0.206	206
89	10/13/2011 9:36	0.174	174
90	10/13/2011 9:37	0.166	166
91	10/13/2011 9:38	0.169	169
92	10/13/2011 9:39	0.187	187
93	10/13/2011 9:40	0.226	226
94	10/13/2011 9:41	0.171	171
95	10/13/2011 9:42	0.171	171
96	10/13/2011 9:43	0.173	173
97	10/13/2011 9:44	0.175	175
98	10/13/2011 9:45	0.174	174
99	10/13/2011 9:46	0.171	171
100	10/13/2011 9:47	0.178	178
101	10/13/2011 9:48	0.179	179
102	10/13/2011 9:49	0.179	179
103	10/13/2011 9:50	0.182	182
104	10/13/2011 9:51	0.187	187
105	10/13/2011 9:52	0.192	192
106	10/13/2011 9:53	0.19	190
107	10/13/2011 9:54	0.181	181
108	10/13/2011 9:55	0.179	179
109	10/13/2011 9:56	0.179	179
110	10/13/2011 9:57	0.177	177
111	10/13/2011 9:58	0.182	182
112	10/13/2011 9:59	0.188	188
113	10/13/2011 10:00	0.182	182
114	10/13/2011 10:01	0.183	183
115	10/13/2011 10:02	0.181	181
116	10/13/2011 10:03	0.187	187
117	10/13/2011 10:04	0.185	185

118	10/13/2011 10:05	0.184	184
119	10/13/2011 10:06	0.187	187
120	10/13/2011 10:07	0.188	188
121	10/13/2011 10:08	0.201	201
122	10/13/2011 10:09	0.248	248
123	10/13/2011 10:10	0.199	199
124	10/13/2011 10:11	0.187	187
125	10/13/2011 10:12	0.2	200
126	10/13/2011 10:13	0.215	215
127	10/13/2011 10:14	0.2	200
128	10/13/2011 10:15	0.194	194
129	10/13/2011 10:16	0.19	190
130	10/13/2011 10:17	0.193	193
131	10/13/2011 10:18	0.196	196
132	10/13/2011 10:19	0.198	198
133	10/13/2011 10:20	0.202	202
134	10/13/2011 10:21	0.199	199
135	10/13/2011 10:22	0.198	198
136	10/13/2011 10:23	0.196	196
137	10/13/2011 10:24	0.205	205
138	10/13/2011 10:25	0.202	202
139	10/13/2011 10:26	0.202	202
140	10/13/2011 10:27	0.201	201
141	10/13/2011 10:28	0.198	198
142	10/13/2011 10:29	0.202	202
143	10/13/2011 10:30	0.203	203
144	10/13/2011 10:31	0.204	204
145	10/13/2011 10:32	0.206	206
146	10/13/2011 10:33	0.205	205
147	10/13/2011 10:34	0.205	205
148	10/13/2011 10:35	0.207	207
149	10/13/2011 10:36	0.208	208
150	10/13/2011 10:37	0.208	208
151	10/13/2011 10:38	0.209	209
152	10/13/2011 10:39	0.207	207
153	10/13/2011 10:40	0.208	208
154	10/13/2011 10:41	0.211	211
155	10/13/2011 10:42	0.208	208
156	10/13/2011 10:43	0.21	210
157	10/13/2011 10:44	0.209	209
158	10/13/2011 10:45	0.21	210
159	10/13/2011 10:46	0.21	210
160	10/13/2011 10:47	0.221	221
161	10/13/2011 10:48	0.215	215
162	10/13/2011 10:49	0.215	215
163	10/13/2011 10:50	0.214	214
164	10/13/2011 10:51	0.214	214
165	10/13/2011 10:52	0.218	218
166	10/13/2011 10:53	0.217	217
167	10/13/2011 10:54	0.225	225
168	10/13/2011 10:55	0.221	221
169	10/13/2011 10:56	0.224	224
170	10/13/2011 10:57	0.217	217
171	10/13/2011 10:58	0.226	226
172	10/13/2011 10:59	0.215	215
173	10/13/2011 11:00	0.214	214
174	10/13/2011 11:01	0.215	215
175	10/13/2011 11:02	0.216	216
176	10/13/2011 11:03	0.222	222
177	10/13/2011 11:04	0.227	227
178	10/13/2011 11:05	0.23	230
179	10/13/2011 11:06	0.224	224
180	10/13/2011 11:07	0.23	230
181	10/13/2011 11:08	0.228	228
182	10/13/2011 11:09	0.228	228
183	10/13/2011 11:10	0.231	231
184	10/13/2011 11:11	0.229	229
185	10/13/2011 11:12	0.229	229
186	10/13/2011 11:13	0.237	237

187	10/13/2011 11:14	0.239	239
188	10/13/2011 11:15	0.245	245
189	10/13/2011 11:16	0.244	244
190	10/13/2011 11:17	0.242	242
191	10/13/2011 11:18	0.237	237
192	10/13/2011 11:19	0.238	238
193	10/13/2011 11:20	0.244	244
194	10/13/2011 11:21	0.247	247
195	10/13/2011 11:22	0.248	248
196	10/13/2011 11:23	0.259	259
197	10/13/2011 11:24	0.249	249
198	10/13/2011 11:25	0.24	240
199	10/13/2011 11:26	0.234	234
200	10/13/2011 11:27	0.235	235
201	10/13/2011 11:28	0.239	239
202	10/13/2011 11:29	0.239	239
203	10/13/2011 11:30	0.251	251
204	10/13/2011 11:31	0.258	258
205	10/13/2011 11:32	0.251	251
206	10/13/2011 11:33	0.248	248
207	10/13/2011 11:34	0.245	245
208	10/13/2011 11:35	0.26	260
209	10/13/2011 11:36	0.248	248
210	10/13/2011 11:37	0.247	247
211	10/13/2011 11:38	0.246	246
212	10/13/2011 11:39	0.244	244
213	10/13/2011 11:40	0.243	243
214	10/13/2011 11:41	0.242	242
215	10/13/2011 11:42	0.243	243
216	10/13/2011 11:43	0.244	244
217	10/13/2011 11:44	0.247	247
218	10/13/2011 11:45	0.245	245
219	10/13/2011 11:46	0.249	249
220	10/13/2011 11:47	0.249	249
221	10/13/2011 11:48	0.245	245
222	10/13/2011 11:49	0.245	245
223	10/13/2011 11:50	0.25	250
224	10/13/2011 11:51	0.249	249
225	10/13/2011 11:52	0.249	249
226	10/13/2011 11:53	0.25	250
227	10/13/2011 11:54	0.248	248
228	10/13/2011 11:55	0.245	245
229	10/13/2011 11:56	0.24	240
230	10/13/2011 11:57	0.241	241
231	10/13/2011 11:58	0.242	242
232	10/13/2011 11:59	0.244	244
233	10/13/2011 12:00	0.242	242
234	10/13/2011 12:01	0.245	245
235	10/13/2011 12:02	0.252	252
236	10/13/2011 12:03	0.253	253
237	10/13/2011 12:04	0.257	257
238	10/13/2011 12:05	0.257	257
239	10/13/2011 12:06	0.252	252
240	10/13/2011 12:07	0.256	256
241	10/13/2011 12:08	0.254	254
242	10/13/2011 12:09	0.251	251
243	10/13/2011 12:10	0.255	255
244	10/13/2011 12:11	0.254	254
245	10/13/2011 12:12	0.251	251
246	10/13/2011 12:13	0.253	253
247	10/13/2011 12:14	0.254	254
248	10/13/2011 12:15	0.251	251
249	10/13/2011 12:16	0.247	247
250	10/13/2011 12:17	0.247	247
251	10/13/2011 12:18	0.25	250
252	10/13/2011 12:19	0.249	249
253	10/13/2011 12:20	0.249	249
254	10/13/2011 12:21	0.245	245
255	10/13/2011 12:22	0.249	249

256	10/13/2011 12:23	0.249	249
257	10/13/2011 12:24	0.249	249
258	10/13/2011 12:25	0.25	250
259	10/13/2011 12:26	0.25	250
260	10/13/2011 12:27	0.249	249
261	10/13/2011 12:28	0.251	251
262	10/13/2011 12:29	0.249	249
263	10/13/2011 12:30	0.251	251
264	10/13/2011 12:31	0.251	251
265	10/13/2011 12:32	0.247	247
266	10/13/2011 12:33	0.247	247
267	10/13/2011 12:34	0.248	248
268	10/13/2011 12:35	0.25	250
269	10/13/2011 12:36	0.249	249
270	10/13/2011 12:37	0.248	248
271	10/13/2011 12:38	0.249	249
272	10/13/2011 12:39	0.248	248
273	10/13/2011 12:40	0.247	247
274	10/13/2011 12:41	0.25	250
275	10/13/2011 12:42	0.249	249
276	10/13/2011 12:43	0.252	252
277	10/13/2011 12:44	0.255	255
278	10/13/2011 12:45	0.25	250
279	10/13/2011 12:46	0.253	253
280	10/13/2011 12:47	0.255	255
281	10/13/2011 12:48	0.255	255
282	10/13/2011 12:49	0.257	257
283	10/13/2011 12:50	0.261	261
284	10/13/2011 12:51	0.261	261
285	10/13/2011 12:52	0.267	267
286	10/13/2011 12:53	0.261	261
287	10/13/2011 12:54	0.26	260
288	10/13/2011 12:55	0.263	263
289	10/13/2011 12:56	0.262	262
290	10/13/2011 12:57	0.259	259
291	10/13/2011 12:58	0.261	261
292	10/13/2011 12:59	0.293	293
293	10/13/2011 13:00	0.282	282
294	10/13/2011 13:01	0.274	274
295	10/13/2011 13:02	0.277	277
296	10/13/2011 13:03	0.275	275
297	10/13/2011 13:04	0.279	279
298	10/13/2011 13:05	0.287	287
299	10/13/2011 13:06	0.303	303
300	10/13/2011 13:07	0.28	280
301	10/13/2011 13:08	0.275	275
302	10/13/2011 13:09	0.28	280
303	10/13/2011 13:10	0.275	275
304	10/13/2011 13:11	0.262	262
305	10/13/2011 13:12	0.263	263
306	10/13/2011 13:13	0.263	263
307	10/13/2011 13:14	0.263	263
308	10/13/2011 13:15	0.274	274
309	10/13/2011 13:16	0.272	272
310	10/13/2011 13:17	0.282	282
311	10/13/2011 13:18	0.287	287
312	10/13/2011 13:19	0.275	275
313	10/13/2011 13:20	0.276	276
314	10/13/2011 13:21	0.283	283
315	10/13/2011 13:22	0.279	279
316	10/13/2011 13:23	0.271	271
317	10/13/2011 13:24	0.268	268
318	10/13/2011 13:25	0.264	264
319	10/13/2011 13:26	0.264	264
320	10/13/2011 13:27	0.26	260
321	10/13/2011 13:28	0.258	258
322	10/13/2011 13:29	0.259	259
323	10/13/2011 13:30	0.258	258
324	10/13/2011 13:31	0.261	261

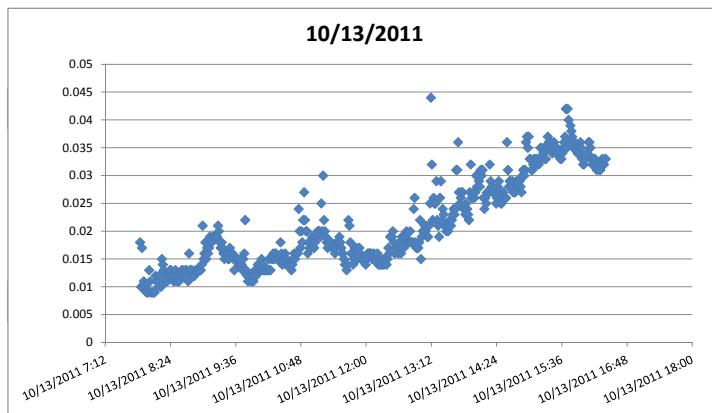
325	10/13/2011 13:32	0.259	259
326	10/13/2011 13:33	0.259	259
327	10/13/2011 13:34	0.259	259
328	10/13/2011 13:35	0.264	264
329	10/13/2011 13:36	0.26	260
330	10/13/2011 13:37	0.257	257
331	10/13/2011 13:38	0.258	258
332	10/13/2011 13:39	0.258	258
333	10/13/2011 13:40	0.254	254
334	10/13/2011 13:41	0.258	258
335	10/13/2011 13:42	0.261	261
336	10/13/2011 13:43	0.277	277
337	10/13/2011 13:44	0.275	275
338	10/13/2011 13:45	0.284	284
339	10/13/2011 13:46	0.284	284
340	10/13/2011 13:47	0.284	284
341	10/13/2011 13:48	0.286	286
342	10/13/2011 13:49	0.287	287
343	10/13/2011 13:50	0.274	274
344	10/13/2011 13:51	0.27	270
345	10/13/2011 13:52	0.281	281
346	10/13/2011 13:53	0.275	275
347	10/13/2011 13:54	0.279	279
348	10/13/2011 13:55	0.278	278
349	10/13/2011 13:56	0.274	274
350	10/13/2011 13:57	0.276	276
351	10/13/2011 13:58	0.288	288
352	10/13/2011 13:59	0.291	291
353	10/13/2011 14:00	0.287	287
354	10/13/2011 14:01	0.291	291
355	10/13/2011 14:02	0.309	309
356	10/13/2011 14:03	0.302	302
357	10/13/2011 14:04	0.303	303
358	10/13/2011 14:05	0.298	298
359	10/13/2011 14:06	0.294	294
360	10/13/2011 14:07	0.344	344
361	10/13/2011 14:08	0.284	284
362	10/13/2011 14:09	0.285	285
363	10/13/2011 14:10	0.291	291
364	10/13/2011 14:11	0.296	296
365	10/13/2011 14:12	0.3	300
366	10/13/2011 14:13	0.316	316
367	10/13/2011 14:14	0.286	286
368	10/13/2011 14:15	0.282	282
369	10/13/2011 14:16	0.3	300
370	10/13/2011 14:17	0.305	305
371	10/13/2011 14:18	0.289	289
372	10/13/2011 14:19	0.278	278
373	10/13/2011 14:20	0.281	281
374	10/13/2011 14:21	0.289	289
375	10/13/2011 14:22	0.295	295
376	10/13/2011 14:23	0.302	302
377	10/13/2011 14:24	0.318	318
378	10/13/2011 14:25	0.307	307
379	10/13/2011 14:26	0.31	310
380	10/13/2011 14:27	0.311	311
381	10/13/2011 14:28	0.313	313
382	10/13/2011 14:29	0.313	313
383	10/13/2011 14:30	0.316	316
384	10/13/2011 14:31	0.311	311
385	10/13/2011 14:32	0.3	300
386	10/13/2011 14:33	0.29	290
387	10/13/2011 14:34	0.296	296
388	10/13/2011 14:35	0.304	304
389	10/13/2011 14:36	0.309	309
390	10/13/2011 14:37	0.316	316
391	10/13/2011 14:38	0.329	329
392	10/13/2011 14:39	0.317	317
393	10/13/2011 14:40	0.316	316

394	10/13/2011 14:41	0.306	306
395	10/13/2011 14:42	0.291	291
396	10/13/2011 14:43	0.288	288
397	10/13/2011 14:44	0.294	294
398	10/13/2011 14:45	0.295	295
399	10/13/2011 14:46	0.318	318
400	10/13/2011 14:47	0.349	349
401	10/13/2011 14:48	0.352	352
402	10/13/2011 14:49	0.308	308
403	10/13/2011 14:50	0.306	306
404	10/13/2011 14:51	0.309	309
405	10/13/2011 14:52	0.303	303
406	10/13/2011 14:53	0.3	300
407	10/13/2011 14:54	0.298	298
408	10/13/2011 14:55	0.304	304
409	10/13/2011 14:56	0.316	316
410	10/13/2011 14:57	0.304	304
411	10/13/2011 14:58	0.309	309
412	10/13/2011 14:59	0.307	307
413	10/13/2011 15:00	0.313	313
414	10/13/2011 15:01	0.318	318
415	10/13/2011 15:02	0.328	328
416	10/13/2011 15:03	0.334	334
417	10/13/2011 15:04	0.333	333
418	10/13/2011 15:05	0.321	321
419	10/13/2011 15:06	0.324	324
420	10/13/2011 15:07	0.311	311
421	10/13/2011 15:08	0.336	336
422	10/13/2011 15:09	0.324	324
423	10/13/2011 15:10	0.315	315
424	10/13/2011 15:11	0.318	318
425	10/13/2011 15:12	0.331	331
426	10/13/2011 15:13	0.326	326
427	10/13/2011 15:14	0.311	311
428	10/13/2011 15:15	0.332	332
429	10/13/2011 15:16	0.367	367
430	10/13/2011 15:17	0.376	376
431	10/13/2011 15:18	0.356	356
432	10/13/2011 15:19	0.336	336
433	10/13/2011 15:20	0.33	330
434	10/13/2011 15:21	0.329	329
435	10/13/2011 15:22	0.327	327
436	10/13/2011 15:23	0.33	330
437	10/13/2011 15:24	0.319	319
438	10/13/2011 15:25	0.318	318
439	10/13/2011 15:26	0.316	316
440	10/13/2011 15:27	0.327	327
441	10/13/2011 15:28	0.324	324
442	10/13/2011 15:29	0.323	323
443	10/13/2011 15:30	0.323	323
444	10/13/2011 15:31	0.325	325
445	10/13/2011 15:32	0.317	317
446	10/13/2011 15:33	0.316	316
447	10/13/2011 15:34	0.318	318
448	10/13/2011 15:35	0.317	317
449	10/13/2011 15:36	0.322	322
450	10/13/2011 15:37	0.314	314
451	10/13/2011 15:38	0.326	326
452	10/13/2011 15:39	0.334	334
453	10/13/2011 15:40	0.331	331
454	10/13/2011 15:41	0.327	327
455	10/13/2011 15:42	0.313	313
456	10/13/2011 15:43	0.322	322
457	10/13/2011 15:44	0.322	322
458	10/13/2011 15:45	0.327	327
459	10/13/2011 15:46	0.331	331
460	10/13/2011 15:47	0.326	326
461	10/13/2011 15:48	0.32	320
462	10/13/2011 15:49	0.327	327

463	10/13/2011 15:50	0.326	326
464	10/13/2011 15:51	0.322	322
465	10/13/2011 15:52	0.331	331
466	10/13/2011 15:53	0.323	323
467	10/13/2011 15:54	0.32	320
468	10/13/2011 15:55	0.316	316
469	10/13/2011 15:56	0.322	322
470	10/13/2011 15:57	0.317	317
471	10/13/2011 15:58	0.317	317
472	10/13/2011 15:59	0.322	322
473	10/13/2011 16:00	0.327	327
474	10/13/2011 16:01	0.332	332
475	10/13/2011 16:02	0.337	337
476	10/13/2011 16:03	0.358	358
477	10/13/2011 16:04	0.333	333
478	10/13/2011 16:05	0.329	329
479	10/13/2011 16:06	0.325	325
480	10/13/2011 16:07	0.324	324
481	10/13/2011 16:08	0.334	334
482	10/13/2011 16:09	0.34	340
483	10/13/2011 16:10	0.336	336
484	10/13/2011 16:11	0.335	335
485	10/13/2011 16:12	0.335	335
486	10/13/2011 16:13	0.342	342
487	10/13/2011 16:14	0.339	339
488	10/13/2011 16:15	0.338	338
489	10/13/2011 16:16	0.342	342
490	10/13/2011 16:17	0.343	343
491	10/13/2011 16:18	0.344	344
492	10/13/2011 16:19	0.343	343
493	10/13/2011 16:20	0.358	358
494	10/13/2011 16:21	0.365	365
495	10/13/2011 16:22	0.363	363
496	10/13/2011 16:23	0.347	347
497	10/13/2011 16:24	0.346	346
498	10/13/2011 16:25	0.354	354
499	10/13/2011 16:26	0.359	359
500	10/13/2011 16:27	0.37	370
501	10/13/2011 16:28	0.364	364
502	10/13/2011 16:29	0.367	367
503	10/13/2011 16:30	0.367	367
504	10/13/2011 16:31	0.36	360
505	10/13/2011 16:32	0.359	359
506	10/13/2011 16:33	0.368	368
507	10/13/2011 16:34	0.371	371
508	10/13/2011 16:35	0.369	369
509	10/13/2011 16:36	0.374	374
510	10/13/2011 16:37	0.422	422
511	10/13/2011 16:38	0.405	405
512	10/13/2011 16:39	0.375	375
513	10/13/2011 16:40	0.369	369
514	10/13/2011 16:41	0.359	359
515	10/13/2011 16:42	0.362	362
516	10/13/2011 16:43	0.38	380
517	10/13/2011 16:44	0.37	370
518	10/13/2011 16:45	0.37	370
519	10/13/2011 16:46	0.39	390
520	10/13/2011 16:47	0.394	394
521	10/13/2011 16:48	0.378	378

=====Event #24 information (end)=====

Instrument Name DustTrak DRX
 Model Number 8533
 Serial Number 8533101806
 Firmware Version 2.8
 Calibration Date 5/19/2011
 Test Name MANUAL_008
 Test Start Time 7:49:28 AM
 Test Start Date 10/13/2011
 Test Length [D:H:M] 0:08:35
 Test Interval [M:S] 1:00
 PM1 Average [mg/m³] 0.019
 PM1 Minimum [mg] 0.008
 PM1 Maximum [mg] 0.038
 PM1 TWA [mg/m³] 0.018
 PM2.5 Average [mg] 0.019
 PM2.5 Minimum [n] 0.008
 PM2.5 Maximum [r] 0.039
 PM2.5 TWA [mg/m³] 0.018
 PM4 Average [mg/m³] 0.02
 PM4 Minimum [mg] 0.008
 PM4 Maximum [mg] 0.04
 PM4 TWA [mg/m³] 0.019
 PM10 Average [mg] 0.021
 PM10 Minimum [m] 0.009
 PM10 Maximum [r] 0.043
 PM10 TWA [mg/m³] 0.02
 TOTAL Average [mg] 0.021
 TOTAL Minimum [n] 0.009
 TOTAL Maximum [r] 0.044
 TOTAL TWA [mg/m³] 0.02
 Photometric User C 1
 Size Correction Use 1
 Flow User Cal 1
 Errors
 Number of Samples 515



Elapsed Time [s]	PM1 [mg/m ³]	PM2.5 [mg/m ³]	PM4 [mg/m ³]	PM10 [mg/m ³]	7:49:28 AM	Time/Date	TOTAL [mg/m ³]	Alarms	Errors
60	0.011	0.011	0.012	0.014	7:50:28 AM	10/13/2011 7:50	0.018		
120	0.01	0.01	0.01	0.01	7:51:28 AM	10/13/2011 7:51	0.01		
180	0.015	0.015	0.015	0.016	7:52:28 AM	10/13/2011 7:52	0.017		
240	0.01	0.01	0.01	0.01	7:53:28 AM	10/13/2011 7:53	0.01		
300	0.01	0.01	0.01	0.011	7:54:28 AM	10/13/2011 7:54	0.011		
360	0.01	0.01	0.01	0.01	7:55:28 AM	10/13/2011 7:55	0.01		
420	0.009	0.009	0.009	0.01	7:56:28 AM	10/13/2011 7:56	0.01		
480	0.009	0.009	0.009	0.009	7:57:28 AM	10/13/2011 7:57	0.009		
540	0.009	0.009	0.009	0.009	7:58:28 AM	10/13/2011 7:58	0.009		
600	0.009	0.009	0.009	0.009	7:59:28 AM	10/13/2011 7:59	0.009		
660	0.011	0.011	0.011	0.012	8:00:28 AM	10/13/2011 8:00	0.013		
720	0.01	0.011	0.011	0.011	8:01:28 AM	10/13/2011 8:01	0.011		
780	0.009	0.009	0.009	0.009	8:02:28 AM	10/13/2011 8:02	0.009		
840	0.008	0.008	0.009	0.009	8:03:28 AM	10/13/2011 8:03	0.009		
900	0.008	0.008	0.008	0.009	8:04:28 AM	10/13/2011 8:04	0.009		
960	0.008	0.009	0.009	0.009	8:05:28 AM	10/13/2011 8:05	0.009		
1020	0.008	0.009	0.009	0.009	8:06:28 AM	10/13/2011 8:06	0.009		
1080	0.011	0.011	0.011	0.012	8:07:28 AM	10/13/2011 8:07	0.012		
1140	0.01	0.011	0.011	0.011	8:08:28 AM	10/13/2011 8:08	0.011		
1200	0.01	0.01	0.01	0.011	8:09:28 AM	10/13/2011 8:09	0.011		
1260	0.01	0.01	0.01	0.01	8:10:28 AM	10/13/2011 8:10	0.01		
1320	0.011	0.011	0.011	0.012	8:11:28 AM	10/13/2011 8:11	0.012		
1380	0.01	0.01	0.011	0.011	8:12:28 AM	10/13/2011 8:12	0.012		
1440	0.01	0.01	0.01	0.01	8:13:28 AM	10/13/2011 8:13	0.01		
1500	0.014	0.014	0.014	0.015	8:14:28 AM	10/13/2011 8:14	0.015		
1560	0.012	0.012	0.012	0.014	8:15:28 AM	10/13/2011 8:15	0.014		
1620	0.011	0.012	0.012	0.013	8:16:28 AM	10/13/2011 8:16	0.013		
1680	0.011	0.011	0.012	0.012	8:17:28 AM	10/13/2011 8:17	0.012		
1740	0.01	0.01	0.011	0.011	8:18:28 AM	10/13/2011 8:18	0.011		
1800	0.01	0.011	0.011	0.011	8:19:28 AM	10/13/2011 8:19	0.011		
1860	0.01	0.011	0.011	0.011	8:20:28 AM	10/13/2011 8:20	0.011		
1920	0.011	0.011	0.011	0.012	8:21:28 AM	10/13/2011 8:21	0.012		

1980	0.011	0.011	0.011	0.012	8:22:28 AM	10/13/2011 8:22	0.012
2040	0.011	0.011	0.012	0.012	8:23:28 AM	10/13/2011 8:23	0.013
2100	0.012	0.012	0.012	0.013	8:24:28 AM	10/13/2011 8:24	0.013
2160	0.011	0.011	0.012	0.012	8:25:28 AM	10/13/2011 8:25	0.012
2220	0.011	0.011	0.011	0.012	8:26:28 AM	10/13/2011 8:26	0.012
2280	0.01	0.01	0.011	0.011	8:27:28 AM	10/13/2011 8:27	0.011
2340	0.01	0.01	0.011	0.011	8:28:28 AM	10/13/2011 8:28	0.011
2400	0.012	0.012	0.012	0.013	8:29:28 AM	10/13/2011 8:29	0.013
2460	0.011	0.011	0.011	0.012	8:30:28 AM	10/13/2011 8:30	0.012
2520	0.01	0.01	0.011	0.011	8:31:28 AM	10/13/2011 8:31	0.011
2580	0.01	0.01	0.01	0.011	8:32:28 AM	10/13/2011 8:32	0.011
2640	0.01	0.01	0.011	0.011	8:33:28 AM	10/13/2011 8:33	0.011
2700	0.011	0.011	0.011	0.012	8:34:28 AM	10/13/2011 8:34	0.012
2760	0.011	0.011	0.011	0.012	8:35:28 AM	10/13/2011 8:35	0.012
2820	0.011	0.011	0.012	0.013	8:36:28 AM	10/13/2011 8:36	0.013
2880	0.011	0.011	0.011	0.012	8:37:28 AM	10/13/2011 8:37	0.013
2940	0.011	0.011	0.011	0.012	8:38:28 AM	10/13/2011 8:38	0.012
3000	0.011	0.011	0.011	0.012	8:39:28 AM	10/13/2011 8:39	0.012
3060	0.011	0.012	0.012	0.013	8:40:28 AM	10/13/2011 8:40	0.013
3120	0.012	0.012	0.013	0.013	8:41:28 AM	10/13/2011 8:41	0.013
3180	0.011	0.011	0.011	0.012	8:42:28 AM	10/13/2011 8:42	0.012
3240	0.01	0.011	0.011	0.011	8:43:28 AM	10/13/2011 8:43	0.011
3300	0.013	0.014	0.015	0.016	8:44:28 AM	10/13/2011 8:44	0.016
3360	0.011	0.012	0.012	0.013	8:45:28 AM	10/13/2011 8:45	0.013
3420	0.011	0.011	0.012	0.013	8:46:28 AM	10/13/2011 8:46	0.013
3480	0.011	0.012	0.012	0.012	8:47:28 AM	10/13/2011 8:47	0.013
3540	0.011	0.012	0.012	0.012	8:48:28 AM	10/13/2011 8:48	0.012
3600	0.011	0.011	0.012	0.012	8:49:28 AM	10/13/2011 8:49	0.012
3660	0.011	0.011	0.012	0.012	8:50:28 AM	10/13/2011 8:50	0.012
3720	0.011	0.012	0.012	0.013	8:51:28 AM	10/13/2011 8:51	0.013
3780	0.012	0.012	0.012	0.013	8:52:28 AM	10/13/2011 8:52	0.013
3840	0.012	0.013	0.013	0.013	8:53:28 AM	10/13/2011 8:53	0.013
3900	0.012	0.013	0.013	0.013	8:54:28 AM	10/13/2011 8:54	0.013
3960	0.012	0.013	0.013	0.013	8:55:28 AM	10/13/2011 8:55	0.013
4020	0.013	0.013	0.013	0.013	8:56:28 AM	10/13/2011 8:56	0.013
4080	0.012	0.012	0.013	0.013	8:57:28 AM	10/13/2011 8:57	0.013
4140	0.013	0.013	0.013	0.014	8:58:28 AM	10/13/2011 8:58	0.014
4200	0.017	0.017	0.018	0.019	8:59:28 AM	10/13/2011 8:59	0.021
4260	0.013	0.014	0.014	0.015	9:00:28 AM	10/13/2011 9:00	0.015
4320	0.014	0.014	0.014	0.015	9:01:28 AM	10/13/2011 9:01	0.016
4380	0.017	0.017	0.018	0.018	9:02:28 AM	10/13/2011 9:02	0.018
4440	0.014	0.014	0.015	0.015	9:03:28 AM	10/13/2011 9:03	0.015
4500	0.015	0.015	0.016	0.017	9:04:28 AM	10/13/2011 9:04	0.017
4560	0.015	0.015	0.015	0.016	9:05:28 AM	10/13/2011 9:05	0.016
4620	0.015	0.016	0.016	0.017	9:06:28 AM	10/13/2011 9:06	0.017
4680	0.016	0.017	0.017	0.019	9:07:28 AM	10/13/2011 9:07	0.019
4740	0.016	0.017	0.017	0.018	9:08:28 AM	10/13/2011 9:08	0.018
4800	0.016	0.017	0.017	0.018	9:09:28 AM	10/13/2011 9:09	0.018
4860	0.018	0.018	0.019	0.019	9:10:28 AM	10/13/2011 9:10	0.019
4920	0.017	0.018	0.018	0.019	9:11:28 AM	10/13/2011 9:11	0.019
4980	0.018	0.018	0.019	0.019	9:12:28 AM	10/13/2011 9:12	0.019
5040	0.018	0.018	0.018	0.019	9:13:28 AM	10/13/2011 9:13	0.019
5100	0.017	0.018	0.018	0.019	9:14:28 AM	10/13/2011 9:14	0.019
5160	0.017	0.017	0.018	0.019	9:15:28 AM	10/13/2011 9:15	0.019
5220	0.018	0.019	0.019	0.021	9:16:28 AM	10/13/2011 9:16	0.021
5280	0.018	0.019	0.019	0.02	9:17:28 AM	10/13/2011 9:17	0.02
5340	0.016	0.016	0.017	0.018	9:18:28 AM	10/13/2011 9:18	0.018
5400	0.016	0.016	0.017	0.017	9:19:28 AM	10/13/2011 9:19	0.017
5460	0.016	0.016	0.017	0.018	9:20:28 AM	10/13/2011 9:20	0.018
5520	0.016	0.016	0.016	0.017	9:21:28 AM	10/13/2011 9:21	0.017
5580	0.015	0.015	0.016	0.016	9:22:28 AM	10/13/2011 9:22	0.016
5640	0.014	0.014	0.015	0.015	9:23:28 AM	10/13/2011 9:23	0.015
5700	0.015	0.015	0.016	0.016	9:24:28 AM	10/13/2011 9:24	0.016
5760	0.015	0.015	0.015	0.016	9:25:28 AM	10/13/2011 9:25	0.016
5820	0.015	0.015	0.015	0.016	9:26:28 AM	10/13/2011 9:26	0.016
5880	0.014	0.014	0.014	0.015	9:27:28 AM	10/13/2011 9:27	0.015
5940	0.014	0.014	0.015	0.015	9:28:28 AM	10/13/2011 9:28	0.015
6000	0.015	0.015	0.016	0.016	9:29:28 AM	10/13/2011 9:29	0.017
6060	0.015	0.015	0.016	0.016	9:30:28 AM	10/13/2011 9:30	0.016

6120	0.015	0.015	0.015	0.016	9:31:28 AM	10/13/2011 9:31	0.016
6180	0.015	0.015	0.015	0.016	9:32:28 AM	10/13/2011 9:32	0.016
6240	0.013	0.014	0.014	0.014	9:33:28 AM	10/13/2011 9:33	0.015
6300	0.012	0.013	0.013	0.013	9:34:28 AM	10/13/2011 9:34	0.013
6360	0.013	0.013	0.014	0.014	9:35:28 AM	10/13/2011 9:35	0.015
6420	0.014	0.014	0.014	0.015	9:36:28 AM	10/13/2011 9:36	0.015
6480	0.014	0.014	0.014	0.015	9:37:28 AM	10/13/2011 9:37	0.015
6540	0.014	0.014	0.014	0.015	9:38:28 AM	10/13/2011 9:38	0.015
6600	0.013	0.014	0.014	0.014	9:39:28 AM	10/13/2011 9:39	0.014
6660	0.013	0.014	0.014	0.014	9:40:28 AM	10/13/2011 9:40	0.014
6720	0.013	0.014	0.014	0.015	9:41:28 AM	10/13/2011 9:41	0.015
6780	0.013	0.013	0.013	0.014	9:42:28 AM	10/13/2011 9:42	0.014
6840	0.012	0.012	0.013	0.013	9:43:28 AM	10/13/2011 9:43	0.013
6900	0.014	0.014	0.015	0.015	9:44:28 AM	10/13/2011 9:44	0.015
6960	0.014	0.014	0.014	0.015	9:45:28 AM	10/13/2011 9:45	0.016
7020	0.021	0.021	0.022	0.022	9:46:28 AM	10/13/2011 9:46	0.022
7080	0.012	0.012	0.013	0.013	9:47:28 AM	10/13/2011 9:47	0.013
7140	0.011	0.011	0.012	0.012	9:48:28 AM	10/13/2011 9:48	0.012
7200	0.01	0.011	0.011	0.011	9:49:28 AM	10/13/2011 9:49	0.011
7260	0.011	0.011	0.012	0.012	9:50:28 AM	10/13/2011 9:50	0.012
7320	0.011	0.011	0.011	0.012	9:51:28 AM	10/13/2011 9:51	0.012
7380	0.01	0.01	0.011	0.011	9:52:28 AM	10/13/2011 9:52	0.011
7440	0.011	0.011	0.011	0.011	9:53:28 AM	10/13/2011 9:53	0.011
7500	0.011	0.011	0.011	0.012	9:54:28 AM	10/13/2011 9:54	0.012
7560	0.011	0.011	0.011	0.011	9:55:28 AM	10/13/2011 9:55	0.011
7620	0.011	0.012	0.012	0.012	9:56:28 AM	10/13/2011 9:56	0.012
7680	0.011	0.012	0.012	0.012	9:57:28 AM	10/13/2011 9:57	0.013
7740	0.011	0.012	0.012	0.012	9:58:28 AM	10/13/2011 9:58	0.012
7800	0.012	0.012	0.012	0.013	9:59:28 AM	10/13/2011 9:59	0.013
7860	0.013	0.013	0.014	0.014	10:00:28 AM	10/13/2011 10:00	0.014
7920	0.013	0.014	0.014	0.014	10:01:28 AM	10/13/2011 10:01	0.014
7980	0.012	0.012	0.012	0.013	10:02:28 AM	10/13/2011 10:02	0.013
8040	0.012	0.012	0.012	0.013	10:03:28 AM	10/13/2011 10:03	0.013
8100	0.013	0.013	0.013	0.014	10:04:28 AM	10/13/2011 10:04	0.015
8160	0.012	0.013	0.013	0.013	10:05:28 AM	10/13/2011 10:05	0.013
8220	0.013	0.013	0.013	0.014	10:06:28 AM	10/13/2011 10:06	0.014
8280	0.012	0.012	0.012	0.013	10:07:28 AM	10/13/2011 10:07	0.013
8340	0.012	0.012	0.013	0.013	10:08:28 AM	10/13/2011 10:08	0.013
8400	0.012	0.012	0.013	0.013	10:09:28 AM	10/13/2011 10:09	0.013
8460	0.012	0.013	0.013	0.013	10:10:28 AM	10/13/2011 10:10	0.013
8520	0.012	0.013	0.013	0.013	10:11:28 AM	10/13/2011 10:11	0.013
8580	0.013	0.013	0.014	0.015	10:12:28 AM	10/13/2011 10:12	0.015
8640	0.012	0.012	0.013	0.013	10:13:28 AM	10/13/2011 10:13	0.013
8700	0.012	0.013	0.013	0.013	10:14:28 AM	10/13/2011 10:14	0.013
8760	0.013	0.014	0.014	0.015	10:15:28 AM	10/13/2011 10:15	0.015
8820	0.014	0.014	0.014	0.015	10:16:28 AM	10/13/2011 10:16	0.015
8880	0.014	0.014	0.015	0.016	10:17:28 AM	10/13/2011 10:17	0.016
8940	0.014	0.014	0.015	0.015	10:18:28 AM	10/13/2011 10:18	0.015
9000	0.014	0.015	0.015	0.016	10:19:28 AM	10/13/2011 10:19	0.016
9060	0.014	0.015	0.015	0.016	10:20:28 AM	10/13/2011 10:20	0.016
9120	0.013	0.014	0.014	0.015	10:21:28 AM	10/13/2011 10:21	0.015
9180	0.013	0.014	0.014	0.015	10:22:28 AM	10/13/2011 10:22	0.015
9240	0.014	0.014	0.014	0.015	10:23:28 AM	10/13/2011 10:23	0.015
9300	0.014	0.014	0.015	0.015	10:24:28 AM	10/13/2011 10:24	0.015
9360	0.016	0.017	0.017	0.018	10:25:28 AM	10/13/2011 10:25	0.018
9420	0.015	0.015	0.016	0.016	10:26:28 AM	10/13/2011 10:26	0.016
9480	0.013	0.013	0.014	0.014	10:27:28 AM	10/13/2011 10:27	0.014
9540	0.013	0.014	0.014	0.015	10:28:28 AM	10/13/2011 10:28	0.015
9600	0.013	0.014	0.014	0.015	10:29:28 AM	10/13/2011 10:29	0.015
9660	0.014	0.015	0.015	0.016	10:30:28 AM	10/13/2011 10:30	0.016
9720	0.012	0.013	0.013	0.014	10:31:28 AM	10/13/2011 10:31	0.014
9780	0.013	0.013	0.014	0.015	10:32:28 AM	10/13/2011 10:32	0.015
9840	0.012	0.013	0.013	0.014	10:33:28 AM	10/13/2011 10:33	0.014
9900	0.012	0.013	0.013	0.014	10:34:28 AM	10/13/2011 10:34	0.014
9960	0.013	0.013	0.014	0.014	10:35:28 AM	10/13/2011 10:35	0.014
10020	0.013	0.013	0.013	0.014	10:36:28 AM	10/13/2011 10:36	0.014
10080	0.012	0.013	0.013	0.013	10:37:28 AM	10/13/2011 10:37	0.013
10140	0.013	0.013	0.014	0.014	10:38:28 AM	10/13/2011 10:38	0.014
10200	0.014	0.014	0.014	0.015	10:39:28 AM	10/13/2011 10:39	0.015

10260	0.015	0.015	0.016	0.016	10:40:28 AM	10/13/2011 10:40	0.016
10320	0.014	0.015	0.015	0.015	10:41:28 AM	10/13/2011 10:41	0.015
10380	0.014	0.014	0.015	0.015	10:42:28 AM	10/13/2011 10:42	0.016
10440	0.015	0.015	0.015	0.016	10:43:28 AM	10/13/2011 10:43	0.016
10500	0.015	0.015	0.016	0.016	10:44:28 AM	10/13/2011 10:44	0.016
10560	0.02	0.02	0.022	0.023	10:45:28 AM	10/13/2011 10:45	0.024
10620	0.017	0.017	0.018	0.019	10:46:28 AM	10/13/2011 10:46	0.02
10680	0.015	0.015	0.016	0.017	10:47:28 AM	10/13/2011 10:47	0.017
10740	0.016	0.017	0.018	0.019	10:48:28 AM	10/13/2011 10:48	0.02
10800	0.015	0.016	0.017	0.018	10:49:28 AM	10/13/2011 10:49	0.018
10860	0.018	0.019	0.02	0.022	10:50:28 AM	10/13/2011 10:50	0.022
10920	0.022	0.023	0.024	0.027	10:51:28 AM	10/13/2011 10:51	0.027
10980	0.02	0.021	0.021	0.022	10:52:28 AM	10/13/2011 10:52	0.022
11040	0.019	0.019	0.019	0.02	10:53:28 AM	10/13/2011 10:53	0.02
11100	0.017	0.018	0.018	0.019	10:54:28 AM	10/13/2011 10:54	0.02
11160	0.015	0.015	0.016	0.016	10:55:28 AM	10/13/2011 10:55	0.016
11220	0.016	0.016	0.017	0.018	10:56:28 AM	10/13/2011 10:56	0.018
11280	0.015	0.015	0.016	0.017	10:57:28 AM	10/13/2011 10:57	0.017
11340	0.015	0.016	0.016	0.017	10:58:28 AM	10/13/2011 10:58	0.017
11400	0.016	0.016	0.017	0.018	10:59:28 AM	10/13/2011 10:59	0.018
11460	0.016	0.016	0.017	0.019	11:00:28 AM	10/13/2011 11:00	0.019
11520	0.015	0.016	0.016	0.018	11:01:28 AM	10/13/2011 11:01	0.018
11580	0.016	0.016	0.016	0.017	11:02:28 AM	10/13/2011 11:02	0.017
11640	0.016	0.016	0.017	0.018	11:03:28 AM	10/13/2011 11:03	0.018
11700	0.017	0.017	0.018	0.019	11:04:28 AM	10/13/2011 11:04	0.019
11760	0.017	0.017	0.018	0.019	11:05:28 AM	10/13/2011 11:05	0.019
11820	0.018	0.018	0.019	0.02	11:06:28 AM	10/13/2011 11:06	0.02
11880	0.018	0.018	0.019	0.02	11:07:28 AM	10/13/2011 11:07	0.02
11940	0.018	0.018	0.019	0.02	11:08:28 AM	10/13/2011 11:08	0.02
12000	0.017	0.017	0.018	0.019	11:09:28 AM	10/13/2011 11:09	0.019
12060	0.023	0.024	0.024	0.025	11:10:28 AM	10/13/2011 11:10	0.025
12120	0.019	0.019	0.02	0.02	11:11:28 AM	10/13/2011 11:11	0.02
12180	0.028	0.028	0.029	0.03	11:12:28 AM	10/13/2011 11:12	0.03
12240	0.02	0.02	0.021	0.022	11:13:28 AM	10/13/2011 11:13	0.022
12300	0.017	0.018	0.018	0.019	11:14:28 AM	10/13/2011 11:14	0.02
12360	0.017	0.017	0.018	0.019	11:15:28 AM	10/13/2011 11:15	0.019
12420	0.016	0.016	0.017	0.018	11:16:28 AM	10/13/2011 11:16	0.018
12480	0.016	0.016	0.016	0.017	11:17:28 AM	10/13/2011 11:17	0.017
12540	0.016	0.016	0.017	0.017	11:18:28 AM	10/13/2011 11:18	0.018
12600	0.016	0.016	0.017	0.017	11:19:28 AM	10/13/2011 11:19	0.018
12660	0.016	0.016	0.017	0.018	11:20:28 AM	10/13/2011 11:20	0.018
12720	0.016	0.017	0.017	0.018	11:21:28 AM	10/13/2011 11:21	0.018
12780	0.015	0.016	0.016	0.017	11:22:28 AM	10/13/2011 11:22	0.017
12840	0.016	0.016	0.016	0.017	11:23:28 AM	10/13/2011 11:23	0.017
12900	0.015	0.016	0.016	0.017	11:24:28 AM	10/13/2011 11:24	0.017
12960	0.015	0.015	0.016	0.016	11:25:28 AM	10/13/2011 11:25	0.016
13020	0.015	0.016	0.016	0.017	11:26:28 AM	10/13/2011 11:26	0.017
13080	0.016	0.017	0.017	0.018	11:27:28 AM	10/13/2011 11:27	0.018
13140	0.016	0.017	0.017	0.018	11:28:28 AM	10/13/2011 11:28	0.018
13200	0.017	0.017	0.017	0.018	11:29:28 AM	10/13/2011 11:29	0.018
13260	0.017	0.017	0.018	0.019	11:30:28 AM	10/13/2011 11:30	0.019
13320	0.016	0.016	0.017	0.018	11:31:28 AM	10/13/2011 11:31	0.018
13380	0.015	0.016	0.016	0.017	11:32:28 AM	10/13/2011 11:32	0.017
13440	0.015	0.015	0.015	0.016	11:33:28 AM	10/13/2011 11:33	0.016
13500	0.015	0.015	0.015	0.016	11:34:28 AM	10/13/2011 11:34	0.016
13560	0.014	0.014	0.014	0.015	11:35:28 AM	10/13/2011 11:35	0.015
13620	0.013	0.013	0.014	0.014	11:36:28 AM	10/13/2011 11:36	0.014
13680	0.013	0.013	0.014	0.014	11:37:28 AM	10/13/2011 11:37	0.014
13740	0.012	0.012	0.012	0.013	11:38:28 AM	10/13/2011 11:38	0.013
13800	0.013	0.013	0.014	0.014	11:39:28 AM	10/13/2011 11:39	0.014
13860	0.019	0.02	0.02	0.021	11:40:28 AM	10/13/2011 11:40	0.022
13920	0.019	0.019	0.02	0.021	11:41:28 AM	10/13/2011 11:41	0.021
13980	0.015	0.016	0.016	0.018	11:42:28 AM	10/13/2011 11:42	0.018
14040	0.014	0.015	0.015	0.016	11:43:28 AM	10/13/2011 11:43	0.016
14100	0.014	0.015	0.015	0.016	11:44:28 AM	10/13/2011 11:44	0.016
14160	0.013	0.014	0.014	0.014	11:45:28 AM	10/13/2011 11:45	0.014
14220	0.013	0.014	0.014	0.015	11:46:28 AM	10/13/2011 11:46	0.015
14280	0.014	0.015	0.015	0.016	11:47:28 AM	10/13/2011 11:47	0.017
14340	0.015	0.015	0.016	0.017	11:48:28 AM	10/13/2011 11:48	0.017

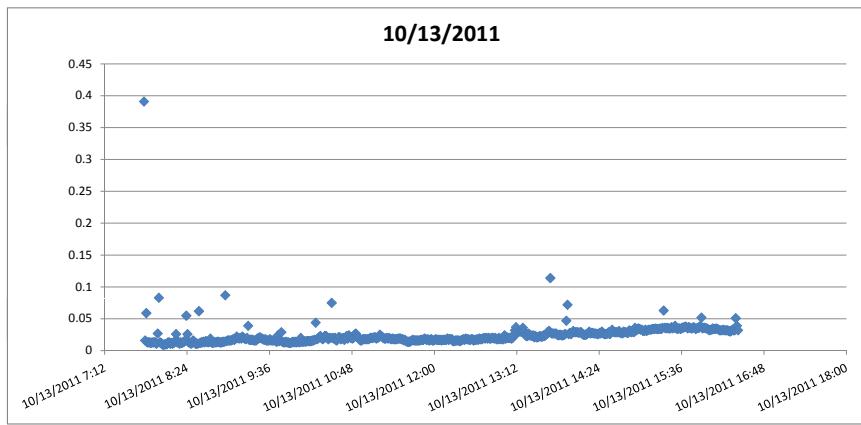
14400	0.014	0.015	0.015	0.016	11:49:28 AM	10/13/2011 11:49	0.016
14460	0.014	0.014	0.015	0.015	11:50:28 AM	10/13/2011 11:50	0.015
14520	0.015	0.015	0.016	0.016	11:51:28 AM	10/13/2011 11:51	0.017
14580	0.015	0.016	0.016	0.017	11:52:28 AM	10/13/2011 11:52	0.017
14640	0.015	0.015	0.015	0.016	11:53:28 AM	10/13/2011 11:53	0.016
14700	0.014	0.015	0.015	0.015	11:54:28 AM	10/13/2011 11:54	0.015
14760	0.014	0.014	0.015	0.015	11:55:28 AM	10/13/2011 11:55	0.015
14820	0.014	0.014	0.015	0.015	11:56:28 AM	10/13/2011 11:56	0.015
14880	0.014	0.014	0.015	0.015	11:57:28 AM	10/13/2011 11:57	0.015
14940	0.014	0.014	0.014	0.015	11:58:28 AM	10/13/2011 11:58	0.015
15000	0.013	0.013	0.014	0.014	11:59:28 AM	10/13/2011 11:59	0.014
15060	0.013	0.014	0.014	0.015	12:00:28 PM	10/13/2011 12:00	0.015
15120	0.015	0.015	0.016	0.016	12:01:28 PM	10/13/2011 12:01	0.016
15180	0.014	0.014	0.015	0.016	12:02:28 PM	10/13/2011 12:02	0.016
15240	0.014	0.014	0.015	0.016	12:03:28 PM	10/13/2011 12:03	0.016
15300	0.014	0.014	0.015	0.015	12:04:28 PM	10/13/2011 12:04	0.016
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15420	0.014	0.014	0.015	0.015	12:06:28 PM	10/13/2011 12:06	0.015
15480	0.013	0.014	0.014	0.015	12:07:28 PM	10/13/2011 12:07	0.015
15540	0.014	0.014	0.015	0.015	12:08:28 PM	10/13/2011 12:08	0.016
15600	0.014	0.014	0.015	0.015	12:09:28 PM	10/13/2011 12:09	0.015
15660	0.014	0.014	0.014	0.015	12:10:28 PM	10/13/2011 12:10	0.015
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15780	0.014	0.015	0.015	0.016	12:12:28 PM	10/13/2011 12:12	0.016
15840	0.013	0.013	0.014	0.014	12:13:28 PM	10/13/2011 12:13	0.014
15900	0.013	0.013	0.014	0.014	12:14:28 PM	10/13/2011 12:14	0.015
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16080	0.012	0.012	0.013	0.014	12:17:28 PM	10/13/2011 12:17	0.014
16140	0.013	0.013	0.014	0.015	12:18:28 PM	10/13/2011 12:18	0.015
16200	0.012	0.013	0.013	0.014	12:19:28 PM	10/13/2011 12:19	0.014
16260	0.013	0.014	0.014	0.015	12:20:28 PM	10/13/2011 12:20	0.015
16320	0.014	0.014	0.014	0.015	12:21:28 PM	10/13/2011 12:21	0.015
16380	0.013	0.013	0.014	0.014	12:22:28 PM	10/13/2011 12:22	0.014
16440	0.013	0.013	0.014	0.015	12:23:28 PM	10/13/2011 12:23	0.015
16500	0.015	0.015	0.016	0.017	12:24:28 PM	10/13/2011 12:24	0.017
16560	0.014	0.015	0.015	0.016	12:25:28 PM	10/13/2011 12:25	0.016
16620	0.016	0.016	0.017	0.019	12:26:28 PM	10/13/2011 12:26	0.019
16680	0.017	0.017	0.018	0.019	12:27:28 PM	10/13/2011 12:27	0.019
16740	0.016	0.017	0.017	0.019	12:28:28 PM	10/13/2011 12:28	0.019
16800	0.016	0.017	0.017	0.019	12:29:28 PM	10/13/2011 12:29	0.02
16860	0.015	0.016	0.017	0.018	12:30:28 PM	10/13/2011 12:30	0.018
16920	0.014	0.015	0.015	0.016	12:31:28 PM	10/13/2011 12:31	0.016
16980	0.015	0.015	0.016	0.017	12:32:28 PM	10/13/2011 12:32	0.017
17040	0.015	0.016	0.016	0.017	12:33:28 PM	10/13/2011 12:33	0.017
17100	0.015	0.015	0.016	0.017	12:34:28 PM	10/13/2011 12:34	0.017
17160	0.014	0.015	0.015	0.016	12:35:28 PM	10/13/2011 12:35	0.016
17220	0.015	0.016	0.017	0.017	12:36:28 PM	10/13/2011 12:36	0.018
17280	0.016	0.016	0.017	0.018	12:37:28 PM	10/13/2011 12:37	0.018
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17400	0.017	0.017	0.018	0.019	12:39:28 PM	10/13/2011 12:39	0.019
17460	0.017	0.017	0.018	0.019	12:40:28 PM	10/13/2011 12:40	0.019
17520	0.015	0.016	0.016	0.017	12:41:28 PM	10/13/2011 12:41	0.017
17580	0.016	0.017	0.017	0.018	12:42:28 PM	10/13/2011 12:42	0.018
17640	0.017	0.018	0.018	0.019	12:43:28 PM	10/13/2011 12:43	0.019
17700	0.017	0.017	0.018	0.02	12:44:28 PM	10/13/2011 12:44	0.02
17760	0.017	0.017	0.017	0.018	12:45:28 PM	10/13/2011 12:45	0.018
17820	0.016	0.016	0.017	0.018	12:46:28 PM	10/13/2011 12:46	0.018
17880	0.017	0.017	0.017	0.018	12:47:28 PM	10/13/2011 12:47	0.018
17940	0.017	0.018	0.018	0.019	12:48:28 PM	10/13/2011 12:48	0.02
18000	0.017	0.017	0.018	0.018	12:49:28 PM	10/13/2011 12:49	0.018
18060	0.017	0.017	0.017	0.018	12:50:28 PM	10/13/2011 12:50	0.018
18120	0.016	0.017	0.017	0.017	12:51:28 PM	10/13/2011 12:51	0.018
18180	0.018	0.019	0.02	0.024	12:52:28 PM	10/13/2011 12:52	0.024
18240	0.018	0.019	0.021	0.026	12:53:28 PM	10/13/2011 12:53	0.026
18300	0.016	0.016	0.017	0.017	12:54:28 PM	10/13/2011 12:54	0.018
18360	0.015	0.015	0.016	0.017	12:55:28 PM	10/13/2011 12:55	0.017
18420	0.015	0.016	0.016	0.017	12:56:28 PM	10/13/2011 12:56	0.017
18480	0.016	0.016	0.017	0.017	12:57:28 PM	10/13/2011 12:57	0.017

18540	0.015	0.016	0.016	0.018	12:58:28 PM	10/13/2011 12:58	0.018
18600	0.021	0.021	0.021	0.022	12:59:28 PM	10/13/2011 12:59	0.022
18660	0.014	0.014	0.015	0.015	1:00:28 PM	10/13/2011 13:00	0.015
18720	0.016	0.016	0.017	0.019	1:01:28 PM	10/13/2011 13:01	0.019
18780	0.017	0.017	0.018	0.02	1:02:28 PM	10/13/2011 13:02	0.02
18840	0.017	0.018	0.019	0.02	1:03:28 PM	10/13/2011 13:03	0.02
18900	0.017	0.018	0.019	0.021	1:04:28 PM	10/13/2011 13:04	0.021
18960	0.017	0.018	0.019	0.02	1:05:28 PM	10/13/2011 13:05	0.02
19020	0.017	0.018	0.019	0.02	1:06:28 PM	10/13/2011 13:06	0.021
19080	0.017	0.017	0.018	0.019	1:07:28 PM	10/13/2011 13:07	0.019
19140	0.017	0.017	0.018	0.019	1:08:28 PM	10/13/2011 13:08	0.019
19200	0.017	0.018	0.018	0.021	1:09:28 PM	10/13/2011 13:09	0.021
19260	0.02	0.021	0.022	0.025	1:10:28 PM	10/13/2011 13:10	0.025
19320	0.033	0.035	0.038	0.043	1:11:28 PM	10/13/2011 13:11	0.044
19380	0.026	0.027	0.029	0.032	1:12:28 PM	10/13/2011 13:12	0.032
19440	0.019	0.02	0.02	0.022	1:13:28 PM	10/13/2011 13:13	0.022
19500	0.022	0.023	0.024	0.026	1:14:28 PM	10/13/2011 13:14	0.026
19560	0.021	0.022	0.023	0.025	1:15:28 PM	10/13/2011 13:15	0.025
19620	0.021	0.022	0.023	0.025	1:16:28 PM	10/13/2011 13:16	0.025
19680	0.023	0.024	0.026	0.028	1:17:28 PM	10/13/2011 13:17	0.029
19740	0.02	0.02	0.021	0.022	1:18:28 PM	10/13/2011 13:18	0.022
19800	0.018	0.019	0.02	0.021	1:19:28 PM	10/13/2011 13:19	0.021
19860	0.017	0.017	0.018	0.019	1:20:28 PM	10/13/2011 13:20	0.019
19920	0.022	0.022	0.023	0.026	1:21:28 PM	10/13/2011 13:21	0.026
19980	0.024	0.025	0.026	0.028	1:22:28 PM	10/13/2011 13:22	0.029
20040	0.018	0.019	0.019	0.022	1:23:28 PM	10/13/2011 13:23	0.022
20100	0.019	0.02	0.021	0.023	1:24:28 PM	10/13/2011 13:24	0.024
20160	0.018	0.019	0.02	0.022	1:25:28 PM	10/13/2011 13:25	0.023
20220	0.019	0.019	0.02	0.021	1:26:28 PM	10/13/2011 13:26	0.021
20280	0.018	0.019	0.019	0.02	1:27:28 PM	10/13/2011 13:27	0.021
20340	0.018	0.018	0.019	0.02	1:28:28 PM	10/13/2011 13:28	0.02
20400	0.019	0.019	0.02	0.021	1:29:28 PM	10/13/2011 13:29	0.021
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20520	0.019	0.019	0.02	0.021	1:31:28 PM	10/13/2011 13:31	0.021
20580	0.019	0.02	0.021	0.022	1:32:28 PM	10/13/2011 13:32	0.022
20640	0.018	0.019	0.019	0.021	1:33:28 PM	10/13/2011 13:33	0.021
20700	0.019	0.019	0.02	0.021	1:34:28 PM	10/13/2011 13:34	0.022
20760	0.02	0.021	0.021	0.023	1:35:28 PM	10/13/2011 13:35	0.023
20820	0.021	0.021	0.022	0.023	1:36:28 PM	10/13/2011 13:36	0.024
20880	0.02	0.021	0.021	0.023	1:37:28 PM	10/13/2011 13:37	0.023
20940	0.021	0.021	0.022	0.024	1:38:28 PM	10/13/2011 13:38	0.024
21000	0.025	0.026	0.027	0.03	1:39:28 PM	10/13/2011 13:39	0.031
21060	0.025	0.026	0.028	0.031	1:40:28 PM	10/13/2011 13:40	0.031
21120	0.033	0.033	0.034	0.036	1:41:28 PM	10/13/2011 13:41	0.036
21180	0.024	0.024	0.025	0.027	1:42:28 PM	10/13/2011 13:42	0.027
21240	0.022	0.023	0.023	0.025	1:43:28 PM	10/13/2011 13:43	0.025
21300	0.023	0.023	0.024	0.025	1:44:28 PM	10/13/2011 13:44	0.026
21360	0.023	0.023	0.024	0.027	1:45:28 PM	10/13/2011 13:45	0.027
21420	0.023	0.023	0.024	0.027	1:46:28 PM	10/13/2011 13:46	0.027
21480	0.021	0.022	0.023	0.024	1:47:28 PM	10/13/2011 13:47	0.024
21540	0.022	0.022	0.023	0.024	1:48:28 PM	10/13/2011 13:48	0.024
21600	0.021	0.021	0.022	0.023	1:49:28 PM	10/13/2011 13:49	0.023
21660	0.022	0.022	0.023	0.024	1:50:28 PM	10/13/2011 13:50	0.025
21720	0.021	0.022	0.023	0.024	1:51:28 PM	10/13/2011 13:51	0.024
21780	0.021	0.021	0.022	0.023	1:52:28 PM	10/13/2011 13:52	0.023
21840	0.02	0.021	0.021	0.022	1:53:28 PM	10/13/2011 13:53	0.022
21900	0.022	0.022	0.023	0.025	1:54:28 PM	10/13/2011 13:54	0.027
21960	0.025	0.025	0.026	0.03	1:55:28 PM	10/13/2011 13:55	0.032
22020	0.023	0.024	0.024	0.025	1:56:28 PM	10/13/2011 13:56	0.026
22080	0.023	0.024	0.024	0.026	1:57:28 PM	10/13/2011 13:57	0.026
22140	0.024	0.024	0.025	0.027	1:58:28 PM	10/13/2011 13:58	0.027
22200	0.023	0.024	0.025	0.026	1:59:28 PM	10/13/2011 13:59	0.026
22260	0.025	0.025	0.026	0.027	2:00:28 PM	10/13/2011 14:00	0.027
22320	0.026	0.026	0.027	0.03	2:01:28 PM	10/13/2011 14:01	0.03
22380	0.026	0.026	0.027	0.028	2:02:28 PM	10/13/2011 14:02	0.028
22440	0.026	0.027	0.028	0.029	2:03:28 PM	10/13/2011 14:03	0.03
22500	0.026	0.026	0.027	0.029	2:04:28 PM	10/13/2011 14:04	0.029
22560	0.025	0.025	0.026	0.028	2:05:28 PM	10/13/2011 14:05	0.028
22620	0.025	0.026	0.027	0.029	2:06:28 PM	10/13/2011 14:06	0.031

22680	0.026	0.027	0.028	0.03	2:07:28 PM	10/13/2011 14:07	0.03
22740	0.026	0.026	0.028	0.031	2:08:28 PM	10/13/2011 14:08	0.031
22800	0.022	0.023	0.024	0.025	2:09:28 PM	10/13/2011 14:09	0.026
22860	0.022	0.022	0.023	0.024	2:10:28 PM	10/13/2011 14:10	0.024
22920	0.022	0.023	0.024	0.026	2:11:28 PM	10/13/2011 14:11	0.026
22980	0.022	0.023	0.023	0.025	2:12:28 PM	10/13/2011 14:12	0.025
23040	0.023	0.024	0.025	0.026	2:13:28 PM	10/13/2011 14:13	0.027
23100	0.024	0.024	0.025	0.027	2:14:28 PM	10/13/2011 14:14	0.027
23160	0.024	0.025	0.026	0.027	2:15:28 PM	10/13/2011 14:15	0.027
23220	0.027	0.028	0.029	0.031	2:16:28 PM	10/13/2011 14:16	0.032
23280	0.026	0.027	0.028	0.029	2:17:28 PM	10/13/2011 14:17	0.029
23340	0.025	0.025	0.026	0.028	2:18:28 PM	10/13/2011 14:18	0.028
23400	0.024	0.024	0.025	0.026	2:19:28 PM	10/13/2011 14:19	0.027
23460	0.024	0.025	0.026	0.028	2:20:28 PM	10/13/2011 14:20	0.028
23520	0.024	0.025	0.026	0.027	2:21:28 PM	10/13/2011 14:21	0.027
23580	0.024	0.024	0.025	0.026	2:22:28 PM	10/13/2011 14:22	0.027
23640	0.023	0.023	0.024	0.025	2:23:28 PM	10/13/2011 14:23	0.025
23700	0.024	0.024	0.025	0.026	2:24:28 PM	10/13/2011 14:24	0.026
23760	0.025	0.025	0.026	0.028	2:25:28 PM	10/13/2011 14:25	0.028
23820	0.025	0.025	0.026	0.028	2:26:28 PM	10/13/2011 14:26	0.029
23880	0.024	0.024	0.025	0.027	2:27:28 PM	10/13/2011 14:27	0.027
23940	0.023	0.024	0.024	0.025	2:28:28 PM	10/13/2011 14:28	0.025
24000	0.023	0.023	0.024	0.025	2:29:28 PM	10/13/2011 14:29	0.025
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24120	0.024	0.025	0.025	0.026	2:31:28 PM	10/13/2011 14:31	0.027
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24240	0.024	0.024	0.025	0.026	2:33:28 PM	10/13/2011 14:33	0.026
24300	0.024	0.024	0.025	0.026	2:34:28 PM	10/13/2011 14:34	0.026
24360	0.03	0.031	0.032	0.036	2:35:28 PM	10/13/2011 14:35	0.036
24420	0.027	0.028	0.029	0.031	2:36:28 PM	10/13/2011 14:36	0.031
24480	0.025	0.026	0.026	0.028	2:37:28 PM	10/13/2011 14:37	0.028
24540	0.026	0.027	0.027	0.029	2:38:28 PM	10/13/2011 14:38	0.029
24600	0.026	0.027	0.027	0.029	2:39:28 PM	10/13/2011 14:39	0.029
24660	0.025	0.025	0.026	0.028	2:40:28 PM	10/13/2011 14:40	0.028
24720	0.026	0.026	0.027	0.029	2:41:28 PM	10/13/2011 14:41	0.029
24780	0.025	0.025	0.026	0.027	2:42:28 PM	10/13/2011 14:42	0.027
24840	0.024	0.025	0.025	0.027	2:43:28 PM	10/13/2011 14:43	0.027
24900	0.024	0.024	0.025	0.026	2:44:28 PM	10/13/2011 14:44	0.027
24960	0.025	0.026	0.027	0.029	2:45:28 PM	10/13/2011 14:45	0.029
25020	0.025	0.026	0.027	0.028	2:46:28 PM	10/13/2011 14:46	0.028
25080	0.025	0.026	0.027	0.029	2:47:28 PM	10/13/2011 14:47	0.029
25140	0.025	0.025	0.026	0.028	2:48:28 PM	10/13/2011 14:48	0.028
25200	0.025	0.026	0.027	0.029	2:49:28 PM	10/13/2011 14:49	0.029
25260	0.025	0.025	0.026	0.028	2:50:28 PM	10/13/2011 14:50	0.028
25320	0.024	0.025	0.026	0.027	2:51:28 PM	10/13/2011 14:51	0.027
25380	0.025	0.026	0.027	0.03	2:52:28 PM	10/13/2011 14:52	0.03
25440	0.026	0.027	0.028	0.03	2:53:28 PM	10/13/2011 14:53	0.031
25500	0.026	0.026	0.027	0.03	2:54:28 PM	10/13/2011 14:54	0.03
25560	0.025	0.026	0.027	0.03	2:55:28 PM	10/13/2011 14:55	0.031
25620	0.028	0.029	0.03	0.035	2:56:28 PM	10/13/2011 14:56	0.036
25680	0.027	0.028	0.03	0.035	2:57:28 PM	10/13/2011 14:57	0.037
25740	0.028	0.029	0.03	0.034	2:58:28 PM	10/13/2011 14:58	0.035
25800	0.029	0.03	0.031	0.036	2:59:28 PM	10/13/2011 14:59	0.037
25860	0.028	0.029	0.03	0.032	3:00:28 PM	10/13/2011 15:00	0.033
25920	0.029	0.03	0.031	0.033	3:01:28 PM	10/13/2011 15:01	0.033
25980	0.028	0.029	0.03	0.031	3:02:28 PM	10/13/2011 15:02	0.031
26040	0.028	0.028	0.029	0.031	3:03:28 PM	10/13/2011 15:03	0.031
26100	0.028	0.029	0.03	0.032	3:04:28 PM	10/13/2011 15:04	0.032
26160	0.029	0.029	0.03	0.032	3:05:28 PM	10/13/2011 15:05	0.033
26220	0.029	0.029	0.03	0.032	3:06:28 PM	10/13/2011 15:06	0.032
26280	0.029	0.03	0.031	0.033	3:07:28 PM	10/13/2011 15:07	0.033
26340	0.029	0.03	0.031	0.033	3:08:28 PM	10/13/2011 15:08	0.033
26400	0.029	0.03	0.031	0.032	3:09:28 PM	10/13/2011 15:09	0.032
26460	0.029	0.03	0.03	0.032	3:10:28 PM	10/13/2011 15:10	0.032
26520	0.03	0.031	0.031	0.032	3:11:28 PM	10/13/2011 15:11	0.033
26580	0.031	0.031	0.032	0.034	3:12:28 PM	10/13/2011 15:12	0.035
26640	0.031	0.031	0.032	0.034	3:13:28 PM	10/13/2011 15:13	0.035
26700	0.029	0.03	0.031	0.033	3:14:28 PM	10/13/2011 15:14	0.033
26760	0.03	0.031	0.032	0.034	3:15:28 PM	10/13/2011 15:15	0.034

26820	0.031	0.031	0.032	0.034	3:16:28 PM	10/13/2011 15:16	0.035
26880	0.03	0.031	0.032	0.033	3:17:28 PM	10/13/2011 15:17	0.033
26940	0.03	0.031	0.032	0.033	3:18:28 PM	10/13/2011 15:18	0.033
27000	0.032	0.032	0.034	0.035	3:19:28 PM	10/13/2011 15:19	0.035
27060	0.033	0.034	0.035	0.037	3:20:28 PM	10/13/2011 15:20	0.037
27120	0.033	0.034	0.035	0.036	3:21:28 PM	10/13/2011 15:21	0.036
27180	0.031	0.032	0.033	0.035	3:22:28 PM	10/13/2011 15:22	0.035
27240	0.031	0.032	0.033	0.034	3:23:28 PM	10/13/2011 15:23	0.035
27300	0.031	0.032	0.033	0.035	3:24:28 PM	10/13/2011 15:24	0.036
27360	0.03	0.031	0.032	0.033	3:25:28 PM	10/13/2011 15:25	0.034
27420	0.031	0.032	0.033	0.034	3:26:28 PM	10/13/2011 15:26	0.035
27480	0.032	0.033	0.033	0.035	3:27:28 PM	10/13/2011 15:27	0.036
27540	0.032	0.033	0.034	0.035	3:28:28 PM	10/13/2011 15:28	0.035
27600	0.031	0.031	0.032	0.034	3:29:28 PM	10/13/2011 15:29	0.034
27660	0.031	0.032	0.033	0.035	3:30:28 PM	10/13/2011 15:30	0.035
27720	0.031	0.031	0.033	0.034	3:31:28 PM	10/13/2011 15:31	0.034
27780	0.031	0.032	0.033	0.034	3:32:28 PM	10/13/2011 15:32	0.034
27840	0.031	0.031	0.033	0.034	3:33:28 PM	10/13/2011 15:33	0.034
27900	0.03	0.031	0.032	0.033	3:34:28 PM	10/13/2011 15:34	0.033
27960	0.03	0.031	0.031	0.033	3:35:28 PM	10/13/2011 15:35	0.033
28020	0.031	0.031	0.032	0.033	3:36:28 PM	10/13/2011 15:36	0.034
28080	0.031	0.032	0.033	0.035	3:37:28 PM	10/13/2011 15:37	0.035
28140	0.032	0.033	0.034	0.036	3:38:28 PM	10/13/2011 15:38	0.036
28200	0.033	0.034	0.035	0.037	3:39:28 PM	10/13/2011 15:39	0.037
28260	0.038	0.039	0.04	0.042	3:40:28 PM	10/13/2011 15:40	0.042
28320	0.032	0.032	0.034	0.035	3:41:28 PM	10/13/2011 15:41	0.035
28380	0.038	0.039	0.04	0.041	3:42:28 PM	10/13/2011 15:42	0.042
28440	0.037	0.038	0.039	0.04	3:43:28 PM	10/13/2011 15:43	0.04
28500	0.034	0.034	0.035	0.036	3:44:28 PM	10/13/2011 15:44	0.036
28560	0.037	0.037	0.038	0.039	3:45:28 PM	10/13/2011 15:45	0.039
28620	0.036	0.036	0.037	0.038	3:46:28 PM	10/13/2011 15:46	0.038
28680	0.034	0.034	0.035	0.037	3:47:28 PM	10/13/2011 15:47	0.037
28740	0.033	0.033	0.034	0.035	3:48:28 PM	10/13/2011 15:48	0.035
28800	0.032	0.033	0.033	0.035	3:49:28 PM	10/13/2011 15:49	0.035
28860	0.033	0.033	0.034	0.035	3:50:28 PM	10/13/2011 15:50	0.036
28920	0.033	0.033	0.034	0.035	3:51:28 PM	10/13/2011 15:51	0.035
28980	0.033	0.033	0.034	0.035	3:52:28 PM	10/13/2011 15:52	0.035
29040	0.032	0.033	0.033	0.034	3:53:28 PM	10/13/2011 15:53	0.034
29100	0.032	0.032	0.033	0.034	3:54:28 PM	10/13/2011 15:54	0.034
29160	0.032	0.033	0.033	0.034	3:55:28 PM	10/13/2011 15:55	0.034
29220	0.033	0.034	0.034	0.036	3:56:28 PM	10/13/2011 15:56	0.036
29280	0.033	0.033	0.034	0.035	3:57:28 PM	10/13/2011 15:57	0.035
29340	0.031	0.031	0.032	0.033	3:58:28 PM	10/13/2011 15:58	0.033
29400	0.031	0.031	0.032	0.032	3:59:28 PM	10/13/2011 15:59	0.032
29460	0.031	0.031	0.031	0.032	4:00:28 PM	10/13/2011 16:00	0.032
29520	0.031	0.032	0.032	0.033	4:01:28 PM	10/13/2011 16:01	0.033
29580	0.032	0.032	0.033	0.033	4:02:28 PM	10/13/2011 16:02	0.033
29640	0.032	0.033	0.033	0.034	4:03:28 PM	10/13/2011 16:03	0.034
29700	0.032	0.033	0.033	0.034	4:04:28 PM	10/13/2011 16:04	0.034
29760	0.034	0.034	0.035	0.036	4:05:28 PM	10/13/2011 16:05	0.036
29820	0.034	0.035	0.035	0.036	4:06:28 PM	10/13/2011 16:06	0.036
29880	0.032	0.033	0.033	0.034	4:07:28 PM	10/13/2011 16:07	0.035
29940	0.032	0.032	0.033	0.033	4:08:28 PM	10/13/2011 16:08	0.033
30000	0.031	0.031	0.032	0.032	4:09:28 PM	10/13/2011 16:09	0.032
30060	0.031	0.031	0.032	0.033	4:10:28 PM	10/13/2011 16:10	0.033
30120	0.031	0.031	0.032	0.032	4:11:28 PM	10/13/2011 16:11	0.033
30180	0.031	0.031	0.032	0.033	4:12:28 PM	10/13/2011 16:12	0.033
30240	0.03	0.031	0.031	0.032	4:13:28 PM	10/13/2011 16:13	0.032
30300	0.03	0.03	0.031	0.031	4:14:28 PM	10/13/2011 16:14	0.031
30360	0.03	0.031	0.031	0.032	4:15:28 PM	10/13/2011 16:15	0.032
30420	0.03	0.03	0.031	0.031	4:16:28 PM	10/13/2011 16:16	0.032
30480	0.03	0.03	0.031	0.031	4:17:28 PM	10/13/2011 16:17	0.031
30540	0.03	0.03	0.03	0.031	4:18:28 PM	10/13/2011 16:18	0.031
30600	0.031	0.031	0.031	0.032	4:19:28 PM	10/13/2011 16:19	0.032
30660	0.031	0.031	0.032	0.033	4:20:28 PM	10/13/2011 16:20	0.033
30720	0.03	0.03	0.031	0.032	4:21:28 PM	10/13/2011 16:21	0.032
30780	0.03	0.031	0.031	0.032	4:22:28 PM	10/13/2011 16:22	0.032
30840	0.031	0.031	0.032	0.033	4:23:28 PM	10/13/2011 16:23	0.033
30900	0.031	0.031	0.032	0.033	4:24:28 PM	10/13/2011 16:24	0.033

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533112903
Firmware Version	2.8
Calibration Date	7/18/2011
Test Name	MANUAL_008
Test Start Time	7:45:16
Test Start Date	10/13/2011
Test Length [D:H:M]	0:08:40
Test Interval [M:S]	1:00
PM1 Average [mg/m ³]	0.021
PM1 Minimum [mg/m ³]	0.008
PM1 Maximum [mg/m ³]	0.193
PM1 TWA [mg/m ³]	0.02
PM2.5 Average [mg/m ³]	0.022
PM2.5 Minimum [mg/m ³]	0.009
PM2.5 Maximum [mg/m ³]	0.194
PM2.5 TWA [mg/m ³]	0.021
PM4 Average [mg/m ³]	0.022
PM4 Minimum [mg/m ³]	0.009
PM4 Maximum [mg/m ³]	0.198
PM4 TWA [mg/m ³]	0.021
PM10 Average [mg/m ³]	0.023
PM10 Minimum [mg/m ³]	0.009
PM10 Maximum [mg/m ³]	0.277
PM10 TWA [mg/m ³]	0.022
TOTAL Average [mg/m ³]	0.024
TOTAL Minimum [mg/m ³]	0.009
TOTAL Maximum [mg/m ³]	0.391
TOTAL TWA [mg/m ³]	0.023
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	1
Errors	
Number of Samples	520



1980	0.012	0.012	0.012	0.013	8:18:16	10/13/2011 8:18	0.013
2040	0.011	0.011	0.012	0.012	8:19:16	10/13/2011 8:19	0.012
2100	0.012	0.012	0.012	0.013	8:20:16	10/13/2011 8:20	0.013
2160	0.013	0.013	0.013	0.014	8:21:16	10/13/2011 8:21	0.014
2220	0.015	0.015	0.015	0.016	8:22:16	10/13/2011 8:22	0.016
2280	0.046	0.046	0.047	0.05	8:23:16	10/13/2011 8:23	0.055
2340	0.013	0.014	0.014	0.019	8:24:16	10/13/2011 8:24	0.026
2400	0.012	0.012	0.013	0.013	8:25:16	10/13/2011 8:25	0.013
2460	0.011	0.012	0.012	0.012	8:26:16	10/13/2011 8:26	0.013
2520	0.01	0.011	0.011	0.011	8:27:16	10/13/2011 8:27	0.011
2580	0.011	0.011	0.011	0.012	8:28:16	10/13/2011 8:28	0.012
2640	0.014	0.014	0.015	0.016	8:29:16	10/13/2011 8:29	0.016
2700	0.011	0.012	0.012	0.013	8:30:16	10/13/2011 8:30	0.013
2760	0.01	0.01	0.011	0.011	8:31:16	10/13/2011 8:31	0.011
2820	0.01	0.01	0.01	0.011	8:32:16	10/13/2011 8:32	0.011
2880	0.011	0.011	0.011	0.011	8:33:16	10/13/2011 8:33	0.011
2940	0.042	0.043	0.044	0.054	8:34:16	10/13/2011 8:34	0.062
3000	0.011	0.011	0.011	0.012	8:35:16	10/13/2011 8:35	0.012
3060	0.012	0.012	0.012	0.013	8:36:16	10/13/2011 8:36	0.013
3120	0.012	0.012	0.012	0.013	8:37:16	10/13/2011 8:37	0.013
3180	0.013	0.013	0.013	0.014	8:38:16	10/13/2011 8:38	0.014
3240	0.012	0.012	0.013	0.013	8:39:16	10/13/2011 8:39	0.013
3300	0.013	0.013	0.014	0.015	8:40:16	10/13/2011 8:40	0.015
3360	0.013	0.013	0.014	0.014	8:41:16	10/13/2011 8:41	0.014
3420	0.012	0.012	0.012	0.013	8:42:16	10/13/2011 8:42	0.013
3480	0.013	0.013	0.014	0.014	8:43:16	10/13/2011 8:43	0.014
3540	0.015	0.015	0.016	0.018	8:44:16	10/13/2011 8:44	0.019
3600	0.012	0.012	0.013	0.013	8:45:16	10/13/2011 8:45	0.013
3660	0.012	0.012	0.012	0.012	8:46:16	10/13/2011 8:46	0.012
3720	0.012	0.012	0.013	0.013	8:47:16	10/13/2011 8:47	0.013
3780	0.012	0.012	0.012	0.013	8:48:16	10/13/2011 8:48	0.013
3840	0.012	0.012	0.012	0.013	8:49:16	10/13/2011 8:49	0.013
3900	0.013	0.013	0.013	0.014	8:50:16	10/13/2011 8:50	0.014
3960	0.012	0.012	0.013	0.013	8:51:16	10/13/2011 8:51	0.014
4020	0.012	0.012	0.012	0.013	8:52:16	10/13/2011 8:52	0.013
4080	0.012	0.012	0.013	0.013	8:53:16	10/13/2011 8:53	0.013
4140	0.012	0.012	0.012	0.012	8:54:16	10/13/2011 8:54	0.013
4200	0.013	0.013	0.014	0.014	8:55:16	10/13/2011 8:55	0.014
4260	0.013	0.013	0.014	0.014	8:56:16	10/13/2011 8:56	0.014
4320	0.058	0.058	0.059	0.072	8:57:16	10/13/2011 8:57	0.087
4380	0.014	0.014	0.014	0.015	8:58:16	10/13/2011 8:58	0.015
4440	0.014	0.015	0.015	0.015	8:59:16	10/13/2011 8:59	0.016
4500	0.015	0.015	0.016	0.016	9:00:16	10/13/2011 9:00	0.016
4560	0.015	0.015	0.016	0.016	9:01:16	10/13/2011 9:01	0.016
4620	0.015	0.016	0.016	0.016	9:02:16	10/13/2011 9:02	0.016
4680	0.016	0.016	0.016	0.017	9:03:16	10/13/2011 9:03	0.017
4740	0.016	0.016	0.017	0.018	9:04:16	10/13/2011 9:04	0.018
4800	0.016	0.016	0.016	0.017	9:05:16	10/13/2011 9:05	0.017
4860	0.017	0.018	0.018	0.019	9:06:16	10/13/2011 9:06	0.019
4920	0.02	0.02	0.02	0.021	9:07:16	10/13/2011 9:07	0.022
4980	0.018	0.018	0.019	0.019	9:08:16	10/13/2011 9:08	0.02
5040	0.018	0.018	0.019	0.019	9:09:16	10/13/2011 9:09	0.019
5100	0.018	0.018	0.018	0.019	9:10:16	10/13/2011 9:10	0.02
5160	0.018	0.018	0.019	0.019	9:11:16	10/13/2011 9:11	0.019
5220	0.02	0.021	0.021	0.022	9:12:16	10/13/2011 9:12	0.022
5280	0.018	0.018	0.019	0.019	9:13:16	10/13/2011 9:13	0.02
5340	0.018	0.018	0.018	0.019	9:14:16	10/13/2011 9:14	0.019
5400	0.017	0.018	0.018	0.018	9:15:16	10/13/2011 9:15	0.018
5460	0.018	0.018	0.019	0.019	9:16:16	10/13/2011 9:16	0.02
5520	0.031	0.032	0.032	0.034	9:17:16	10/13/2011 9:17	0.039
5580	0.016	0.016	0.016	0.017	9:18:16	10/13/2011 9:18	0.017
5640	0.016	0.016	0.017	0.017	9:19:16	10/13/2011 9:19	0.017
5700	0.016	0.016	0.016	0.017	9:20:16	10/13/2011 9:20	0.017
5760	0.016	0.016	0.016	0.017	9:21:16	10/13/2011 9:21	0.017
5820	0.015	0.015	0.016	0.016	9:22:16	10/13/2011 9:22	0.016
5880	0.015	0.015	0.015	0.016	9:23:16	10/13/2011 9:23	0.016
5940	0.015	0.015	0.016	0.016	9:24:16	10/13/2011 9:24	0.016
6000	0.016	0.016	0.017	0.017	9:25:16	10/13/2011 9:25	0.019
6060	0.018	0.018	0.019	0.019	9:26:16	10/13/2011 9:26	0.019

6120	0.019	0.019	0.02	0.02	9:27:16	10/13/2011 9:27	0.021
6180	0.019	0.019	0.019	0.02	9:28:16	10/13/2011 9:28	0.02
6240	0.018	0.018	0.018	0.019	9:29:16	10/13/2011 9:29	0.019
6300	0.017	0.017	0.017	0.018	9:30:16	10/13/2011 9:30	0.018
6360	0.016	0.016	0.017	0.017	9:31:16	10/13/2011 9:31	0.017
6420	0.016	0.017	0.017	0.018	9:32:16	10/13/2011 9:32	0.018
6480	0.015	0.015	0.016	0.016	9:33:16	10/13/2011 9:33	0.016
6540	0.015	0.015	0.015	0.016	9:34:16	10/13/2011 9:34	0.016
6600	0.015	0.015	0.016	0.016	9:35:16	10/13/2011 9:35	0.016
6660	0.016	0.016	0.017	0.017	9:36:16	10/13/2011 9:36	0.018
6720	0.015	0.016	0.016	0.016	9:37:16	10/13/2011 9:37	0.016
6780	0.015	0.015	0.016	0.016	9:38:16	10/13/2011 9:38	0.016
6840	0.015	0.015	0.016	0.016	9:39:16	10/13/2011 9:39	0.016
6900	0.015	0.016	0.016	0.016	9:40:16	10/13/2011 9:40	0.017
6960	0.015	0.015	0.015	0.015	9:41:16	10/13/2011 9:41	0.015
7020	0.014	0.014	0.014	0.014	9:42:16	10/13/2011 9:42	0.014
7080	0.019	0.02	0.02	0.022	9:43:16	10/13/2011 9:43	0.024
7140	0.014	0.014	0.015	0.015	9:44:16	10/13/2011 9:44	0.015
7200	0.015	0.015	0.015	0.016	9:45:16	10/13/2011 9:45	0.016
7260	0.028	0.028	0.028	0.029	9:46:16	10/13/2011 9:46	0.029
7320	0.013	0.013	0.013	0.013	9:47:16	10/13/2011 9:47	0.014
7380	0.012	0.012	0.012	0.013	9:48:16	10/13/2011 9:48	0.013
7440	0.012	0.012	0.012	0.013	9:49:16	10/13/2011 9:49	0.013
7500	0.013	0.013	0.014	0.014	9:50:16	10/13/2011 9:50	0.014
7560	0.012	0.012	0.012	0.013	9:51:16	10/13/2011 9:51	0.013
7620	0.012	0.012	0.012	0.012	9:52:16	10/13/2011 9:52	0.013
7680	0.011	0.011	0.012	0.012	9:53:16	10/13/2011 9:53	0.012
7740	0.011	0.011	0.011	0.012	9:54:16	10/13/2011 9:54	0.012
7800	0.012	0.013	0.013	0.013	9:55:16	10/13/2011 9:55	0.013
7860	0.013	0.013	0.013	0.014	9:56:16	10/13/2011 9:56	0.014
7920	0.012	0.012	0.013	0.013	9:57:16	10/13/2011 9:57	0.013
7980	0.012	0.013	0.013	0.013	9:58:16	10/13/2011 9:58	0.014
8040	0.012	0.013	0.013	0.013	9:59:16	10/13/2011 9:59	0.013
8100	0.013	0.013	0.013	0.013	10:00:16	10/13/2011 10:00	0.014
8160	0.013	0.013	0.013	0.014	10:01:16	10/13/2011 10:01	0.014
8220	0.013	0.013	0.013	0.013	10:02:16	10/13/2011 10:02	0.013
8280	0.017	0.018	0.018	0.02	10:03:16	10/13/2011 10:03	0.02
8340	0.013	0.014	0.014	0.014	10:04:16	10/13/2011 10:04	0.014
8400	0.013	0.014	0.014	0.014	10:05:16	10/13/2011 10:05	0.014
8460	0.013	0.014	0.014	0.015	10:06:16	10/13/2011 10:06	0.015
8520	0.013	0.013	0.014	0.014	10:07:16	10/13/2011 10:07	0.014
8580	0.014	0.014	0.014	0.015	10:08:16	10/13/2011 10:08	0.015
8640	0.014	0.014	0.014	0.015	10:09:16	10/13/2011 10:09	0.015
8700	0.014	0.014	0.015	0.015	10:10:16	10/13/2011 10:10	0.015
8760	0.014	0.014	0.015	0.015	10:11:16	10/13/2011 10:11	0.015
8820	0.014	0.015	0.015	0.015	10:12:16	10/13/2011 10:12	0.015
8880	0.015	0.015	0.015	0.016	10:13:16	10/13/2011 10:13	0.016
8940	0.015	0.015	0.016	0.016	10:14:16	10/13/2011 10:14	0.016
9000	0.016	0.016	0.017	0.017	10:15:16	10/13/2011 10:15	0.017
9060	0.028	0.029	0.03	0.039	10:16:16	10/13/2011 10:16	0.044
9120	0.017	0.017	0.017	0.018	10:17:16	10/13/2011 10:17	0.018
9180	0.018	0.018	0.019	0.019	10:18:16	10/13/2011 10:18	0.019
9240	0.019	0.02	0.02	0.021	10:19:16	10/13/2011 10:19	0.021
9300	0.02	0.021	0.022	0.023	10:20:16	10/13/2011 10:20	0.023
9360	0.018	0.018	0.019	0.02	10:21:16	10/13/2011 10:21	0.02
9420	0.017	0.017	0.017	0.018	10:22:16	10/13/2011 10:22	0.018
9480	0.017	0.017	0.018	0.019	10:23:16	10/13/2011 10:23	0.019
9540	0.02	0.021	0.021	0.022	10:24:16	10/13/2011 10:24	0.023
9600	0.02	0.021	0.021	0.022	10:25:16	10/13/2011 10:25	0.023
9660	0.018	0.019	0.019	0.02	10:26:16	10/13/2011 10:26	0.02
9720	0.017	0.017	0.018	0.018	10:27:16	10/13/2011 10:27	0.018
9780	0.017	0.018	0.019	0.019	10:28:16	10/13/2011 10:28	0.02
9840	0.018	0.018	0.019	0.019	10:29:16	10/13/2011 10:29	0.02
9900	0.051	0.052	0.053	0.064	10:30:16	10/13/2011 10:30	0.075
9960	0.018	0.018	0.018	0.019	10:31:16	10/13/2011 10:31	0.02
10020	0.017	0.018	0.018	0.019	10:32:16	10/13/2011 10:32	0.019
10080	0.018	0.018	0.019	0.02	10:33:16	10/13/2011 10:33	0.02
10140	0.015	0.015	0.015	0.016	10:34:16	10/13/2011 10:34	0.016
10200	0.016	0.016	0.016	0.017	10:35:16	10/13/2011 10:35	0.017

10260	0.018	0.019	0.019	0.02	10:36:16	10/13/2011 10:36	0.021
10320	0.017	0.018	0.019	0.02	10:37:16	10/13/2011 10:37	0.021
10380	0.016	0.017	0.017	0.018	10:38:16	10/13/2011 10:38	0.018
10440	0.017	0.017	0.018	0.018	10:39:16	10/13/2011 10:39	0.019
10500	0.018	0.018	0.019	0.02	10:40:16	10/13/2011 10:40	0.02
10560	0.016	0.016	0.016	0.017	10:41:16	10/13/2011 10:41	0.017
10620	0.017	0.017	0.018	0.019	10:42:16	10/13/2011 10:42	0.019
10680	0.02	0.021	0.022	0.023	10:43:16	10/13/2011 10:43	0.023
10740	0.017	0.017	0.018	0.019	10:44:16	10/13/2011 10:44	0.019
10800	0.02	0.02	0.021	0.023	10:45:16	10/13/2011 10:45	0.024
10860	0.019	0.02	0.02	0.021	10:46:16	10/13/2011 10:46	0.021
10920	0.018	0.018	0.019	0.02	10:47:16	10/13/2011 10:47	0.02
10980	0.016	0.017	0.017	0.019	10:48:16	10/13/2011 10:48	0.019
11040	0.017	0.017	0.018	0.02	10:49:16	10/13/2011 10:49	0.02
11100	0.021	0.022	0.023	0.025	10:50:16	10/13/2011 10:50	0.025
11160	0.023	0.024	0.025	0.026	10:51:16	10/13/2011 10:51	0.027
11220	0.021	0.021	0.022	0.023	10:52:16	10/13/2011 10:52	0.023
11280	0.02	0.02	0.021	0.021	10:53:16	10/13/2011 10:53	0.022
11340	0.017	0.018	0.018	0.019	10:54:16	10/13/2011 10:54	0.019
11400	0.015	0.016	0.016	0.016	10:55:16	10/13/2011 10:55	0.016
11460	0.015	0.016	0.016	0.016	10:56:16	10/13/2011 10:56	0.016
11520	0.016	0.016	0.017	0.017	10:57:16	10/13/2011 10:57	0.018
11580	0.016	0.016	0.017	0.017	10:58:16	10/13/2011 10:58	0.018
11640	0.017	0.017	0.017	0.018	10:59:16	10/13/2011 10:59	0.018
11700	0.017	0.017	0.017	0.018	11:00:16	10/13/2011 11:00	0.018
11760	0.016	0.017	0.017	0.018	11:01:16	10/13/2011 11:01	0.018
11820	0.017	0.017	0.017	0.018	11:02:16	10/13/2011 11:02	0.018
11880	0.017	0.017	0.018	0.018	11:03:16	10/13/2011 11:03	0.019
11940	0.018	0.019	0.019	0.02	11:04:16	10/13/2011 11:04	0.02
12000	0.018	0.019	0.019	0.02	11:05:16	10/13/2011 11:05	0.02
12060	0.018	0.019	0.019	0.02	11:06:16	10/13/2011 11:06	0.02
12120	0.02	0.02	0.02	0.021	11:07:16	10/13/2011 11:07	0.021
12180	0.019	0.02	0.02	0.021	11:08:16	10/13/2011 11:08	0.021
12240	0.018	0.019	0.019	0.019	11:09:16	10/13/2011 11:09	0.019
12300	0.018	0.019	0.019	0.02	11:10:16	10/13/2011 11:10	0.02
12360	0.019	0.019	0.019	0.02	11:11:16	10/13/2011 11:11	0.021
12420	0.022	0.023	0.023	0.025	11:12:16	10/13/2011 11:12	0.025
12480	0.02	0.02	0.021	0.022	11:13:16	10/13/2011 11:13	0.023
12540	0.019	0.019	0.02	0.021	11:14:16	10/13/2011 11:14	0.022
12600	0.018	0.019	0.019	0.02	11:15:16	10/13/2011 11:15	0.02
12660	0.017	0.018	0.018	0.019	11:16:16	10/13/2011 11:16	0.019
12720	0.018	0.018	0.018	0.019	11:17:16	10/13/2011 11:17	0.019
12780	0.018	0.018	0.019	0.019	11:18:16	10/13/2011 11:18	0.02
12840	0.018	0.018	0.019	0.019	11:19:16	10/13/2011 11:19	0.019
12900	0.018	0.018	0.018	0.019	11:20:16	10/13/2011 11:20	0.02
12960	0.018	0.018	0.019	0.019	11:21:16	10/13/2011 11:21	0.019
13020	0.017	0.017	0.018	0.018	11:22:16	10/13/2011 11:22	0.018
13080	0.017	0.018	0.018	0.019	11:23:16	10/13/2011 11:23	0.019
13140	0.017	0.017	0.017	0.018	11:24:16	10/13/2011 11:24	0.018
13200	0.016	0.016	0.017	0.017	11:25:16	10/13/2011 11:25	0.018
13260	0.016	0.017	0.017	0.018	11:26:16	10/13/2011 11:26	0.018
13320	0.017	0.017	0.018	0.018	11:27:16	10/13/2011 11:27	0.018
13380	0.017	0.018	0.018	0.019	11:28:16	10/13/2011 11:28	0.019
13440	0.017	0.018	0.018	0.019	11:29:16	10/13/2011 11:29	0.019
13500	0.018	0.018	0.018	0.019	11:30:16	10/13/2011 11:30	0.019
13560	0.017	0.017	0.017	0.018	11:31:16	10/13/2011 11:31	0.018
13620	0.016	0.017	0.017	0.018	11:32:16	10/13/2011 11:32	0.018
13680	0.015	0.015	0.016	0.016	11:33:16	10/13/2011 11:33	0.016
13740	0.015	0.016	0.016	0.016	11:34:16	10/13/2011 11:34	0.017
13800	0.014	0.014	0.015	0.015	11:35:16	10/13/2011 11:35	0.015
13860	0.013	0.014	0.014	0.014	11:36:16	10/13/2011 11:36	0.014
13920	0.013	0.013	0.013	0.014	11:37:16	10/13/2011 11:37	0.014
13980	0.013	0.014	0.014	0.014	11:38:16	10/13/2011 11:38	0.014
14040	0.014	0.014	0.014	0.015	11:39:16	10/13/2011 11:39	0.015
14100	0.015	0.015	0.016	0.016	11:40:16	10/13/2011 11:40	0.016
14160	0.016	0.016	0.017	0.017	11:41:16	10/13/2011 11:41	0.017
14220	0.015	0.015	0.015	0.016	11:42:16	10/13/2011 11:42	0.016
14280	0.014	0.015	0.015	0.016	11:43:16	10/13/2011 11:43	0.016
14340	0.014	0.015	0.015	0.016	11:44:16	10/13/2011 11:44	0.016

14400	0.014	0.015	0.015	0.015	0.015	11:45:16	10/13/2011	11:45	0.016
14460	0.015	0.015	0.015	0.016	0.016	11:46:16	10/13/2011	11:46	0.016
14520	0.015	0.015	0.016	0.016	0.016	11:47:16	10/13/2011	11:47	0.016
14580	0.016	0.016	0.016	0.017	0.017	11:48:16	10/13/2011	11:48	0.017
14640	0.015	0.016	0.016	0.017	0.017	11:49:16	10/13/2011	11:49	0.017
14700	0.016	0.016	0.017	0.017	0.017	11:50:16	10/13/2011	11:50	0.017
14760	0.017	0.017	0.018	0.018	0.018	11:51:16	10/13/2011	11:51	0.019
14820	0.017	0.017	0.017	0.018	0.018	11:52:16	10/13/2011	11:52	0.018
14880	0.016	0.016	0.017	0.017	0.017	11:53:16	10/13/2011	11:53	0.017
14940	0.016	0.017	0.017	0.018	0.018	11:54:16	10/13/2011	11:54	0.018
15000	0.015	0.016	0.016	0.016	0.016	11:55:16	10/13/2011	11:55	0.016
15060	0.016	0.016	0.017	0.017	0.017	11:56:16	10/13/2011	11:56	0.017
15120	0.016	0.017	0.017	0.018	0.018	11:57:16	10/13/2011	11:57	0.018
15180	0.015	0.015	0.016	0.016	0.016	11:58:16	10/13/2011	11:58	0.016
15240	0.015	0.016	0.016	0.016	0.016	11:59:16	10/13/2011	11:59	0.016
15300	0.016	0.016	0.016	0.017	0.017	12:00:16	10/13/2011	12:00	0.017
15360	0.016	0.017	0.017	0.018	0.018	12:01:16	10/13/2011	12:01	0.018
15420	0.016	0.016	0.016	0.017	0.017	12:02:16	10/13/2011	12:02	0.017
15480	0.016	0.016	0.016	0.017	0.017	12:03:16	10/13/2011	12:03	0.017
15540	0.016	0.016	0.016	0.017	0.017	12:04:16	10/13/2011	12:04	0.017
15600	0.016	0.017	0.017	0.017	0.017	12:05:16	10/13/2011	12:05	0.017
15660	0.015	0.016	0.016	0.016	0.016	12:06:16	10/13/2011	12:06	0.016
15720	0.016	0.016	0.016	0.017	0.017	12:07:16	10/13/2011	12:07	0.017
15780	0.016	0.016	0.016	0.017	0.017	12:08:16	10/13/2011	12:08	0.017
15840	0.016	0.016	0.016	0.017	0.017	12:09:16	10/13/2011	12:09	0.017
15900	0.016	0.016	0.017	0.017	0.017	12:10:16	10/13/2011	12:10	0.017
15960	0.017	0.018	0.018	0.019	0.019	12:11:16	10/13/2011	12:11	0.019
16020	0.016	0.016	0.016	0.017	0.017	12:12:16	10/13/2011	12:12	0.017
16080	0.016	0.017	0.017	0.018	0.018	12:13:16	10/13/2011	12:13	0.018
16140	0.016	0.016	0.017	0.018	0.018	12:14:16	10/13/2011	12:14	0.018
16200	0.016	0.016	0.017	0.018	0.018	12:15:16	10/13/2011	12:15	0.018
16260	0.014	0.014	0.015	0.015	0.015	12:16:16	10/13/2011	12:16	0.015
16320	0.014	0.015	0.015	0.015	0.015	12:17:16	10/13/2011	12:17	0.015
16380	0.014	0.015	0.015	0.016	0.016	12:18:16	10/13/2011	12:18	0.016
16440	0.014	0.014	0.015	0.015	0.015	12:19:16	10/13/2011	12:19	0.016
16500	0.015	0.015	0.015	0.016	0.016	12:20:16	10/13/2011	12:20	0.016
16560	0.015	0.015	0.015	0.016	0.016	12:21:16	10/13/2011	12:21	0.016
16620	0.014	0.014	0.015	0.015	0.015	12:22:16	10/13/2011	12:22	0.015
16680	0.015	0.015	0.015	0.016	0.016	12:23:16	10/13/2011	12:23	0.016
16740	0.015	0.015	0.016	0.017	0.017	12:24:16	10/13/2011	12:24	0.017
16800	0.016	0.016	0.017	0.017	0.017	12:25:16	10/13/2011	12:25	0.018
16860	0.016	0.016	0.017	0.017	0.017	12:26:16	10/13/2011	12:26	0.017
16920	0.017	0.017	0.018	0.019	0.019	12:27:16	10/13/2011	12:27	0.019
16980	0.016	0.017	0.017	0.018	0.018	12:28:16	10/13/2011	12:28	0.018
17040	0.017	0.017	0.017	0.018	0.018	12:29:16	10/13/2011	12:29	0.018
17100	0.016	0.016	0.016	0.017	0.017	12:30:16	10/13/2011	12:30	0.017
17160	0.015	0.016	0.016	0.017	0.017	12:31:16	10/13/2011	12:31	0.017
17220	0.016	0.016	0.017	0.018	0.018	12:32:16	10/13/2011	12:32	0.018
17280	0.016	0.017	0.017	0.018	0.018	12:33:16	10/13/2011	12:33	0.018
17340	0.016	0.016	0.016	0.016	0.016	12:34:16	10/13/2011	12:34	0.016
17400	0.016	0.016	0.016	0.017	0.017	12:35:16	10/13/2011	12:35	0.017
17460	0.016	0.016	0.017	0.017	0.017	12:36:16	10/13/2011	12:36	0.017
17520	0.016	0.017	0.017	0.018	0.018	12:37:16	10/13/2011	12:37	0.018
17580	0.016	0.017	0.017	0.017	0.017	12:38:16	10/13/2011	12:38	0.017
17640	0.017	0.017	0.018	0.018	0.018	12:39:16	10/13/2011	12:39	0.019
17700	0.017	0.017	0.018	0.018	0.018	12:40:16	10/13/2011	12:40	0.018
17760	0.017	0.017	0.017	0.018	0.018	12:41:16	10/13/2011	12:41	0.018
17820	0.017	0.018	0.018	0.019	0.019	12:42:16	10/13/2011	12:42	0.019
17880	0.018	0.018	0.019	0.02	0.02	12:43:16	10/13/2011	12:43	0.02
17940	0.018	0.018	0.019	0.019	0.019	12:44:16	10/13/2011	12:44	0.019
18000	0.018	0.019	0.019	0.02	0.02	12:45:16	10/13/2011	12:45	0.02
18060	0.018	0.018	0.018	0.019	0.019	12:46:16	10/13/2011	12:46	0.019
18120	0.018	0.019	0.019	0.02	0.02	12:47:16	10/13/2011	12:47	0.02
18180	0.018	0.018	0.019	0.019	0.019	12:48:16	10/13/2011	12:48	0.019
18240	0.018	0.018	0.019	0.019	0.019	12:49:16	10/13/2011	12:49	0.019
18300	0.019	0.019	0.019	0.02	0.02	12:50:16	10/13/2011	12:50	0.02
18360	0.019	0.019	0.019	0.02	0.02	12:51:16	10/13/2011	12:51	0.02
18420	0.018	0.018	0.018	0.019	0.019	12:52:16	10/13/2011	12:52	0.019
18480	0.018	0.018	0.019	0.02	0.02	12:53:16	10/13/2011	12:53	0.02

18540	0.017	0.017	0.017	0.018	12:54:16	10/13/2011 12:54	0.018
18600	0.016	0.016	0.017	0.018	12:55:16	10/13/2011 12:55	0.018
18660	0.017	0.017	0.018	0.02	12:56:16	10/13/2011 12:56	0.02
18720	0.016	0.017	0.017	0.018	12:57:16	10/13/2011 12:57	0.018
18780	0.017	0.017	0.018	0.019	12:58:16	10/13/2011 12:58	0.019
18840	0.017	0.017	0.017	0.018	12:59:16	10/13/2011 12:59	0.018
18900	0.016	0.016	0.017	0.017	13:00:16	10/13/2011 13:00	0.018
18960	0.021	0.022	0.022	0.024	13:01:16	10/13/2011 13:01	0.024
19020	0.017	0.018	0.018	0.019	13:02:16	10/13/2011 13:02	0.019
19080	0.018	0.019	0.019	0.021	13:03:16	10/13/2011 13:03	0.021
19140	0.018	0.018	0.019	0.02	13:04:16	10/13/2011 13:04	0.02
19200	0.018	0.018	0.018	0.02	13:05:16	10/13/2011 13:05	0.02
19260	0.018	0.018	0.019	0.02	13:06:16	10/13/2011 13:06	0.02
19320	0.017	0.018	0.018	0.019	13:07:16	10/13/2011 13:07	0.019
19380	0.018	0.018	0.019	0.02	13:08:16	10/13/2011 13:08	0.02
19440	0.022	0.023	0.024	0.025	13:09:16	10/13/2011 13:09	0.025
19500	0.026	0.027	0.029	0.032	13:10:16	10/13/2011 13:10	0.032
19560	0.029	0.031	0.033	0.035	13:11:16	10/13/2011 13:11	0.037
19620	0.024	0.025	0.026	0.028	13:12:16	10/13/2011 13:12	0.028
19680	0.025	0.026	0.027	0.029	13:13:16	10/13/2011 13:13	0.029
19740	0.027	0.028	0.03	0.031	13:14:16	10/13/2011 13:14	0.031
19800	0.026	0.027	0.028	0.03	13:15:16	10/13/2011 13:15	0.03
19860	0.027	0.028	0.03	0.032	13:16:16	10/13/2011 13:16	0.033
19920	0.03	0.032	0.034	0.036	13:17:16	10/13/2011 13:17	0.036
19980	0.027	0.028	0.029	0.031	13:18:16	10/13/2011 13:18	0.031
20040	0.022	0.022	0.023	0.025	13:19:16	10/13/2011 13:19	0.025
20100	0.02	0.02	0.021	0.023	13:20:16	10/13/2011 13:20	0.023
20160	0.021	0.022	0.022	0.023	13:21:16	10/13/2011 13:21	0.023
20220	0.023	0.024	0.024	0.026	13:22:16	10/13/2011 13:22	0.027
20280	0.02	0.021	0.022	0.024	13:23:16	10/13/2011 13:23	0.024
20340	0.02	0.02	0.021	0.024	13:24:16	10/13/2011 13:24	0.024
20400	0.019	0.02	0.021	0.022	13:25:16	10/13/2011 13:25	0.023
20460	0.021	0.021	0.022	0.023	13:26:16	10/13/2011 13:26	0.024
20520	0.02	0.02	0.02	0.021	13:27:16	10/13/2011 13:27	0.021
20580	0.02	0.021	0.021	0.023	13:28:16	10/13/2011 13:28	0.023
20640	0.019	0.02	0.02	0.021	13:29:16	10/13/2011 13:29	0.021
20700	0.019	0.019	0.02	0.021	13:30:16	10/13/2011 13:30	0.021
20760	0.02	0.021	0.021	0.022	13:31:16	10/13/2011 13:31	0.022
20820	0.02	0.021	0.022	0.023	13:32:16	10/13/2011 13:32	0.023
20880	0.02	0.021	0.021	0.022	13:33:16	10/13/2011 13:33	0.022
20940	0.02	0.021	0.021	0.022	13:34:16	10/13/2011 13:34	0.022
21000	0.021	0.022	0.022	0.024	13:35:16	10/13/2011 13:35	0.024
21060	0.021	0.022	0.022	0.023	13:36:16	10/13/2011 13:36	0.023
21120	0.022	0.023	0.023	0.025	13:37:16	10/13/2011 13:37	0.025
21180	0.023	0.023	0.024	0.025	13:38:16	10/13/2011 13:38	0.026
21240	0.025	0.026	0.027	0.029	13:39:16	10/13/2011 13:39	0.03
21300	0.028	0.029	0.03	0.031	13:40:16	10/13/2011 13:40	0.031
21360	0.082	0.083	0.084	0.1	13:41:16	10/13/2011 13:41	0.114
21420	0.024	0.025	0.026	0.027	13:42:16	10/13/2011 13:42	0.027
21480	0.025	0.025	0.026	0.027	13:43:16	10/13/2011 13:43	0.027
21540	0.024	0.025	0.026	0.027	13:44:16	10/13/2011 13:44	0.027
21600	0.024	0.025	0.026	0.027	13:45:16	10/13/2011 13:45	0.027
21660	0.024	0.025	0.025	0.027	13:46:16	10/13/2011 13:46	0.027
21720	0.023	0.024	0.024	0.025	13:47:16	10/13/2011 13:47	0.025
21780	0.022	0.023	0.023	0.024	13:48:16	10/13/2011 13:48	0.024
21840	0.023	0.023	0.024	0.025	13:49:16	10/13/2011 13:49	0.025
21900	0.023	0.023	0.024	0.025	13:50:16	10/13/2011 13:50	0.025
21960	0.022	0.023	0.023	0.024	13:51:16	10/13/2011 13:51	0.024
22020	0.022	0.023	0.023	0.024	13:52:16	10/13/2011 13:52	0.024
22080	0.022	0.023	0.023	0.025	13:53:16	10/13/2011 13:53	0.025
22140	0.023	0.023	0.024	0.025	13:54:16	10/13/2011 13:54	0.026
22200	0.035	0.036	0.037	0.042	13:55:16	10/13/2011 13:55	0.047
22260	0.055	0.056	0.057	0.064	13:56:16	10/13/2011 13:56	0.072
22320	0.025	0.025	0.026	0.026	13:57:16	10/13/2011 13:57	0.026
22380	0.026	0.026	0.027	0.028	13:58:16	10/13/2011 13:58	0.028
22440	0.025	0.025	0.026	0.026	13:59:16	10/13/2011 13:59	0.026
22500	0.026	0.026	0.027	0.028	14:00:16	10/13/2011 14:00	0.028
22560	0.028	0.029	0.029	0.031	14:01:16	10/13/2011 14:01	0.031
22620	0.027	0.027	0.028	0.029	14:02:16	10/13/2011 14:02	0.029

22680	0.027	0.027	0.028	0.029	14:03:16	10/13/2011 14:03	0.029
22740	0.027	0.027	0.028	0.029	14:04:16	10/13/2011 14:04	0.029
22800	0.026	0.027	0.027	0.028	14:05:16	10/13/2011 14:05	0.029
22860	0.026	0.026	0.027	0.028	14:06:16	10/13/2011 14:06	0.028
22920	0.026	0.027	0.028	0.029	14:07:16	10/13/2011 14:07	0.029
22980	0.026	0.027	0.028	0.029	14:08:16	10/13/2011 14:08	0.029
23040	0.024	0.024	0.025	0.026	14:09:16	10/13/2011 14:09	0.026
23100	0.024	0.024	0.024	0.025	14:10:16	10/13/2011 14:10	0.025
23160	0.023	0.024	0.024	0.025	14:11:16	10/13/2011 14:11	0.025
23220	0.023	0.024	0.024	0.025	14:12:16	10/13/2011 14:12	0.025
23280	0.024	0.025	0.025	0.026	14:13:16	10/13/2011 14:13	0.026
23340	0.026	0.026	0.027	0.028	14:14:16	10/13/2011 14:14	0.028
23400	0.028	0.029	0.029	0.03	14:15:16	10/13/2011 14:15	0.03
23460	0.026	0.026	0.027	0.027	14:16:16	10/13/2011 14:16	0.027
23520	0.026	0.026	0.027	0.028	14:17:16	10/13/2011 14:17	0.028
23580	0.026	0.026	0.027	0.028	14:18:16	10/13/2011 14:18	0.028
23640	0.025	0.025	0.026	0.026	14:19:16	10/13/2011 14:19	0.027
23700	0.025	0.026	0.026	0.027	14:20:16	10/13/2011 14:20	0.027
23760	0.025	0.026	0.026	0.027	14:21:16	10/13/2011 14:21	0.027
23820	0.024	0.025	0.025	0.026	14:22:16	10/13/2011 14:22	0.026
23880	0.025	0.025	0.025	0.026	14:23:16	10/13/2011 14:23	0.026
23940	0.025	0.026	0.026	0.028	14:24:16	10/13/2011 14:24	0.028
24000	0.026	0.026	0.027	0.027	14:25:16	10/13/2011 14:25	0.027
24060	0.027	0.027	0.028	0.029	14:26:16	10/13/2011 14:26	0.03
24120	0.026	0.026	0.027	0.028	14:27:16	10/13/2011 14:27	0.028
24180	0.024	0.025	0.025	0.026	14:28:16	10/13/2011 14:28	0.026
24240	0.024	0.024	0.025	0.026	14:29:16	10/13/2011 14:29	0.026
24300	0.024	0.025	0.025	0.026	14:30:16	10/13/2011 14:30	0.026
24360	0.025	0.025	0.026	0.027	14:31:16	10/13/2011 14:31	0.027
24420	0.026	0.026	0.027	0.028	14:32:16	10/13/2011 14:32	0.029
24480	0.025	0.025	0.026	0.026	14:33:16	10/13/2011 14:33	0.026
24540	0.026	0.026	0.027	0.029	14:34:16	10/13/2011 14:34	0.029
24600	0.027	0.028	0.029	0.032	14:35:16	10/13/2011 14:35	0.033
24660	0.027	0.028	0.028	0.029	14:36:16	10/13/2011 14:36	0.03
24720	0.026	0.027	0.027	0.029	14:37:16	10/13/2011 14:37	0.029
24780	0.027	0.027	0.028	0.029	14:38:16	10/13/2011 14:38	0.029
24840	0.026	0.027	0.028	0.028	14:39:16	10/13/2011 14:39	0.029
24900	0.025	0.026	0.027	0.028	14:40:16	10/13/2011 14:40	0.029
24960	0.027	0.028	0.029	0.03	14:41:16	10/13/2011 14:41	0.031
25020	0.026	0.026	0.027	0.027	14:42:16	10/13/2011 14:42	0.028
25080	0.025	0.026	0.026	0.027	14:43:16	10/13/2011 14:43	0.028
25140	0.025	0.026	0.026	0.027	14:44:16	10/13/2011 14:44	0.027
25200	0.027	0.027	0.028	0.029	14:45:16	10/13/2011 14:45	0.03
25260	0.027	0.027	0.028	0.029	14:46:16	10/13/2011 14:46	0.029
25320	0.026	0.027	0.028	0.029	14:47:16	10/13/2011 14:47	0.029
25380	0.026	0.026	0.027	0.028	14:48:16	10/13/2011 14:48	0.028
25440	0.026	0.026	0.027	0.028	14:49:16	10/13/2011 14:49	0.028
25500	0.027	0.028	0.029	0.032	14:50:16	10/13/2011 14:50	0.032
25560	0.027	0.027	0.028	0.03	14:51:16	10/13/2011 14:51	0.03
25620	0.027	0.027	0.028	0.029	14:52:16	10/13/2011 14:52	0.029
25680	0.028	0.029	0.03	0.032	14:53:16	10/13/2011 14:53	0.032
25740	0.027	0.027	0.028	0.029	14:54:16	10/13/2011 14:54	0.029
25800	0.029	0.03	0.031	0.035	14:55:16	10/13/2011 14:55	0.036
25860	0.028	0.028	0.029	0.031	14:56:16	10/13/2011 14:56	0.032
25920	0.029	0.029	0.03	0.033	14:57:16	10/13/2011 14:57	0.033
25980	0.029	0.03	0.031	0.034	14:58:16	10/13/2011 14:58	0.035
26040	0.029	0.03	0.032	0.033	14:59:16	10/13/2011 14:59	0.034
26100	0.029	0.03	0.03	0.032	15:00:16	10/13/2011 15:00	0.033
26160	0.029	0.03	0.031	0.033	15:01:16	10/13/2011 15:01	0.033
26220	0.029	0.029	0.03	0.031	15:02:16	10/13/2011 15:02	0.031
26280	0.029	0.029	0.03	0.031	15:03:16	10/13/2011 15:03	0.031
26340	0.03	0.03	0.031	0.032	15:04:16	10/13/2011 15:04	0.033
26400	0.029	0.03	0.03	0.031	15:05:16	10/13/2011 15:05	0.031
26460	0.03	0.03	0.031	0.032	15:06:16	10/13/2011 15:06	0.032
26520	0.03	0.03	0.031	0.033	15:07:16	10/13/2011 15:07	0.033
26580	0.031	0.031	0.032	0.033	15:08:16	10/13/2011 15:08	0.033
26640	0.03	0.031	0.031	0.032	15:09:16	10/13/2011 15:09	0.033
26700	0.031	0.032	0.032	0.034	15:10:16	10/13/2011 15:10	0.034
26760	0.031	0.032	0.033	0.034	15:11:16	10/13/2011 15:11	0.034

26820	0.031	0.032	0.033	0.034	15:12:16	10/13/2011 15:12	0.034
26880	0.031	0.032	0.033	0.034	15:13:16	10/13/2011 15:13	0.035
26940	0.031	0.032	0.032	0.034	15:14:16	10/13/2011 15:14	0.034
27000	0.032	0.033	0.034	0.034	15:15:16	10/13/2011 15:15	0.034
27060	0.032	0.033	0.034	0.034	15:16:16	10/13/2011 15:16	0.034
27120	0.032	0.033	0.034	0.035	15:17:16	10/13/2011 15:17	0.035
27180	0.032	0.033	0.034	0.034	15:18:16	10/13/2011 15:18	0.034
27240	0.033	0.034	0.034	0.036	15:19:16	10/13/2011 15:19	0.036
27300	0.041	0.042	0.043	0.052	15:20:16	10/13/2011 15:20	0.063
27360	0.033	0.034	0.035	0.036	15:21:16	10/13/2011 15:21	0.036
27420	0.033	0.034	0.034	0.035	15:22:16	10/13/2011 15:22	0.035
27480	0.034	0.034	0.035	0.036	15:23:16	10/13/2011 15:23	0.036
27540	0.033	0.034	0.034	0.035	15:24:16	10/13/2011 15:24	0.035
27600	0.033	0.033	0.034	0.035	15:25:16	10/13/2011 15:25	0.035
27660	0.033	0.033	0.034	0.035	15:26:16	10/13/2011 15:26	0.035
27720	0.034	0.035	0.036	0.037	15:27:16	10/13/2011 15:27	0.037
27780	0.033	0.034	0.034	0.035	15:28:16	10/13/2011 15:28	0.035
27840	0.034	0.035	0.035	0.036	15:29:16	10/13/2011 15:29	0.036
27900	0.034	0.035	0.036	0.037	15:30:16	10/13/2011 15:30	0.039
27960	0.033	0.034	0.034	0.035	15:31:16	10/13/2011 15:31	0.035
28020	0.032	0.033	0.033	0.034	15:32:16	10/13/2011 15:32	0.034
28080	0.033	0.033	0.034	0.034	15:33:16	10/13/2011 15:33	0.035
28140	0.033	0.033	0.034	0.035	15:34:16	10/13/2011 15:34	0.035
28200	0.032	0.033	0.033	0.034	15:35:16	10/13/2011 15:35	0.034
28260	0.033	0.034	0.035	0.035	15:36:16	10/13/2011 15:36	0.036
28320	0.034	0.035	0.035	0.036	15:37:16	10/13/2011 15:37	0.036
28380	0.034	0.035	0.036	0.037	15:38:16	10/13/2011 15:38	0.037
28440	0.035	0.036	0.036	0.037	15:39:16	10/13/2011 15:39	0.038
28500	0.034	0.035	0.036	0.037	15:40:16	10/13/2011 15:40	0.037
28560	0.033	0.033	0.034	0.035	15:41:16	10/13/2011 15:41	0.035
28620	0.035	0.035	0.036	0.037	15:42:16	10/13/2011 15:42	0.037
28680	0.034	0.034	0.035	0.036	15:43:16	10/13/2011 15:43	0.036
28740	0.033	0.034	0.034	0.035	15:44:16	10/13/2011 15:44	0.035
28800	0.034	0.034	0.035	0.035	15:45:16	10/13/2011 15:45	0.035
28860	0.034	0.035	0.035	0.036	15:46:16	10/13/2011 15:46	0.037
28920	0.034	0.035	0.035	0.036	15:47:16	10/13/2011 15:47	0.036
28980	0.033	0.034	0.034	0.034	15:48:16	10/13/2011 15:48	0.034
29040	0.034	0.034	0.035	0.035	15:49:16	10/13/2011 15:49	0.035
29100	0.034	0.035	0.035	0.036	15:50:16	10/13/2011 15:50	0.036
29160	0.035	0.035	0.035	0.036	15:51:16	10/13/2011 15:51	0.036
29220	0.036	0.037	0.037	0.038	15:52:16	10/13/2011 15:52	0.039
29280	0.038	0.039	0.04	0.044	15:53:16	10/13/2011 15:53	0.052
29340	0.034	0.034	0.035	0.035	15:54:16	10/13/2011 15:54	0.035
29400	0.034	0.034	0.035	0.036	15:55:16	10/13/2011 15:55	0.036
29460	0.034	0.035	0.035	0.036	15:56:16	10/13/2011 15:56	0.036
29520	0.034	0.034	0.035	0.035	15:57:16	10/13/2011 15:57	0.035
29580	0.034	0.034	0.034	0.035	15:58:16	10/13/2011 15:58	0.035
29640	0.032	0.033	0.033	0.033	15:59:16	10/13/2011 15:59	0.033
29700	0.031	0.032	0.032	0.032	16:00:16	10/13/2011 16:00	0.032
29760	0.032	0.032	0.033	0.033	16:01:16	10/13/2011 16:01	0.033
29820	0.032	0.032	0.033	0.033	16:02:16	10/13/2011 16:02	0.033
29880	0.033	0.034	0.034	0.035	16:03:16	10/13/2011 16:03	0.035
29940	0.033	0.033	0.033	0.034	16:04:16	10/13/2011 16:04	0.034
30000	0.033	0.034	0.034	0.034	16:05:16	10/13/2011 16:05	0.034
30060	0.034	0.034	0.034	0.035	16:06:16	10/13/2011 16:06	0.035
30120	0.033	0.033	0.034	0.034	16:07:16	10/13/2011 16:07	0.034
30180	0.032	0.032	0.033	0.033	16:08:16	10/13/2011 16:08	0.033
30240	0.031	0.032	0.032	0.032	16:09:16	10/13/2011 16:09	0.032
30300	0.031	0.031	0.031	0.032	16:10:16	10/13/2011 16:10	0.032
30360	0.031	0.031	0.032	0.032	16:11:16	10/13/2011 16:11	0.032
30420	0.031	0.031	0.032	0.032	16:12:16	10/13/2011 16:12	0.033
30480	0.031	0.031	0.031	0.032	16:13:16	10/13/2011 16:13	0.032
30540	0.031	0.031	0.032	0.032	16:14:16	10/13/2011 16:14	0.032
30600	0.031	0.031	0.031	0.032	16:15:16	10/13/2011 16:15	0.032
30660	0.03	0.031	0.031	0.032	16:16:16	10/13/2011 16:16	0.032
30720	0.03	0.03	0.031	0.031	16:17:16	10/13/2011 16:17	0.031
30780	0.029	0.03	0.03	0.03	16:18:16	10/13/2011 16:18	0.03
30840	0.03	0.03	0.031	0.031	16:19:16	10/13/2011 16:19	0.031
30900	0.031	0.032	0.032	0.033	16:20:16	10/13/2011 16:20	0.033

30960	0.03	0.031	0.031	0.032	16:21:16	10/13/2011	16:21	0.032
31020	0.031	0.031	0.032	0.032	16:22:16	10/13/2011	16:22	0.032
31080	0.047	0.047	0.048	0.05	16:23:16	10/13/2011	16:23	0.051
31140	0.037	0.037	0.038	0.039	16:24:16	10/13/2011	16:24	0.039
31200	0.031	0.031	0.032	0.032	16:25:16	10/13/2011	16:25	0.032

Client: National Grid
Location: Metropolitan - Law's
Date: 10/17/11 - 10/18/11
Field Personnel: J. Ehren

Project: metropolitan
Project Number: 60137361
Weather: $\sim 55^{\circ}\text{F}$, clear, breezy
Ambient Noise: $\sim 75 \text{ dB}$

Community Air Monitoring Plan / Noise Field Log

Time	Upwind PID	Upwind Dust Trak	Work Area PID	Downwind PID	Downwind Dust Trak	dB Readings ¹	Comments
2340	0.8	0.024	0.0	0.0	0.029	91.1	Setting up on SB-21
2353	0.6	0.022	0.0	0.1	0.026	91.4	Drilling SB-21
0010	0.5	0.023	0.0	0.1	0.028	94.6	"
0024	0.4	0.029	0.0	0.2	0.029	96.0	"
0037	0.4	0.021	0.0	0.2	0.027	93.5	"
0055	0.4	0.023	0.0	0.2	0.026	95.4	"
0108	0.4	0.028	0.0	0.2	0.027	93.9	"
0130	0.5	0.023	0.0	0.2	0.025	95.4	"
0146	0.7	0.055	0.0	0.2	0.029	92.3	"
0202	0.6	0.025	0.0	0.3	0.033	94.8	"
0216	0.8	0.028	0.2	0.2	0.028	95.8	"
0230	0.8	0.026	0.1	0.3	0.026	94.5	"
0243	0.7	0.024	0.1	0.3	0.024	96.2	"
0259	0.8	0.022	0.1	0.3	0.023	96.2	"
0315	0.8	0.033	0.1	0.3	0.040	94.5	"
0328	0.7	0.029	0.1	0.3	0.026	96.5	"
0343	0.6	0.027	0.1	0.3	0.028	92.0	"
0404	0.7	0.029	0.1	0.3	0.028	88.0	Finish drilling SB-21

=====Event #45 information (begin)=====

[Event #45 name:]-[Event #45]2011-10-17 23:43<-->2011-10-18 04:41
[Event start time:]-2011-10-17 23:43:37[Event end time:]-2011-10-18 04:41:37

=====Event #45 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-904624

Data Points: 298 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====Sensor Information : PID-Min(ppm)PID-Avg(ppm)PID-Max(ppm)=====

Measurement Gas : Isobutene

Calibration Time : 2011-10-17 21:53:002011-10-17 21:53:002011-10-17 21:53:00

Drift Value : --- ---

Low Alarm Levels : 21.738 21.738 21.738

High Alarm Levels : 43.476 43.476 43.476

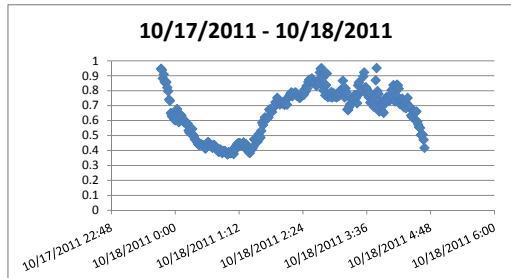
Span Value : 100.000 100.000 100.000

Correction Factor : 1.00 1.00 1.00

Over Alarm Levels : 15000.000 15000.000 15000.000

=====Event #45 data informations=====

LINE#	Date/Time	PID-Max(ppm)	PID-Min(ppm)	PID-Avg(ppm)
1	10/17/2011 23:44	0.947	0.22	0.89
2	10/17/2011 23:45	0.938	0.874	0.905
3	10/17/2011 23:46	0.883	0.813	0.849
4	10/17/2011 23:47	0.909	0.808	0.855
5	10/17/2011 23:48	0.861	0.813	0.835
6	10/17/2011 23:49	0.852	0.803	0.825
7	10/17/2011 23:50	0.859	0.776	0.813
8	10/17/2011 23:51	0.821	0.767	0.793
9	10/17/2011 23:52	0.797	0.741	0.773
10	10/17/2011 23:53	0.741	0.686	0.711
11	10/17/2011 23:54	0.733	0.632	0.689
12	10/17/2011 23:55	0.651	0.602	0.634
13	10/17/2011 23:56	0.634	0.605	0.619
14	10/17/2011 23:57	0.624	0.571	0.595
15	10/17/2011 23:58	0.627	0.553	0.595
16	10/17/2011 23:59	0.608	0.522	0.562
17	10/18/2011 0:00	0.602	0.511	0.534
18	10/18/2011 0:01	0.622	0.507	0.546
19	10/18/2011 0:02	0.678	0.531	0.588
20	10/18/2011 0:03	0.648	0.493	0.551
21	10/18/2011 0:04	0.59	0.487	0.523
22	10/18/2011 0:05	0.611	0.517	0.564
23	10/18/2011 0:06	0.639	0.53	0.593
24	10/18/2011 0:07	0.633	0.54	0.596
25	10/18/2011 0:08	0.618	0.535	0.587
26	10/18/2011 0:09	0.596	0.549	0.564
27	10/18/2011 0:10	0.588	0.54	0.563
28	10/18/2011 0:11	0.597	0.524	0.572
29	10/18/2011 0:12	0.581	0.536	0.559
30	10/18/2011 0:13	0.575	0.504	0.542
31	10/18/2011 0:14	0.58	0.498	0.528
32	10/18/2011 0:15	0.534	0.484	0.509
33	10/18/2011 0:16	0.52	0.464	0.5
34	10/18/2011 0:17	0.546	0.469	0.503
35	10/18/2011 0:18	0.513	0.479	0.495
36	10/18/2011 0:19	0.545	0.46	0.499
37	10/18/2011 0:20	0.507	0.453	0.48
38	10/18/2011 0:21	0.495	0.452	0.475
39	10/18/2011 0:22	0.476	0.454	0.464
40	10/18/2011 0:23	0.471	0.43	0.453
41	10/18/2011 0:24	0.468	0.43	0.445
42	10/18/2011 0:25	0.453	0.409	0.431
43	10/18/2011 0:26	0.442	0.404	0.425
44	10/18/2011 0:27	0.435	0.405	0.42
45	10/18/2011 0:28	0.442	0.378	0.415
46	10/18/2011 0:29	0.443	0.387	0.422
47	10/18/2011 0:30	0.438	0.406	0.423
48	10/18/2011 0:31	0.436	0.393	0.411



49	10/18/2011 0:32	0.434	0.387	0.41
50	10/18/2011 0:33	0.426	0.388	0.402
51	10/18/2011 0:34	0.413	0.381	0.401
52	10/18/2011 0:35	0.421	0.396	0.407
53	10/18/2011 0:36	0.448	0.367	0.415
54	10/18/2011 0:37	0.457	0.425	0.438
55	10/18/2011 0:38	0.451	0.413	0.431
56	10/18/2011 0:39	0.436	0.412	0.422
57	10/18/2011 0:40	0.437	0.335	0.388
58	10/18/2011 0:41	0.424	0.355	0.406
59	10/18/2011 0:42	0.418	0.329	0.379
60	10/18/2011 0:43	0.438	0.325	0.386
61	10/18/2011 0:44	0.438	0.305	0.356
62	10/18/2011 0:45	0.427	0.323	0.365
63	10/18/2011 0:46	0.415	0.303	0.373
64	10/18/2011 0:47	0.411	0.302	0.366
65	10/18/2011 0:48	0.403	0.304	0.364
66	10/18/2011 0:49	0.39	0.301	0.354
67	10/18/2011 0:50	0.407	0.329	0.374
68	10/18/2011 0:51	0.407	0.348	0.384
69	10/18/2011 0:52	0.391	0.302	0.36
70	10/18/2011 0:53	0.383	0.294	0.337
71	10/18/2011 0:54	0.397	0.294	0.362
72	10/18/2011 0:55	0.392	0.283	0.337
73	10/18/2011 0:56	0.397	0.287	0.34
74	10/18/2011 0:57	0.385	0.285	0.337
75	10/18/2011 0:58	0.382	0.294	0.337
76	10/18/2011 0:59	0.373	0.279	0.319
77	10/18/2011 1:00	0.39	0.284	0.332
78	10/18/2011 1:01	0.384	0.297	0.335
79	10/18/2011 1:02	0.382	0.296	0.34
80	10/18/2011 1:03	0.385	0.3	0.346
81	10/18/2011 1:04	0.385	0.298	0.343
82	10/18/2011 1:05	0.385	0.287	0.344
83	10/18/2011 1:06	0.377	0.314	0.362
84	10/18/2011 1:07	0.42	0.302	0.352
85	10/18/2011 1:08	0.406	0.299	0.348
86	10/18/2011 1:09	0.434	0.33	0.372
87	10/18/2011 1:10	0.444	0.339	0.39
88	10/18/2011 1:11	0.45	0.34	0.401
89	10/18/2011 1:12	0.451	0.331	0.388
90	10/18/2011 1:13	0.448	0.338	0.389
91	10/18/2011 1:14	0.433	0.351	0.389
92	10/18/2011 1:15	0.436	0.343	0.386
93	10/18/2011 1:16	0.445	0.327	0.367
94	10/18/2011 1:17	0.455	0.349	0.39
95	10/18/2011 1:18	0.428	0.337	0.384
96	10/18/2011 1:19	0.414	0.328	0.366
97	10/18/2011 1:20	0.442	0.32	0.377
98	10/18/2011 1:21	0.424	0.341	0.385
99	10/18/2011 1:22	0.409	0.319	0.367
100	10/18/2011 1:23	0.389	0.314	0.356
101	10/18/2011 1:24	0.383	0.298	0.342
102	10/18/2011 1:25	0.401	0.302	0.355
103	10/18/2011 1:26	0.406	0.321	0.365
104	10/18/2011 1:27	0.414	0.312	0.363
105	10/18/2011 1:28	0.426	0.321	0.375
106	10/18/2011 1:29	0.475	0.36	0.412
107	10/18/2011 1:30	0.472	0.368	0.411
108	10/18/2011 1:31	0.464	0.365	0.406
109	10/18/2011 1:32	0.455	0.36	0.411
110	10/18/2011 1:33	0.464	0.369	0.413
111	10/18/2011 1:34	0.51	0.376	0.443
112	10/18/2011 1:35	0.488	0.397	0.438
113	10/18/2011 1:36	0.487	0.382	0.44
114	10/18/2011 1:37	0.532	0.43	0.493
115	10/18/2011 1:38	0.587	0.422	0.51
116	10/18/2011 1:39	0.571	0.464	0.527
117	10/18/2011 1:40	0.601	0.465	0.534

118	10/18/2011 1:41	0.622	0.543	0.58
119	10/18/2011 1:42	0.615	0.51	0.56
120	10/18/2011 1:43	0.61	0.514	0.556
121	10/18/2011 1:44	0.618	0.51	0.563
122	10/18/2011 1:45	0.622	0.506	0.571
123	10/18/2011 1:46	0.675	0.528	0.603
124	10/18/2011 1:47	0.665	0.558	0.601
125	10/18/2011 1:48	0.673	0.563	0.63
126	10/18/2011 1:49	0.658	0.533	0.595
127	10/18/2011 1:50	0.682	0.54	0.61
128	10/18/2011 1:51	0.693	0.554	0.609
129	10/18/2011 1:52	0.702	0.579	0.626
130	10/18/2011 1:53	0.724	0.617	0.675
131	10/18/2011 1:54	0.722	0.602	0.653
132	10/18/2011 1:55	0.753	0.631	0.685
133	10/18/2011 1:56	0.745	0.638	0.685
134	10/18/2011 1:57	0.736	0.585	0.66
135	10/18/2011 1:58	0.707	0.581	0.649
136	10/18/2011 1:59	0.721	0.633	0.674
137	10/18/2011 2:00	0.721	0.591	0.652
138	10/18/2011 2:01	0.715	0.58	0.644
139	10/18/2011 2:02	0.725	0.597	0.64
140	10/18/2011 2:03	0.706	0.58	0.639
141	10/18/2011 2:04	0.717	0.584	0.656
142	10/18/2011 2:05	0.709	0.606	0.639
143	10/18/2011 2:06	0.707	0.591	0.654
144	10/18/2011 2:07	0.755	0.636	0.712
145	10/18/2011 2:08	0.756	0.653	0.726
146	10/18/2011 2:09	0.769	0.637	0.694
147	10/18/2011 2:10	0.783	0.652	0.746
148	10/18/2011 2:11	0.789	0.651	0.691
149	10/18/2011 2:12	0.763	0.66	0.704
150	10/18/2011 2:13	0.777	0.668	0.742
151	10/18/2011 2:14	0.78	0.662	0.73
152	10/18/2011 2:15	0.788	0.63	0.716
153	10/18/2011 2:16	0.788	0.659	0.708
154	10/18/2011 2:17	0.767	0.656	0.713
155	10/18/2011 2:18	0.769	0.648	0.712
156	10/18/2011 2:19	0.766	0.623	0.677
157	10/18/2011 2:20	0.752	0.624	0.683
158	10/18/2011 2:21	0.754	0.647	0.716
159	10/18/2011 2:22	0.772	0.648	0.694
160	10/18/2011 2:23	0.778	0.653	0.707
161	10/18/2011 2:24	0.794	0.675	0.741
162	10/18/2011 2:25	0.773	0.654	0.7
163	10/18/2011 2:26	0.809	0.683	0.745
164	10/18/2011 2:27	0.794	0.698	0.754
165	10/18/2011 2:28	0.832	0.709	0.771
166	10/18/2011 2:29	0.816	0.71	0.754
167	10/18/2011 2:30	0.86	0.713	0.785
168	10/18/2011 2:31	0.874	0.749	0.808
169	10/18/2011 2:32	0.86	0.744	0.802
170	10/18/2011 2:33	0.865	0.728	0.784
171	10/18/2011 2:34	0.883	0.748	0.794
172	10/18/2011 2:35	0.855	0.708	0.797
173	10/18/2011 2:36	0.853	0.718	0.763
174	10/18/2011 2:37	0.857	0.704	0.798
175	10/18/2011 2:38	0.848	0.699	0.772
176	10/18/2011 2:39	0.834	0.692	0.737
177	10/18/2011 2:40	0.837	0.703	0.783
178	10/18/2011 2:41	0.869	0.743	0.814
179	10/18/2011 2:42	0.852	0.725	0.786
180	10/18/2011 2:43	0.922	0.803	0.866
181	10/18/2011 2:44	0.947	0.799	0.851
182	10/18/2011 2:45	0.951	0.786	0.857
183	10/18/2011 2:46	0.884	0.664	0.762
184	10/18/2011 2:47	0.803	0.675	0.753
185	10/18/2011 2:48	0.824	0.672	0.754
186	10/18/2011 2:49	0.77	0.655	0.697

187	10/18/2011 2:50	0.838	0.636	0.675
188	10/18/2011 2:51	0.915	0.682	0.769
189	10/18/2011 2:52	0.758	0.619	0.706
190	10/18/2011 2:53	0.762	0.636	0.686
191	10/18/2011 2:54	0.779	0.634	0.698
192	10/18/2011 2:55	0.76	0.643	0.689
193	10/18/2011 2:56	0.792	0.64	0.712
194	10/18/2011 2:57	0.755	0.607	0.677
195	10/18/2011 2:58	0.779	0.655	0.72
196	10/18/2011 2:59	0.782	0.662	0.695
197	10/18/2011 3:00	0.762	0.655	0.711
198	10/18/2011 3:01	0.759	0.621	0.676
199	10/18/2011 3:02	0.755	0.64	0.685
200	10/18/2011 3:03	0.781	0.638	0.729
201	10/18/2011 3:04	0.767	0.66	0.706
202	10/18/2011 3:05	0.768	0.645	0.714
203	10/18/2011 3:06	0.783	0.662	0.705
204	10/18/2011 3:07	0.808	0.675	0.749
205	10/18/2011 3:08	0.803	0.643	0.707
206	10/18/2011 3:09	0.867	0.701	0.798
207	10/18/2011 3:10	0.79	0.665	0.712
208	10/18/2011 3:11	0.755	0.68	0.713
209	10/18/2011 3:12	0.816	0.663	0.734
210	10/18/2011 3:13	0.79	0.631	0.704
211	10/18/2011 3:14	0.675	0.565	0.608
212	10/18/2011 3:15	0.671	0.573	0.621
213	10/18/2011 3:16	0.69	0.58	0.628
214	10/18/2011 3:17	0.71	0.6	0.672
215	10/18/2011 3:18	0.748	0.623	0.696
216	10/18/2011 3:19	0.715	0.593	0.649
217	10/18/2011 3:20	0.721	0.615	0.669
218	10/18/2011 3:21	0.744	0.615	0.657
219	10/18/2011 3:22	0.77	0.642	0.714
220	10/18/2011 3:23	0.77	0.624	0.705
221	10/18/2011 3:24	0.753	0.601	0.661
222	10/18/2011 3:25	0.717	0.613	0.666
223	10/18/2011 3:26	0.836	0.62	0.699
224	10/18/2011 3:27	0.855	0.707	0.766
225	10/18/2011 3:28	0.782	0.643	0.712
226	10/18/2011 3:29	0.795	0.644	0.715
227	10/18/2011 3:30	0.799	0.642	0.706
228	10/18/2011 3:31	0.805	0.661	0.714
229	10/18/2011 3:32	0.896	0.73	0.821
230	10/18/2011 3:33	0.923	0.671	0.753
231	10/18/2011 3:34	0.821	0.673	0.732
232	10/18/2011 3:35	0.823	0.711	0.774
233	10/18/2011 3:36	0.81	0.684	0.735
234	10/18/2011 3:37	0.773	0.644	0.718
235	10/18/2011 3:38	0.759	0.639	0.687
236	10/18/2011 3:39	0.787	0.668	0.746
237	10/18/2011 3:40	0.721	0.625	0.67
238	10/18/2011 3:41	0.726	0.604	0.673
239	10/18/2011 3:42	0.73	0.61	0.673
240	10/18/2011 3:43	0.714	0.606	0.652
241	10/18/2011 3:44	0.692	0.585	0.629
242	10/18/2011 3:45	0.76	0.649	0.686
243	10/18/2011 3:46	0.87	0.659	0.74
244	10/18/2011 3:47	0.952	0.781	0.849
245	10/18/2011 3:48	0.799	0.689	0.762
246	10/18/2011 3:49	0.779	0.607	0.701
247	10/18/2011 3:50	0.661	0.6	0.642
248	10/18/2011 3:51	0.722	0.632	0.68
249	10/18/2011 3:52	0.728	0.592	0.674
250	10/18/2011 3:53	0.703	0.592	0.634
251	10/18/2011 3:54	0.66	0.556	0.632
252	10/18/2011 3:55	0.652	0.556	0.616
253	10/18/2011 3:56	0.71	0.59	0.648
254	10/18/2011 3:57	0.732	0.613	0.661
255	10/18/2011 3:58	0.757	0.652	0.705

256	10/18/2011 3:59	0.742	0.642	0.671
257	10/18/2011 4:00	0.757	0.643	0.681
258	10/18/2011 4:01	0.755	0.636	0.681
259	10/18/2011 4:02	0.736	0.595	0.656
260	10/18/2011 4:03	0.766	0.633	0.718
261	10/18/2011 4:04	0.805	0.661	0.718
262	10/18/2011 4:05	0.797	0.686	0.76
263	10/18/2011 4:06	0.838	0.61	0.734
264	10/18/2011 4:07	0.733	0.603	0.657
265	10/18/2011 4:08	0.729	0.639	0.698
266	10/18/2011 4:09	0.771	0.674	0.707
267	10/18/2011 4:10	0.841	0.63	0.718
268	10/18/2011 4:11	0.835	0.669	0.719
269	10/18/2011 4:12	0.814	0.66	0.736
270	10/18/2011 4:13	0.713	0.588	0.632
271	10/18/2011 4:14	0.735	0.621	0.672
272	10/18/2011 4:15	0.728	0.617	0.658
273	10/18/2011 4:16	0.747	0.64	0.705
274	10/18/2011 4:17	0.718	0.595	0.665
275	10/18/2011 4:18	0.689	0.598	0.652
276	10/18/2011 4:19	0.726	0.602	0.658
277	10/18/2011 4:20	0.684	0.575	0.627
278	10/18/2011 4:21	0.716	0.679	0.69
279	10/18/2011 4:22	0.752	0.644	0.692
280	10/18/2011 4:23	0.697	0.576	0.614
281	10/18/2011 4:24	0.689	0.575	0.644
282	10/18/2011 4:25	0.691	0.598	0.651
283	10/18/2011 4:26	0.635	0.58	0.61
284	10/18/2011 4:27	0.625	0.471	0.545
285	10/18/2011 4:28	0.669	0.544	0.586
286	10/18/2011 4:29	0.613	0.507	0.565
287	10/18/2011 4:30	0.657	0.503	0.575
288	10/18/2011 4:31	0.656	0.489	0.574
289	10/18/2011 4:32	0.662	0.51	0.562
290	10/18/2011 4:33	0.594	0.503	0.54
291	10/18/2011 4:34	0.573	0.461	0.525
292	10/18/2011 4:35	0.557	0.446	0.493
293	10/18/2011 4:36	0.551	0.43	0.5
294	10/18/2011 4:37	0.504	0.399	0.428
295	10/18/2011 4:38	0.507	0.391	0.433
296	10/18/2011 4:39	0.506	0.393	0.44
297	10/18/2011 4:40	0.472	0.353	0.409
298	10/18/2011 4:41	0.418	0.304	0.371

=====Event #45 information (end)=====

=====Event #37 information (begin)=====

[Event #37 name:]-[Event #37]2011-10-17 23:58<-->2011-10-18 04:50
[Event start time:]-2011-10-17 23:58:02[Event end time:]-2011-10-18 04:50:02

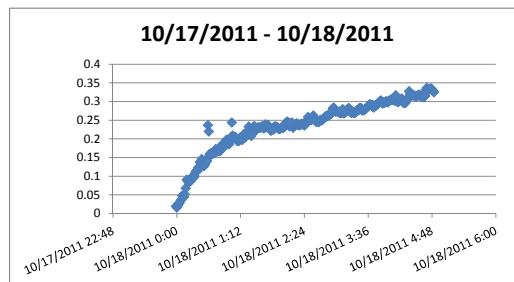
=====Event #37 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905367
Data Points: 292 Sample Period: 60 s Datalog Mode: Automatic
SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

Sensor Information : PID(ppb)
Measurement Gas : Isobutene
Calibration Time : 2011-10-17 22:02:00
Drift Value : --
Low Alarm Levels : 25847
High Alarm Levels : 51694
Span Value : 100000
Correction Factor : 1.00
Over Alarm Levels : 15000000

=====Event #37 data informations=====

LINE#	Date/Time	PID(ppm)	PID(ppb)
1	10/17/2011 23:59	0.02	20
2	10/18/2011 0:00	0.016	16
3	10/18/2011 0:01	0.021	21
4	10/18/2011 0:02	0.026	26
5	10/18/2011 0:03	0.028	28
6	10/18/2011 0:04	0.034	34
7	10/18/2011 0:05	0.037	37
8	10/18/2011 0:06	0.048	48
9	10/18/2011 0:07	0.044	44
10	10/18/2011 0:08	0.045	45
11	10/18/2011 0:09	0.052	52
12	10/18/2011 0:10	0.068	68
13	10/18/2011 0:11	0.091	91
14	10/18/2011 0:12	0.089	89
15	10/18/2011 0:13	0.084	84
16	10/18/2011 0:14	0.085	85
17	10/18/2011 0:15	0.089	89
18	10/18/2011 0:16	0.088	88
19	10/18/2011 0:17	0.098	98
20	10/18/2011 0:18	0.097	97
21	10/18/2011 0:19	0.097	97
22	10/18/2011 0:20	0.1	100
23	10/18/2011 0:21	0.111	111
24	10/18/2011 0:22	0.115	115
25	10/18/2011 0:23	0.114	114
26	10/18/2011 0:24	0.123	123
27	10/18/2011 0:25	0.125	125
28	10/18/2011 0:26	0.138	138
29	10/18/2011 0:27	0.137	137
30	10/18/2011 0:28	0.146	146
31	10/18/2011 0:29	0.13	130
32	10/18/2011 0:30	0.127	127
33	10/18/2011 0:31	0.128	128
34	10/18/2011 0:32	0.133	133
35	10/18/2011 0:33	0.146	146
36	10/18/2011 0:34	0.141	141
37	10/18/2011 0:35	0.237	237
38	10/18/2011 0:36	0.22	220
39	10/18/2011 0:37	0.16	160
40	10/18/2011 0:38	0.161	161
41	10/18/2011 0:39	0.159	159
42	10/18/2011 0:40	0.159	159
43	10/18/2011 0:41	0.163	163
44	10/18/2011 0:42	0.167	167
45	10/18/2011 0:43	0.162	162
46	10/18/2011 0:44	0.173	173
47	10/18/2011 0:45	0.17	170
48	10/18/2011 0:46	0.167	167



49	10/18/2011 0:47	0.17	170
50	10/18/2011 0:48	0.167	167
51	10/18/2011 0:49	0.168	168
52	10/18/2011 0:50	0.178	178
53	10/18/2011 0:51	0.185	185
54	10/18/2011 0:52	0.18	180
55	10/18/2011 0:53	0.185	185
56	10/18/2011 0:54	0.187	187
57	10/18/2011 0:55	0.182	182
58	10/18/2011 0:56	0.198	198
59	10/18/2011 0:57	0.189	189
60	10/18/2011 0:58	0.189	189
61	10/18/2011 0:59	0.186	186
62	10/18/2011 1:00	0.195	195
63	10/18/2011 1:01	0.205	205
64	10/18/2011 1:02	0.244	244
65	10/18/2011 1:03	0.209	209
66	10/18/2011 1:04	0.207	207
67	10/18/2011 1:05	0.203	203
68	10/18/2011 1:06	0.205	205
69	10/18/2011 1:07	0.203	203
70	10/18/2011 1:08	0.195	195
71	10/18/2011 1:09	0.194	194
72	10/18/2011 1:10	0.195	195
73	10/18/2011 1:11	0.203	203
74	10/18/2011 1:12	0.201	201
75	10/18/2011 1:13	0.198	198
76	10/18/2011 1:14	0.198	198
77	10/18/2011 1:15	0.21	210
78	10/18/2011 1:16	0.214	214
79	10/18/2011 1:17	0.204	204
80	10/18/2011 1:18	0.208	208
81	10/18/2011 1:19	0.213	213
82	10/18/2011 1:20	0.211	211
83	10/18/2011 1:21	0.233	233
84	10/18/2011 1:22	0.227	227
85	10/18/2011 1:23	0.215	215
86	10/18/2011 1:24	0.208	208
87	10/18/2011 1:25	0.213	213
88	10/18/2011 1:26	0.226	226
89	10/18/2011 1:27	0.234	234
90	10/18/2011 1:28	0.233	233
91	10/18/2011 1:29	0.224	224
92	10/18/2011 1:30	0.225	225
93	10/18/2011 1:31	0.231	231
94	10/18/2011 1:32	0.23	230
95	10/18/2011 1:33	0.231	231
96	10/18/2011 1:34	0.23	230
97	10/18/2011 1:35	0.231	231
98	10/18/2011 1:36	0.234	234
99	10/18/2011 1:37	0.233	233
100	10/18/2011 1:38	0.228	228
101	10/18/2011 1:39	0.23	230
102	10/18/2011 1:40	0.239	239
103	10/18/2011 1:41	0.236	236
104	10/18/2011 1:42	0.231	231
105	10/18/2011 1:43	0.237	237
106	10/18/2011 1:44	0.23	230
107	10/18/2011 1:45	0.229	229
108	10/18/2011 1:46	0.222	222
109	10/18/2011 1:47	0.226	226
110	10/18/2011 1:48	0.227	227
111	10/18/2011 1:49	0.225	225
112	10/18/2011 1:50	0.233	233
113	10/18/2011 1:51	0.233	233
114	10/18/2011 1:52	0.233	233
115	10/18/2011 1:53	0.231	231
116	10/18/2011 1:54	0.23	230
117	10/18/2011 1:55	0.226	226

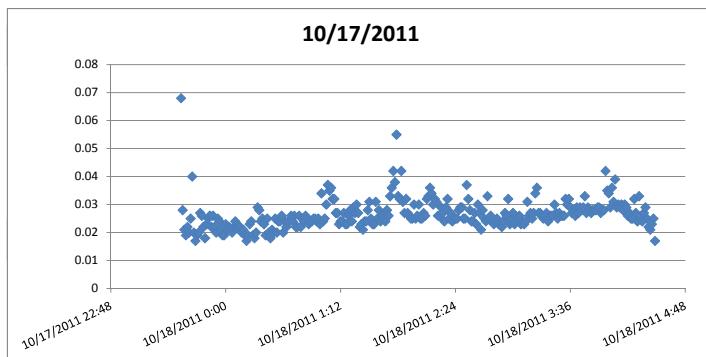
118	10/18/2011 1:56	0.227	227
119	10/18/2011 1:57	0.228	228
120	10/18/2011 1:58	0.231	231
121	10/18/2011 1:59	0.232	232
122	10/18/2011 2:00	0.229	229
123	10/18/2011 2:01	0.232	232
124	10/18/2011 2:02	0.238	238
125	10/18/2011 2:03	0.241	241
126	10/18/2011 2:04	0.246	246
127	10/18/2011 2:05	0.246	246
128	10/18/2011 2:06	0.242	242
129	10/18/2011 2:07	0.234	234
130	10/18/2011 2:08	0.238	238
131	10/18/2011 2:09	0.243	243
132	10/18/2011 2:10	0.244	244
133	10/18/2011 2:11	0.23	230
134	10/18/2011 2:12	0.233	233
135	10/18/2011 2:13	0.236	236
136	10/18/2011 2:14	0.239	239
137	10/18/2011 2:15	0.242	242
138	10/18/2011 2:16	0.238	238
139	10/18/2011 2:17	0.239	239
140	10/18/2011 2:18	0.237	237
141	10/18/2011 2:19	0.237	237
142	10/18/2011 2:20	0.241	241
143	10/18/2011 2:21	0.24	240
144	10/18/2011 2:22	0.239	239
145	10/18/2011 2:23	0.238	238
146	10/18/2011 2:24	0.236	236
147	10/18/2011 2:25	0.24	240
148	10/18/2011 2:26	0.244	244
149	10/18/2011 2:27	0.251	251
150	10/18/2011 2:28	0.259	259
151	10/18/2011 2:29	0.253	253
152	10/18/2011 2:30	0.253	253
153	10/18/2011 2:31	0.251	251
154	10/18/2011 2:32	0.251	251
155	10/18/2011 2:33	0.258	258
156	10/18/2011 2:34	0.263	263
157	10/18/2011 2:35	0.256	256
158	10/18/2011 2:36	0.252	252
159	10/18/2011 2:37	0.246	246
160	10/18/2011 2:38	0.247	247
161	10/18/2011 2:39	0.247	247
162	10/18/2011 2:40	0.245	245
163	10/18/2011 2:41	0.247	247
164	10/18/2011 2:42	0.251	251
165	10/18/2011 2:43	0.25	250
166	10/18/2011 2:44	0.25	250
167	10/18/2011 2:45	0.253	253
168	10/18/2011 2:46	0.256	256
169	10/18/2011 2:47	0.259	259
170	10/18/2011 2:48	0.261	261
171	10/18/2011 2:49	0.261	261
172	10/18/2011 2:50	0.261	261
173	10/18/2011 2:51	0.264	264
174	10/18/2011 2:52	0.264	264
175	10/18/2011 2:53	0.265	265
176	10/18/2011 2:54	0.272	272
177	10/18/2011 2:55	0.275	275
178	10/18/2011 2:56	0.282	282
179	10/18/2011 2:57	0.284	284
180	10/18/2011 2:58	0.28	280
181	10/18/2011 2:59	0.273	273
182	10/18/2011 3:00	0.275	275
183	10/18/2011 3:01	0.273	273
184	10/18/2011 3:02	0.273	273
185	10/18/2011 3:03	0.272	272
186	10/18/2011 3:04	0.269	269

187	10/18/2011 3:05	0.269	269
188	10/18/2011 3:06	0.271	271
189	10/18/2011 3:07	0.28	280
190	10/18/2011 3:08	0.269	269
191	10/18/2011 3:09	0.269	269
192	10/18/2011 3:10	0.271	271
193	10/18/2011 3:11	0.274	274
194	10/18/2011 3:12	0.279	279
195	10/18/2011 3:13	0.281	281
196	10/18/2011 3:14	0.283	283
197	10/18/2011 3:15	0.278	278
198	10/18/2011 3:16	0.271	271
199	10/18/2011 3:17	0.27	270
200	10/18/2011 3:18	0.271	271
201	10/18/2011 3:19	0.272	272
202	10/18/2011 3:20	0.269	269
203	10/18/2011 3:21	0.27	270
204	10/18/2011 3:22	0.273	273
205	10/18/2011 3:23	0.277	277
206	10/18/2011 3:24	0.276	276
207	10/18/2011 3:25	0.277	277
208	10/18/2011 3:26	0.283	283
209	10/18/2011 3:27	0.283	283
210	10/18/2011 3:28	0.282	282
211	10/18/2011 3:29	0.276	276
212	10/18/2011 3:30	0.278	278
213	10/18/2011 3:31	0.277	277
214	10/18/2011 3:32	0.278	278
215	10/18/2011 3:33	0.281	281
216	10/18/2011 3:34	0.285	285
217	10/18/2011 3:35	0.286	286
218	10/18/2011 3:36	0.288	288
219	10/18/2011 3:37	0.291	291
220	10/18/2011 3:38	0.293	293
221	10/18/2011 3:39	0.291	291
222	10/18/2011 3:40	0.29	290
223	10/18/2011 3:41	0.291	291
224	10/18/2011 3:42	0.284	284
225	10/18/2011 3:43	0.287	287
226	10/18/2011 3:44	0.291	291
227	10/18/2011 3:45	0.29	290
228	10/18/2011 3:46	0.292	292
229	10/18/2011 3:47	0.295	295
230	10/18/2011 3:48	0.298	298
231	10/18/2011 3:49	0.301	301
232	10/18/2011 3:50	0.303	303
233	10/18/2011 3:51	0.301	301
234	10/18/2011 3:52	0.295	295
235	10/18/2011 3:53	0.298	298
236	10/18/2011 3:54	0.297	297
237	10/18/2011 3:55	0.298	298
238	10/18/2011 3:56	0.301	301
239	10/18/2011 3:57	0.301	301
240	10/18/2011 3:58	0.298	298
241	10/18/2011 3:59	0.301	301
242	10/18/2011 4:00	0.303	303
243	10/18/2011 4:01	0.304	304
244	10/18/2011 4:02	0.306	306
245	10/18/2011 4:03	0.305	305
246	10/18/2011 4:04	0.305	305
247	10/18/2011 4:05	0.305	305
248	10/18/2011 4:06	0.302	302
249	10/18/2011 4:07	0.317	317
250	10/18/2011 4:08	0.307	307
251	10/18/2011 4:09	0.299	299
252	10/18/2011 4:10	0.299	299
253	10/18/2011 4:11	0.303	303
254	10/18/2011 4:12	0.304	304
255	10/18/2011 4:13	0.307	307

256	10/18/2011 4:14	0.308	308
257	10/18/2011 4:15	0.299	299
258	10/18/2011 4:16	0.296	296
259	10/18/2011 4:17	0.297	297
260	10/18/2011 4:18	0.297	297
261	10/18/2011 4:19	0.304	304
262	10/18/2011 4:20	0.308	308
263	10/18/2011 4:21	0.308	308
264	10/18/2011 4:22	0.328	328
265	10/18/2011 4:23	0.321	321
266	10/18/2011 4:24	0.315	315
267	10/18/2011 4:25	0.317	317
268	10/18/2011 4:26	0.319	319
269	10/18/2011 4:27	0.316	316
270	10/18/2011 4:28	0.316	316
271	10/18/2011 4:29	0.315	315
272	10/18/2011 4:30	0.315	315
273	10/18/2011 4:31	0.315	315
274	10/18/2011 4:32	0.316	316
275	10/18/2011 4:33	0.319	319
276	10/18/2011 4:34	0.318	318
277	10/18/2011 4:35	0.314	314
278	10/18/2011 4:36	0.316	316
279	10/18/2011 4:37	0.315	315
280	10/18/2011 4:38	0.312	312
281	10/18/2011 4:39	0.313	313
282	10/18/2011 4:40	0.315	315
283	10/18/2011 4:41	0.332	332
284	10/18/2011 4:42	0.337	337
285	10/18/2011 4:43	0.333	333
286	10/18/2011 4:44	0.332	332
287	10/18/2011 4:45	0.333	333
288	10/18/2011 4:46	0.335	335
289	10/18/2011 4:47	0.335	335
290	10/18/2011 4:48	0.332	332
291	10/18/2011 4:49	0.329	329
292	10/18/2011 4:50	0.325	325

=====Event #37 information (end)=====

Instrument Name DustTrak DRX
 Model Number 8533
 Serial Number 8533101806
 Firmware Version 2.8
 Calibration Date 5/19/2011
 Test Name MANUAL_010
 Test Start Time 11:31:00 PM
 Test Start Date 10/17/2011
 Test Length [D:H:M] 0:04:58
 Test Interval [M:S] 1:00
 PM1 Average [mg/m³] 0.024
 PM1 Minimum [mg] 0.015
 PM1 Maximum [mg] 0.037
 PM1 TWA [mg/m³] 0.015
 PM2.5 Average [mg] 0.024
 PM2.5 Minimum [n] 0.015
 PM2.5 Maximum [r] 0.037
 PM2.5 TWA [mg/m³] 0.015
 PM4 Average [mg/m³] 0.025
 PM4 Minimum [mg] 0.016
 PM4 Maximum [mg] 0.041
 PM4 TWA [mg/m³] 0.015
 PM10 Average [mg] 0.026
 PM10 Minimum [m] 0.016
 PM10 Maximum [r] 0.053
 PM10 TWA [mg/m³] 0.016
 TOTAL Average [mg] 0.026
 TOTAL Minimum [n] 0.017
 TOTAL Maximum [r] 0.068
 TOTAL TWA [mg/m³] 0.016
 Photometric User C 1
 Size Correction Use 1
 Flow User Cal 1
 Errors
 Number of Samples 298



Elapsed Time [s]	PM1 [mg/m ³]	PM2.5 [mg/m ³]	PM4 [mg/m ³]	PM10 [mg/m ³]	11:31:00 PM	Time/Date	TOTAL [mg/m ³]	Alarms	Errors
60	0.031	0.032	0.034	0.053	11:32:00 PM	10/17/2011 23:32	0.068		
120	0.019	0.02	0.02	0.024	11:33:00 PM	10/17/2011 23:33	0.028		
180	0.018	0.019	0.019	0.02	11:34:00 PM	10/17/2011 23:34	0.021		
240	0.017	0.017	0.017	0.018	11:35:00 PM	10/17/2011 23:35	0.019		
300	0.021	0.021	0.021	0.022	11:36:00 PM	10/17/2011 23:36	0.022		
360	0.019	0.019	0.02	0.02	11:37:00 PM	10/17/2011 23:37	0.02		
420	0.022	0.023	0.023	0.024	11:38:00 PM	10/17/2011 23:38	0.025		
480	0.023	0.024	0.025	0.034	11:39:00 PM	10/17/2011 23:39	0.04		
540	0.017	0.018	0.018	0.02	11:40:00 PM	10/17/2011 23:40	0.02		
600	0.015	0.015	0.016	0.016	11:41:00 PM	10/17/2011 23:41	0.017		
660	0.018	0.018	0.019	0.019	11:42:00 PM	10/17/2011 23:42	0.019		
720	0.018	0.018	0.019	0.02	11:43:00 PM	10/17/2011 23:43	0.02		
780	0.025	0.026	0.026	0.027	11:44:00 PM	10/17/2011 23:44	0.027		
840	0.025	0.025	0.025	0.026	11:45:00 PM	10/17/2011 23:45	0.026		
900	0.02	0.02	0.021	0.022	11:46:00 PM	10/17/2011 23:46	0.022		
960	0.016	0.016	0.017	0.018	11:47:00 PM	10/17/2011 23:47	0.018		
1020	0.02	0.02	0.02	0.021	11:48:00 PM	10/17/2011 23:48	0.023		
1080	0.023	0.023	0.023	0.025	11:49:00 PM	10/17/2011 23:49	0.025		
1140	0.024	0.024	0.024	0.025	11:50:00 PM	10/17/2011 23:50	0.026		
1200	0.02	0.02	0.021	0.022	11:51:00 PM	10/17/2011 23:51	0.022		
1260	0.023	0.023	0.024	0.024	11:52:00 PM	10/17/2011 23:52	0.026		
1320	0.02	0.02	0.02	0.022	11:53:00 PM	10/17/2011 23:53	0.022		
1380	0.019	0.019	0.02	0.02	11:54:00 PM	10/17/2011 23:54	0.02		
1440	0.023	0.023	0.023	0.024	11:55:00 PM	10/17/2011 23:55	0.025		
1500	0.022	0.023	0.023	0.024	11:56:00 PM	10/17/2011 23:56	0.024		
1560	0.018	0.019	0.019	0.02	11:57:00 PM	10/17/2011 23:57	0.021		
1620	0.017	0.018	0.018	0.019	11:58:00 PM	10/17/2011 23:58	0.019		
1680	0.018	0.018	0.018	0.019	11:59:00 PM	10/17/2011 23:59	0.019		
1740	0.021	0.021	0.022	0.023	12:00:00 AM	10/18/2011 0:00	0.023		
1800	0.02	0.02	0.02	0.021	12:01:00 AM	10/18/2011 0:01	0.021		
1860	0.021	0.021	0.021	0.022	12:02:00 AM	10/18/2011 0:02	0.022		
1920	0.018	0.018	0.019	0.02	12:03:00 AM	10/18/2011 0:03	0.021		

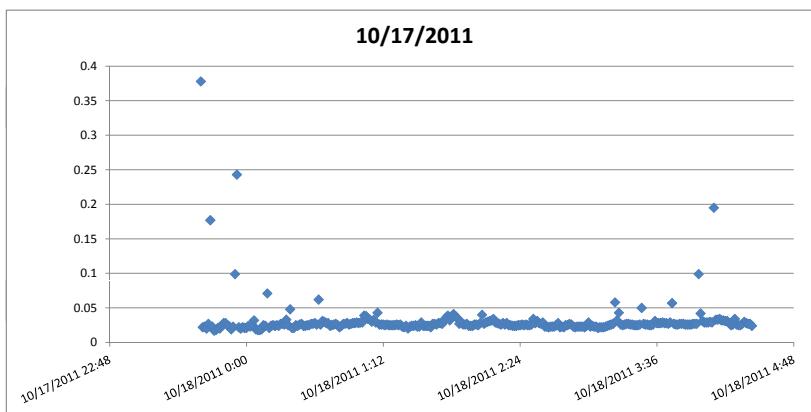
1980	0.018	0.018	0.019	0.02	12:04:00 AM	10/18/2011 0:04	0.02
2040	0.021	0.021	0.021	0.022	12:05:00 AM	10/18/2011 0:05	0.022
2100	0.022	0.022	0.023	0.024	12:06:00 AM	10/18/2011 0:06	0.024
2160	0.02	0.021	0.021	0.022	12:07:00 AM	10/18/2011 0:07	0.022
2220	0.021	0.021	0.021	0.022	12:08:00 AM	10/18/2011 0:08	0.022
2280	0.019	0.019	0.02	0.021	12:09:00 AM	10/18/2011 0:09	0.022
2340	0.018	0.018	0.019	0.02	12:10:00 AM	10/18/2011 0:10	0.02
2400	0.019	0.02	0.02	0.021	12:11:00 AM	10/18/2011 0:11	0.021
2460	0.016	0.017	0.017	0.019	12:12:00 AM	10/18/2011 0:12	0.019
2520	0.015	0.016	0.016	0.017	12:13:00 AM	10/18/2011 0:13	0.017
2580	0.017	0.018	0.018	0.019	12:14:00 AM	10/18/2011 0:14	0.019
2640	0.02	0.021	0.021	0.022	12:15:00 AM	10/18/2011 0:15	0.023
2700	0.021	0.021	0.021	0.022	12:16:00 AM	10/18/2011 0:16	0.024
2760	0.016	0.017	0.017	0.019	12:17:00 AM	10/18/2011 0:17	0.019
2820	0.016	0.016	0.017	0.017	12:18:00 AM	10/18/2011 0:18	0.018
2880	0.017	0.017	0.018	0.019	12:19:00 AM	10/18/2011 0:19	0.02
2940	0.027	0.027	0.027	0.029	12:20:00 AM	10/18/2011 0:20	0.029
3000	0.026	0.026	0.026	0.028	12:21:00 AM	10/18/2011 0:21	0.028
3060	0.022	0.022	0.023	0.024	12:22:00 AM	10/18/2011 0:22	0.024
3120	0.022	0.022	0.023	0.025	12:23:00 AM	10/18/2011 0:23	0.025
3180	0.021	0.021	0.021	0.023	12:24:00 AM	10/18/2011 0:24	0.023
3240	0.018	0.018	0.019	0.019	12:25:00 AM	10/18/2011 0:25	0.019
3300	0.023	0.023	0.023	0.025	12:26:00 AM	10/18/2011 0:26	0.025
3360	0.019	0.019	0.02	0.02	12:27:00 AM	10/18/2011 0:27	0.02
3420	0.017	0.018	0.018	0.018	12:28:00 AM	10/18/2011 0:28	0.018
3480	0.019	0.019	0.02	0.021	12:29:00 AM	10/18/2011 0:29	0.021
3540	0.018	0.018	0.019	0.02	12:30:00 AM	10/18/2011 0:30	0.02
3600	0.023	0.024	0.024	0.025	12:31:00 AM	10/18/2011 0:31	0.025
3660	0.019	0.019	0.02	0.02	12:32:00 AM	10/18/2011 0:32	0.02
3720	0.023	0.023	0.024	0.024	12:33:00 AM	10/18/2011 0:33	0.024
3780	0.022	0.022	0.023	0.024	12:34:00 AM	10/18/2011 0:34	0.024
3840	0.024	0.024	0.025	0.026	12:35:00 AM	10/18/2011 0:35	0.026
3900	0.018	0.019	0.019	0.02	12:36:00 AM	10/18/2011 0:36	0.02
3960	0.02	0.02	0.02	0.023	12:37:00 AM	10/18/2011 0:37	0.024
4020	0.02	0.02	0.021	0.022	12:38:00 AM	10/18/2011 0:38	0.022
4080	0.021	0.022	0.022	0.024	12:39:00 AM	10/18/2011 0:39	0.024
4140	0.021	0.022	0.022	0.023	12:40:00 AM	10/18/2011 0:40	0.024
4200	0.023	0.023	0.024	0.026	12:41:00 AM	10/18/2011 0:41	0.026
4260	0.022	0.022	0.023	0.024	12:42:00 AM	10/18/2011 0:42	0.024
4320	0.023	0.023	0.024	0.025	12:43:00 AM	10/18/2011 0:43	0.026
4380	0.02	0.02	0.021	0.022	12:44:00 AM	10/18/2011 0:44	0.022
4440	0.02	0.02	0.021	0.022	12:45:00 AM	10/18/2011 0:45	0.022
4500	0.024	0.024	0.025	0.026	12:46:00 AM	10/18/2011 0:46	0.026
4560	0.02	0.02	0.02	0.021	12:47:00 AM	10/18/2011 0:47	0.022
4620	0.022	0.022	0.023	0.024	12:48:00 AM	10/18/2011 0:48	0.025
4680	0.021	0.021	0.022	0.023	12:49:00 AM	10/18/2011 0:49	0.024
4740	0.023	0.023	0.024	0.026	12:50:00 AM	10/18/2011 0:50	0.026
4800	0.022	0.023	0.023	0.025	12:51:00 AM	10/18/2011 0:51	0.025
4860	0.02	0.02	0.021	0.022	12:52:00 AM	10/18/2011 0:52	0.023
4920	0.022	0.022	0.022	0.024	12:53:00 AM	10/18/2011 0:53	0.024
4980	0.021	0.021	0.022	0.024	12:54:00 AM	10/18/2011 0:54	0.024
5040	0.023	0.024	0.024	0.025	12:55:00 AM	10/18/2011 0:55	0.025
5100	0.024	0.024	0.024	0.025	12:56:00 AM	10/18/2011 0:56	0.025
5160	0.022	0.022	0.022	0.023	12:57:00 AM	10/18/2011 0:57	0.024
5220	0.023	0.023	0.024	0.025	12:58:00 AM	10/18/2011 0:58	0.025
5280	0.02	0.02	0.021	0.022	12:59:00 AM	10/18/2011 0:59	0.023
5340	0.031	0.031	0.032	0.033	1:00:00 AM	10/18/2011 1:00	0.034
5400	0.021	0.022	0.022	0.024	1:01:00 AM	10/18/2011 1:01	0.024
5460	0.022	0.023	0.023	0.025	1:02:00 AM	10/18/2011 1:02	0.025
5520	0.027	0.028	0.028	0.03	1:03:00 AM	10/18/2011 1:03	0.03
5580	0.034	0.035	0.035	0.037	1:04:00 AM	10/18/2011 1:04	0.037
5640	0.032	0.033	0.033	0.035	1:05:00 AM	10/18/2011 1:05	0.035
5700	0.033	0.033	0.034	0.036	1:06:00 AM	10/18/2011 1:06	0.036
5760	0.029	0.029	0.03	0.032	1:07:00 AM	10/18/2011 1:07	0.032
5820	0.029	0.029	0.03	0.031	1:08:00 AM	10/18/2011 1:08	0.032
5880	0.024	0.024	0.025	0.027	1:09:00 AM	10/18/2011 1:09	0.027
5940	0.023	0.023	0.024	0.026	1:10:00 AM	10/18/2011 1:10	0.027
6000	0.02	0.021	0.021	0.023	1:11:00 AM	10/18/2011 1:11	0.023
6060	0.021	0.021	0.022	0.023	1:12:00 AM	10/18/2011 1:12	0.024

6120	0.022	0.022	0.023	0.024	1:13:00 AM	10/18/2011 1:13	0.024
6180	0.024	0.024	0.025	0.026	1:14:00 AM	10/18/2011 1:14	0.027
6240	0.02	0.021	0.021	0.023	1:15:00 AM	10/18/2011 1:15	0.023
6300	0.021	0.021	0.022	0.023	1:16:00 AM	10/18/2011 1:16	0.023
6360	0.023	0.024	0.024	0.026	1:17:00 AM	10/18/2011 1:17	0.026
6420	0.026	0.026	0.027	0.028	1:18:00 AM	10/18/2011 1:18	0.028
6480	0.022	0.023	0.023	0.024	1:19:00 AM	10/18/2011 1:19	0.024
6540	0.026	0.026	0.027	0.028	1:20:00 AM	10/18/2011 1:20	0.029
6600	0.025	0.025	0.026	0.027	1:21:00 AM	10/18/2011 1:21	0.027
6660	0.028	0.029	0.029	0.03	1:22:00 AM	10/18/2011 1:22	0.03
6720	0.024	0.025	0.025	0.026	1:23:00 AM	10/18/2011 1:23	0.027
6780	0.02	0.021	0.021	0.022	1:24:00 AM	10/18/2011 1:24	0.022
6840	0.02	0.02	0.021	0.022	1:25:00 AM	10/18/2011 1:25	0.023
6900	0.02	0.02	0.02	0.021	1:26:00 AM	10/18/2011 1:26	0.021
6960	0.022	0.022	0.022	0.023	1:27:00 AM	10/18/2011 1:27	0.024
7020	0.022	0.022	0.023	0.024	1:28:00 AM	10/18/2011 1:28	0.024
7080	0.026	0.027	0.027	0.028	1:29:00 AM	10/18/2011 1:29	0.028
7140	0.028	0.029	0.029	0.03	1:30:00 AM	10/18/2011 1:30	0.031
7200	0.023	0.024	0.024	0.025	1:31:00 AM	10/18/2011 1:31	0.025
7260	0.021	0.021	0.022	0.023	1:32:00 AM	10/18/2011 1:32	0.023
7320	0.021	0.021	0.022	0.023	1:33:00 AM	10/18/2011 1:33	0.023
7380	0.029	0.029	0.029	0.031	1:34:00 AM	10/18/2011 1:34	0.031
7440	0.023	0.024	0.024	0.025	1:35:00 AM	10/18/2011 1:35	0.025
7500	0.026	0.026	0.027	0.028	1:36:00 AM	10/18/2011 1:36	0.028
7560	0.022	0.022	0.023	0.024	1:37:00 AM	10/18/2011 1:37	0.024
7620	0.024	0.024	0.024	0.026	1:38:00 AM	10/18/2011 1:38	0.026
7680	0.023	0.023	0.023	0.024	1:39:00 AM	10/18/2011 1:39	0.025
7740	0.022	0.022	0.023	0.024	1:40:00 AM	10/18/2011 1:40	0.024
7800	0.026	0.026	0.027	0.028	1:41:00 AM	10/18/2011 1:41	0.028
7860	0.023	0.024	0.024	0.026	1:42:00 AM	10/18/2011 1:42	0.026
7920	0.029	0.029	0.03	0.033	1:43:00 AM	10/18/2011 1:43	0.033
7980	0.028	0.029	0.032	0.036	1:44:00 AM	10/18/2011 1:44	0.036
8040	0.029	0.03	0.034	0.041	1:45:00 AM	10/18/2011 1:45	0.042
8100	0.028	0.029	0.032	0.037	1:46:00 AM	10/18/2011 1:46	0.038
8160	0.034	0.036	0.041	0.053	1:47:00 AM	10/18/2011 1:47	0.055
8220	0.025	0.026	0.028	0.032	1:48:00 AM	10/18/2011 1:48	0.033
8280	0.025	0.026	0.028	0.032	1:49:00 AM	10/18/2011 1:49	0.032
8340	0.03	0.031	0.034	0.041	1:50:00 AM	10/18/2011 1:50	0.042
8400	0.025	0.026	0.027	0.03	1:51:00 AM	10/18/2011 1:51	0.031
8460	0.024	0.024	0.025	0.027	1:52:00 AM	10/18/2011 1:52	0.027
8520	0.029	0.029	0.03	0.032	1:53:00 AM	10/18/2011 1:53	0.032
8580	0.024	0.024	0.025	0.026	1:54:00 AM	10/18/2011 1:54	0.027
8640	0.023	0.024	0.024	0.026	1:55:00 AM	10/18/2011 1:55	0.026
8700	0.023	0.023	0.023	0.024	1:56:00 AM	10/18/2011 1:56	0.025
8760	0.023	0.023	0.024	0.025	1:57:00 AM	10/18/2011 1:57	0.025
8820	0.027	0.028	0.028	0.029	1:58:00 AM	10/18/2011 1:58	0.03
8880	0.023	0.023	0.023	0.024	1:59:00 AM	10/18/2011 1:59	0.025
8940	0.024	0.025	0.025	0.026	2:00:00 AM	10/18/2011 2:00	0.026
9000	0.027	0.027	0.027	0.029	2:01:00 AM	10/18/2011 2:01	0.03
9060	0.024	0.024	0.025	0.025	2:02:00 AM	10/18/2011 2:02	0.025
9120	0.023	0.023	0.024	0.025	2:03:00 AM	10/18/2011 2:03	0.025
9180	0.025	0.025	0.025	0.027	2:04:00 AM	10/18/2011 2:04	0.027
9240	0.023	0.024	0.024	0.026	2:05:00 AM	10/18/2011 2:05	0.026
9300	0.029	0.029	0.03	0.031	2:06:00 AM	10/18/2011 2:06	0.032
9360	0.027	0.027	0.029	0.033	2:07:00 AM	10/18/2011 2:07	0.033
9420	0.028	0.029	0.031	0.036	2:08:00 AM	10/18/2011 2:08	0.036
9480	0.028	0.029	0.03	0.034	2:09:00 AM	10/18/2011 2:09	0.034
9540	0.026	0.026	0.028	0.03	2:10:00 AM	10/18/2011 2:10	0.03
9600	0.027	0.028	0.029	0.031	2:11:00 AM	10/18/2011 2:11	0.032
9660	0.027	0.028	0.029	0.031	2:12:00 AM	10/18/2011 2:12	0.031
9720	0.023	0.024	0.024	0.026	2:13:00 AM	10/18/2011 2:13	0.026
9780	0.024	0.024	0.025	0.026	2:14:00 AM	10/18/2011 2:14	0.026
9840	0.025	0.025	0.026	0.027	2:15:00 AM	10/18/2011 2:15	0.029
9900	0.024	0.024	0.025	0.026	2:16:00 AM	10/18/2011 2:16	0.027
9960	0.022	0.022	0.023	0.024	2:17:00 AM	10/18/2011 2:17	0.024
10020	0.027	0.027	0.027	0.029	2:18:00 AM	10/18/2011 2:18	0.029
10080	0.03	0.03	0.031	0.032	2:19:00 AM	10/18/2011 2:19	0.032
10140	0.024	0.024	0.024	0.025	2:20:00 AM	10/18/2011 2:20	0.025
10200	0.024	0.024	0.025	0.026	2:21:00 AM	10/18/2011 2:21	0.027

10260	0.022	0.023	0.023	0.024	2:22:00 AM	10/18/2011 2:22	0.024
10320	0.023	0.023	0.023	0.025	2:23:00 AM	10/18/2011 2:23	0.025
10380	0.023	0.023	0.024	0.025	2:24:00 AM	10/18/2011 2:24	0.025
10440	0.023	0.024	0.024	0.025	2:25:00 AM	10/18/2011 2:25	0.025
10500	0.026	0.027	0.027	0.028	2:26:00 AM	10/18/2011 2:26	0.028
10560	0.027	0.027	0.027	0.028	2:27:00 AM	10/18/2011 2:27	0.029
10620	0.027	0.027	0.027	0.029	2:28:00 AM	10/18/2011 2:28	0.029
10680	0.023	0.024	0.024	0.025	2:29:00 AM	10/18/2011 2:29	0.025
10740	0.023	0.024	0.024	0.025	2:30:00 AM	10/18/2011 2:30	0.025
10800	0.035	0.035	0.036	0.036	2:31:00 AM	10/18/2011 2:31	0.037
10860	0.029	0.03	0.03	0.031	2:32:00 AM	10/18/2011 2:32	0.032
10920	0.026	0.027	0.027	0.028	2:33:00 AM	10/18/2011 2:33	0.028
10980	0.022	0.022	0.023	0.024	2:34:00 AM	10/18/2011 2:34	0.024
11040	0.022	0.022	0.022	0.024	2:35:00 AM	10/18/2011 2:35	0.024
11100	0.025	0.025	0.026	0.027	2:36:00 AM	10/18/2011 2:36	0.027
11160	0.022	0.022	0.022	0.023	2:37:00 AM	10/18/2011 2:37	0.023
11220	0.028	0.029	0.029	0.03	2:38:00 AM	10/18/2011 2:38	0.03
11280	0.025	0.025	0.025	0.027	2:39:00 AM	10/18/2011 2:39	0.027
11340	0.02	0.02	0.02	0.021	2:40:00 AM	10/18/2011 2:40	0.021
11400	0.025	0.025	0.026	0.027	2:41:00 AM	10/18/2011 2:41	0.028
11460	0.023	0.023	0.023	0.025	2:42:00 AM	10/18/2011 2:42	0.025
11520	0.022	0.022	0.023	0.024	2:43:00 AM	10/18/2011 2:43	0.024
11580	0.03	0.03	0.031	0.033	2:44:00 AM	10/18/2011 2:44	0.033
11640	0.023	0.023	0.024	0.025	2:45:00 AM	10/18/2011 2:45	0.025
11700	0.023	0.024	0.024	0.025	2:46:00 AM	10/18/2011 2:46	0.026
11760	0.022	0.022	0.023	0.023	2:47:00 AM	10/18/2011 2:47	0.024
11820	0.021	0.021	0.022	0.022	2:48:00 AM	10/18/2011 2:48	0.023
11880	0.022	0.022	0.023	0.024	2:49:00 AM	10/18/2011 2:49	0.024
11940	0.023	0.023	0.024	0.025	2:50:00 AM	10/18/2011 2:50	0.025
12000	0.022	0.022	0.022	0.023	2:51:00 AM	10/18/2011 2:51	0.023
12060	0.021	0.021	0.022	0.023	2:52:00 AM	10/18/2011 2:52	0.023
12120	0.021	0.021	0.021	0.022	2:53:00 AM	10/18/2011 2:53	0.022
12180	0.022	0.022	0.023	0.024	2:54:00 AM	10/18/2011 2:54	0.024
12240	0.025	0.025	0.026	0.027	2:55:00 AM	10/18/2011 2:55	0.027
12300	0.024	0.024	0.025	0.026	2:56:00 AM	10/18/2011 2:56	0.026
12360	0.03	0.03	0.031	0.032	2:57:00 AM	10/18/2011 2:57	0.032
12420	0.021	0.022	0.022	0.023	2:58:00 AM	10/18/2011 2:58	0.023
12480	0.023	0.023	0.023	0.024	2:59:00 AM	10/18/2011 2:59	0.025
12540	0.026	0.026	0.027	0.027	3:00:00 AM	10/18/2011 3:00	0.027
12600	0.021	0.021	0.022	0.023	3:01:00 AM	10/18/2011 3:01	0.023
12660	0.022	0.022	0.022	0.024	3:02:00 AM	10/18/2011 3:02	0.024
12720	0.023	0.024	0.024	0.025	3:03:00 AM	10/18/2011 3:03	0.025
12780	0.024	0.024	0.024	0.025	3:04:00 AM	10/18/2011 3:04	0.026
12840	0.021	0.022	0.022	0.023	3:05:00 AM	10/18/2011 3:05	0.023
12900	0.023	0.023	0.023	0.024	3:06:00 AM	10/18/2011 3:06	0.024
12960	0.021	0.021	0.022	0.023	3:07:00 AM	10/18/2011 3:07	0.023
13020	0.022	0.023	0.023	0.024	3:08:00 AM	10/18/2011 3:08	0.024
13080	0.029	0.029	0.03	0.031	3:09:00 AM	10/18/2011 3:09	0.031
13140	0.024	0.024	0.024	0.026	3:10:00 AM	10/18/2011 3:10	0.026
13200	0.025	0.025	0.025	0.027	3:11:00 AM	10/18/2011 3:11	0.027
13260	0.024	0.024	0.025	0.025	3:12:00 AM	10/18/2011 3:12	0.025
13320	0.024	0.024	0.025	0.026	3:13:00 AM	10/18/2011 3:13	0.027
13380	0.031	0.031	0.032	0.033	3:14:00 AM	10/18/2011 3:14	0.034
13440	0.035	0.035	0.035	0.036	3:15:00 AM	10/18/2011 3:15	0.036
13500	0.024	0.024	0.024	0.026	3:16:00 AM	10/18/2011 3:16	0.027
13560	0.026	0.026	0.026	0.027	3:17:00 AM	10/18/2011 3:17	0.027
13620	0.024	0.025	0.025	0.026	3:18:00 AM	10/18/2011 3:18	0.026
13680	0.023	0.023	0.024	0.025	3:19:00 AM	10/18/2011 3:19	0.025
13740	0.024	0.024	0.025	0.026	3:20:00 AM	10/18/2011 3:20	0.026
13800	0.024	0.024	0.025	0.026	3:21:00 AM	10/18/2011 3:21	0.027
13860	0.023	0.023	0.023	0.024	3:22:00 AM	10/18/2011 3:22	0.024
13920	0.024	0.024	0.025	0.026	3:23:00 AM	10/18/2011 3:23	0.026
13980	0.024	0.024	0.025	0.026	3:24:00 AM	10/18/2011 3:24	0.026
14040	0.024	0.025	0.025	0.026	3:25:00 AM	10/18/2011 3:25	0.026
14100	0.028	0.028	0.029	0.03	3:26:00 AM	10/18/2011 3:26	0.03
14160	0.024	0.025	0.025	0.026	3:27:00 AM	10/18/2011 3:27	0.027
14220	0.023	0.023	0.023	0.025	3:28:00 AM	10/18/2011 3:28	0.025
14280	0.025	0.025	0.025	0.027	3:29:00 AM	10/18/2011 3:29	0.027
14340	0.024	0.024	0.025	0.026	3:30:00 AM	10/18/2011 3:30	0.026

14400	0.024	0.024	0.024	0.026	3:31:00 AM	10/18/2011 3:31	0.026
14460	0.023	0.024	0.024	0.026	3:32:00 AM	10/18/2011 3:32	0.026
14520	0.029	0.03	0.03	0.032	3:33:00 AM	10/18/2011 3:33	0.032
14580	0.027	0.028	0.028	0.03	3:34:00 AM	10/18/2011 3:34	0.03
14640	0.03	0.03	0.031	0.032	3:35:00 AM	10/18/2011 3:35	0.032
14700	0.025	0.026	0.026	0.028	3:36:00 AM	10/18/2011 3:36	0.029
14760	0.024	0.025	0.025	0.027	3:37:00 AM	10/18/2011 3:37	0.027
14820	0.024	0.025	0.025	0.027	3:38:00 AM	10/18/2011 3:38	0.027
14880	0.024	0.025	0.025	0.026	3:39:00 AM	10/18/2011 3:39	0.026
14940	0.027	0.028	0.028	0.029	3:40:00 AM	10/18/2011 3:40	0.029
15000	0.025	0.025	0.026	0.027	3:41:00 AM	10/18/2011 3:41	0.027
15060	0.026	0.026	0.027	0.028	3:42:00 AM	10/18/2011 3:42	0.029
15120	0.025	0.026	0.026	0.027	3:43:00 AM	10/18/2011 3:43	0.028
15180	0.027	0.027	0.028	0.029	3:44:00 AM	10/18/2011 3:44	0.029
15240	0.03	0.031	0.031	0.032	3:45:00 AM	10/18/2011 3:45	0.033
15300	0.026	0.026	0.026	0.027	3:46:00 AM	10/18/2011 3:46	0.027
15360	0.027	0.027	0.028	0.029	3:47:00 AM	10/18/2011 3:47	0.029
15420	0.025	0.026	0.026	0.028	3:48:00 AM	10/18/2011 3:48	0.028
15480	0.025	0.026	0.026	0.027	3:49:00 AM	10/18/2011 3:49	0.027
15540	0.026	0.027	0.027	0.028	3:50:00 AM	10/18/2011 3:50	0.028
15600	0.025	0.025	0.026	0.028	3:51:00 AM	10/18/2011 3:51	0.028
15660	0.027	0.027	0.028	0.028	3:52:00 AM	10/18/2011 3:52	0.028
15720	0.027	0.028	0.028	0.029	3:53:00 AM	10/18/2011 3:53	0.029
15780	0.026	0.027	0.027	0.029	3:54:00 AM	10/18/2011 3:54	0.029
15840	0.025	0.025	0.026	0.027	3:55:00 AM	10/18/2011 3:55	0.027
15900	0.026	0.026	0.027	0.028	3:56:00 AM	10/18/2011 3:56	0.028
15960	0.026	0.026	0.026	0.028	3:57:00 AM	10/18/2011 3:57	0.028
16020	0.036	0.037	0.038	0.041	3:58:00 AM	10/18/2011 3:58	0.042
16080	0.032	0.032	0.033	0.035	3:59:00 AM	10/18/2011 3:59	0.035
16140	0.031	0.032	0.033	0.034	4:00:00 AM	10/18/2011 4:00	0.034
16200	0.027	0.027	0.028	0.029	4:01:00 AM	10/18/2011 4:01	0.029
16260	0.031	0.031	0.032	0.034	4:02:00 AM	10/18/2011 4:02	0.036
16320	0.028	0.029	0.029	0.03	4:03:00 AM	10/18/2011 4:03	0.031
16380	0.037	0.037	0.038	0.039	4:04:00 AM	10/18/2011 4:04	0.039
16440	0.027	0.027	0.028	0.029	4:05:00 AM	10/18/2011 4:05	0.029
16500	0.028	0.028	0.029	0.03	4:06:00 AM	10/18/2011 4:06	0.03
16560	0.027	0.028	0.028	0.029	4:07:00 AM	10/18/2011 4:07	0.029
16620	0.027	0.027	0.028	0.029	4:08:00 AM	10/18/2011 4:08	0.03
16680	0.026	0.026	0.027	0.028	4:09:00 AM	10/18/2011 4:09	0.028
16740	0.027	0.028	0.028	0.03	4:10:00 AM	10/18/2011 4:10	0.03
16800	0.026	0.027	0.027	0.029	4:11:00 AM	10/18/2011 4:11	0.029
16860	0.024	0.024	0.025	0.026	4:12:00 AM	10/18/2011 4:12	0.026
16920	0.025	0.025	0.026	0.027	4:13:00 AM	10/18/2011 4:13	0.027
16980	0.022	0.022	0.023	0.025	4:14:00 AM	10/18/2011 4:14	0.025
17040	0.022	0.022	0.023	0.024	4:15:00 AM	10/18/2011 4:15	0.025
17100	0.029	0.03	0.03	0.032	4:16:00 AM	10/18/2011 4:16	0.032
17160	0.024	0.025	0.026	0.027	4:17:00 AM	10/18/2011 4:17	0.027
17220	0.023	0.023	0.024	0.024	4:18:00 AM	10/18/2011 4:18	0.024
17280	0.03	0.03	0.031	0.033	4:19:00 AM	10/18/2011 4:19	0.033
17340	0.023	0.023	0.023	0.025	4:20:00 AM	10/18/2011 4:20	0.025
17400	0.021	0.021	0.022	0.024	4:21:00 AM	10/18/2011 4:21	0.024
17460	0.025	0.025	0.026	0.027	4:22:00 AM	10/18/2011 4:22	0.027
17520	0.025	0.026	0.026	0.029	4:23:00 AM	10/18/2011 4:23	0.029
17580	0.021	0.022	0.022	0.025	4:24:00 AM	10/18/2011 4:24	0.025
17640	0.019	0.02	0.02	0.021	4:25:00 AM	10/18/2011 4:25	0.022
17700	0.019	0.019	0.02	0.021	4:26:00 AM	10/18/2011 4:26	0.021
17760	0.021	0.021	0.022	0.023	4:27:00 AM	10/18/2011 4:27	0.023
17820	0.022	0.022	0.023	0.025	4:28:00 AM	10/18/2011 4:28	0.025
17880	0.016	0.016	0.017	0.017	4:29:00 AM	10/18/2011 4:29	0.017

Instrument Name	DustTrak DRX
Model Number	8533
Serial Number	8533112903
Firmware Version	2.8
Calibration Date	7/18/2011
Test Name	MANUAL_010
Test Start Time	23:34:55
Test Start Date	10/17/2011
Test Length [D:H:M]	0:04:51
Test Interval [M:S]	1:00
PM1 Average [mg/m ³]	0.027
PM1 Minimum [mg/m ³]	0.015
PM1 Maximum [mg/m ³]	0.215
PM1 TWA [mg/m ³]	0.016
PM2.5 Average [mg/m ³]	0.027
PM2.5 Minimum [mg/m ³]	0.015
PM2.5 Maximum [mg/m ³]	0.217
PM2.5 TWA [mg/m ³]	0.016
PM4 Average [mg/m ³]	0.028
PM4 Minimum [mg/m ³]	0.016
PM4 Maximum [mg/m ³]	0.223
PM4 TWA [mg/m ³]	0.017
PM10 Average [mg/m ³]	0.03
PM10 Minimum [mg/m ³]	0.017
PM10 Maximum [mg/m ³]	0.294
PM10 TWA [mg/m ³]	0.018
TOTAL Average [mg/m ³]	0.031
TOTAL Minimum [mg/m ³]	0.017
TOTAL Maximum [mg/m ³]	0.378
TOTAL TWA [mg/m ³]	0.019
Photometric User Cal	1
Size Correction User Cal	1
Flow User Cal	1
Errors	
Number of Samples	291



Elapsed Time [s]	PM1 [mg/m ³]	PM2.5 [mg/m ³]	PM4 [mg/m ³]	PM10 [mg/m ³]	23:34:55 Time/Date	TOTAL [mg/m ³]	Alarms	Errors
60	0.215	0.217	0.223	0.294	23:35:55 10/17/2011 23:35	0.378		
120	0.018	0.019	0.019	0.021	23:36:55 10/17/2011 23:36	0.022		
180	0.02	0.021	0.021	0.022	23:37:55 10/17/2011 23:37	0.023		
240	0.017	0.018	0.018	0.019	23:38:55 10/17/2011 23:38	0.02		
300	0.019	0.02	0.021	0.024	23:39:55 10/17/2011 23:39	0.027		
360	0.096	0.097	0.101	0.138	23:40:55 10/17/2011 23:40	0.177		
420	0.019	0.02	0.02	0.022	23:41:55 10/17/2011 23:41	0.023		
480	0.015	0.015	0.016	0.017	23:42:55 10/17/2011 23:42	0.017		
540	0.015	0.015	0.016	0.017	23:43:55 10/17/2011 23:43	0.018		
600	0.016	0.016	0.016	0.018	23:44:55 10/17/2011 23:44	0.021		
660	0.018	0.018	0.018	0.02	23:45:55 10/17/2011 23:45	0.02		
720	0.02	0.021	0.021	0.023	23:46:55 10/17/2011 23:46	0.024		
780	0.026	0.026	0.027	0.028	23:47:55 10/17/2011 23:47	0.028		
840	0.026	0.026	0.027	0.027	23:48:55 10/17/2011 23:48	0.028		
900	0.023	0.023	0.023	0.025	23:49:55 10/17/2011 23:49	0.025		
960	0.021	0.021	0.022	0.023	23:50:55 10/17/2011 23:50	0.023		
1020	0.018	0.018	0.018	0.019	23:51:55 10/17/2011 23:51	0.019		
1080	0.021	0.022	0.022	0.023	23:52:55 10/17/2011 23:52	0.023		
1140	0.069	0.069	0.071	0.087	23:53:55 10/17/2011 23:53	0.099		
1200	0.174	0.174	0.177	0.209	23:54:55 10/17/2011 23:54	0.243		
1260	0.019	0.019	0.019	0.02	23:55:55 10/17/2011 23:55	0.022		
1320	0.019	0.019	0.019	0.02	23:56:55 10/17/2011 23:56	0.02		
1380	0.019	0.02	0.02	0.021	23:57:55 10/17/2011 23:57	0.022		
1440	0.019	0.02	0.02	0.021	23:58:55 10/17/2011 23:58	0.021		
1500	0.02	0.02	0.02	0.021	23:59:55 10/17/2011 23:59	0.021		
1560	0.021	0.021	0.021	0.023	0:00:55 10/18/2011 0:00	0.024		
1620	0.021	0.021	0.021	0.022	0:01:55 10/18/2011 0:01	0.023		
1680	0.024	0.025	0.025	0.026	0:02:55 10/18/2011 0:02	0.026		
1740	0.029	0.03	0.03	0.031	0:03:55 10/18/2011 0:03	0.032		
1800	0.017	0.018	0.018	0.019	0:04:55 10/18/2011 0:04	0.019		
1860	0.016	0.016	0.017	0.018	0:05:55 10/18/2011 0:05	0.018		
1920	0.016	0.016	0.016	0.018	0:06:55 10/18/2011 0:06	0.018		

1980	0.017	0.017	0.017	0.018	0:07:55	10/18/2011 0:07	0.019
2040	0.023	0.023	0.024	0.025	0:08:55	10/18/2011 0:08	0.025
2100	0.02	0.02	0.02	0.022	0:09:55	10/18/2011 0:09	0.024
2160	0.052	0.052	0.053	0.063	0:10:55	10/18/2011 0:10	0.071
2220	0.019	0.02	0.02	0.021	0:11:55	10/18/2011 0:11	0.021
2280	0.021	0.022	0.022	0.023	0:12:55	10/18/2011 0:12	0.024
2340	0.023	0.024	0.024	0.025	0:13:55	10/18/2011 0:13	0.025
2400	0.021	0.022	0.022	0.023	0:14:55	10/18/2011 0:14	0.024
2460	0.023	0.024	0.024	0.025	0:15:55	10/18/2011 0:15	0.025
2520	0.021	0.022	0.022	0.024	0:16:55	10/18/2011 0:16	0.024
2580	0.024	0.024	0.025	0.027	0:17:55	10/18/2011 0:17	0.027
2640	0.025	0.025	0.025	0.026	0:18:55	10/18/2011 0:18	0.027
2700	0.025	0.025	0.025	0.026	0:19:55	10/18/2011 0:19	0.026
2760	0.03	0.03	0.031	0.032	0:20:55	10/18/2011 0:20	0.033
2820	0.024	0.024	0.024	0.025	0:21:55	10/18/2011 0:21	0.025
2880	0.036	0.036	0.037	0.043	0:22:55	10/18/2011 0:22	0.048
2940	0.019	0.02	0.02	0.021	0:23:55	10/18/2011 0:23	0.021
3000	0.019	0.019	0.019	0.02	0:24:55	10/18/2011 0:24	0.021
3060	0.023	0.023	0.024	0.025	0:25:55	10/18/2011 0:25	0.025
3120	0.022	0.022	0.023	0.024	0:26:55	10/18/2011 0:26	0.024
3180	0.024	0.024	0.024	0.025	0:27:55	10/18/2011 0:27	0.026
3240	0.024	0.024	0.025	0.026	0:28:55	10/18/2011 0:28	0.027
3300	0.022	0.022	0.023	0.024	0:29:55	10/18/2011 0:29	0.024
3360	0.021	0.022	0.022	0.023	0:30:55	10/18/2011 0:30	0.024
3420	0.023	0.024	0.024	0.025	0:31:55	10/18/2011 0:31	0.025
3480	0.023	0.023	0.024	0.024	0:32:55	10/18/2011 0:32	0.025
3540	0.025	0.025	0.026	0.027	0:33:55	10/18/2011 0:33	0.027
3600	0.024	0.025	0.025	0.027	0:34:55	10/18/2011 0:34	0.027
3660	0.025	0.026	0.026	0.027	0:35:55	10/18/2011 0:35	0.028
3720	0.023	0.024	0.024	0.026	0:36:55	10/18/2011 0:36	0.026
3780	0.05	0.05	0.051	0.059	0:37:55	10/18/2011 0:37	0.062
3840	0.024	0.024	0.024	0.025	0:38:55	10/18/2011 0:38	0.026
3900	0.029	0.03	0.03	0.031	0:39:55	10/18/2011 0:39	0.031
3960	0.027	0.027	0.028	0.029	0:40:55	10/18/2011 0:40	0.03
4020	0.026	0.026	0.026	0.028	0:41:55	10/18/2011 0:41	0.028
4080	0.025	0.026	0.026	0.027	0:42:55	10/18/2011 0:42	0.028
4140	0.022	0.022	0.022	0.024	0:43:55	10/18/2011 0:43	0.024
4200	0.023	0.023	0.024	0.024	0:44:55	10/18/2011 0:44	0.025
4260	0.023	0.024	0.024	0.025	0:45:55	10/18/2011 0:45	0.026
4320	0.025	0.026	0.026	0.027	0:46:55	10/18/2011 0:46	0.027
4380	0.023	0.023	0.023	0.025	0:47:55	10/18/2011 0:47	0.025
4440	0.02	0.021	0.021	0.022	0:48:55	10/18/2011 0:48	0.022
4500	0.022	0.022	0.023	0.024	0:49:55	10/18/2011 0:49	0.024
4560	0.023	0.024	0.025	0.026	0:50:55	10/18/2011 0:50	0.027
4620	0.025	0.025	0.025	0.026	0:51:55	10/18/2011 0:51	0.027
4680	0.025	0.025	0.026	0.027	0:52:55	10/18/2011 0:52	0.028
4740	0.024	0.024	0.024	0.026	0:53:55	10/18/2011 0:53	0.026
4800	0.024	0.024	0.025	0.026	0:54:55	10/18/2011 0:54	0.027
4860	0.024	0.024	0.025	0.027	0:55:55	10/18/2011 0:55	0.028
4920	0.027	0.027	0.027	0.028	0:56:55	10/18/2011 0:56	0.028
4980	0.027	0.028	0.028	0.029	0:57:55	10/18/2011 0:57	0.029
5040	0.026	0.026	0.027	0.028	0:58:55	10/18/2011 0:58	0.028
5100	0.026	0.026	0.027	0.029	0:59:55	10/18/2011 0:59	0.029
5160	0.027	0.027	0.027	0.029	1:00:55	10/18/2011 1:00	0.029
5220	0.036	0.037	0.037	0.038	1:01:55	10/18/2011 1:01	0.039
5280	0.036	0.036	0.037	0.038	1:02:55	10/18/2011 1:02	0.038
5340	0.032	0.032	0.033	0.034	1:03:55	10/18/2011 1:03	0.034
5400	0.031	0.032	0.032	0.033	1:04:55	10/18/2011 1:04	0.033
5460	0.028	0.028	0.029	0.03	1:05:55	10/18/2011 1:05	0.03
5520	0.029	0.03	0.03	0.032	1:06:55	10/18/2011 1:06	0.033
5580	0.026	0.027	0.027	0.029	1:07:55	10/18/2011 1:07	0.029
5640	0.034	0.034	0.035	0.04	1:08:55	10/18/2011 1:08	0.043
5700	0.023	0.023	0.024	0.025	1:09:55	10/18/2011 1:09	0.026
5760	0.023	0.023	0.024	0.026	1:10:55	10/18/2011 1:10	0.026
5820	0.023	0.024	0.024	0.026	1:11:55	10/18/2011 1:11	0.026
5880	0.023	0.023	0.024	0.025	1:12:55	10/18/2011 1:12	0.025
5940	0.024	0.024	0.024	0.026	1:13:55	10/18/2011 1:13	0.026
6000	0.023	0.023	0.024	0.025	1:14:55	10/18/2011 1:14	0.025
6060	0.023	0.023	0.024	0.025	1:15:55	10/18/2011 1:15	0.025

6120	0.022	0.023	0.023	0.025	1:16:55	10/18/2011 1:16	0.025
6180	0.022	0.023	0.023	0.025	1:17:55	10/18/2011 1:17	0.025
6240	0.025	0.025	0.025	0.026	1:18:55	10/18/2011 1:18	0.026
6300	0.023	0.024	0.024	0.025	1:19:55	10/18/2011 1:19	0.025
6360	0.024	0.024	0.025	0.026	1:20:55	10/18/2011 1:20	0.026
6420	0.021	0.021	0.021	0.022	1:21:55	10/18/2011 1:21	0.023
6480	0.02	0.021	0.021	0.022	1:22:55	10/18/2011 1:22	0.022
6540	0.022	0.022	0.023	0.024	1:23:55	10/18/2011 1:23	0.024
6600	0.019	0.02	0.02	0.02	1:24:55	10/18/2011 1:24	0.02
6660	0.021	0.021	0.021	0.022	1:25:55	10/18/2011 1:25	0.023
6720	0.022	0.022	0.022	0.024	1:26:55	10/18/2011 1:26	0.024
6780	0.022	0.023	0.023	0.024	1:27:55	10/18/2011 1:27	0.024
6840	0.023	0.024	0.024	0.025	1:28:55	10/18/2011 1:28	0.025
6900	0.022	0.022	0.023	0.023	1:29:55	10/18/2011 1:29	0.023
6960	0.021	0.022	0.022	0.023	1:30:55	10/18/2011 1:30	0.023
7020	0.023	0.024	0.024	0.027	1:31:55	10/18/2011 1:31	0.029
7080	0.023	0.023	0.023	0.024	1:32:55	10/18/2011 1:32	0.024
7140	0.023	0.023	0.023	0.024	1:33:55	10/18/2011 1:33	0.024
7200	0.023	0.023	0.023	0.024	1:34:55	10/18/2011 1:34	0.024
7260	0.023	0.023	0.023	0.024	1:35:55	10/18/2011 1:35	0.024
7320	0.021	0.021	0.022	0.022	1:36:55	10/18/2011 1:36	0.022
7380	0.024	0.025	0.025	0.026	1:37:55	10/18/2011 1:37	0.027
7440	0.025	0.025	0.026	0.027	1:38:55	10/18/2011 1:38	0.027
7500	0.025	0.025	0.025	0.026	1:39:55	10/18/2011 1:39	0.026
7560	0.026	0.026	0.027	0.028	1:40:55	10/18/2011 1:40	0.028
7620	0.026	0.027	0.027	0.028	1:41:55	10/18/2011 1:41	0.028
7680	0.024	0.024	0.025	0.027	1:42:55	10/18/2011 1:42	0.027
7740	0.026	0.026	0.028	0.03	1:43:55	10/18/2011 1:43	0.031
7800	0.028	0.029	0.032	0.036	1:44:55	10/18/2011 1:44	0.036
7860	0.03	0.031	0.033	0.038	1:45:55	10/18/2011 1:45	0.039
7920	0.025	0.026	0.028	0.031	1:46:55	10/18/2011 1:46	0.032
7980	0.027	0.028	0.029	0.036	1:47:55	10/18/2011 1:47	0.038
8040	0.032	0.033	0.035	0.04	1:48:55	10/18/2011 1:48	0.041
8100	0.029	0.03	0.032	0.037	1:49:55	10/18/2011 1:49	0.038
8160	0.03	0.031	0.033	0.035	1:50:55	10/18/2011 1:50	0.035
8220	0.024	0.025	0.025	0.027	1:51:55	10/18/2011 1:51	0.027
8280	0.026	0.027	0.028	0.029	1:52:55	10/18/2011 1:52	0.03
8340	0.024	0.024	0.025	0.026	1:53:55	10/18/2011 1:53	0.026
8400	0.023	0.023	0.024	0.025	1:54:55	10/18/2011 1:54	0.026
8460	0.024	0.024	0.025	0.026	1:55:55	10/18/2011 1:55	0.027
8520	0.023	0.023	0.024	0.024	1:56:55	10/18/2011 1:56	0.024
8580	0.023	0.023	0.023	0.024	1:57:55	10/18/2011 1:57	0.024
8640	0.023	0.023	0.023	0.024	1:58:55	10/18/2011 1:58	0.024
8700	0.024	0.024	0.025	0.026	1:59:55	10/18/2011 1:59	0.026
8760	0.024	0.024	0.024	0.025	2:00:55	10/18/2011 2:00	0.026
8820	0.024	0.024	0.024	0.025	2:01:55	10/18/2011 2:01	0.025
8880	0.026	0.026	0.027	0.028	2:02:55	10/18/2011 2:02	0.028
8940	0.028	0.029	0.029	0.035	2:03:55	10/18/2011 2:03	0.04
9000	0.024	0.025	0.025	0.027	2:04:55	10/18/2011 2:04	0.027
9060	0.026	0.026	0.027	0.029	2:05:55	10/18/2011 2:05	0.029
9120	0.027	0.027	0.028	0.03	2:06:55	10/18/2011 2:06	0.03
9180	0.026	0.027	0.028	0.03	2:07:55	10/18/2011 2:07	0.031
9240	0.028	0.028	0.03	0.032	2:08:55	10/18/2011 2:08	0.032
9300	0.03	0.03	0.032	0.034	2:09:55	10/18/2011 2:09	0.034
9360	0.026	0.027	0.027	0.029	2:10:55	10/18/2011 2:10	0.029
9420	0.025	0.026	0.026	0.028	2:11:55	10/18/2011 2:11	0.028
9480	0.025	0.025	0.026	0.027	2:12:55	10/18/2011 2:12	0.027
9540	0.024	0.024	0.024	0.026	2:13:55	10/18/2011 2:13	0.026
9600	0.025	0.025	0.026	0.027	2:14:55	10/18/2011 2:14	0.028
9660	0.023	0.024	0.024	0.026	2:15:55	10/18/2011 2:15	0.026
9720	0.024	0.024	0.024	0.026	2:16:55	10/18/2011 2:16	0.028
9780	0.023	0.023	0.024	0.025	2:17:55	10/18/2011 2:17	0.025
9840	0.023	0.023	0.024	0.025	2:18:55	10/18/2011 2:18	0.025
9900	0.022	0.023	0.023	0.024	2:19:55	10/18/2011 2:19	0.024
9960	0.023	0.023	0.023	0.024	2:20:55	10/18/2011 2:20	0.024
10020	0.023	0.023	0.024	0.024	2:21:55	10/18/2011 2:21	0.024
10080	0.023	0.024	0.024	0.025	2:22:55	10/18/2011 2:22	0.025
10140	0.023	0.024	0.024	0.025	2:23:55	10/18/2011 2:23	0.025
10200	0.023	0.024	0.024	0.025	2:24:55	10/18/2011 2:24	0.026

10260	0.023	0.024	0.024	0.025	0.025	2:25:55	10/18/2011 2:25	0.025
10320	0.024	0.024	0.025	0.026	0.026	2:26:55	10/18/2011 2:26	0.026
10380	0.024	0.024	0.024	0.025	0.025	2:27:55	10/18/2011 2:27	0.025
10440	0.024	0.024	0.024	0.025	0.025	2:28:55	10/18/2011 2:28	0.025
10500	0.024	0.025	0.025	0.026	0.026	2:29:55	10/18/2011 2:29	0.026
10560	0.026	0.027	0.027	0.03	0.03	2:30:55	10/18/2011 2:30	0.034
10620	0.027	0.027	0.028	0.028	0.028	2:31:55	10/18/2011 2:31	0.028
10680	0.029	0.029	0.03	0.031	0.031	2:32:55	10/18/2011 2:32	0.031
10740	0.026	0.026	0.027	0.028	0.028	2:33:55	10/18/2011 2:33	0.028
10800	0.026	0.026	0.026	0.027	0.027	2:34:55	10/18/2011 2:34	0.027
10860	0.027	0.028	0.028	0.029	0.029	2:35:55	10/18/2011 2:35	0.029
10920	0.022	0.022	0.023	0.023	0.023	2:36:55	10/18/2011 2:36	0.023
10980	0.022	0.022	0.022	0.023	0.023	2:37:55	10/18/2011 2:37	0.023
11040	0.021	0.022	0.022	0.022	0.022	2:38:55	10/18/2011 2:38	0.022
11100	0.021	0.022	0.022	0.023	0.023	2:39:55	10/18/2011 2:39	0.023
11160	0.021	0.022	0.022	0.023	0.023	2:40:55	10/18/2011 2:40	0.023
11220	0.021	0.022	0.022	0.023	0.023	2:41:55	10/18/2011 2:41	0.023
11280	0.023	0.023	0.023	0.024	0.024	2:42:55	10/18/2011 2:42	0.025
11340	0.022	0.022	0.023	0.026	0.026	2:43:55	10/18/2011 2:43	0.028
11400	0.021	0.021	0.021	0.022	0.022	2:44:55	10/18/2011 2:44	0.022
11460	0.022	0.022	0.023	0.023	0.023	2:45:55	10/18/2011 2:45	0.023
11520	0.021	0.021	0.021	0.022	0.022	2:46:55	10/18/2011 2:46	0.022
11580	0.023	0.024	0.024	0.025	0.025	2:47:55	10/18/2011 2:47	0.025
11640	0.024	0.024	0.024	0.025	0.025	2:48:55	10/18/2011 2:48	0.025
11700	0.025	0.025	0.026	0.027	0.027	2:49:55	10/18/2011 2:49	0.027
11760	0.024	0.024	0.025	0.026	0.026	2:50:55	10/18/2011 2:50	0.026
11820	0.021	0.021	0.022	0.022	0.022	2:51:55	10/18/2011 2:51	0.023
11880	0.021	0.022	0.022	0.022	0.022	2:52:55	10/18/2011 2:52	0.022
11940	0.021	0.022	0.022	0.022	0.022	2:53:55	10/18/2011 2:53	0.023
12000	0.022	0.022	0.022	0.023	0.023	2:54:55	10/18/2011 2:54	0.023
12060	0.022	0.022	0.022	0.023	0.023	2:55:55	10/18/2011 2:55	0.023
12120	0.021	0.022	0.022	0.022	0.022	2:56:55	10/18/2011 2:56	0.023
12180	0.021	0.022	0.022	0.022	0.022	2:57:55	10/18/2011 2:57	0.022
12240	0.022	0.022	0.022	0.024	0.024	2:58:55	10/18/2011 2:58	0.024
12300	0.024	0.024	0.025	0.028	0.028	2:59:55	10/18/2011 2:59	0.029
12360	0.021	0.022	0.022	0.023	0.023	3:00:55	10/18/2011 3:00	0.023
12420	0.022	0.022	0.023	0.023	0.023	3:01:55	10/18/2011 3:01	0.024
12480	0.022	0.022	0.023	0.023	0.023	3:02:55	10/18/2011 3:02	0.023
12540	0.022	0.022	0.022	0.023	0.023	3:03:55	10/18/2011 3:03	0.023
12600	0.02	0.021	0.021	0.021	0.021	3:04:55	10/18/2011 3:04	0.021
12660	0.021	0.021	0.021	0.022	0.022	3:05:55	10/18/2011 3:05	0.022
12720	0.021	0.021	0.021	0.022	0.022	3:06:55	10/18/2011 3:06	0.022
12780	0.02	0.021	0.021	0.022	0.022	3:07:55	10/18/2011 3:07	0.022
12840	0.021	0.022	0.022	0.023	0.023	3:08:55	10/18/2011 3:08	0.023
12900	0.023	0.023	0.024	0.024	0.024	3:09:55	10/18/2011 3:09	0.024
12960	0.023	0.024	0.024	0.025	0.025	3:10:55	10/18/2011 3:10	0.025
13020	0.024	0.024	0.025	0.026	0.026	3:11:55	10/18/2011 3:11	0.026
13080	0.026	0.026	0.026	0.027	0.027	3:12:55	10/18/2011 3:12	0.027
13140	0.054	0.055	0.056	0.057	0.057	3:13:55	10/18/2011 3:13	0.058
13200	0.029	0.03	0.03	0.031	0.031	3:14:55	10/18/2011 3:14	0.032
13260	0.033	0.034	0.034	0.038	0.038	3:15:55	10/18/2011 3:15	0.043
13320	0.025	0.025	0.026	0.026	0.026	3:16:55	10/18/2011 3:16	0.026
13380	0.024	0.024	0.025	0.025	0.025	3:17:55	10/18/2011 3:17	0.025
13440	0.024	0.025	0.025	0.026	0.026	3:18:55	10/18/2011 3:18	0.026
13500	0.026	0.026	0.026	0.027	0.027	3:19:55	10/18/2011 3:19	0.027
13560	0.025	0.026	0.026	0.027	0.027	3:20:55	10/18/2011 3:20	0.027
13620	0.024	0.024	0.025	0.025	0.025	3:21:55	10/18/2011 3:21	0.026
13680	0.024	0.024	0.025	0.025	0.025	3:22:55	10/18/2011 3:22	0.026
13740	0.024	0.024	0.025	0.025	0.025	3:23:55	10/18/2011 3:23	0.025
13800	0.024	0.025	0.025	0.025	0.025	3:24:55	10/18/2011 3:24	0.025
13860	0.024	0.024	0.025	0.025	0.025	3:25:55	10/18/2011 3:25	0.025
13920	0.024	0.025	0.025	0.026	0.026	3:26:55	10/18/2011 3:26	0.026
13980	0.035	0.035	0.036	0.043	0.043	3:27:55	10/18/2011 3:27	0.05
14040	0.025	0.025	0.025	0.027	0.027	3:28:55	10/18/2011 3:28	0.027
14100	0.025	0.025	0.025	0.026	0.026	3:29:55	10/18/2011 3:29	0.026
14160	0.024	0.024	0.025	0.026	0.026	3:30:55	10/18/2011 3:30	0.026
14220	0.023	0.024	0.024	0.025	0.025	3:31:55	10/18/2011 3:31	0.025
14280	0.024	0.024	0.024	0.025	0.025	3:32:55	10/18/2011 3:32	0.025
14340	0.024	0.025	0.025	0.026	0.026	3:33:55	10/18/2011 3:33	0.026

14400	0.028	0.028	0.029	0.031	3:34:55	10/18/2011 3:34	0.031
14460	0.026	0.026	0.027	0.028	3:35:55	10/18/2011 3:35	0.028
14520	0.026	0.026	0.027	0.028	3:36:55	10/18/2011 3:36	0.028
14580	0.026	0.026	0.027	0.028	3:37:55	10/18/2011 3:37	0.028
14640	0.027	0.027	0.028	0.029	3:38:55	10/18/2011 3:38	0.029
14700	0.026	0.026	0.027	0.028	3:39:55	10/18/2011 3:39	0.028
14760	0.026	0.027	0.027	0.028	3:40:55	10/18/2011 3:40	0.028
14820	0.025	0.025	0.026	0.027	3:41:55	10/18/2011 3:41	0.027
14880	0.027	0.027	0.028	0.029	3:42:55	10/18/2011 3:42	0.029
14940	0.04	0.041	0.042	0.05	3:43:55	10/18/2011 3:43	0.057
15000	0.025	0.026	0.026	0.027	3:44:55	10/18/2011 3:44	0.027
15060	0.025	0.025	0.025	0.026	3:45:55	10/18/2011 3:45	0.026
15120	0.025	0.025	0.026	0.026	3:46:55	10/18/2011 3:46	0.026
15180	0.026	0.026	0.026	0.027	3:47:55	10/18/2011 3:47	0.027
15240	0.025	0.026	0.026	0.027	3:48:55	10/18/2011 3:48	0.027
15300	0.025	0.026	0.026	0.027	3:49:55	10/18/2011 3:49	0.027
15360	0.025	0.025	0.025	0.026	3:50:55	10/18/2011 3:50	0.026
15420	0.024	0.025	0.025	0.026	3:51:55	10/18/2011 3:51	0.026
15480	0.024	0.024	0.025	0.025	3:52:55	10/18/2011 3:52	0.026
15540	0.025	0.025	0.025	0.026	3:53:55	10/18/2011 3:53	0.026
15600	0.025	0.025	0.025	0.026	3:54:55	10/18/2011 3:54	0.027
15660	0.025	0.026	0.026	0.027	3:55:55	10/18/2011 3:55	0.027
15720	0.025	0.025	0.026	0.027	3:56:55	10/18/2011 3:56	0.027
15780	0.095	0.096	0.097	0.098	3:57:55	10/18/2011 3:57	0.099
15840	0.039	0.04	0.04	0.042	3:58:55	10/18/2011 3:58	0.042
15900	0.029	0.029	0.03	0.031	3:59:55	10/18/2011 3:59	0.031
15960	0.028	0.028	0.028	0.029	4:00:55	10/18/2011 4:00	0.029
16020	0.027	0.028	0.028	0.029	4:01:55	10/18/2011 4:01	0.029
16080	0.026	0.027	0.027	0.029	4:02:55	10/18/2011 4:02	0.029
16140	0.027	0.027	0.027	0.029	4:03:55	10/18/2011 4:03	0.03
16200	0.027	0.027	0.028	0.029	4:04:55	10/18/2011 4:04	0.029
16260	0.15	0.15	0.153	0.176	4:05:55	10/18/2011 4:05	0.195
16320	0.031	0.032	0.032	0.033	4:06:55	10/18/2011 4:06	0.033
16380	0.031	0.031	0.031	0.033	4:07:55	10/18/2011 4:07	0.033
16440	0.031	0.031	0.032	0.033	4:08:55	10/18/2011 4:08	0.034
16500	0.03	0.031	0.031	0.032	4:09:55	10/18/2011 4:09	0.032
16560	0.03	0.03	0.03	0.032	4:10:55	10/18/2011 4:10	0.032
16620	0.029	0.029	0.029	0.031	4:11:55	10/18/2011 4:11	0.031
16680	0.029	0.029	0.029	0.031	4:12:55	10/18/2011 4:12	0.031
16740	0.026	0.026	0.026	0.028	4:13:55	10/18/2011 4:13	0.028
16800	0.024	0.024	0.025	0.025	4:14:55	10/18/2011 4:14	0.025
16860	0.024	0.025	0.025	0.026	4:15:55	10/18/2011 4:15	0.026
16920	0.032	0.032	0.033	0.034	4:16:55	10/18/2011 4:16	0.034
16980	0.025	0.025	0.026	0.026	4:17:55	10/18/2011 4:17	0.026
17040	0.024	0.024	0.025	0.025	4:18:55	10/18/2011 4:18	0.025
17100	0.024	0.024	0.024	0.025	4:19:55	10/18/2011 4:19	0.025
17160	0.025	0.025	0.026	0.027	4:20:55	10/18/2011 4:20	0.027
17220	0.026	0.026	0.027	0.029	4:21:55	10/18/2011 4:21	0.03
17280	0.025	0.025	0.026	0.027	4:22:55	10/18/2011 4:22	0.028
17340	0.025	0.025	0.026	0.027	4:23:55	10/18/2011 4:23	0.027
17400	0.024	0.025	0.025	0.026	4:24:55	10/18/2011 4:24	0.027
17460	0.023	0.023	0.023	0.024	4:25:55	10/18/2011 4:25	0.024

Client: National Grid
Location: Lowe's Parking lot
Date: 10/18/11 - 10/19/11
Field Personnel: J. Ehlen

Project: Metropolitan
Project Number: 60137361
Weather: $\sim 60^{\circ}\text{F}$, cloudy, little wind
Ambient Noise: $\sim 75 \text{ dB}$

Community Air Monitoring Plan / Noise Field Log

=====Event #4 information (begin)=====

[Event #4 name:]-[Event #4]2011-10-18 22:52<->2011-10-19 01:33
[Event start time:]-2011-10-18 22:52:42[Event end time:]-2011-10-19 01:33:42

=====Event #4 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-904624

Data Points: 161 Sample Period: 60 s Datalog Mode: Automatic

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====Sensor Information : PID-Min(ppm)PID-Avg(ppm)PID-Max(ppm)=====

Measurement Gas : Isobutene

Calibration Time : 2011-10-18 22:02:002011-10-18 22:02:002011-10-18 22:02:00

Drift Value : --- ---

Low Alarm Levels : 21.738 21.738 21.738

High Alarm Levels : 43.476 43.476 43.476

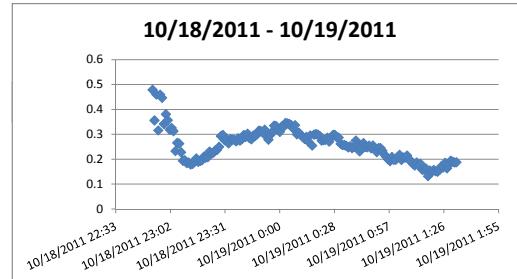
Span Value : 100.000 100.000 100.000

Correction Factor : 1.00 1.00 1.00

Over Alarm Levels : 15000.000 15000.000 15000.000

=====Event #4 data informations=====

LINE#	Date/Time	PID-Max(ppm)	PID-Min(ppm)	PID-Avg(ppm)
1	10/18/2011 22:53	0.479	0.122	0.376
2	10/18/2011 22:54	0.356	0.306	0.333
3	10/18/2011 22:55	0.46	0.308	0.358
4	10/18/2011 22:56	0.316	0.282	0.294
5	10/18/2011 22:57	0.46	0.286	0.382
6	10/18/2011 22:58	0.447	0.293	0.364
7	10/18/2011 22:59	0.342	0.264	0.307
8	10/18/2011 23:00	0.381	0.271	0.322
9	10/18/2011 23:01	0.357	0.299	0.318
10	10/18/2011 23:02	0.319	0.235	0.269
11	10/18/2011 23:03	0.326	0.222	0.276
12	10/18/2011 23:04	0.313	0.213	0.253
13	10/18/2011 23:05	0.233	0.155	0.179
14	10/18/2011 23:06	0.266	0.142	0.172
15	10/18/2011 23:07	0.263	0.139	0.193
16	10/18/2011 23:08	0.228	0.168	0.197
17	10/18/2011 23:09	0.194	0.161	0.18
18	10/18/2011 23:10	0.196	0.152	0.171
19	10/18/2011 23:11	0.185	0.111	0.165
20	10/18/2011 23:12	0.187	0.114	0.169
21	10/18/2011 23:13	0.179	0.156	0.166
22	10/18/2011 23:14	0.181	0.158	0.169
23	10/18/2011 23:15	0.189	0.105	0.153
24	10/18/2011 23:16	0.203	0.165	0.185
25	10/18/2011 23:17	0.19	0.116	0.151
26	10/18/2011 23:18	0.193	0.099	0.138
27	10/18/2011 23:19	0.196	0.107	0.165
28	10/18/2011 23:20	0.211	0.128	0.177
29	10/18/2011 23:21	0.207	0.137	0.175
30	10/18/2011 23:22	0.208	0.12	0.166
31	10/18/2011 23:23	0.231	0.138	0.179
32	10/18/2011 23:24	0.224	0.133	0.184
33	10/18/2011 23:25	0.227	0.128	0.174
34	10/18/2011 23:26	0.236	0.146	0.185
35	10/18/2011 23:27	0.238	0.156	0.21
36	10/18/2011 23:28	0.25	0.172	0.212
37	10/18/2011 23:29	0.293	0.181	0.224
38	10/18/2011 23:30	0.298	0.191	0.233
39	10/18/2011 23:31	0.276	0.191	0.237
40	10/18/2011 23:32	0.282	0.2	0.26
41	10/18/2011 23:33	0.264	0.18	0.229
42	10/18/2011 23:34	0.281	0.184	0.231
43	10/18/2011 23:35	0.28	0.185	0.232
44	10/18/2011 23:36	0.278	0.189	0.231
45	10/18/2011 23:37	0.272	0.184	0.233
46	10/18/2011 23:38	0.284	0.192	0.247
47	10/18/2011 23:39	0.275	0.189	0.225
48	10/18/2011 23:40	0.281	0.193	0.235



49	10/18/2011 23:41	0.297	0.195	0.245
50	10/18/2011 23:42	0.29	0.2	0.249
51	10/18/2011 23:43	0.303	0.199	0.244
52	10/18/2011 23:44	0.285	0.199	0.233
53	10/18/2011 23:45	0.28	0.199	0.237
54	10/18/2011 23:46	0.295	0.199	0.238
55	10/18/2011 23:47	0.294	0.201	0.252
56	10/18/2011 23:48	0.3	0.206	0.248
57	10/18/2011 23:49	0.315	0.233	0.271
58	10/18/2011 23:50	0.313	0.229	0.268
59	10/18/2011 23:51	0.308	0.219	0.259
60	10/18/2011 23:52	0.319	0.21	0.261
61	10/18/2011 23:53	0.292	0.204	0.237
62	10/18/2011 23:54	0.279	0.188	0.229
63	10/18/2011 23:55	0.298	0.194	0.24
64	10/18/2011 23:56	0.31	0.203	0.253
65	10/18/2011 23:57	0.335	0.213	0.266
66	10/18/2011 23:58	0.334	0.226	0.279
67	10/18/2011 23:59	0.318	0.231	0.275
68	10/19/2011 0:00	0.31	0.229	0.269
69	10/19/2011 0:01	0.332	0.213	0.264
70	10/19/2011 0:02	0.331	0.23	0.267
71	10/19/2011 0:03	0.346	0.247	0.286
72	10/19/2011 0:04	0.344	0.234	0.293
73	10/19/2011 0:05	0.342	0.245	0.278
74	10/19/2011 0:06	0.337	0.222	0.269
75	10/19/2011 0:07	0.324	0.232	0.273
76	10/19/2011 0:08	0.337	0.212	0.265
77	10/19/2011 0:09	0.3	0.208	0.25
78	10/19/2011 0:10	0.307	0.214	0.25
79	10/19/2011 0:11	0.298	0.207	0.247
80	10/19/2011 0:12	0.29	0.212	0.25
81	10/19/2011 0:13	0.282	0.195	0.231
82	10/19/2011 0:14	0.29	0.185	0.242
83	10/19/2011 0:15	0.271	0.179	0.223
84	10/19/2011 0:16	0.296	0.188	0.247
85	10/19/2011 0:17	0.255	0.201	0.231
86	10/19/2011 0:18	0.299	0.206	0.248
87	10/19/2011 0:19	0.301	0.193	0.238
88	10/19/2011 0:20	0.299	0.196	0.236
89	10/19/2011 0:21	0.294	0.196	0.238
90	10/19/2011 0:22	0.275	0.177	0.218
91	10/19/2011 0:23	0.277	0.191	0.225
92	10/19/2011 0:24	0.278	0.197	0.234
93	10/19/2011 0:25	0.287	0.188	0.232
94	10/19/2011 0:26	0.271	0.186	0.226
95	10/19/2011 0:27	0.288	0.204	0.234
96	10/19/2011 0:28	0.298	0.21	0.245
97	10/19/2011 0:29	0.298	0.218	0.259
98	10/19/2011 0:30	0.288	0.203	0.242
99	10/19/2011 0:31	0.287	0.2	0.235
100	10/19/2011 0:32	0.262	0.176	0.213
101	10/19/2011 0:33	0.257	0.178	0.214
102	10/19/2011 0:34	0.257	0.173	0.207
103	10/19/2011 0:35	0.254	0.17	0.214
104	10/19/2011 0:36	0.248	0.169	0.206
105	10/19/2011 0:37	0.252	0.176	0.207
106	10/19/2011 0:38	0.245	0.166	0.205
107	10/19/2011 0:39	0.249	0.174	0.208
108	10/19/2011 0:40	0.275	0.174	0.207
109	10/19/2011 0:41	0.256	0.184	0.218
110	10/19/2011 0:42	0.232	0.167	0.206
111	10/19/2011 0:43	0.244	0.172	0.205
112	10/19/2011 0:44	0.265	0.173	0.216
113	10/19/2011 0:45	0.25	0.162	0.207
114	10/19/2011 0:46	0.248	0.148	0.201
115	10/19/2011 0:47	0.255	0.166	0.207
116	10/19/2011 0:48	0.244	0.166	0.197
117	10/19/2011 0:49	0.255	0.161	0.205

118	10/19/2011 0:50	0.246	0.181	0.202
119	10/19/2011 0:51	0.229	0.163	0.196
120	10/19/2011 0:52	0.245	0.171	0.198
121	10/19/2011 0:53	0.245	0.164	0.194
122	10/19/2011 0:54	0.234	0.166	0.193
123	10/19/2011 0:55	0.219	0.151	0.18
124	10/19/2011 0:56	0.21	0.138	0.171
125	10/19/2011 0:57	0.2	0.135	0.162
126	10/19/2011 0:58	0.193	0.127	0.161
127	10/19/2011 0:59	0.209	0.118	0.151
128	10/19/2011 1:00	0.198	0.132	0.16
129	10/19/2011 1:01	0.198	0.129	0.166
130	10/19/2011 1:02	0.209	0.144	0.168
131	10/19/2011 1:03	0.218	0.151	0.18
132	10/19/2011 1:04	0.197	0.125	0.159
133	10/19/2011 1:05	0.207	0.138	0.16
134	10/19/2011 1:06	0.207	0.138	0.167
135	10/19/2011 1:07	0.215	0.129	0.169
136	10/19/2011 1:08	0.198	0.135	0.167
137	10/19/2011 1:09	0.193	0.131	0.16
138	10/19/2011 1:10	0.182	0.117	0.159
139	10/19/2011 1:11	0.175	0.108	0.145
140	10/19/2011 1:12	0.187	0.132	0.157
141	10/19/2011 1:13	0.176	0.116	0.142
142	10/19/2011 1:14	0.182	0.095	0.138
143	10/19/2011 1:15	0.158	0.103	0.129
144	10/19/2011 1:16	0.158	0.082	0.127
145	10/19/2011 1:17	0.163	0.086	0.12
146	10/19/2011 1:18	0.132	0.089	0.109
147	10/19/2011 1:19	0.155	0.086	0.121
148	10/19/2011 1:20	0.149	0.097	0.118
149	10/19/2011 1:21	0.157	0.099	0.119
150	10/19/2011 1:22	0.152	0.104	0.127
151	10/19/2011 1:23	0.15	0.099	0.12
152	10/19/2011 1:24	0.157	0.106	0.13
153	10/19/2011 1:25	0.172	0.113	0.143
154	10/19/2011 1:26	0.167	0.106	0.138
155	10/19/2011 1:27	0.186	0.106	0.139
156	10/19/2011 1:28	0.164	0.107	0.133
157	10/19/2011 1:29	0.179	0.119	0.142
158	10/19/2011 1:30	0.194	0.117	0.152
159	10/19/2011 1:31	0.19	0.122	0.152
160	10/19/2011 1:32	0.187	0.13	0.16
161	10/19/2011 1:33	0.188	0.139	0.161

=====Event #4 information (end)=====

=====Event #4 information (begin)=====

[Event #4 name:]-[Event #4]2011-10-18 23:05<->2011-10-19 01:46
[Event start time:]-2011-10-18 23:05:29[Event end time:]-2011-10-19 01:46:29

=====Event #4 head information=====

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905367
Data Points: 161 Sample Period: 60 s Datalog Mode: Automatic
SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

=====Sensor Information : PID(ppb)=====

Measurement Gas : Isobutene

Calibration Time : 2011-10-18 22:09:00

Drift Value : ---

Low Alarm Levels : 25847

High Alarm Levels : 51694

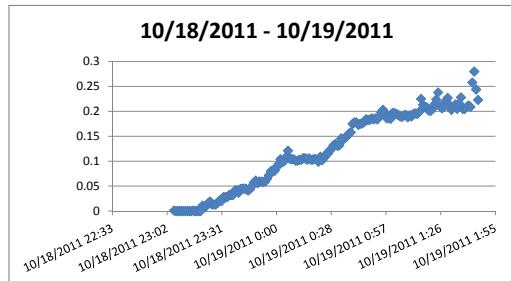
Span Value : 100000

Correction Factor : 1.00

Over Alarm Levels : 15000000

=====Event #4 data informations=====

LINE#	Date/Time	PID(ppm)	PID(ppb)
1	10/18/2011 23:06	0.001	1
2	10/18/2011 23:07	0	0
3	10/18/2011 23:08	0	0
4	10/18/2011 23:09	0	0
5	10/18/2011 23:10	0	0
6	10/18/2011 23:11	0	0
7	10/18/2011 23:12	0	0
8	10/18/2011 23:13	0	0
9	10/18/2011 23:14	0	0
10	10/18/2011 23:15	0	0
11	10/18/2011 23:16	0.001	1
12	10/18/2011 23:17	0	0
13	10/18/2011 23:18	0	0
14	10/18/2011 23:19	0	0
15	10/18/2011 23:20	0	0
16	10/18/2011 23:21	0.011	11
17	10/18/2011 23:22	0.009	9
18	10/18/2011 23:23	0.01	10
19	10/18/2011 23:24	0.016	16
20	10/18/2011 23:25	0.019	19
21	10/18/2011 23:26	0.013	13
22	10/18/2011 23:27	0.013	13
23	10/18/2011 23:28	0.013	13
24	10/18/2011 23:29	0.017	17
25	10/18/2011 23:30	0.021	21
26	10/18/2011 23:31	0.02	20
27	10/18/2011 23:32	0.028	28
28	10/18/2011 23:33	0.028	28
29	10/18/2011 23:34	0.028	28
30	10/18/2011 23:35	0.032	32
31	10/18/2011 23:36	0.032	32
32	10/18/2011 23:37	0.032	32
33	10/18/2011 23:38	0.041	41
34	10/18/2011 23:39	0.042	42
35	10/18/2011 23:40	0.037	37
36	10/18/2011 23:41	0.044	44
37	10/18/2011 23:42	0.045	45
38	10/18/2011 23:43	0.045	45
39	10/18/2011 23:44	0.044	44
40	10/18/2011 23:45	0.041	41
41	10/18/2011 23:46	0.044	44
42	10/18/2011 23:47	0.05	50
43	10/18/2011 23:48	0.057	57
44	10/18/2011 23:49	0.061	61
45	10/18/2011 23:50	0.056	56
46	10/18/2011 23:51	0.059	59
47	10/18/2011 23:52	0.059	59
48	10/18/2011 23:53	0.058	58

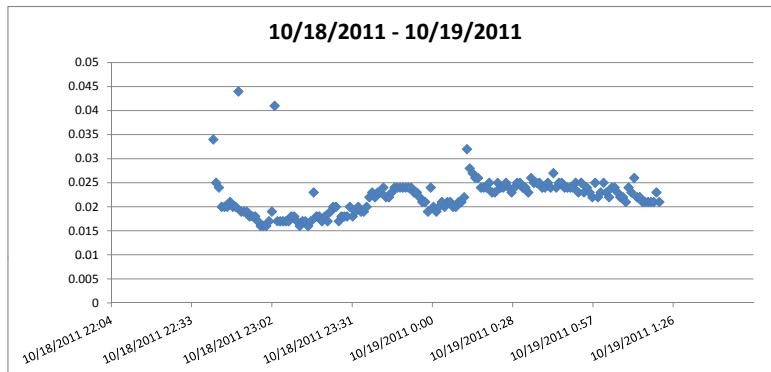


49	10/18/2011 23:54	0.059	59
50	10/18/2011 23:55	0.065	65
51	10/18/2011 23:56	0.072	72
52	10/18/2011 23:57	0.08	80
53	10/18/2011 23:58	0.082	82
54	10/18/2011 23:59	0.081	81
55	10/19/2011 0:00	0.088	88
56	10/19/2011 0:01	0.094	94
57	10/19/2011 0:02	0.104	104
58	10/19/2011 0:03	0.098	98
59	10/19/2011 0:04	0.1	100
60	10/19/2011 0:05	0.109	109
61	10/19/2011 0:06	0.121	121
62	10/19/2011 0:07	0.105	105
63	10/19/2011 0:08	0.104	104
64	10/19/2011 0:09	0.104	104
65	10/19/2011 0:10	0.101	101
66	10/19/2011 0:11	0.101	101
67	10/19/2011 0:12	0.103	103
68	10/19/2011 0:13	0.103	103
69	10/19/2011 0:14	0.106	106
70	10/19/2011 0:15	0.106	106
71	10/19/2011 0:16	0.103	103
72	10/19/2011 0:17	0.106	106
73	10/19/2011 0:18	0.103	103
74	10/19/2011 0:19	0.103	103
75	10/19/2011 0:20	0.105	105
76	10/19/2011 0:21	0.103	103
77	10/19/2011 0:22	0.099	99
78	10/19/2011 0:23	0.109	109
79	10/19/2011 0:24	0.102	102
80	10/19/2011 0:25	0.107	107
81	10/19/2011 0:26	0.114	114
82	10/19/2011 0:27	0.115	115
83	10/19/2011 0:28	0.122	122
84	10/19/2011 0:29	0.125	125
85	10/19/2011 0:30	0.132	132
86	10/19/2011 0:31	0.135	135
87	10/19/2011 0:32	0.131	131
88	10/19/2011 0:33	0.132	132
89	10/19/2011 0:34	0.146	146
90	10/19/2011 0:35	0.143	143
91	10/19/2011 0:36	0.147	147
92	10/19/2011 0:37	0.15	150
93	10/19/2011 0:38	0.155	155
94	10/19/2011 0:39	0.158	158
95	10/19/2011 0:40	0.175	175
96	10/19/2011 0:41	0.178	178
97	10/19/2011 0:42	0.178	178
98	10/19/2011 0:43	0.173	173
99	10/19/2011 0:44	0.175	175
100	10/19/2011 0:45	0.176	176
101	10/19/2011 0:46	0.178	178
102	10/19/2011 0:47	0.184	184
103	10/19/2011 0:48	0.183	183
104	10/19/2011 0:49	0.183	183
105	10/19/2011 0:50	0.186	186
106	10/19/2011 0:51	0.184	184
107	10/19/2011 0:52	0.186	186
108	10/19/2011 0:53	0.184	184
109	10/19/2011 0:54	0.19	190
110	10/19/2011 0:55	0.198	198
111	10/19/2011 0:56	0.203	203
112	10/19/2011 0:57	0.197	197
113	10/19/2011 0:58	0.186	186
114	10/19/2011 0:59	0.187	187
115	10/19/2011 1:00	0.185	185
116	10/19/2011 1:01	0.197	197
117	10/19/2011 1:02	0.197	197

118	10/19/2011 1:03	0.195	195
119	10/19/2011 1:04	0.193	193
120	10/19/2011 1:05	0.19	190
121	10/19/2011 1:06	0.189	189
122	10/19/2011 1:07	0.192	192
123	10/19/2011 1:08	0.193	193
124	10/19/2011 1:09	0.188	188
125	10/19/2011 1:10	0.192	192
126	10/19/2011 1:11	0.19	190
127	10/19/2011 1:12	0.195	195
128	10/19/2011 1:13	0.196	196
129	10/19/2011 1:14	0.195	195
130	10/19/2011 1:15	0.199	199
131	10/19/2011 1:16	0.225	225
132	10/19/2011 1:17	0.213	213
133	10/19/2011 1:18	0.209	209
134	10/19/2011 1:19	0.208	208
135	10/19/2011 1:20	0.202	202
136	10/19/2011 1:21	0.201	201
137	10/19/2011 1:22	0.205	205
138	10/19/2011 1:23	0.214	214
139	10/19/2011 1:24	0.224	224
140	10/19/2011 1:25	0.238	238
141	10/19/2011 1:26	0.211	211
142	10/19/2011 1:27	0.206	206
143	10/19/2011 1:28	0.209	209
144	10/19/2011 1:29	0.221	221
145	10/19/2011 1:30	0.227	227
146	10/19/2011 1:31	0.213	213
147	10/19/2011 1:32	0.203	203
148	10/19/2011 1:33	0.209	209
149	10/19/2011 1:34	0.214	214
150	10/19/2011 1:35	0.205	205
151	10/19/2011 1:36	0.216	216
152	10/19/2011 1:37	0.228	228
153	10/19/2011 1:38	0.205	205
154	10/19/2011 1:39	0.205	205
155	10/19/2011 1:40	0.209	209
156	10/19/2011 1:41	0.212	212
157	10/19/2011 1:42	0.209	209
158	10/19/2011 1:43	0.258	258
159	10/19/2011 1:44	0.28	280
160	10/19/2011 1:45	0.244	244
161	10/19/2011 1:46	0.223	223

=====Event #4 information (end)=====

Instrument Name DustTrak DRX
 Model Number 8533
 Serial Number 8533101806
 Firmware Version 2.8
 Calibration Date 5/19/2011
 Test Name MANUAL_001
 Test Start Time 10:40:22 PM
 Test Start Date 10/18/2011
 Test Length [D:H:M] 0:02:41
 Test Interval [M:S] 1:00
 PM1 Average [mg/m³] 0.02
 PM1 Minimum [mg] 0.015
 PM1 Maximum [mg] 0.029
 PM1 TWA [mg/m³] 0.007
 PM2.5 Average [mg] 0.02
 PM2.5 Minimum [n] 0.015
 PM2.5 Maximum [r] 0.029
 PM2.5 TWA [mg/m³] 0.007
 PM4 Average [mg/m³] 0.02
 PM4 Minimum [mg] 0.015
 PM4 Maximum [mg] 0.03
 PM4 TWA [mg/m³] 0.007
 PM10 Average [mg] 0.022
 PM10 Minimum [m] 0.016
 PM10 Maximum [r] 0.036
 PM10 TWA [mg/m³] 0.007
 TOTAL Average [mg] 0.022
 TOTAL Minimum [n] 0.016
 TOTAL Maximum [r] 0.044
 TOTAL TWA [mg/m³] 0.007
 Photometric User C 1
 Size Correction Use 1
 Flow User Cal 1
 Errors
 Number of Samples 161

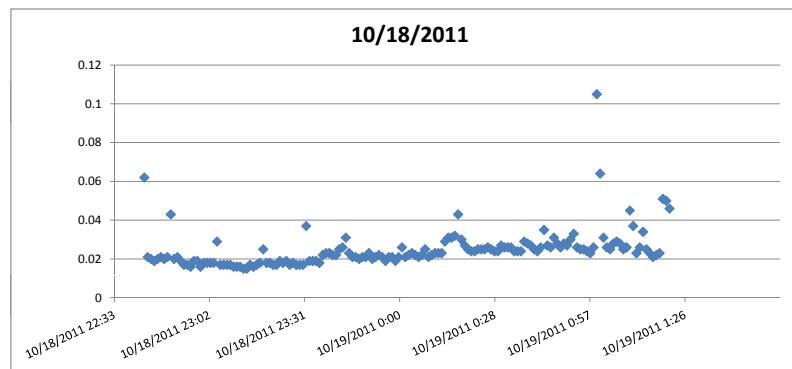


Elapsed Time [s]	PM1 [mg/m ³]	PM2.5 [mg/m ³]	PM4 [mg/m ³]	PM10 [mg/m ³]	10:40:22 PM Time/Date	TOTAL [mg/m ³]	Alarms	Errors
60	0.017	0.017	0.018	0.023	10:41:22 PM 10/18/2011 22:41	0.034		
120	0.023	0.023	0.024	0.025	10:42:22 PM 10/18/2011 22:42	0.025		
180	0.021	0.022	0.022	0.023	10:43:22 PM 10/18/2011 22:43	0.024		
240	0.018	0.018	0.019	0.019	10:44:22 PM 10/18/2011 22:44	0.02		
300	0.018	0.018	0.019	0.02	10:45:22 PM 10/18/2011 22:45	0.02		
360	0.018	0.018	0.019	0.02	10:46:22 PM 10/18/2011 22:46	0.02		
420	0.018	0.019	0.019	0.02	10:47:22 PM 10/18/2011 22:47	0.021		
480	0.018	0.018	0.019	0.02	10:48:22 PM 10/18/2011 22:48	0.02		
540	0.018	0.018	0.019	0.02	10:49:22 PM 10/18/2011 22:49	0.02		
600	0.028	0.029	0.03	0.036	10:50:22 PM 10/18/2011 22:50	0.044		
660	0.017	0.018	0.018	0.019	10:51:22 PM 10/18/2011 22:51	0.019		
720	0.017	0.017	0.018	0.019	10:52:22 PM 10/18/2011 22:52	0.019		
780	0.017	0.017	0.018	0.019	10:53:22 PM 10/18/2011 22:53	0.019		
840	0.016	0.017	0.017	0.017	10:54:22 PM 10/18/2011 22:54	0.018		
900	0.016	0.016	0.016	0.018	10:55:22 PM 10/18/2011 22:55	0.018		
960	0.016	0.016	0.016	0.017	10:56:22 PM 10/18/2011 22:56	0.018		
1020	0.015	0.015	0.016	0.017	10:57:22 PM 10/18/2011 22:57	0.017		
1080	0.015	0.015	0.016	0.016	10:58:22 PM 10/18/2011 22:58	0.016		
1140	0.015	0.015	0.016	0.016	10:59:22 PM 10/18/2011 22:59	0.016		
1200	0.015	0.015	0.015	0.016	11:00:22 PM 10/18/2011 23:00	0.016		
1260	0.015	0.015	0.016	0.016	11:01:22 PM 10/18/2011 23:01	0.017		
1320	0.016	0.016	0.016	0.018	11:02:22 PM 10/18/2011 23:02	0.019		
1380	0.029	0.029	0.03	0.036	11:03:22 PM 10/18/2011 23:03	0.041		
1440	0.016	0.016	0.016	0.017	11:04:22 PM 10/18/2011 23:04	0.017		
1500	0.015	0.016	0.016	0.017	11:05:22 PM 10/18/2011 23:05	0.017		
1560	0.015	0.015	0.016	0.017	11:06:22 PM 10/18/2011 23:06	0.017		
1620	0.015	0.015	0.016	0.017	11:07:22 PM 10/18/2011 23:07	0.017		
1680	0.015	0.015	0.016	0.017	11:08:22 PM 10/18/2011 23:08	0.017		
1740	0.016	0.016	0.016	0.017	11:09:22 PM 10/18/2011 23:09	0.018		
1800	0.015	0.016	0.016	0.017	11:10:22 PM 10/18/2011 23:10	0.018		
1860	0.015	0.015	0.016	0.017	11:11:22 PM 10/18/2011 23:11	0.017		
1920	0.015	0.015	0.016	0.016	11:12:22 PM 10/18/2011 23:12	0.016		

1980	0.015	0.015	0.016	0.016	11:13:22 PM	10/18/2011 23:13	0.017
2040	0.015	0.015	0.015	0.017	11:14:22 PM	10/18/2011 23:14	0.017
2100	0.015	0.015	0.016	0.016	11:15:22 PM	10/18/2011 23:15	0.016
2160	0.015	0.015	0.016	0.016	11:16:22 PM	10/18/2011 23:16	0.017
2220	0.02	0.021	0.021	0.022	11:17:22 PM	10/18/2011 23:17	0.023
2280	0.016	0.016	0.016	0.017	11:18:22 PM	10/18/2011 23:18	0.018
2340	0.016	0.016	0.016	0.018	11:19:22 PM	10/18/2011 23:19	0.018
2400	0.016	0.016	0.016	0.017	11:20:22 PM	10/18/2011 23:20	0.017
2460	0.016	0.016	0.016	0.017	11:21:22 PM	10/18/2011 23:21	0.018
2520	0.016	0.016	0.016	0.017	11:22:22 PM	10/18/2011 23:22	0.017
2580	0.016	0.017	0.017	0.019	11:23:22 PM	10/18/2011 23:23	0.019
2640	0.017	0.017	0.017	0.019	11:24:22 PM	10/18/2011 23:24	0.02
2700	0.018	0.018	0.019	0.019	11:25:22 PM	10/18/2011 23:25	0.02
2760	0.016	0.016	0.017	0.017	11:26:22 PM	10/18/2011 23:26	0.017
2820	0.016	0.016	0.017	0.018	11:27:22 PM	10/18/2011 23:27	0.018
2880	0.016	0.017	0.017	0.017	11:28:22 PM	10/18/2011 23:28	0.018
2940	0.017	0.017	0.017	0.018	11:29:22 PM	10/18/2011 23:29	0.018
3000	0.017	0.017	0.018	0.019	11:30:22 PM	10/18/2011 23:30	0.02
3060	0.017	0.017	0.017	0.018	11:31:22 PM	10/18/2011 23:31	0.018
3120	0.017	0.017	0.018	0.019	11:32:22 PM	10/18/2011 23:32	0.019
3180	0.017	0.018	0.018	0.02	11:33:22 PM	10/18/2011 23:33	0.02
3240	0.017	0.017	0.018	0.018	11:34:22 PM	10/18/2011 23:34	0.019
3300	0.018	0.018	0.018	0.019	11:35:22 PM	10/18/2011 23:35	0.019
3360	0.019	0.019	0.019	0.02	11:36:22 PM	10/18/2011 23:36	0.02
3420	0.021	0.021	0.022	0.022	11:37:22 PM	10/18/2011 23:37	0.022
3480	0.021	0.021	0.022	0.023	11:38:22 PM	10/18/2011 23:38	0.023
3540	0.021	0.021	0.021	0.022	11:39:22 PM	10/18/2011 23:39	0.022
3600	0.021	0.022	0.022	0.023	11:40:22 PM	10/18/2011 23:40	0.023
3660	0.021	0.021	0.022	0.023	11:41:22 PM	10/18/2011 23:41	0.023
3720	0.021	0.021	0.022	0.023	11:42:22 PM	10/18/2011 23:42	0.024
3780	0.02	0.021	0.021	0.022	11:43:22 PM	10/18/2011 23:43	0.022
3840	0.021	0.021	0.021	0.022	11:44:22 PM	10/18/2011 23:44	0.022
3900	0.021	0.022	0.022	0.023	11:45:22 PM	10/18/2011 23:45	0.023
3960	0.022	0.022	0.023	0.024	11:46:22 PM	10/18/2011 23:46	0.024
4020	0.022	0.022	0.022	0.023	11:47:22 PM	10/18/2011 23:47	0.024
4080	0.022	0.022	0.023	0.023	11:48:22 PM	10/18/2011 23:48	0.024
4140	0.022	0.022	0.023	0.024	11:49:22 PM	10/18/2011 23:49	0.024
4200	0.022	0.022	0.022	0.023	11:50:22 PM	10/18/2011 23:50	0.024
4260	0.022	0.022	0.023	0.023	11:51:22 PM	10/18/2011 23:51	0.024
4320	0.022	0.022	0.022	0.024	11:52:22 PM	10/18/2011 23:52	0.024
4380	0.021	0.021	0.022	0.023	11:53:22 PM	10/18/2011 23:53	0.023
4440	0.021	0.021	0.022	0.023	11:54:22 PM	10/18/2011 23:54	0.023
4500	0.02	0.021	0.021	0.022	11:55:22 PM	10/18/2011 23:55	0.022
4560	0.02	0.02	0.02	0.021	11:56:22 PM	10/18/2011 23:56	0.021
4620	0.02	0.02	0.02	0.021	11:57:22 PM	10/18/2011 23:57	0.021
4680	0.018	0.019	0.019	0.019	11:58:22 PM	10/18/2011 23:58	0.019
4740	0.02	0.02	0.02	0.023	11:59:22 PM	10/18/2011 23:59	0.024
4800	0.018	0.019	0.019	0.02	12:00:22 AM	10/19/2011 0:00	0.02
4860	0.018	0.018	0.018	0.019	12:01:22 AM	10/19/2011 0:01	0.019
4920	0.018	0.018	0.019	0.02	12:02:22 AM	10/19/2011 0:02	0.02
4980	0.019	0.019	0.02	0.021	12:03:22 AM	10/19/2011 0:03	0.021
5040	0.019	0.019	0.02	0.02	12:04:22 AM	10/19/2011 0:04	0.02
5100	0.019	0.019	0.019	0.02	12:05:22 AM	10/19/2011 0:05	0.021
5160	0.019	0.019	0.019	0.02	12:06:22 AM	10/19/2011 0:06	0.021
5220	0.019	0.019	0.02	0.02	12:07:22 AM	10/19/2011 0:07	0.02
5280	0.019	0.019	0.019	0.02	12:08:22 AM	10/19/2011 0:08	0.02
5340	0.019	0.019	0.02	0.021	12:09:22 AM	10/19/2011 0:09	0.021
5400	0.02	0.02	0.02	0.021	12:10:22 AM	10/19/2011 0:10	0.021
5460	0.02	0.02	0.021	0.022	12:11:22 AM	10/19/2011 0:11	0.022
5520	0.027	0.028	0.028	0.031	12:12:22 AM	10/19/2011 0:12	0.032
5580	0.023	0.024	0.025	0.027	12:13:22 AM	10/19/2011 0:13	0.028
5640	0.023	0.023	0.024	0.026	12:14:22 AM	10/19/2011 0:14	0.027
5700	0.023	0.023	0.024	0.026	12:15:22 AM	10/19/2011 0:15	0.026
5760	0.023	0.023	0.024	0.025	12:16:22 AM	10/19/2011 0:16	0.026
5820	0.022	0.022	0.023	0.024	12:17:22 AM	10/19/2011 0:17	0.024
5880	0.022	0.022	0.022	0.024	12:18:22 AM	10/19/2011 0:18	0.024
5940	0.021	0.022	0.022	0.023	12:19:22 AM	10/19/2011 0:19	0.024
6000	0.022	0.022	0.022	0.024	12:20:22 AM	10/19/2011 0:20	0.025
6060	0.021	0.022	0.022	0.023	12:21:22 AM	10/19/2011 0:21	0.023

6120	0.021	0.022	0.022	0.023	12:22:22 AM	10/19/2011 0:22	0.023
6180	0.023	0.023	0.023	0.024	12:23:22 AM	10/19/2011 0:23	0.025
6240	0.022	0.023	0.023	0.024	12:24:22 AM	10/19/2011 0:24	0.024
6300	0.022	0.022	0.023	0.024	12:25:22 AM	10/19/2011 0:25	0.024
6360	0.023	0.023	0.023	0.024	12:26:22 AM	10/19/2011 0:26	0.025
6420	0.023	0.023	0.024	0.024	12:27:22 AM	10/19/2011 0:27	0.024
6480	0.022	0.022	0.023	0.023	12:28:22 AM	10/19/2011 0:28	0.023
6540	0.022	0.023	0.023	0.024	12:29:22 AM	10/19/2011 0:29	0.024
6600	0.022	0.022	0.023	0.024	12:30:22 AM	10/19/2011 0:30	0.025
6660	0.022	0.022	0.023	0.025	12:31:22 AM	10/19/2011 0:31	0.025
6720	0.022	0.023	0.023	0.024	12:32:22 AM	10/19/2011 0:32	0.024
6780	0.023	0.023	0.023	0.024	12:33:22 AM	10/19/2011 0:33	0.024
6840	0.022	0.022	0.023	0.023	12:34:22 AM	10/19/2011 0:34	0.023
6900	0.023	0.024	0.024	0.025	12:35:22 AM	10/19/2011 0:35	0.026
6960	0.023	0.023	0.024	0.025	12:36:22 AM	10/19/2011 0:36	0.025
7020	0.023	0.023	0.024	0.025	12:37:22 AM	10/19/2011 0:37	0.025
7080	0.023	0.023	0.024	0.025	12:38:22 AM	10/19/2011 0:38	0.025
7140	0.022	0.023	0.023	0.024	12:39:22 AM	10/19/2011 0:39	0.024
7200	0.022	0.023	0.023	0.024	12:40:22 AM	10/19/2011 0:40	0.024
7260	0.022	0.023	0.023	0.024	12:41:22 AM	10/19/2011 0:41	0.025
7320	0.022	0.022	0.023	0.024	12:42:22 AM	10/19/2011 0:42	0.024
7380	0.023	0.023	0.023	0.025	12:43:22 AM	10/19/2011 0:43	0.027
7440	0.022	0.022	0.023	0.023	12:44:22 AM	10/19/2011 0:44	0.024
7500	0.023	0.023	0.023	0.024	12:45:22 AM	10/19/2011 0:45	0.025
7560	0.023	0.023	0.024	0.025	12:46:22 AM	10/19/2011 0:46	0.025
7620	0.023	0.023	0.024	0.024	12:47:22 AM	10/19/2011 0:47	0.024
7680	0.023	0.023	0.023	0.024	12:48:22 AM	10/19/2011 0:48	0.024
7740	0.022	0.023	0.023	0.024	12:49:22 AM	10/19/2011 0:49	0.024
7800	0.022	0.023	0.023	0.024	12:50:22 AM	10/19/2011 0:50	0.024
7860	0.023	0.023	0.024	0.025	12:51:22 AM	10/19/2011 0:51	0.025
7920	0.022	0.023	0.023	0.023	12:52:22 AM	10/19/2011 0:52	0.023
7980	0.023	0.023	0.024	0.024	12:53:22 AM	10/19/2011 0:53	0.025
8040	0.021	0.021	0.022	0.023	12:54:22 AM	10/19/2011 0:54	0.023
8100	0.023	0.023	0.023	0.024	12:55:22 AM	10/19/2011 0:55	0.024
8160	0.022	0.022	0.023	0.023	12:56:22 AM	10/19/2011 0:56	0.023
8220	0.021	0.021	0.021	0.022	12:57:22 AM	10/19/2011 0:57	0.022
8280	0.021	0.021	0.022	0.024	12:58:22 AM	10/19/2011 0:58	0.025
8340	0.02	0.021	0.021	0.022	12:59:22 AM	10/19/2011 0:59	0.022
8400	0.021	0.021	0.022	0.022	1:00:22 AM	10/19/2011 1:00	0.023
8460	0.022	0.022	0.023	0.024	1:01:22 AM	10/19/2011 1:01	0.025
8520	0.021	0.022	0.022	0.023	1:02:22 AM	10/19/2011 1:02	0.023
8580	0.021	0.021	0.022	0.022	1:03:22 AM	10/19/2011 1:03	0.022
8640	0.021	0.021	0.022	0.024	1:04:22 AM	10/19/2011 1:04	0.024
8700	0.021	0.021	0.022	0.024	1:05:22 AM	10/19/2011 1:05	0.024
8760	0.02	0.02	0.021	0.022	1:06:22 AM	10/19/2011 1:06	0.023
8820	0.02	0.021	0.021	0.022	1:07:22 AM	10/19/2011 1:07	0.022
8880	0.02	0.021	0.021	0.022	1:08:22 AM	10/19/2011 1:08	0.022
8940	0.02	0.02	0.021	0.021	1:09:22 AM	10/19/2011 1:09	0.021
9000	0.021	0.021	0.022	0.023	1:10:22 AM	10/19/2011 1:10	0.024
9060	0.02	0.021	0.021	0.022	1:11:22 AM	10/19/2011 1:11	0.023
9120	0.021	0.021	0.022	0.024	1:12:22 AM	10/19/2011 1:12	0.026
9180	0.02	0.02	0.021	0.022	1:13:22 AM	10/19/2011 1:13	0.022
9240	0.02	0.02	0.021	0.022	1:14:22 AM	10/19/2011 1:14	0.022
9300	0.02	0.02	0.021	0.021	1:15:22 AM	10/19/2011 1:15	0.021
9360	0.019	0.02	0.02	0.021	1:16:22 AM	10/19/2011 1:16	0.021
9420	0.019	0.02	0.02	0.021	1:17:22 AM	10/19/2011 1:17	0.021
9480	0.019	0.02	0.02	0.021	1:18:22 AM	10/19/2011 1:18	0.021
9540	0.019	0.02	0.02	0.021	1:19:22 AM	10/19/2011 1:19	0.021
9600	0.02	0.02	0.02	0.022	1:20:22 AM	10/19/2011 1:20	0.023
9660	0.02	0.02	0.02	0.021	1:21:22 AM	10/19/2011 1:21	0.021

Instrument Name DustTrak DRX
 Model Number 8533
 Serial Number 8533112903
 Firmware Version 2.8
 Calibration Date 7/18/2011
 Test Name MANUAL_001
 Test Start Time 22:41:41
 Test Start Date 10/18/2011
 Test Length [D:H:M] 0:02:40
 Test Interval [M:S] 1:00
 PM1 Average [mg/m³] 0.022
 PM1 Minimum [mg] 0.014
 PM1 Maximum [mg] 0.063
 PM1 TWA [mg/m³] 0.007
 PM2.5 Average [mg] 0.022
 PM2.5 Minimum [n] 0.014
 PM2.5 Maximum [r] 0.068
 PM2.5 TWA [mg/m] 0.007
 PM4 Average [mg/m³] 0.022
 PM4 Minimum [mg] 0.014
 PM4 Maximum [mg] 0.076
 PM4 TWA [mg/m³] 0.007
 PM10 Average [mg] 0.024
 PM10 Minimum [m] 0.014
 PM10 Maximum [r] 0.097
 PM10 TWA [mg/m³] 0.008
 TOTAL Average [mg] 0.025
 TOTAL Minimum [n] 0.015
 TOTAL Maximum [r] 0.105
 TOTAL TWA [mg/m] 0.008
 Photometric User C 1
 Size Correction Use 1
 Flow User Cal 1
 Errors
 Number of Samples 160



Elapsed Time [s]	PM1 [mg/m ³]	PM2.5 [mg/m ³]	PM4 [mg/m ³]	PM10 [mg/m ³]	22:41:41 Time/Date	TOTAL [mg/m ³]	Alarms	Errors
60	0.025	0.025	0.027	0.043	22:42:41 10/18/2011 22:42	0.062		
120	0.019	0.019	0.019	0.02	22:43:41 10/18/2011 22:43	0.021		
180	0.018	0.019	0.019	0.02	22:44:41 10/18/2011 22:44	0.02		
240	0.017	0.017	0.018	0.019	22:45:41 10/18/2011 22:45	0.019		
300	0.017	0.018	0.018	0.019	22:46:41 10/18/2011 22:46	0.02		
360	0.018	0.018	0.019	0.02	22:47:41 10/18/2011 22:47	0.021		
420	0.018	0.018	0.019	0.02	22:48:41 10/18/2011 22:48	0.02		
480	0.018	0.018	0.018	0.02	22:49:41 10/18/2011 22:49	0.021		
540	0.032	0.033	0.034	0.039	22:50:41 10/18/2011 22:50	0.043		
600	0.018	0.018	0.019	0.019	22:51:41 10/18/2011 22:51	0.02		
660	0.019	0.019	0.02	0.02	22:52:41 10/18/2011 22:52	0.021		
720	0.017	0.017	0.018	0.019	22:53:41 10/18/2011 22:53	0.019		
780	0.016	0.016	0.017	0.017	22:54:41 10/18/2011 22:54	0.017		
840	0.016	0.016	0.016	0.017	22:55:41 10/18/2011 22:55	0.017		
900	0.015	0.015	0.015	0.016	22:56:41 10/18/2011 22:56	0.016		
960	0.018	0.018	0.018	0.019	22:57:41 10/18/2011 22:57	0.019		
1020	0.017	0.017	0.017	0.018	22:58:41 10/18/2011 22:58	0.019		
1080	0.015	0.015	0.015	0.016	22:59:41 10/18/2011 22:59	0.016		
1140	0.016	0.017	0.017	0.018	23:00:41 10/18/2011 23:00	0.018		
1200	0.016	0.016	0.016	0.017	23:01:41 10/18/2011 23:01	0.018		
1260	0.016	0.016	0.016	0.017	23:02:41 10/18/2011 23:02	0.018		
1320	0.015	0.016	0.016	0.017	23:03:41 10/18/2011 23:03	0.018		
1380	0.016	0.017	0.017	0.024	23:04:41 10/18/2011 23:04	0.029		
1440	0.015	0.015	0.016	0.016	23:05:41 10/18/2011 23:05	0.017		
1500	0.015	0.015	0.016	0.017	23:06:41 10/18/2011 23:06	0.017		
1560	0.015	0.015	0.016	0.016	23:07:41 10/18/2011 23:07	0.017		
1620	0.015	0.016	0.016	0.017	23:08:41 10/18/2011 23:08	0.017		
1680	0.015	0.015	0.016	0.016	23:09:41 10/18/2011 23:09	0.016		
1740	0.014	0.015	0.015	0.016	23:10:41 10/18/2011 23:10	0.016		
1800	0.015	0.015	0.015	0.016	23:11:41 10/18/2011 23:11	0.016		
1860	0.014	0.014	0.015	0.015	23:12:41 10/18/2011 23:12	0.015		
1920	0.014	0.014	0.014	0.014	23:13:41 10/18/2011 23:13	0.015		

1980	0.015	0.015	0.016	0.017	23:14:41	10/18/2011 23:14	0.017
2040	0.015	0.015	0.016	0.016	23:15:41	10/18/2011 23:15	0.016
2100	0.014	0.015	0.015	0.016	23:16:41	10/18/2011 23:16	0.017
2160	0.016	0.016	0.016	0.017	23:17:41	10/18/2011 23:17	0.018
2220	0.017	0.018	0.018	0.022	23:18:41	10/18/2011 23:18	0.025
2280	0.016	0.016	0.017	0.018	23:19:41	10/18/2011 23:19	0.018
2340	0.016	0.016	0.016	0.017	23:20:41	10/18/2011 23:20	0.018
2400	0.016	0.016	0.016	0.017	23:21:41	10/18/2011 23:21	0.017
2460	0.015	0.016	0.016	0.017	23:22:41	10/18/2011 23:22	0.017
2520	0.017	0.017	0.017	0.018	23:23:41	10/18/2011 23:23	0.019
2580	0.017	0.017	0.017	0.018	23:24:41	10/18/2011 23:24	0.018
2640	0.017	0.017	0.017	0.018	23:25:41	10/18/2011 23:25	0.019
2700	0.015	0.016	0.016	0.017	23:26:41	10/18/2011 23:26	0.017
2760	0.016	0.016	0.017	0.018	23:27:41	10/18/2011 23:27	0.018
2820	0.016	0.016	0.016	0.017	23:28:41	10/18/2011 23:28	0.017
2880	0.016	0.016	0.016	0.017	23:29:41	10/18/2011 23:29	0.017
2940	0.016	0.016	0.016	0.016	23:30:41	10/18/2011 23:30	0.017
3000	0.024	0.024	0.025	0.032	23:31:41	10/18/2011 23:31	0.037
3060	0.017	0.017	0.018	0.018	23:32:41	10/18/2011 23:32	0.019
3120	0.017	0.017	0.018	0.018	23:33:41	10/18/2011 23:33	0.019
3180	0.017	0.018	0.018	0.019	23:34:41	10/18/2011 23:34	0.019
3240	0.017	0.017	0.018	0.018	23:35:41	10/18/2011 23:35	0.018
3300	0.02	0.02	0.02	0.021	23:36:41	10/18/2011 23:36	0.022
3360	0.021	0.021	0.022	0.022	23:37:41	10/18/2011 23:37	0.023
3420	0.022	0.022	0.023	0.023	23:38:41	10/18/2011 23:38	0.023
3480	0.021	0.021	0.022	0.022	23:39:41	10/18/2011 23:39	0.022
3540	0.02	0.021	0.021	0.022	23:40:41	10/18/2011 23:40	0.022
3600	0.023	0.023	0.024	0.025	23:41:41	10/18/2011 23:41	0.025
3660	0.024	0.024	0.025	0.026	23:42:41	10/18/2011 23:42	0.026
3720	0.023	0.024	0.024	0.028	23:43:41	10/18/2011 23:43	0.031
3780	0.021	0.021	0.022	0.023	23:44:41	10/18/2011 23:44	0.023
3840	0.02	0.02	0.02	0.021	23:45:41	10/18/2011 23:45	0.021
3900	0.019	0.02	0.02	0.021	23:46:41	10/18/2011 23:46	0.021
3960	0.019	0.02	0.02	0.02	23:47:41	10/18/2011 23:47	0.02
4020	0.019	0.019	0.02	0.021	23:48:41	10/18/2011 23:48	0.021
4080	0.02	0.02	0.02	0.021	23:49:41	10/18/2011 23:49	0.021
4140	0.02	0.021	0.021	0.022	23:50:41	10/18/2011 23:50	0.023
4200	0.019	0.02	0.02	0.02	23:51:41	10/18/2011 23:51	0.02
4260	0.019	0.02	0.02	0.021	23:52:41	10/18/2011 23:52	0.021
4320	0.019	0.02	0.02	0.022	23:53:41	10/18/2011 23:53	0.022
4380	0.019	0.019	0.02	0.02	23:54:41	10/18/2011 23:54	0.021
4440	0.018	0.019	0.019	0.019	23:55:41	10/18/2011 23:55	0.019
4500	0.019	0.019	0.02	0.021	23:56:41	10/18/2011 23:56	0.021
4560	0.019	0.019	0.019	0.02	23:57:41	10/18/2011 23:57	0.021
4620	0.018	0.018	0.019	0.019	23:58:41	10/18/2011 23:58	0.019
4680	0.02	0.02	0.02	0.021	23:59:41	10/18/2011 23:59	0.021
4740	0.02	0.02	0.02	0.025	0:00:41	10/19/2011 0:00	0.026
4800	0.019	0.019	0.02	0.021	0:01:41	10/19/2011 0:01	0.021
4860	0.02	0.02	0.021	0.021	0:02:41	10/19/2011 0:02	0.022
4920	0.02	0.021	0.021	0.022	0:03:41	10/19/2011 0:03	0.023
4980	0.021	0.021	0.021	0.022	0:04:41	10/19/2011 0:04	0.022
5040	0.02	0.02	0.02	0.021	0:05:41	10/19/2011 0:05	0.021
5100	0.02	0.02	0.021	0.021	0:06:41	10/19/2011 0:06	0.022
5160	0.022	0.022	0.023	0.025	0:07:41	10/19/2011 0:07	0.025
5220	0.019	0.02	0.02	0.021	0:08:41	10/19/2011 0:08	0.021
5280	0.02	0.02	0.021	0.022	0:09:41	10/19/2011 0:09	0.022
5340	0.022	0.022	0.022	0.023	0:10:41	10/19/2011 0:10	0.023
5400	0.021	0.021	0.022	0.023	0:11:41	10/19/2011 0:11	0.023
5460	0.022	0.022	0.022	0.023	0:12:41	10/19/2011 0:12	0.023
5520	0.024	0.025	0.025	0.028	0:13:41	10/19/2011 0:13	0.029
5580	0.026	0.026	0.027	0.03	0:14:41	10/19/2011 0:14	0.031
5640	0.026	0.026	0.027	0.03	0:15:41	10/19/2011 0:15	0.031
5700	0.028	0.028	0.029	0.031	0:16:41	10/19/2011 0:16	0.032
5760	0.033	0.035	0.037	0.042	0:17:41	10/19/2011 0:17	0.043
5820	0.025	0.026	0.027	0.029	0:18:41	10/19/2011 0:18	0.03
5880	0.024	0.024	0.025	0.027	0:19:41	10/19/2011 0:19	0.027
5940	0.023	0.023	0.023	0.025	0:20:41	10/19/2011 0:20	0.025
6000	0.022	0.022	0.023	0.023	0:21:41	10/19/2011 0:21	0.024
6060	0.022	0.023	0.023	0.024	0:22:41	10/19/2011 0:22	0.024

6120	0.023	0.024	0.024	0.025	0:23:41	10/19/2011 0:23	0.025
6180	0.023	0.023	0.024	0.025	0:24:41	10/19/2011 0:24	0.025
6240	0.023	0.024	0.024	0.025	0:25:41	10/19/2011 0:25	0.025
6300	0.023	0.023	0.024	0.025	0:26:41	10/19/2011 0:26	0.026
6360	0.023	0.024	0.024	0.025	0:27:41	10/19/2011 0:27	0.025
6420	0.022	0.023	0.023	0.024	0:28:41	10/19/2011 0:28	0.024
6480	0.022	0.023	0.023	0.024	0:29:41	10/19/2011 0:29	0.024
6540	0.023	0.024	0.024	0.025	0:30:41	10/19/2011 0:30	0.027
6600	0.025	0.025	0.025	0.026	0:31:41	10/19/2011 0:31	0.026
6660	0.024	0.024	0.025	0.026	0:32:41	10/19/2011 0:32	0.026
6720	0.024	0.024	0.025	0.025	0:33:41	10/19/2011 0:33	0.026
6780	0.022	0.023	0.023	0.024	0:34:41	10/19/2011 0:34	0.024
6840	0.023	0.023	0.024	0.024	0:35:41	10/19/2011 0:35	0.024
6900	0.022	0.023	0.023	0.024	0:36:41	10/19/2011 0:36	0.024
6960	0.027	0.027	0.027	0.029	0:37:41	10/19/2011 0:37	0.029
7020	0.026	0.026	0.027	0.028	0:38:41	10/19/2011 0:38	0.028
7080	0.025	0.025	0.025	0.027	0:39:41	10/19/2011 0:39	0.027
7140	0.023	0.024	0.024	0.025	0:40:41	10/19/2011 0:40	0.025
7200	0.023	0.024	0.024	0.024	0:41:41	10/19/2011 0:41	0.024
7260	0.024	0.024	0.024	0.026	0:42:41	10/19/2011 0:42	0.026
7320	0.026	0.026	0.027	0.03	0:43:41	10/19/2011 0:43	0.035
7380	0.025	0.025	0.026	0.027	0:44:41	10/19/2011 0:44	0.027
7440	0.024	0.024	0.025	0.026	0:45:41	10/19/2011 0:45	0.026
7500	0.026	0.027	0.028	0.03	0:46:41	10/19/2011 0:46	0.031
7560	0.025	0.025	0.026	0.027	0:47:41	10/19/2011 0:47	0.028
7620	0.024	0.024	0.025	0.026	0:48:41	10/19/2011 0:48	0.026
7680	0.026	0.026	0.027	0.028	0:49:41	10/19/2011 0:49	0.028
7740	0.026	0.026	0.026	0.027	0:50:41	10/19/2011 0:50	0.027
7800	0.028	0.028	0.028	0.029	0:51:41	10/19/2011 0:51	0.03
7860	0.031	0.031	0.031	0.032	0:52:41	10/19/2011 0:52	0.033
7920	0.024	0.025	0.025	0.026	0:53:41	10/19/2011 0:53	0.026
7980	0.023	0.024	0.024	0.025	0:54:41	10/19/2011 0:54	0.025
8040	0.023	0.023	0.024	0.024	0:55:41	10/19/2011 0:55	0.025
8100	0.023	0.023	0.023	0.024	0:56:41	10/19/2011 0:56	0.024
8160	0.022	0.022	0.023	0.023	0:57:41	10/19/2011 0:57	0.023
8220	0.024	0.024	0.024	0.026	0:58:41	10/19/2011 0:58	0.026
8280	0.063	0.068	0.076	0.097	0:59:41	10/19/2011 0:59	0.105
8340	0.044	0.048	0.054	0.063	1:00:41	10/19/2011 1:00	0.064
8400	0.029	0.029	0.03	0.031	1:01:41	10/19/2011 1:01	0.031
8460	0.024	0.024	0.025	0.026	1:02:41	10/19/2011 1:02	0.026
8520	0.023	0.023	0.024	0.025	1:03:41	10/19/2011 1:03	0.025
8580	0.024	0.024	0.025	0.027	1:04:41	10/19/2011 1:04	0.028
8640	0.026	0.026	0.027	0.029	1:05:41	10/19/2011 1:05	0.029
8700	0.026	0.026	0.027	0.028	1:06:41	10/19/2011 1:06	0.028
8760	0.023	0.023	0.024	0.025	1:07:41	10/19/2011 1:07	0.025
8820	0.022	0.022	0.023	0.025	1:08:41	10/19/2011 1:08	0.026
8880	0.031	0.033	0.036	0.043	1:09:41	10/19/2011 1:09	0.045
8940	0.028	0.029	0.032	0.036	1:10:41	10/19/2011 1:10	0.037
9000	0.021	0.022	0.022	0.023	1:11:41	10/19/2011 1:11	0.023
9060	0.022	0.023	0.023	0.026	1:12:41	10/19/2011 1:12	0.026
9120	0.026	0.026	0.027	0.031	1:13:41	10/19/2011 1:13	0.034
9180	0.021	0.022	0.022	0.024	1:14:41	10/19/2011 1:14	0.025
9240	0.02	0.02	0.021	0.022	1:15:41	10/19/2011 1:15	0.023
9300	0.02	0.02	0.021	0.021	1:16:41	10/19/2011 1:16	0.021
9360	0.02	0.02	0.02	0.021	1:17:41	10/19/2011 1:17	0.022
9420	0.02	0.02	0.021	0.022	1:18:41	10/19/2011 1:18	0.023
9480	0.047	0.047	0.048	0.051	1:19:41	10/19/2011 1:19	0.051
9540	0.044	0.045	0.046	0.048	1:20:41	10/19/2011 1:20	0.05
9600	0.043	0.044	0.044	0.045	1:21:41	10/19/2011 1:21	0.046

Client: Lowe's - Metropolitan
Location: Lowe's - Metropolitan
Date: 11/30/11
Field Personnel: TJ & g2 / Board Longy

Project: _____
Project Number: _____
Weather: 50° sunny, 10 MPH wind
Ambient Noise: 65.0

Community Air Monitoring Plan / Noise Field Log

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 902685
User ID: 00000001 Site ID: 00000095
Data Points: 256 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 11/30/2011 10:19

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)					
High Alarm Levels:	100	100	100					
Low Alarm Levels:	50	50	50					
<hr/>								
Line#	Date	Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm
1	11/30/2011	11:08	0.5		0.5		0.6	
2	11/30/2011	11:09	0.4		0.4		0.5	
3	11/30/2011	11:10	0.3		0.3		0.4	
4	11/30/2011	11:11	0.3		0.3		0.4	
5	11/30/2011	11:12	0.2		0.2		0.3	
6	11/30/2011	11:13	0.3		0.3		0.3	
7	11/30/2011	11:14	0.2		0.2		0.3	
8	11/30/2011	11:15	0.2		0.2		0.3	
9	11/30/2011	11:16	0.2		0.2		0.3	
10	11/30/2011	11:17	0.2		0.2		0.3	
11	11/30/2011	11:18	0.2		0.2		0.3	
12	11/30/2011	11:19	0.2		0.2		0.3	
13	11/30/2011	11:20	0.2		0.2		0.2	
14	11/30/2011	11:21	0.2		0.2		0.2	
15	11/30/2011	11:22	0.2		0.2		0.2	
16	11/30/2011	11:23	0.2		0.2		0.2	
17	11/30/2011	11:24	0.2		0.2		0.2	
18	11/30/2011	11:25	0.2		0.2		0.2	
19	11/30/2011	11:26	0.2		0.2		0.2	
20	11/30/2011	11:27	0.1		0.1		0.2	
21	11/30/2011	11:28	0.1		0.1		0.2	
22	11/30/2011	11:29	0.1		0.1		0.2	
23	11/30/2011	11:30	0.1		0.1		0.2	
24	11/30/2011	11:31	0.1		0.1		0.2	
25	11/30/2011	11:32	0.1		0.1		0.2	
26	11/30/2011	11:33	0.1		0.1		0.3	
27	11/30/2011	11:34	0.1		0.1		0.3	
28	11/30/2011	11:35	0.1		0.1		0.3	
29	11/30/2011	11:36	0.1		0.1		0.3	
30	11/30/2011	11:37	0.1		0.1		0.2	
31	11/30/2011	11:38	0.1		0.1		0.2	
32	11/30/2011	11:39	0.2		0.2		0.2	
33	11/30/2011	11:40	0.1		0.1		0.2	
34	11/30/2011	11:41	0.1		0.1		0.2	
35	11/30/2011	11:42	0.1		0.1		0.2	
36	11/30/2011	11:43	0.2		0.2		0.2	
37	11/30/2011	11:44	0.2		0.2		0.2	
38	11/30/2011	11:45	0.2		0.2		0.2	
39	11/30/2011	11:46	0.2		0.2		0.2	
40	11/30/2011	11:47	0.2		0.2		0.2	
41	11/30/2011	11:48	0.2		0.2		0.2	
42	11/30/2011	11:49	0.2		0.2		0.2	
43	11/30/2011	11:50	0.2		0.2		0.2	
44	11/30/2011	11:51	0.2		0.2		0.2	
45	11/30/2011	11:52	0.2		0.2		0.2	
46	11/30/2011	11:53	0.2		0.2		0.2	
47	11/30/2011	11:54	0.2		0.2		0.2	
48	11/30/2011	11:55	0.2		0.2		0.2	
49	11/30/2011	11:56	0.2		0.2		0.2	
50	11/30/2011	11:57	0.2		0.2		0.2	
51	11/30/2011	11:58	0.2		0.2		0.2	
52	11/30/2011	11:59	0.2		0.2		0.2	
53	11/30/2011	12:00	0.2		0.2		0.2	
54	11/30/2011	12:01	0.1		0.1		0.2	
55	11/30/2011	12:02	0.1		0.1		0.2	
56	11/30/2011	12:03	0.1		0.1		0.2	
57	11/30/2011	12:04	0.1		0.1		0.2	
58	11/30/2011	12:05	0.1		0.1		0.2	

59	11/30/2011 12:06	0.1	0.1	0.2
60	11/30/2011 12:07	0.1	0.1	0.2
61	11/30/2011 12:08	0.1	0.1	0.2
62	11/30/2011 12:09	0.1	0.1	0.2
63	11/30/2011 12:10	0.1	0.1	0.2
64	11/30/2011 12:11	0.1	0.1	0.2
65	11/30/2011 12:12	0.1	0.1	0.2
66	11/30/2011 12:13	0.1	0.1	0.2
67	11/30/2011 12:14	0.1	0.1	0.2
68	11/30/2011 12:15	0.1	0.1	0.2
69	11/30/2011 12:16	0.1	0.1	0.2
70	11/30/2011 12:17	0.1	0.1	0.2
71	11/30/2011 12:18	0.1	0.1	0.2
72	11/30/2011 12:19	0.1	0.1	0.2
73	11/30/2011 12:20	0.1	0.1	0.2
74	11/30/2011 12:21	0.1	0.1	0.2
75	11/30/2011 12:22	0.1	0.1	0.2
76	11/30/2011 12:23	0.1	0.1	0.2
77	11/30/2011 12:24	0.1	0.1	0.1
78	11/30/2011 12:25	0.1	0.1	0.1
79	11/30/2011 12:26	0.1	0.1	0.1
80	11/30/2011 12:27	0.1	0.1	0.1
81	11/30/2011 12:28	0.1	0.1	0.1
82	11/30/2011 12:29	0.1	0.1	0.1
83	11/30/2011 12:30	0.1	0.1	0.1
84	11/30/2011 12:31	0.1	0.1	0.1
85	11/30/2011 12:32	0.1	0.1	0.1
86	11/30/2011 12:33	0.1	0.1	0.1
87	11/30/2011 12:34	0.1	0.1	0.1
88	11/30/2011 12:35	0.1	0.1	0.1
89	11/30/2011 12:36	0.1	0.1	0.1
90	11/30/2011 12:37	0.1	0.1	0.1
91	11/30/2011 12:38	0.1	0.1	0.1
92	11/30/2011 12:39	0.1	0.1	0.1
93	11/30/2011 12:40	0.1	0.1	0.1
94	11/30/2011 12:41	0.1	0.1	0.1
95	11/30/2011 12:42	0	0	0.1
96	11/30/2011 12:43	0	0	0.1
97	11/30/2011 12:44	0	0	0.1
98	11/30/2011 12:45	0	0	0.1
99	11/30/2011 12:46	0	0	0.1
100	11/30/2011 12:47	0	0	0.1
101	11/30/2011 12:48	0	0	0.1
102	11/30/2011 12:49	0	0	0.1
103	11/30/2011 12:50	0	0	0.1
104	11/30/2011 12:51	0	0	0.1
105	11/30/2011 12:52	0	0	0.1
106	11/30/2011 12:53	0	0	0.1
107	11/30/2011 12:54	0	0	0.1
108	11/30/2011 12:55	0	0	0.1
109	11/30/2011 12:56	0	0	0.1
110	11/30/2011 12:57	0	0	0.1
111	11/30/2011 12:58	0	0	0.1
112	11/30/2011 12:59	0	0	0.1
113	11/30/2011 13:00	0	0	0.1
114	11/30/2011 13:01	0	0	0.1
115	11/30/2011 13:02	0	0	0.1
116	11/30/2011 13:03	0	0	0.1
117	11/30/2011 13:04	0	0	0.1
118	11/30/2011 13:05	0	0	0.1
119	11/30/2011 13:06	0	0	0.1
120	11/30/2011 13:07	0	0	0.1
121	11/30/2011 13:08	0	0	0.1
122	11/30/2011 13:09	0	0	0.1
123	11/30/2011 13:10	0	0	0.1
124	11/30/2011 13:11	0	0	0.1
125	11/30/2011 13:12	0	0	0.1
126	11/30/2011 13:13	0	0	0.1
127	11/30/2011 13:14	0	0	0.1

128	11/30/2011 13:15	0	0	0.1
129	11/30/2011 13:16	0	0	0.1
130	11/30/2011 13:17	0	0	0.1
131	11/30/2011 13:18	0	0	0.1
132	11/30/2011 13:19	0	0	0.1
133	11/30/2011 13:20	0	0	0.1
134	11/30/2011 13:21	0	0	0.1
135	11/30/2011 13:22	0	0	0.1
136	11/30/2011 13:23	0	0	0.1
137	11/30/2011 13:24	0	0	0.1
138	11/30/2011 13:25	0	0	0.1
139	11/30/2011 13:26	0	0	0.1
140	11/30/2011 13:27	0	0	0.1
141	11/30/2011 13:28	0	0	0.1
142	11/30/2011 13:29	0	0	0.1
143	11/30/2011 13:30	0	0	0.1
144	11/30/2011 13:31	0	0	0.1
145	11/30/2011 13:32	0	0	0.1
146	11/30/2011 13:33	0	0	0.1
147	11/30/2011 13:34	0	0	0.1
148	11/30/2011 13:35	0	0	0.1
149	11/30/2011 13:36	0	0	0.1
150	11/30/2011 13:37	0	0	0.1
151	11/30/2011 13:38	0	0	0.1
152	11/30/2011 13:39	0	0	0.1
153	11/30/2011 13:40	0	0	0.1
154	11/30/2011 13:41	0	0	0.1
155	11/30/2011 13:42	0	0	0.1
156	11/30/2011 13:43	0	0	0.1
157	11/30/2011 13:44	0	0	0.1
158	11/30/2011 13:45	0	0	0.1
159	11/30/2011 13:46	0	0	0
160	11/30/2011 13:47	0	0	0
161	11/30/2011 13:48	0	0	0
162	11/30/2011 13:49	0	0	0
163	11/30/2011 13:50	0	0	0
164	11/30/2011 13:51	0	0	0
165	11/30/2011 13:52	0	0	0.1
166	11/30/2011 13:53	0	0	0
167	11/30/2011 13:54	0	0	0
168	11/30/2011 13:55	0	0	0
169	11/30/2011 13:56	0	0	0
170	11/30/2011 13:57	0	0	0
171	11/30/2011 13:58	0	0	0
172	11/30/2011 13:59	0	0	0
173	11/30/2011 14:00	0	0	0
174	11/30/2011 14:01	0	0	0
175	11/30/2011 14:02	0	0	0
176	11/30/2011 14:03	0	0	0
177	11/30/2011 14:04	0	0	0
178	11/30/2011 14:05	0	0	0
179	11/30/2011 14:06	0	0	0
180	11/30/2011 14:07	0	0	0
181	11/30/2011 14:08	0	0	0
182	11/30/2011 14:09	0	0	0
183	11/30/2011 14:10	0	0	0
184	11/30/2011 14:11	0	0	0
185	11/30/2011 14:12	0	0	0
186	11/30/2011 14:13	0	0	0
187	11/30/2011 14:14	0	0	0
188	11/30/2011 14:15	0	0	0
189	11/30/2011 14:16	0	0	0
190	11/30/2011 14:17	0	0	0
191	11/30/2011 14:18	0	0	0
192	11/30/2011 14:19	0	0	0
193	11/30/2011 14:20	0	0	0
194	11/30/2011 14:21	0	0	0
195	11/30/2011 14:22	0	0	0
196	11/30/2011 14:23	0	0	0

197	11/30/2011 14:24	0	0	0
198	11/30/2011 14:25	0	0	0
199	11/30/2011 14:26	0	0	0
200	11/30/2011 14:27	0	0	0
201	11/30/2011 14:28	0	0	0
202	11/30/2011 14:29	0	0	0
203	11/30/2011 14:30	0	0	0
204	11/30/2011 14:31	0	0	0
205	11/30/2011 14:32	0	0	0
206	11/30/2011 14:33	0	0	0
207	11/30/2011 14:34	0	0	0
208	11/30/2011 14:35	0	0	0
209	11/30/2011 14:36	0	0	0
210	11/30/2011 14:37	0	0	0
211	11/30/2011 14:38	0	0	0
212	11/30/2011 14:39	0	0	0
213	11/30/2011 14:40	0	0	0
214	11/30/2011 14:41	0	0	0
215	11/30/2011 14:42	0	0	0
216	11/30/2011 14:43	0	0	0
217	11/30/2011 14:44	0	0	0
218	11/30/2011 14:45	0	0	0
219	11/30/2011 14:46	0	0	0
220	11/30/2011 14:47	0	0	0
221	11/30/2011 14:48	0	0	0
222	11/30/2011 14:49	0	0	0
223	11/30/2011 14:50	0	0	0
224	11/30/2011 14:51	0	0	0
225	11/30/2011 14:52	0	0	0
226	11/30/2011 14:53	0	0	0
227	11/30/2011 14:54	0	0	0
228	11/30/2011 14:55	0	0	0
229	11/30/2011 14:56	0	0	0
230	11/30/2011 14:57	0	0	0
231	11/30/2011 14:58	0	0	0
232	11/30/2011 14:59	0	0	0
233	11/30/2011 15:00	0	0	0
234	11/30/2011 15:01	0	0	0
235	11/30/2011 15:02	0	0	0
236	11/30/2011 15:03	0	0	0
237	11/30/2011 15:04	0	0	0
238	11/30/2011 15:05	0	0	0
239	11/30/2011 15:06	0	0	0
240	11/30/2011 15:07	0	0	0
241	11/30/2011 15:08	0	0	0
242	11/30/2011 15:09	0	0	0
243	11/30/2011 15:10	0	0	0
244	11/30/2011 15:11	0	0	0
245	11/30/2011 15:12	0	0	0
246	11/30/2011 15:13	0	0	0
247	11/30/2011 15:14	0	0	0
248	11/30/2011 15:15	0	0	0
249	11/30/2011 15:16	0	0	0
250	11/30/2011 15:17	0	0	0
251	11/30/2011 15:18	0	0	0
252	11/30/2011 15:19	0	0	0
253	11/30/2011 15:20	0	0	0
254	11/30/2011 15:21	0	0	0
255	11/30/2011 15:22	0	0	0
256	11/30/2011 15:23	0	0	0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 005724
User ID: 00000001 Site ID: 000000214
Data Points: 253 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 11/30/2011 10:17

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)					
High Alarm Levels:	100	100	100					
Low Alarm Levels:	50	50	50					
=====								
Line#	Date	Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm
1	11/30/2011	11:10	1.1		1.2		1.4	
2	11/30/2011	11:11	0.8		0.9		1.1	
3	11/30/2011	11:12	0.8		1.1		1.4	
4	11/30/2011	11:13	1.1		1.2		1.4	
5	11/30/2011	11:14	0.9		1		1.3	
6	11/30/2011	11:15	0.7		0.8		1.1	
7	11/30/2011	11:16	0.6		0.6		0.7	
8	11/30/2011	11:17	0.5		0.5		0.6	
9	11/30/2011	11:18	0.5		0.5		0.5	
10	11/30/2011	11:19	0.4		0.4		0.5	
11	11/30/2011	11:20	0.4		0.4		0.5	
12	11/30/2011	11:21	0.4		0.4		0.4	
13	11/30/2011	11:22	0.4		0.4		0.4	
14	11/30/2011	11:23	0.3		0.3		0.4	
15	11/30/2011	11:24	0.3		0.3		0.4	
16	11/30/2011	11:25	0.3		0.3		0.4	
17	11/30/2011	11:26	0.3		0.3		0.4	
18	11/30/2011	11:27	0.3		0.3		0.4	
19	11/30/2011	11:28	0.3		0.3		0.4	
20	11/30/2011	11:29	0.3		0.3		0.3	
21	11/30/2011	11:30	0.3		0.3		0.3	
22	11/30/2011	11:31	0.3		0.3		0.3	
23	11/30/2011	11:32	0.3		0.3		0.3	
24	11/30/2011	11:33	0.3		0.3		0.3	
25	11/30/2011	11:34	0.3		0.3		0.3	
26	11/30/2011	11:35	0.3		0.3		0.3	
27	11/30/2011	11:36	0.3		0.3		0.3	
28	11/30/2011	11:37	0.2		0.2		0.3	
29	11/30/2011	11:38	0.2		0.2		0.3	
30	11/30/2011	11:39	0.2		0.2		0.3	
31	11/30/2011	11:40	0.3		0.3		0.3	
32	11/30/2011	11:41	0.3		0.3		0.3	
33	11/30/2011	11:42	0.3		0.3		0.3	
34	11/30/2011	11:43	0.3		0.3		0.3	
35	11/30/2011	11:44	0.3		0.3		0.3	
36	11/30/2011	11:45	0.3		0.3		0.3	
37	11/30/2011	11:46	0.3		0.3		0.3	
38	11/30/2011	11:47	0.3		0.3		0.3	
39	11/30/2011	11:48	0.3		0.3		0.3	
40	11/30/2011	11:49	0.2		0.2		0.3	
41	11/30/2011	11:50	0.2		0.2		0.3	
42	11/30/2011	11:51	0.3		0.3		0.3	
43	11/30/2011	11:52	0.3		0.3		0.3	
44	11/30/2011	11:53	0.3		0.3		0.3	
45	11/30/2011	11:54	0.3		0.3		0.3	
46	11/30/2011	11:55	0.2		0.2		0.3	
47	11/30/2011	11:56	0.2		0.2		0.3	
48	11/30/2011	11:57	0.2		0.2		0.3	
49	11/30/2011	11:58	0.3		0.3		0.3	
50	11/30/2011	11:59	0.3		0.3		0.3	
51	11/30/2011	12:00	0.3		0.3		0.3	
52	11/30/2011	12:01	0.3		0.3		0.3	
53	11/30/2011	12:02	0.2		0.2		0.3	
54	11/30/2011	12:03	0.2		0.2		0.3	
55	11/30/2011	12:04	0.2		0.2		0.3	
56	11/30/2011	12:05	0.2		0.2		0.3	
57	11/30/2011	12:06	0.2		0.2		0.3	
58	11/30/2011	12:07	0.2		0.2		0.3	

59	11/30/2011 12:08	0.2	0.2	0.3
60	11/30/2011 12:09	0.3	0.4	0.9
61	11/30/2011 12:10	0.3	0.3	0.3
62	11/30/2011 12:11	0.2	0.2	0.3
63	11/30/2011 12:12	0.2	0.2	0.3
64	11/30/2011 12:13	0.2	0.2	0.3
65	11/30/2011 12:14	0.2	0.2	0.3
66	11/30/2011 12:15	0.2	0.2	0.3
67	11/30/2011 12:16	0.2	0.2	0.3
68	11/30/2011 12:17	0.2	0.2	0.3
69	11/30/2011 12:18	0.2	0.2	0.3
70	11/30/2011 12:19	0.2	0.2	0.3
71	11/30/2011 12:20	0.2	0.2	0.3
72	11/30/2011 12:21	0.2	0.2	0.3
73	11/30/2011 12:22	0.2	0.2	0.3
74	11/30/2011 12:23	0.2	0.2	0.3
75	11/30/2011 12:24	0.2	0.2	0.3
76	11/30/2011 12:25	0.2	0.2	0.2
77	11/30/2011 12:26	0.2	0.2	0.2
78	11/30/2011 12:27	0.2	0.2	0.2
79	11/30/2011 12:28	0.2	0.2	0.2
80	11/30/2011 12:29	0.2	0.2	0.2
81	11/30/2011 12:30	0.2	0.2	0.3
82	11/30/2011 12:31	0.2	0.2	0.3
83	11/30/2011 12:32	0.2	0.2	0.2
84	11/30/2011 12:33	0.2	0.2	0.2
85	11/30/2011 12:34	0.2	0.2	0.3
86	11/30/2011 12:35	0.2	0.2	0.3
87	11/30/2011 12:36	0.2	0.2	0.3
88	11/30/2011 12:37	0.2	0.2	0.3
89	11/30/2011 12:38	0.2	0.2	0.2
90	11/30/2011 12:39	0.2	0.2	0.3
91	11/30/2011 12:40	0.2	0.2	0.2
92	11/30/2011 12:41	0.2	0.2	0.2
93	11/30/2011 12:42	0.2	0.2	0.2
94	11/30/2011 12:43	0.2	0.2	0.2
95	11/30/2011 12:44	0.2	0.2	0.2
96	11/30/2011 12:45	0.2	0.2	0.2
97	11/30/2011 12:46	0.2	0.2	0.2
98	11/30/2011 12:47	0.2	0.2	0.2
99	11/30/2011 12:48	0.2	0.2	0.2
100	11/30/2011 12:49	0.2	0.2	0.2
101	11/30/2011 12:50	0.2	0.2	0.2
102	11/30/2011 12:51	0.2	0.2	0.2
103	11/30/2011 12:52	0.2	0.2	0.2
104	11/30/2011 12:53	0.2	0.2	0.2
105	11/30/2011 12:54	0.2	0.2	0.3
106	11/30/2011 12:55	0.2	0.2	0.2
107	11/30/2011 12:56	0.2	0.2	0.2
108	11/30/2011 12:57	0.2	0.2	0.2
109	11/30/2011 12:58	0.2	0.2	0.2
110	11/30/2011 12:59	0.2	0.2	0.2
111	11/30/2011 13:00	0.2	0.2	0.2
112	11/30/2011 13:01	0.2	0.2	0.2
113	11/30/2011 13:02	0.2	0.2	0.2
114	11/30/2011 13:03	0.2	0.2	0.2
115	11/30/2011 13:04	0.2	0.2	0.2
116	11/30/2011 13:05	0.2	0.2	0.2
117	11/30/2011 13:06	0.2	0.2	0.2
118	11/30/2011 13:07	0.2	0.2	0.2
119	11/30/2011 13:08	0.2	0.2	0.2
120	11/30/2011 13:09	0.2	0.2	0.2
121	11/30/2011 13:10	0.2	0.2	0.2
122	11/30/2011 13:11	0.2	0.2	0.2
123	11/30/2011 13:12	0.2	0.2	0.2
124	11/30/2011 13:13	0.2	0.2	0.2
125	11/30/2011 13:14	0.2	0.2	0.2
126	11/30/2011 13:15	0.2	0.2	0.2
127	11/30/2011 13:16	0.2	0.2	0.2

128	11/30/2011 13:17	0.2	0.2	0.2
129	11/30/2011 13:18	0.2	0.2	0.2
130	11/30/2011 13:19	0.2	0.2	0.2
131	11/30/2011 13:20	0.2	0.2	0.2
132	11/30/2011 13:21	0.2	0.2	0.2
133	11/30/2011 13:22	0.2	0.2	0.2
134	11/30/2011 13:23	0.2	0.2	0.2
135	11/30/2011 13:24	0.2	0.2	0.2
136	11/30/2011 13:25	0.2	0.2	0.2
137	11/30/2011 13:26	0.2	0.2	0.2
138	11/30/2011 13:27	0.2	0.2	0.2
139	11/30/2011 13:28	0.2	0.2	0.2
140	11/30/2011 13:29	0.2	0.2	0.2
141	11/30/2011 13:30	0.2	0.2	0.2
142	11/30/2011 13:31	0.2	0.2	0.2
143	11/30/2011 13:32	0.2	0.2	0.2
144	11/30/2011 13:33	0.2	0.2	0.3
145	11/30/2011 13:34	0.2	0.2	0.2
146	11/30/2011 13:35	0.2	0.2	0.2
147	11/30/2011 13:36	0.2	0.2	0.2
148	11/30/2011 13:37	0.2	0.2	0.2
149	11/30/2011 13:38	0.2	0.2	0.2
150	11/30/2011 13:39	0.2	0.2	0.3
151	11/30/2011 13:40	0.2	0.2	0.2
152	11/30/2011 13:41	0.2	0.2	0.2
153	11/30/2011 13:42	0.2	0.2	0.2
154	11/30/2011 13:43	0.2	0.2	0.2
155	11/30/2011 13:44	0.2	0.2	0.3
156	11/30/2011 13:45	0.2	0.2	0.2
157	11/30/2011 13:46	0.2	0.2	0.3
158	11/30/2011 13:47	0.2	0.2	0.3
159	11/30/2011 13:48	0.2	0.2	0.3
160	11/30/2011 13:49	0.2	0.2	0.3
161	11/30/2011 13:50	0.2	0.2	0.3
162	11/30/2011 13:51	0.2	0.2	0.3
163	11/30/2011 13:52	0.2	0.2	0.3
164	11/30/2011 13:53	0.2	0.2	0.2
165	11/30/2011 13:54	0.2	0.2	0.2
166	11/30/2011 13:55	0.2	0.2	0.2
167	11/30/2011 13:56	0.2	0.2	0.2
168	11/30/2011 13:57	0.2	0.2	0.2
169	11/30/2011 13:58	0.2	0.2	0.2
170	11/30/2011 13:59	0.2	0.2	0.2
171	11/30/2011 14:00	0.2	0.2	0.2
172	11/30/2011 14:01	0.2	0.2	0.3
173	11/30/2011 14:02	0.2	0.2	0.3
174	11/30/2011 14:03	0.2	0.2	0.3
175	11/30/2011 14:04	0.2	0.2	0.3
176	11/30/2011 14:05	0.2	0.2	0.3
177	11/30/2011 14:06	0.2	0.2	0.2
178	11/30/2011 14:07	0.2	0.2	0.2
179	11/30/2011 14:08	0.2	0.2	0.2
180	11/30/2011 14:09	0.2	0.2	0.2
181	11/30/2011 14:10	0.2	0.2	0.2
182	11/30/2011 14:11	0.2	0.2	0.3
183	11/30/2011 14:12	0.2	0.2	0.2
184	11/30/2011 14:13	0.2	0.2	0.2
185	11/30/2011 14:14	0.2	0.2	0.2
186	11/30/2011 14:15	0.2	0.2	0.3
187	11/30/2011 14:16	0.2	0.2	0.2
188	11/30/2011 14:17	0.2	0.2	0.2
189	11/30/2011 14:18	0.2	0.2	0.2
190	11/30/2011 14:19	0.2	0.2	0.2
191	11/30/2011 14:20	0.2	0.2	0.3
192	11/30/2011 14:21	0.2	0.2	0.3
193	11/30/2011 14:22	0.2	0.2	0.2
194	11/30/2011 14:23	0.2	0.2	0.2
195	11/30/2011 14:24	0.2	0.2	0.3
196	11/30/2011 14:25	0.2	0.2	0.3

197	11/30/2011 14:26	0.2	0.2	0.2
198	11/30/2011 14:27	0.2	0.2	0.2
199	11/30/2011 14:28	0.2	0.2	0.2
200	11/30/2011 14:29	0.2	0.2	0.2
201	11/30/2011 14:30	0.2	0.2	0.2
202	11/30/2011 14:31	0.2	0.2	0.2
203	11/30/2011 14:32	0.2	0.2	0.3
204	11/30/2011 14:33	0.2	0.2	0.2
205	11/30/2011 14:34	0.2	0.2	0.3
206	11/30/2011 14:35	0.2	0.2	0.3
207	11/30/2011 14:36	0.2	0.2	0.3
208	11/30/2011 14:37	0.2	0.2	0.3
209	11/30/2011 14:38	0.2	0.2	0.3
210	11/30/2011 14:39	0.2	0.2	0.3
211	11/30/2011 14:40	0.2	0.2	0.3
212	11/30/2011 14:41	0.2	0.2	0.3
213	11/30/2011 14:42	0.2	0.2	0.3
214	11/30/2011 14:43	0.2	0.2	0.3
215	11/30/2011 14:44	0.2	0.2	0.3
216	11/30/2011 14:45	0.2	0.2	0.2
217	11/30/2011 14:46	0.2	0.2	0.3
218	11/30/2011 14:47	0.2	0.2	0.3
219	11/30/2011 14:48	0.2	0.2	0.3
220	11/30/2011 14:49	0.2	0.2	0.2
221	11/30/2011 14:50	0.2	0.2	0.3
222	11/30/2011 14:51	0.2	0.2	0.2
223	11/30/2011 14:52	0.2	0.2	0.3
224	11/30/2011 14:53	0.2	0.2	0.3
225	11/30/2011 14:54	0.2	0.2	0.3
226	11/30/2011 14:55	0.2	0.2	0.2
227	11/30/2011 14:56	0.2	0.2	0.3
228	11/30/2011 14:57	0.2	0.2	0.3
229	11/30/2011 14:58	0.2	0.2	0.2
230	11/30/2011 14:59	0.2	0.2	0.2
231	11/30/2011 15:00	0.2	0.2	0.3
232	11/30/2011 15:01	0.2	0.2	0.2
233	11/30/2011 15:02	0.2	0.2	0.3
234	11/30/2011 15:03	0.2	0.2	0.3
235	11/30/2011 15:04	0.2	0.2	0.3
236	11/30/2011 15:05	0.2	0.2	0.3
237	11/30/2011 15:06	0.2	0.2	0.3
238	11/30/2011 15:07	0.2	0.2	0.3
239	11/30/2011 15:08	0.2	0.2	0.2
240	11/30/2011 15:09	0.2	0.2	0.2
241	11/30/2011 15:10	0.2	0.2	0.2
242	11/30/2011 15:11	0.2	0.2	0.2
243	11/30/2011 15:12	0.2	0.2	0.2
244	11/30/2011 15:13	0.2	0.2	0.2
245	11/30/2011 15:14	0.1	0.2	0.3
246	11/30/2011 15:15	0.2	0.2	0.2
247	11/30/2011 15:16	0.2	0.2	0.2
248	11/30/2011 15:17	0.2	0.2	0.3
249	11/30/2011 15:18	0.2	0.2	0.2
250	11/30/2011 15:19	0.2	0.2	0.3
251	11/30/2011 15:20	0.2	0.2	0.3
252	11/30/2011 15:21	0.2	0.2	0.2
253	11/30/2011 15:22	0.2	0.2	0.3

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530113009
 Firmware Version 2.8
 Calibration Date 7/21/2011
 Test Name MANUAL_001
 Test Start Time 11:05:00 AM
 Test Start Date 11/30/2011
 Test Length [D:H:M] 0:04:17
 Test Interval [M:S] 1:00
 Mass Average [mg/m³] 0.032
 Mass Minimum [mg/m³] 0.009
 Mass Maximum [mg/m³] 0.288
 Mass TWA [mg/m³] 0.017
 Photometric User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 257

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
60	0.018		
120	0.012		
180	0.013		
240	0.019		
300	0.016		
360	0.019		
420	0.018		
480	0.288		
540	0.028		
600	0.027		
660	0.024		
720	0.038		
780	0.012		
840	0.016		
900	0.013		
960	0.088		
1020	0.015		
1080	0.013		
1140	0.013		
1200	0.013		
1260	0.009		
1320	0.017		
1380	0.016		
1440	0.021		
1500	0.012		
1560	0.011		
1620	0.013		
1680	0.059		
1740	0.039		
1800	0.038		
1860	0.045		
1920	0.064		
1980	0.041		
2040	0.026		
2100	0.029		
2160	0.049		
2220	0.039		
2280	0.059		
2340	0.081		
2400	0.057		
2460	0.042		
2520	0.04		
2580	0.061		
2640	0.034		
2700	0.039		
2760	0.032		
2820	0.034		
2880	0.015		
2940	0.028		

3000	0.036
3060	0.059
3120	0.054
3180	0.051
3240	0.049
3300	0.052
3360	0.065
3420	0.024
3480	0.013
3540	0.026
3600	0.015
3660	0.024
3720	0.038
3780	0.05
3840	0.033
3900	0.045
3960	0.024
4020	0.011
4080	0.019
4140	0.056
4200	0.023
4260	0.015
4320	0.019
4380	0.017
4440	0.02
4500	0.022
4560	0.041
4620	0.014
4680	0.011
4740	0.026
4800	0.016
4860	0.013
4920	0.027
4980	0.023
5040	0.02
5100	0.017
5160	0.021
5220	0.013
5280	0.02
5340	0.021
5400	0.012
5460	0.041
5520	0.014
5580	0.013
5640	0.018
5700	0.011
5760	0.012
5820	0.01
5880	0.012
5940	0.011
6000	0.012
6060	0.011
6120	0.014
6180	0.012
6240	0.011
6300	0.012
6360	0.014
6420	0.015
6480	0.01
6540	0.01
6600	0.012
6660	0.014
6720	0.011
6780	0.012
6840	0.014
6900	0.016
6960	0.014
7020	0.012
7080	0.014

7140	0.021
7200	0.047
7260	0.036
7320	0.036
7380	0.031
7440	0.026
7500	0.039
7560	0.05
7620	0.049
7680	0.04
7740	0.029
7800	0.064
7860	0.034
7920	0.029
7980	0.03
8040	0.025
8100	0.033
8160	0.026
8220	0.034
8280	0.052
8340	0.029
8400	0.02
8460	0.014
8520	0.017
8580	0.022
8640	0.034
8700	0.055
8760	0.047
8820	0.032
8880	0.037
8940	0.038
9000	0.043
9060	0.023
9120	0.031
9180	0.04
9240	0.048
9300	0.044
9360	0.043
9420	0.039
9480	0.043
9540	0.034
9600	0.038
9660	0.055
9720	0.084
9780	0.042
9840	0.03
9900	0.032
9960	0.031
10020	0.046
10080	0.033
10140	0.023
10200	0.022
10260	0.015
10320	0.016
10380	0.015
10440	0.021
10500	0.025
10560	0.023
10620	0.028
10680	0.045
10740	0.059
10800	0.051
10860	0.052
10920	0.033
10980	0.025
11040	0.044
11100	0.046
11160	0.047
11220	0.057

11280	0.059
11340	0.048
11400	0.039
11460	0.027
11520	0.023
11580	0.027
11640	0.052
11700	0.03
11760	0.047
11820	0.037
11880	0.045
11940	0.03
12000	0.05
12060	0.049
12120	0.035
12180	0.02
12240	0.037
12300	0.037
12360	0.03
12420	0.042
12480	0.06
12540	0.045
12600	0.039
12660	0.024
12720	0.034
12780	0.031
12840	0.029
12900	0.044
12960	0.034
13020	0.047
13080	0.045
13140	0.089
13200	0.059
13260	0.109
13320	0.052
13380	0.051
13440	0.025
13500	0.022
13560	0.035
13620	0.049
13680	0.034
13740	0.042
13800	0.021
13860	0.026
13920	0.03
13980	0.024
14040	0.021
14100	0.026
14160	0.026
14220	0.023
14280	0.021
14340	0.02
14400	0.019
14460	0.07
14520	0.019
14580	0.019
14640	0.023
14700	0.025
14760	0.023
14820	0.028
14880	0.04
14940	0.029
15000	0.03
15060	0.022
15120	0.025
15180	0.02
15240	0.03
15300	0.04
15360	0.032

15420 0.029

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530113010
 Firmware Version 2.8
 Calibration Date 7/21/2011
 Test Name MANUAL_001
 Test Start Time 11:10:17 AM
 Test Start Date 11/30/2011
 Test Length [D:H:M] 0:04:14
 Test Interval [M:S] 1:00
 Mass Average [mg/m³] 0.039
 Mass Minimum [mg/m³] 0.007
 Mass Maximum [mg/m³] 1.77
 Mass TWA [mg/m³] 0.02
 Photometric User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 254

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
60	0.508		
120	0.273		
180	0.108		
240	0.256		
300	0.078		
360	0.169		
420	0.054		
480	0.034		
540	0.03		
600	0.057		
660	0.022		
720	0.036		
780	0.015		
840	0.018		
900	0.017		
960	0.012		
1020	0.018		
1080	0.01		
1140	0.009		
1200	0.023		
1260	0.022		
1320	0.017		
1380	0.01		
1440	0.018		
1500	0.033		
1560	0.041		
1620	0.037		
1680	0.045		
1740	0.15		
1800	0.059		
1860	0.033		
1920	0.024		
1980	0.029		
2040	0.056		
2100	0.033		
2160	0.06		
2220	0.058		
2280	0.059		
2340	0.03		
2400	0.027		
2460	0.044		
2520	0.02		
2580	0.039		
2640	0.018		
2700	0.021		
2760	0.009		
2820	0.017		
2880	0.019		
2940	0.059		

3000	0.046
3060	0.047
3120	0.036
3180	0.053
3240	0.056
3300	0.016
3360	0.02
3420	0.025
3480	0.017
3540	0.037
3600	0.033
3660	0.037
3720	0.037
3780	0.031
3840	0.026
3900	0.019
3960	0.037
4020	0.053
4080	0.017
4140	0.011
4200	0.012
4260	0.02
4320	0.02
4380	0.024
4440	0.029
4500	0.015
4560	0.012
4620	0.024
4680	0.009
4740	0.014
4800	0.022
4860	0.027
4920	0.025
4980	0.016
5040	0.011
5100	0.01
5160	0.023
5220	0.012
5280	0.016
5340	0.037
5400	0.012
5460	0.015
5520	0.012
5580	0.01
5640	0.012
5700	0.007
5760	0.018
5820	0.01
5880	0.01
5940	0.008
6000	0.01
6060	0.008
6120	0.008
6180	0.009
6240	0.009
6300	0.009
6360	0.083
6420	0.009
6480	0.01
6540	0.01
6600	0.007
6660	0.01
6720	0.015
6780	0.016
6840	0.01
6900	0.009
6960	0.009
7020	0.038
7080	0.037

7140	0.026
7200	0.027
7260	0.019
7320	0.014
7380	0.039
7440	0.036
7500	0.02
7560	0.023
7620	0.031
7680	0.036
7740	0.025
7800	0.018
7860	0.021
7920	0.012
7980	0.018
8040	0.03
8100	0.017
8160	0.025
8220	0.019
8280	0.011
8340	0.012
8400	0.014
8460	0.012
8520	0.033
8580	0.035
8640	0.035
8700	0.019
8760	0.027
8820	0.031
8880	0.021
8940	0.017
9000	0.021
9060	0.044
9120	0.037
9180	0.043
9240	0.03
9300	0.032
9360	0.073
9420	0.025
9480	0.032
9540	0.048
9600	0.054
9660	0.026
9720	0.026
9780	0.02
9840	0.023
9900	0.038
9960	0.018
10020	0.021
10080	0.011
10140	0.013
10200	0.011
10260	0.012
10320	0.017
10380	0.017
10440	0.016
10500	0.026
10560	0.035
10620	0.036
10680	0.04
10740	0.039
10800	0.027
10860	0.02
10920	0.041
10980	0.044
11040	0.037
11100	0.055
11160	0.055
11220	0.031

11280	0.032
11340	0.013
11400	0.016
11460	0.025
11520	0.028
11580	0.018
11640	0.023
11700	0.036
11760	0.037
11820	0.039
11880	0.056
11940	0.027
12000	0.027
12060	0.016
12120	0.027
12180	0.029
12240	0.054
12300	0.04
12360	1.77
12420	0.045
12480	0.02
12540	0.022
12600	0.023
12660	0.021
12720	0.02
12780	0.041
12840	0.031
12900	0.048
12960	0.042
13020	0.057
13080	0.075
13140	0.072
13200	0.039
13260	0.024
13320	0.021
13380	0.018
13440	0.033
13500	0.022
13560	0.026
13620	0.022
13680	0.019
13740	0.026
13800	0.026
13860	0.021
13920	0.02
13980	0.022
14040	0.021
14100	0.023
14160	0.022
14220	0.018
14280	0.017
14340	0.019
14400	0.016
14460	0.017
14520	0.019
14580	0.021
14640	0.017
14700	0.02
14760	0.032
14820	0.029
14880	0.019
14940	0.018
15000	0.017
15060	0.02
15120	0.027
15180	0.018
15240	0.022

Client: Nati Grid
Location: metropolitan - Lows
Date: 12/11/11
Field Personnel: TS & JE

Project: _____
Project Number: _____
Weather: 40° F - Sunny, 5 mph wind
Ambient Noise: 68.1

Community Air Monitoring Plan / Noise Field Log

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 902685

User ID: 00000001 Site ID: 00000096

Data Points: 2 Gas Name: Isobutylene Sample Period: 60 sec

Last Calibration Time: 12/01/2011 07:10

=====
Measurement Type: Min(ppm) Avg(ppm) Max(ppm)

High Alarm Levels: 100 100 100

Low Alarm Levels: 50 50 50

=====
Line# Date Time Min(ppm) Alarm Avg(ppm) Alarm Max(ppm) Alarm

=====
1 12/1/2011 7:13 0.5 0.7 0.9
2 12/1/2011 7:14 0.5 26.8 99.8 L

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 902685

User ID: 00000001 Site ID: 00000097

Data Points: 232 Gas Name: Isobutylene Sample Period: 60 sec

Last Calibration Time: 12/01/2011 07:10

=====
Measurement Type: Min(ppm) Avg(ppm) Max(ppm)

High Alarm Levels: 100 100 100

Low Alarm Levels: 50 50 50

=====
Line# Date Time Min(ppm) Alarm Avg(ppm) Alarm Max(ppm) Alarm

=====
1 12/1/2011 7:42 0.1 0.1 0.1
2 12/1/2011 7:43 0.1 0.1 0.1
3 12/1/2011 7:44 0.1 0.1 0.1
4 12/1/2011 7:45 0 0 0.1
5 12/1/2011 7:46 0 0 0.1
6 12/1/2011 7:47 0.1 0.1 0.1
7 12/1/2011 7:48 0.1 0.1 0.1
8 12/1/2011 7:49 0 0 0.1
9 12/1/2011 7:50 0.1 0.1 0.1
10 12/1/2011 7:51 0.1 0.1 0.1
11 12/1/2011 7:52 0.1 0.1 0.1
12 12/1/2011 7:53 0.1 0.1 0.1
13 12/1/2011 7:54 0.1 0.1 0.1
14 12/1/2011 7:55 0.1 0.1 0.1
15 12/1/2011 7:56 0.1 0.1 0.1
16 12/1/2011 7:57 0.1 0.1 0.1
17 12/1/2011 7:58 0.1 0.1 0.1
18 12/1/2011 7:59 0.1 0.1 0.1
19 12/1/2011 8:00 0.1 0.1 0.1
20 12/1/2011 8:01 0 0 0.1
21 12/1/2011 8:02 0 0.1 0.2
22 12/1/2011 8:03 0 0.1 0.2
23 12/1/2011 8:04 0 0 0.1
24 12/1/2011 8:05 0 0 0.1
25 12/1/2011 8:06 0.1 0.1 0.1
26 12/1/2011 8:07 0 0 0.1
27 12/1/2011 8:08 0 0 0.1
28 12/1/2011 8:09 0 0 0.1
29 12/1/2011 8:10 0.1 0.1 0.1
30 12/1/2011 8:11 0 0 0.1
31 12/1/2011 8:12 0 0 0.1
32 12/1/2011 8:13 0 0 0.1
33 12/1/2011 8:14 0 0 0.1
34 12/1/2011 8:15 0 0 0.1
35 12/1/2011 8:16 0 0 0.1
36 12/1/2011 8:17 0 0 0.1
37 12/1/2011 8:18 0 0 0.1
38 12/1/2011 8:19 0 0 0.1
39 12/1/2011 8:20 0 0 0.1
40 12/1/2011 8:21 0 0 0.1
41 12/1/2011 8:22 0 0 0.1
42 12/1/2011 8:23 0 0 0.1
43 12/1/2011 8:24 0 0 0
44 12/1/2011 8:25 0 0 0.1
45 12/1/2011 8:26 0 0 0.1
46 12/1/2011 8:27 0 0 0
47 12/1/2011 8:28 0 0 0
48 12/1/2011 8:29 0 0 0
49 12/1/2011 8:30 0 0 0
50 12/1/2011 8:31 0 0 0
51 12/1/2011 8:32 0 0 0
52 12/1/2011 8:33 0 0 0
53 12/1/2011 8:34 0 0 0
54 12/1/2011 8:35 0 0 0
55 12/1/2011 8:36 0 0 0
56 12/1/2011 8:37 0 0 0
57 12/1/2011 8:38 0 0 0
58 12/1/2011 8:39 0 0 0

59	12/1/2011 8:40	0	0	0
60	12/1/2011 8:41	0	0	0
61	12/1/2011 8:42	0	0	0
62	12/1/2011 8:43	0	0	0
63	12/1/2011 8:44	0	0	0
64	12/1/2011 8:45	0	0	0
65	12/1/2011 8:46	0	0	0
66	12/1/2011 8:47	0	0	0
67	12/1/2011 8:48	0	0	0
68	12/1/2011 8:49	0	0	0
69	12/1/2011 8:50	0	0	0
70	12/1/2011 8:51	0	0	0
71	12/1/2011 8:52	0	0	0
72	12/1/2011 8:53	0	0	0
73	12/1/2011 8:54	0	0	0
74	12/1/2011 8:55	0	0	0
75	12/1/2011 8:56	0	0	0
76	12/1/2011 8:57	0	0	0
77	12/1/2011 8:58	0	0	0
78	12/1/2011 8:59	0	0	0
79	12/1/2011 9:00	0	0	0
80	12/1/2011 9:01	0	0	0
81	12/1/2011 9:02	0	0	0
82	12/1/2011 9:03	0	0	0
83	12/1/2011 9:04	0	0	0
84	12/1/2011 9:05	0	0	0
85	12/1/2011 9:06	0	0	0
86	12/1/2011 9:07	0	0	0
87	12/1/2011 9:08	0	0	0
88	12/1/2011 9:09	0	0	0
89	12/1/2011 9:10	0	0	0
90	12/1/2011 9:11	0	0	0
91	12/1/2011 9:12	0	0	0
92	12/1/2011 9:13	0	0	0
93	12/1/2011 9:14	0	0	0
94	12/1/2011 9:15	0	0	0
95	12/1/2011 9:16	0	0	0
96	12/1/2011 9:17	0	0	0
97	12/1/2011 9:18	0	0	0
98	12/1/2011 9:19	0	0	0
99	12/1/2011 9:20	0	0	0
100	12/1/2011 9:21	0	0	0
101	12/1/2011 9:22	0	0	0
102	12/1/2011 9:23	0	0	0
103	12/1/2011 9:24	0	0	0
104	12/1/2011 9:25	0	0	0
105	12/1/2011 9:26	0	0	0
106	12/1/2011 9:27	0	0	0
107	12/1/2011 9:28	0	0	0
108	12/1/2011 9:29	0	0	0
109	12/1/2011 9:30	0	0	0
110	12/1/2011 9:31	0	0	0
111	12/1/2011 9:32	0	0	0
112	12/1/2011 9:33	0	0	0
113	12/1/2011 9:34	0	0	0
114	12/1/2011 9:35	0	0	0
115	12/1/2011 9:36	0	0	0
116	12/1/2011 9:37	0	0	0
117	12/1/2011 9:38	0	0	0
118	12/1/2011 9:39	0	0	0
119	12/1/2011 9:40	0	0	0
120	12/1/2011 9:41	0	0	0
121	12/1/2011 9:42	0	0	0
122	12/1/2011 9:43	0	0	0
123	12/1/2011 9:44	0	0	0
124	12/1/2011 9:45	0	0	0
125	12/1/2011 9:46	0	0	0
126	12/1/2011 9:47	0	0	0
127	12/1/2011 9:48	0	0	0

128	12/1/2011 9:49	0	0	0
129	12/1/2011 9:50	0	0	0
130	12/1/2011 9:51	0	0	0
131	12/1/2011 9:52	0	0	0
132	12/1/2011 9:53	0	0	0
133	12/1/2011 9:54	0	0	0
134	12/1/2011 9:55	0	0	0
135	12/1/2011 9:56	0	0	0
136	12/1/2011 9:57	0	0	0
137	12/1/2011 9:58	0	0	0
138	12/1/2011 9:59	0	0	0
139	12/1/2011 10:00	0	0	0
140	12/1/2011 10:01	0	0	0
141	12/1/2011 10:02	0	0	0
142	12/1/2011 10:03	0	0	0
143	12/1/2011 10:04	0	0	0
144	12/1/2011 10:05	0	0	0
145	12/1/2011 10:06	0	0	0
146	12/1/2011 10:07	0	0	0
147	12/1/2011 10:08	0	0	0
148	12/1/2011 10:09	0	0	0
149	12/1/2011 10:10	0	0	0
150	12/1/2011 10:11	0	0	0
151	12/1/2011 10:12	0	0	0
152	12/1/2011 10:13	0	0	0
153	12/1/2011 10:14	0	0	0
154	12/1/2011 10:15	0	0	0
155	12/1/2011 10:16	0	0	0
156	12/1/2011 10:17	0	0	0
157	12/1/2011 10:18	0	0	0
158	12/1/2011 10:19	0	0	0
159	12/1/2011 10:20	0	0	0
160	12/1/2011 10:21	0	0	0
161	12/1/2011 10:22	0	0	0
162	12/1/2011 10:23	0	0	0
163	12/1/2011 10:24	0	0	0
164	12/1/2011 10:25	0	0	0
165	12/1/2011 10:26	0	0	0
166	12/1/2011 10:27	0	0	0
167	12/1/2011 10:28	0	0	0
168	12/1/2011 10:29	0	0	0
169	12/1/2011 10:30	0	0	0
170	12/1/2011 10:31	0	0	0
171	12/1/2011 10:32	0	0	0
172	12/1/2011 10:33	0	0	0
173	12/1/2011 10:34	0	0	0
174	12/1/2011 10:35	0	0	0
175	12/1/2011 10:36	0	0	0
176	12/1/2011 10:37	0	0	0
177	12/1/2011 10:38	0	0	0
178	12/1/2011 10:39	0	0	0
179	12/1/2011 10:40	0	0	0
180	12/1/2011 10:41	0	0	0
181	12/1/2011 10:42	0	0	0
182	12/1/2011 10:43	0	0	0
183	12/1/2011 10:44	0	0	0
184	12/1/2011 10:45	0	0	0
185	12/1/2011 10:46	0	0	0
186	12/1/2011 10:47	0	0	0
187	12/1/2011 10:48	0	0	0
188	12/1/2011 10:49	0	0	0
189	12/1/2011 10:50	0	0	0
190	12/1/2011 10:51	0	0	0
191	12/1/2011 10:52	0	0	0
192	12/1/2011 10:53	0	0	0
193	12/1/2011 10:54	0	0	0
194	12/1/2011 10:55	0	0	0
195	12/1/2011 10:56	0	0	0
196	12/1/2011 10:57	0	0	0

197	12/1/2011 10:58	0	0	0
198	12/1/2011 10:59	0	0	0
199	12/1/2011 11:00	0	0	0
200	12/1/2011 11:01	0	0	0
201	12/1/2011 11:02	0	0	0
202	12/1/2011 11:03	0	0	0
203	12/1/2011 11:04	0	0	0
204	12/1/2011 11:05	0	0	0
205	12/1/2011 11:06	0	0	0
206	12/1/2011 11:07	0	0	0
207	12/1/2011 11:08	0	0	0
208	12/1/2011 11:09	0	0	0
209	12/1/2011 11:10	0	0	0
210	12/1/2011 11:11	0	0	0
211	12/1/2011 11:12	0	0	0
212	12/1/2011 11:13	0	0	0
213	12/1/2011 11:14	0	0	0
214	12/1/2011 11:15	0	0	0
215	12/1/2011 11:16	0	0	0
216	12/1/2011 11:17	0	0	0
217	12/1/2011 11:18	0	0	0
218	12/1/2011 11:19	0	0	0
219	12/1/2011 11:20	0	0	0
220	12/1/2011 11:21	0	0	0
221	12/1/2011 11:22	0	0	0
222	12/1/2011 11:23	0	0	0
223	12/1/2011 11:24	0	0	0
224	12/1/2011 11:25	0	0	0
225	12/1/2011 11:26	0	0	0
226	12/1/2011 11:27	0	0	0
227	12/1/2011 11:28	0	0	0
228	12/1/2011 11:29	0	0	0
229	12/1/2011 11:30	0	0	0
230	12/1/2011 11:31	0	0	0
231	12/1/2011 11:32	0	0	0
232	12/1/2011 11:33	0	0	0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 005724
User ID: 00000001 Site ID: 000000216
Data Points: 234 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/01/2011 07:12

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)					
High Alarm Levels:	100	100	100					
Low Alarm Levels:	50	50	50					
=====								
Line#	Date	Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm
1	12/1/2011	7:40	0		0		0	
2	12/1/2011	7:41	0		0		0	
3	12/1/2011	7:42	0		0		0	
4	12/1/2011	7:43	0		0		0	
5	12/1/2011	7:44	0		0		0	
6	12/1/2011	7:45	0		0		0	
7	12/1/2011	7:46	0		0		0	
8	12/1/2011	7:47	0		0		0	
9	12/1/2011	7:48	0		0		0	
10	12/1/2011	7:49	0		0		0	
11	12/1/2011	7:50	0		0		0	
12	12/1/2011	7:51	0		0		0	
13	12/1/2011	7:52	0		0		0	
14	12/1/2011	7:53	0		0		0	
15	12/1/2011	7:54	0		0		0	
16	12/1/2011	7:55	0		0		0	
17	12/1/2011	7:56	0		0		0	
18	12/1/2011	7:57	0		0		0	
19	12/1/2011	7:58	0		0		0	
20	12/1/2011	7:59	0		0		0	
21	12/1/2011	8:00	0		0		0	
22	12/1/2011	8:01	0		0		0	
23	12/1/2011	8:02	0		0		0	
24	12/1/2011	8:03	0		0		0	
25	12/1/2011	8:04	0		0		0	
26	12/1/2011	8:05	0		0		0	
27	12/1/2011	8:06	0		0		0	
28	12/1/2011	8:07	0		0		0	
29	12/1/2011	8:08	0		0		0	
30	12/1/2011	8:09	0		0		0	
31	12/1/2011	8:10	0		0		0	
32	12/1/2011	8:11	0		0		0	
33	12/1/2011	8:12	0		0		0	
34	12/1/2011	8:13	0		0		0	
35	12/1/2011	8:14	0		0		0	
36	12/1/2011	8:15	0		0		0	
37	12/1/2011	8:16	0		0		0	
38	12/1/2011	8:17	0		0		0	
39	12/1/2011	8:18	0		0		0	
40	12/1/2011	8:19	0		0		0	
41	12/1/2011	8:20	0		0		0	
42	12/1/2011	8:21	0		0		0	
43	12/1/2011	8:22	0		0		0	
44	12/1/2011	8:23	0		0		0	
45	12/1/2011	8:24	0		0		0	
46	12/1/2011	8:25	0		0		0	
47	12/1/2011	8:26	0		0		0	
48	12/1/2011	8:27	0		0		0	
49	12/1/2011	8:28	0		0		0	
50	12/1/2011	8:29	0		0		0	
51	12/1/2011	8:30	0		0		0	
52	12/1/2011	8:31	0		0		0	
53	12/1/2011	8:32	0		0		0	
54	12/1/2011	8:33	0		0		0	
55	12/1/2011	8:34	0		0		0	
56	12/1/2011	8:35	0		0		0	
57	12/1/2011	8:36	0		0		0	
58	12/1/2011	8:37	0		0		0	

59	12/1/2011 8:38	0	0	0
60	12/1/2011 8:39	0	0	0
61	12/1/2011 8:40	0	0	0
62	12/1/2011 8:41	0	0	0
63	12/1/2011 8:42	0	0	0
64	12/1/2011 8:43	0	0	0
65	12/1/2011 8:44	0	0	0
66	12/1/2011 8:45	0	0	0
67	12/1/2011 8:46	0	0	0
68	12/1/2011 8:47	0	0	0
69	12/1/2011 8:48	0	0	0
70	12/1/2011 8:49	0	0	0
71	12/1/2011 8:50	0	0	0
72	12/1/2011 8:51	0	0	0
73	12/1/2011 8:52	0	0	0
74	12/1/2011 8:53	0	0	0
75	12/1/2011 8:54	0	0	0
76	12/1/2011 8:55	0	0	0
77	12/1/2011 8:56	0	0	0
78	12/1/2011 8:57	0	0	0
79	12/1/2011 8:58	0	0	0
80	12/1/2011 8:59	0	0	0
81	12/1/2011 9:00	0	0	0
82	12/1/2011 9:01	0	0	0
83	12/1/2011 9:02	0	0	0
84	12/1/2011 9:03	0	0	0
85	12/1/2011 9:04	0	0	0
86	12/1/2011 9:05	0	0	0
87	12/1/2011 9:06	0	0	0
88	12/1/2011 9:07	0	0	0
89	12/1/2011 9:08	0	0	0
90	12/1/2011 9:09	0	0	0
91	12/1/2011 9:10	0	0	0
92	12/1/2011 9:11	0	0	0
93	12/1/2011 9:12	0	0	0
94	12/1/2011 9:13	0	0	0
95	12/1/2011 9:14	0	0	0
96	12/1/2011 9:15	0	0	0
97	12/1/2011 9:16	0	0	0
98	12/1/2011 9:17	0	0	0
99	12/1/2011 9:18	0	0	0
100	12/1/2011 9:19	0	0	0
101	12/1/2011 9:20	0	0	0
102	12/1/2011 9:21	0	0	0
103	12/1/2011 9:22	0	0	0
104	12/1/2011 9:23	0	0	0
105	12/1/2011 9:24	0	0	0
106	12/1/2011 9:25	0	0	0
107	12/1/2011 9:26	0	0	0
108	12/1/2011 9:27	0	0	0
109	12/1/2011 9:28	0	0	0
110	12/1/2011 9:29	0	0	0
111	12/1/2011 9:30	0	0	0
112	12/1/2011 9:31	0	0	0
113	12/1/2011 9:32	0	0	0
114	12/1/2011 9:33	0	0	0
115	12/1/2011 9:34	0	0	0
116	12/1/2011 9:35	0	0	0
117	12/1/2011 9:36	0	0	0
118	12/1/2011 9:37	0	0	0
119	12/1/2011 9:38	0	0	0
120	12/1/2011 9:39	0	0	0
121	12/1/2011 9:40	0	0	0
122	12/1/2011 9:41	0	0	0
123	12/1/2011 9:42	0	0	0
124	12/1/2011 9:43	0	0	0
125	12/1/2011 9:44	0	0	0
126	12/1/2011 9:45	0	0	0
127	12/1/2011 9:46	0	0	0

128	12/1/2011 9:47	0	0	0
129	12/1/2011 9:48	0	0	0
130	12/1/2011 9:49	0	0	0
131	12/1/2011 9:50	0	0	0
132	12/1/2011 9:51	0	0	0
133	12/1/2011 9:52	0	0	0
134	12/1/2011 9:53	0	0	0
135	12/1/2011 9:54	0	0	0
136	12/1/2011 9:55	0	0	0
137	12/1/2011 9:56	0	0	0
138	12/1/2011 9:57	0	0	0
139	12/1/2011 9:58	0	0	0
140	12/1/2011 9:59	0	0	0
141	12/1/2011 10:00	0	0	0
142	12/1/2011 10:01	0	0	0
143	12/1/2011 10:02	0	0	0
144	12/1/2011 10:03	0	0	0
145	12/1/2011 10:04	0	0	0
146	12/1/2011 10:05	0	0	0
147	12/1/2011 10:06	0	0	0
148	12/1/2011 10:07	0	0	0
149	12/1/2011 10:08	0	0	0
150	12/1/2011 10:09	0	0	0
151	12/1/2011 10:10	0	0	0
152	12/1/2011 10:11	0	0	0
153	12/1/2011 10:12	0	0	0
154	12/1/2011 10:13	0	0	0
155	12/1/2011 10:14	0	0	0
156	12/1/2011 10:15	0	0	0
157	12/1/2011 10:16	0	0	0
158	12/1/2011 10:17	0	0	0
159	12/1/2011 10:18	0	0	0
160	12/1/2011 10:19	0	0	0
161	12/1/2011 10:20	0	0	0
162	12/1/2011 10:21	0	0	0
163	12/1/2011 10:22	0	0	0
164	12/1/2011 10:23	0	0	0
165	12/1/2011 10:24	0	0	0
166	12/1/2011 10:25	0	0	0
167	12/1/2011 10:26	0	0	0
168	12/1/2011 10:27	0	0	0
169	12/1/2011 10:28	0	0	0
170	12/1/2011 10:29	0	0	0
171	12/1/2011 10:30	0	0	0
172	12/1/2011 10:31	0	0	0
173	12/1/2011 10:32	0	0	0
174	12/1/2011 10:33	0	0	0
175	12/1/2011 10:34	0	0	0
176	12/1/2011 10:35	0	0	0
177	12/1/2011 10:36	0	0	0
178	12/1/2011 10:37	0	0	0
179	12/1/2011 10:38	0	0	0
180	12/1/2011 10:39	0	0	0
181	12/1/2011 10:40	0	0	0
182	12/1/2011 10:41	0	0	0
183	12/1/2011 10:42	0	0	0
184	12/1/2011 10:43	0	0	0
185	12/1/2011 10:44	0	0	0
186	12/1/2011 10:45	0	0	0
187	12/1/2011 10:46	0	0	0
188	12/1/2011 10:47	0	0	0
189	12/1/2011 10:48	0	0	0
190	12/1/2011 10:49	0	0	0
191	12/1/2011 10:50	0	0	0
192	12/1/2011 10:51	0	0	0
193	12/1/2011 10:52	0	0	0
194	12/1/2011 10:53	0	0	0
195	12/1/2011 10:54	0	0	0
196	12/1/2011 10:55	0	0	0

197	12/1/2011 10:56	0	0	0
198	12/1/2011 10:57	0	0	0
199	12/1/2011 10:58	0	0	0
200	12/1/2011 10:59	0	0	0
201	12/1/2011 11:00	0	0	0
202	12/1/2011 11:01	0	0	0
203	12/1/2011 11:02	0	0	0
204	12/1/2011 11:03	0	0	0
205	12/1/2011 11:04	0	0	0
206	12/1/2011 11:05	0	0	0
207	12/1/2011 11:06	0	0	0
208	12/1/2011 11:07	0	0	0
209	12/1/2011 11:08	0	0	0
210	12/1/2011 11:09	0	0	0
211	12/1/2011 11:10	0	0	0
212	12/1/2011 11:11	0	0	0
213	12/1/2011 11:12	0	0	0
214	12/1/2011 11:13	0	0	0
215	12/1/2011 11:14	0	0	0
216	12/1/2011 11:15	0	0	0
217	12/1/2011 11:16	0	0	0
218	12/1/2011 11:17	0	0	0
219	12/1/2011 11:18	0	0	0
220	12/1/2011 11:19	0	0	0
221	12/1/2011 11:20	0	0	0
222	12/1/2011 11:21	0	0	0
223	12/1/2011 11:22	0	0	0
224	12/1/2011 11:23	0	0	0
225	12/1/2011 11:24	0	0	0
226	12/1/2011 11:25	0	0	0
227	12/1/2011 11:26	0	0	0
228	12/1/2011 11:27	0	0	0
229	12/1/2011 11:28	0	0	0
230	12/1/2011 11:29	0	0	0
231	12/1/2011 11:30	0	0	0
232	12/1/2011 11:31	0	0	0
233	12/1/2011 11:32	0	0	0
234	12/1/2011 11:33	0	0	0

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530113009
 Firmware Version 2.8
 Calibration Date 7/21/2011
 Test Name MANUAL_002
 Test Start Time 7:39:04 AM
 Test Start Date 12/1/2011
 Test Length [D:H:M] 0:03:54
 Test Interval [M:S] 1:00
 Mass Average [mg/m³] 0.011
 Mass Minimum [mg/m³] 0.005
 Mass Maximum [mg/m³] 0.242
 Mass TWA [mg/m³] 0.005
 Photometric User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 234

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
60	0.028		
120	0.011		
180	0.012		
240	0.009		
300	0.012		
360	0.013		
420	0.01		
480	0.01		
540	0.01		
600	0.011		
660	0.012		
720	0.013		
780	0.015		
840	0.012		
900	0.014		
960	0.013		
1020	0.013		
1080	0.009		
1140	0.012		
1200	0.123		
1260	0.134		
1320	0.171		
1380	0.242		
1440	0.094		
1500	0.006		
1560	0.006		
1620	0.007		
1680	0.009		
1740	0.007		
1800	0.008		
1860	0.008		
1920	0.009		
1980	0.015		
2040	0.009		
2100	0.015		
2160	0.014		
2220	0.01		
2280	0.009		
2340	0.009		
2400	0.01		
2460	0.009		
2520	0.009		
2580	0.008		
2640	0.008		
2700	0.007		
2760	0.007		
2820	0.007		
2880	0.006		
2940	0.007		

3000	0.007
3060	0.008
3120	0.007
3180	0.007
3240	0.007
3300	0.008
3360	0.005
3420	0.006
3480	0.006
3540	0.007
3600	0.009
3660	0.007
3720	0.007
3780	0.006
3840	0.008
3900	0.007
3960	0.006
4020	0.006
4080	0.006
4140	0.006
4200	0.007
4260	0.006
4320	0.007
4380	0.006
4440	0.007
4500	0.006
4560	0.007
4620	0.006
4680	0.008
4740	0.008
4800	0.011
4860	0.009
4920	0.007
4980	0.007
5040	0.006
5100	0.006
5160	0.007
5220	0.008
5280	0.009
5340	0.008
5400	0.007
5460	0.008
5520	0.008
5580	0.01
5640	0.008
5700	0.008
5760	0.009
5820	0.009
5880	0.039
5940	0.014
6000	0.008
6060	0.007
6120	0.007
6180	0.007
6240	0.007
6300	0.008
6360	0.008
6420	0.007
6480	0.012
6540	0.01
6600	0.007
6660	0.006
6720	0.007
6780	0.008
6840	0.01
6900	0.01
6960	0.008
7020	0.009
7080	0.008

7140	0.009
7200	0.01
7260	0.008
7320	0.011
7380	0.01
7440	0.008
7500	0.008
7560	0.007
7620	0.007
7680	0.007
7740	0.007
7800	0.008
7860	0.006
7920	0.007
7980	0.007
8040	0.009
8100	0.006
8160	0.007
8220	0.006
8280	0.006
8340	0.005
8400	0.007
8460	0.007
8520	0.007
8580	0.005
8640	0.006
8700	0.008
8760	0.008
8820	0.009
8880	0.009
8940	0.007
9000	0.006
9060	0.006
9120	0.007
9180	0.006
9240	0.006
9300	0.008
9360	0.007
9420	0.006
9480	0.006
9540	0.006
9600	0.008
9660	0.006
9720	0.007
9780	0.006
9840	0.005
9900	0.006
9960	0.007
10020	0.006
10080	0.008
10140	0.014
10200	0.012
10260	0.012
10320	0.01
10380	0.008
10440	0.008
10500	0.006
10560	0.006
10620	0.006
10680	0.006
10740	0.006
10800	0.007
10860	0.009
10920	0.01
10980	0.015
11040	0.01
11100	0.007
11160	0.007
11220	0.007

11280	0.006
11340	0.007
11400	0.007
11460	0.007
11520	0.007
11580	0.007
11640	0.007
11700	0.007
11760	0.007
11820	0.006
11880	0.007
11940	0.008
12000	0.009
12060	0.006
12120	0.007
12180	0.006
12240	0.007
12300	0.007
12360	0.007
12420	0.006
12480	0.006
12540	0.007
12600	0.007
12660	0.007
12720	0.008
12780	0.009
12840	0.009
12900	0.007
12960	0.005
13020	0.006
13080	0.008
13140	0.008
13200	0.008
13260	0.007
13320	0.009
13380	0.009
13440	0.008
13500	0.006
13560	0.007
13620	0.007
13680	0.009
13740	0.008
13800	0.007
13860	0.007
13920	0.007
13980	0.007
14040	0.008

Instrument Name DustTrak II
 Model Number 8530
 Serial Number 8530113010
 Firmware Version 2.8
 Calibration Date 7/21/2011
 Test Name MANUAL_002
 Test Start Time 7:41:37 AM
 Test Start Date 12/1/2011
 Test Length [D:H:M] 0:03:54
 Test Interval [M:S] 1:00
 Mass Average [mg/m³] 0.012
 Mass Minimum [mg/m³] 0.007
 Mass Maximum [mg/m³] 0.162
 Mass TWA [mg/m³] 0.006
 Photometric User Cal 1
 Flow User Cal 1
 Errors
 Number of Samples 234

Elapsed Time [s]	Mass [mg/m ³]	Alarms	Errors
60	0.049		
120	0.031		
180	0.011		
240	0.009		
300	0.02		
360	0.029		
420	0.013		
480	0.017		
540	0.012		
600	0.021		
660	0.019		
720	0.023		
780	0.014		
840	0.022		
900	0.019		
960	0.017		
1020	0.013		
1080	0.013		
1140	0.029		
1200	0.068		
1260	0.01		
1320	0.01		
1380	0.009		
1440	0.126		
1500	0.008		
1560	0.008		
1620	0.008		
1680	0.01		
1740	0.008		
1800	0.013		
1860	0.01		
1920	0.011		
1980	0.013		
2040	0.044		
2100	0.02		
2160	0.013		
2220	0.012		
2280	0.012		
2340	0.011		
2400	0.013		
2460	0.014		
2520	0.01		
2580	0.01		
2640	0.01		
2700	0.013		
2760	0.01		
2820	0.009		
2880	0.01		
2940	0.009		

3000	0.009
3060	0.01
3120	0.01
3180	0.01
3240	0.01
3300	0.01
3360	0.009
3420	0.008
3480	0.007
3540	0.008
3600	0.01
3660	0.011
3720	0.01
3780	0.013
3840	0.009
3900	0.011
3960	0.009
4020	0.009
4080	0.009
4140	0.008
4200	0.009
4260	0.009
4320	0.009
4380	0.01
4440	0.01
4500	0.008
4560	0.008
4620	0.008
4680	0.009
4740	0.009
4800	0.011
4860	0.013
4920	0.01
4980	0.009
5040	0.008
5100	0.007
5160	0.01
5220	0.009
5280	0.015
5340	0.01
5400	0.008
5460	0.01
5520	0.01
5580	0.01
5640	0.009
5700	0.009
5760	0.011
5820	0.01
5880	0.014
5940	0.013
6000	0.009
6060	0.009
6120	0.008
6180	0.009
6240	0.01
6300	0.01
6360	0.009
6420	0.011
6480	0.011
6540	0.013
6600	0.009
6660	0.008
6720	0.008
6780	0.012
6840	0.013
6900	0.012
6960	0.01
7020	0.011
7080	0.01

7140	0.009
7200	0.009
7260	0.011
7320	0.01
7380	0.011
7440	0.066
7500	0.009
7560	0.008
7620	0.013
7680	0.008
7740	0.008
7800	0.009
7860	0.008
7920	0.008
7980	0.011
8040	0.01
8100	0.007
8160	0.007
8220	0.008
8280	0.007
8340	0.007
8400	0.008
8460	0.008
8520	0.009
8580	0.021
8640	0.007
8700	0.008
8760	0.008
8820	0.011
8880	0.013
8940	0.01
9000	0.008
9060	0.007
9120	0.008
9180	0.008
9240	0.008
9300	0.016
9360	0.012
9420	0.007
9480	0.007
9540	0.007
9600	0.007
9660	0.008
9720	0.008
9780	0.007
9840	0.008
9900	0.009
9960	0.009
10020	0.008
10080	0.008
10140	0.011
10200	0.015
10260	0.016
10320	0.012
10380	0.01
10440	0.009
10500	0.009
10560	0.007
10620	0.008
10680	0.009
10740	0.009
10800	0.012
10860	0.01
10920	0.011
10980	0.013
11040	0.012
11100	0.011
11160	0.008
11220	0.008

11280	0.008
11340	0.009
11400	0.008
11460	0.008
11520	0.162
11580	0.031
11640	0.03
11700	0.014
11760	0.007
11820	0.007
11880	0.007
11940	0.009
12000	0.008
12060	0.007
12120	0.008
12180	0.007
12240	0.007
12300	0.008
12360	0.008
12420	0.007
12480	0.007
12540	0.008
12600	0.008
12660	0.007
12720	0.007
12780	0.009
12840	0.011
12900	0.009
12960	0.007
13020	0.007
13080	0.007
13140	0.01
13200	0.009
13260	0.009
13320	0.009
13380	0.011
13440	0.015
13500	0.009
13560	0.008
13620	0.008
13680	0.008
13740	0.008
13800	0.01
13860	0.009
13920	0.007
13980	0.008
14040	0.008

AECOM-Environment
CAMP Station Real Time Air Monitoring Results

Site: SB-14
Date: 04/01/10

AECOM

Page 1 of 2

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Draeger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700							
DN	700							
UP	715							
DN	715							
UP	730							
DN	730							
UP	745							
DN	745							
UP	800	3836	54.32	S/N	0.008			Camp setup; Beam logging @ 0815
DN	800	0.646	11821	S/N				
UP	815	0.0	0.019		0.0	N/A	N/A	noise:
DN	815	0.0	0.031			N/A	N/A	
UP	830	0.0	0.018		0.0	N/A	N/A	Breaking up concrete
DN	830	0.0	0.024			N/A	N/A	
UP	845	0.0	0.023		0.0	N/A	N/A	
DN	845	0.0	0.024			N/A	N/A	
UP	900	0.0	0.020		0.0	N/A	N/A	Rock hammering
DN	900	0.0	0.026					
UP	915	0.0	0.021		0.0			
DN	915	0.0	0.030					
UP	930	0.0	0.026		0.0	—	—	
DN	930	0.0	0.019		0.0	—	—	
UP	945	0.0	0.026		0.0	—	—	pre-drill
DN	945	0.0	0.025			—	—	"
UP	1000	0.0	0.026		0.0	—	—	"
DN	1000	0.0	0.028			—	—	"
UP	1015	0.0	0.026		0.0	—	—	"
DN	1015	0.0	0.020			—	—	"
UP	1030	0.0	0.023		0.0	—	—	"
DN	1030	0.0	0.031			—	—	"
UP	1045	0.0	0.030		0.0	—	—	have to abandon top-
DN	1045	0.0	0.034			—	—	PIPE(4")@ 2.5' bgs
UP	1100	0.0	0.028		0.0	—	—	backfilling hole
DN	1100	0.0	0.036			—	—	
UP	1115	0.0	0.031		0.0	—	—	
DN	1115	0.0	0.045			—	—	
UP	1130	0.0	0.026		0.0	—	—	
DN	1130	0.0	0.051			—	—	
UP	1145	0.0	0.027		0.0	—	—	moving up to new SB-14
DN	1145	0.0	0.041			—	—	
UP	1200	0.0	0.041		0.0	—	—	tree cutting-dust
DN	1200	0.0	0.566			—	—	not continuous
UP	1215	0.0	0.028		0.0	—	—	Rock hammering
DN	1215	0.0	0.031			—	—	
UP	1230	0.0	0.048		0.0	—	—	
DN	1230	0.0	0.042			—	—	
UP	1245	0.0	0.043		0.0	—	—	
DN	1245	0.0	0.049			—	—	

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Draeger Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300	0.0	0.049		0.0 N/A	—	—	preclean
DN	1300	0.0	0.053		6	—	—	
UP	1315	0.0	0.029		0.0	—	—	
DN	1315	0.0	0.031		—	—	—	
UP	1330	0.0	0.027		0.0	—	—	
DN	1330	0.0	0.031		—	—	—	
UP	1345	0.0	0.038		0.0	—	—	
DN	1345	0.0	0.030		—	—	—	
UP	1400	0.0	0.034		0.0	—	—	setting up to drill
DN	1400	0.0	0.031		—	—	—	
UP	1415	0.0	0.033		0.0	—	—	
DN	1415	0.0	0.026		—	—	—	
UP	1430	0.0	0.036		0.0	—	—	
DN	1430	0.0	0.028		—	—	—	
UP	1445	0.0	0.044		0.0	—	—	
DN	1445	0.0	0.024		—	—	—	STARTED DRILLING SB-14
UP	1500	0.0	0.041		0.0	—	—	
DN	1500	0.0	0.024		—	—	—	
UP	1515	0.0	0.036		0.0	—	—	
DN	1515	0.0	0.024		—	—	—	
UP	1530	0.0	0.032		0.0	—	—	
DN	1530	0.0	0.027		—	—	—	
UP	1545	0.0	0.032		0.0	—	—	
DN	1545	0.0	0.031		—	—	—	
UP	1600	0.0	0.016		0.0	—	—	
DN	1600	0.0	0.025		—	—	—	
UP	1615	0.0	0.029		0.0	—	—	
DN	1615	0.0	0.033		—	—	—	
UP	1630	0.0	0.027		0.0	—	—	
DN	1630	0.0	0.034		—	—	—	
UP	1645	END OF DAY						
DN	1645							
UP	1700							
DN	1700							
UP	1715							
DN	1715							
UP	1730							
DN	1730							
UP	1745							
DN	1745							
UP	1800							
DN	1800							
UP	1815							
DN	1818							
UP	1830							
DN	1830							
UP	1845							
DN	1845							

Comments:

Monitoring Completed By:

Temp ~70°F, Wind calm. Sunny, very few clouds.

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Draeger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700	-	-	-	-	-	-	
DN	700	-	-	-	-	-	-	
UP	715	-	-	-	-	-	-	
DN	715	-	-	-	-	-	-	
UP	730	-	-	-	-	-	-	
DN	730	-	-	-	-	-	-	
UP	745	SET UP CAMP	-	-	-	-	-	
DN	745	SET UP CAMP.	-	-	-	-	-	
UP	800	SET UP CAMP.	-	-	-	-	-	
DN	800	SET UP CAMP.	-	-	-	-	-	
UP	815	0.0	0.047	-	0.0	-	-	TRYING TO RETRIEVE CASING IN SB-14
DN	815	0.0	0.029	-	-	-	-	
UP	830	0.0	0.027	-	0.0	-	-	SB-14 advance.
DN	830	2.6	0.028	-	-	-	-	downdwind PID side by side w/upwind still reading 2.7 ppm
UP	845	0.0	0.130	-	0.0	-	-	
DN	845	2.6	0.121	-	-	-	-	
UP	900	0.0	0.032	-	0.0	-	-	SB-14. 40'-50' sample.
DN	900	2.7	0.044	-	-	-	-	
UP	945	0.0	0.030	-	0.0	-	-	SB14 pulled up 40-50' sample.
DN	945	2.8	0.030	-	-	-	-	
UP	930	0.0	0.036	-	0.0	-	-	SB14
DN	930	2.8	0.035	-	-	-	-	
UP	945	0.0	0.048	calm	0.0	-	-	84.9 dB.
DN	945	2.8	0.038	-	-	-	-	SB14 completed 50'-55', 55'-60' samples.
UP	1000	0.0	0.041	calm.	-	-	-	79.0 dB.
DN	1000	2.9	0.039	-	0.0	-	-	SB14 completed 50'-55', 55'-60' samples.
UP	1000	0.0	0.028	calm	0.0	-	-	SB14 60'-70' sample run.
DN	1015	3.0	0.064	-	-	-	-	80.5 dB
UP	1030	0.0	0.046	calm	0.0	-	-	SB-14 boring @ 70' bgs.
DN	1030	3.3	0.041	-	-	-	-	70.9 dB
UP	1045	break - no work	-	-	-	-	-	SB-14 completed to deptz
DN	1045	break - no work	-	-	-	-	-	70' bgs. will tremie grout.
UP	1100	0.0	0.029	calm	0.0	-	-	SB-14 begin mixing pump grout. 70'-0'.
DN	1100	3.3	0.030	-	-	-	-	79.5 dB
UP	1115	0.0	0.026	calm	0.0	-	-	SB-14 tremie grouting.
DN	1115	3.3	0.018	-	-	-	-	80.4 dB
UP	1130	0.0	0.025	calm	0.0	-	-	SB-14 tremie grouting.
DN	1130	3.2	0.032	-	-	-	-	79.8 dB
UP	1145	NOT MEASURED.	-	-	-	-	-	
DN	1145	NOT MEASURED.	-	-	-	-	-	
UP	1201	0.0	0.009	calm	0.0	-	-	SB-14 grout to surface, mobilizing
DN	1201	3.2	0.014	-	-	-	-	72.2 dB equipment to laydown area.
UP	1215	-	-	-	-	-	-	
DN	1215	-	-	-	-	-	-	
UP	1230	-	-	-	-	-	-	
DN	1230	-	-	-	-	-	-	
UP	1245	0.0	0.512	calm	0.0	-	-	JACKHAMMERING 2ND SB-2 location
DN	1245	3.2	0.074	-	-	-	-	

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Draeger Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300	0.0	0.017	CALM	O ₂ O	-	-	J HAMMERING S8-2
DN	1300	3.3	0.016	-	-	-	-	
UP	1315	0.0	0.184	CALM	O ₂ O	-	-	" "
DN	1315	DEAD	0.014	-	-	-	-	
UP	1330	0.0	0.024	CALM	O ₂ O	-	-	
DN	1330	DEAD	0.014	-	-	-	-	
UP	1345	0.0	0.020	CALM	O ₂ O	-	-	
DN	1345	3.3	0.014	-	-	-	-	" "
UP	1400							
DN	1400							
UP	1415							
DN	1415							
UP	1430							
DN	1430							
UP	1445							
DN	1445							
UP	1500							
DN	1500							
UP	1515							
DN	1515							
UP	1530							
DN	1530							
UP	1545							
DN	1545							
UP	1600							
DN	1600							
UP	1615							
DN	1615							
UP	1630							
DN	1630							
UP	1645							
DN	1645							
UP	1700							
DN	1700							
UP	1715							
DN	1715							
UP	1730							
DN	1730							
UP	1745							
DN	1745							
UP	1800							
DN	1800							
UP	1815							
DN	1818							
UP	1830							
DN	1830							
UP	1845							
DN	1845							

Comments:

Monitoring Completed By:

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700							
DN	700							
UP	715							
DN	715							
UP	730							
DN	730							
UP	745							
DN	745							
UP	800							
DN	800							
UP	815							
DN	815							
UP	830							
DN	830							
UP	845							
DN	845							
UP	900							
DN	900							
UP	915							
DN	915							
UP	930							
DN	930							
UP	945	0.7	0.020	CALM	0.7	-	-	JACKHAMMERING SB-1
DN	945	0.5	0.071	E	—	-	-	
UP	1000	0.3	0.032	CALM	0.7	—	—	" "
DN	1000	0.4	0.044	—	—	-	-	
UP	1015	0.5	0.036	CALM	0.7	—	—	" "
DN	1015	0.7	0.066	—	—	-	-	
UP	1030	0.5	0.011	MILD BREEZE	0.8	—	—	HAND-CLEARING SB-1
DN	1030	0.17	0.052	—	—	-	-	
UP	1045	0.5	0.028	CALM	0.8	—	—	" "
DN	1045	0.8	0.020	—	—	-	-	
UP	1100	0.7	0.085	CALM	—	—	—	" "
DN	1100	0.7	0.022	—	—	-	-	
UP	1115	0.7	0.112	CALM	1.2	—	—	JACK HAM. 2ND SB-1 LOC.
DN	1115	0.5	0.110	—	—	-	-	
UP	1130	0.5	0.046	CALM	2.4	—	—	" " " "
DN	1130	0.9	0.030	—	—	-	-	
UP	1145	0.8	0.037	CALM	0.8	—	—	" " "
DN	1145	1.1	0.074	—	—	-	-	
UP	1200	0.9	0.028	CALM	0.8	—	—	" " " "
DN	1200	1.0	0.044	—	—	-	-	
UP	1215	0.9	0.016	CALM	2.1	—	—	HAND-CLEARING SB-1 (#2)
DN	1215	1.1	0.020	—	—	-	-	
UP	1230	0.9	0.022	CALM	1.1	—	—	" "
DN	1230	1.2	0.029	—	—	-	-	
UP	1245	0.9	0.022	CALM	0.7	—	—	" "
DN	1245	1.4	0.030	—	—	-	-	

NOTE: CONTRACTOR IS
DOING BRICK WORK ON SIDE
OF SANITATION BUILDING NEAR
DW CAMP. THEY ARE GEN.
FARE MORE DUST THAN WE ARE.

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300	1.0	0.021	CALM	0.9	-	-	COMPILED SR-1(E2) PRECLEAR
DN	1300	1.3	0.023	-	-	-	-	
UP	1315	1.0	0.024	GAS				
DN	1315							
UP	1330							
DN	1330							
UP	1345							
DN	1345							
UP	1400							
DN	1400	1.2	0.004	CALM	0.9	-	-	
UP	1415	1.5	0.062	-	-	-	-	
DN	1415							
UP	1430							
DN	1430							
UP	1445	1.5	0.070	SWIRL	1.3	-	-	SAW CUTTING SB-1 #3
DN	1445	1.5	0.028	-	-	-	-	
UP	1500	1.3	0.042	SWIRL	1.5	-	-	J-HAM SB-1 #3
DN	1500	1.5	0.080	-	-	-	-	
UP	1515							
DN	1515							
UP	1530							
DN	1530							
UP	1545							
DN	1545							
UP	1600	1.4	0.012	SWIRL	1.0	-	-	HAND-CLEAR SB-1 #3
DN	1600	1.6	0.028	-	-	-	-	
UP	1615							
DN	1615							
UP	1630							
DN	1630							
UP	1645							
DN	1645							
UP	1700							
DN	1700							
UP	1715							
DN	1715							
UP	1730							
DN	1730							
UP	1745							
DN	1745							
UP	1800							
DN	1800							
UP	1815							
DN	1818							
UP	1830							
DN	1830							
UP	1845							
DN	1845							

Comments:

Monitoring Completed By:

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Draeger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700							
DN	700							
UP	715							
DN	715							
UP	730							
DN	730							
UP	745	0.0	0.018	CALM	0.0	-	-	HAND - CLEAR SB-2
DN	745	0.2	0.019	-	-	-	-	
UP	800	0.0	0.025		0.3	-	-	" " "
DN	800	0.2	0.082	-	-	-	-	
UP	815	0.2	0.021	CALM	0.4	-	-	" "
DN	815	0.1	0.085	-	-	-	-	
UP	830							
DN	830							
UP	845							
DN	845							
UP	900							
DN	900							
UP	915							
DN	915							
UP	930							
DN	930							
UP	945							
DN	945							
UP	1000							
DN	1000							
UP	1015							
DN	1015							
UP	1030							
DN	1030							
UP	1045							
DN	1045							
UP	1100							
DN	1100							
UP	1115							
DN	1115							
UP	1130							
DN	1130							
UP	1145							
DN	1145							
UP	1200							
DN	1200							
UP	1215							
DN	1215							
UP	1230							
DN	1230							
UP	1245							
DN	1245							

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300							
DN	1300							
UP	1315							
DN	1315							
UP	1330							
DN	1330							
UP	1345							
DN	1345							
UP	1400							
DN	1400							
UP	1415							
DN	1415							
UP	1430							
DN	1430							
UP	1445							
DN	1445							
UP	1500							
DN	1500							
UP	1515							
DN	1515							
UP	1530							
DN	1530							
UP	1545							
DN	1545							
UP	1600							
DN	1600							
UP	1615							
DN	1615							
UP	1630							
DN	1630							
UP	1645							
DN	1645							
UP	1700							
DN	1700							
UP	1715							
DN	1715							
UP	1730							
DN	1730							
UP	1745							
DN	1745							
UP	1800							
DN	1800							
UP	1815							
DN	1818							
UP	1830							
DN	1830							
UP	1845							
DN	1845							

Comments:

Monitoring Completed By:

4/6/10

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700							
DN	700							
UP	715							
DN	715							
UP	730							
DN	730							
UP	745							
DN	745							
UP	800							
DN	800							
UP	815							
DN	815							
UP	830							
DN	830							
UP	845							
DN	845							
UP	900							
DN	900							
UP	915							
DN	915							
UP	930							
DN	930							
UP	945							
DN	945							
UP	1000	0.0	0.141	CAUm	1.3	—	—	EGG SAVING UP TO DRILL SB-1
DN	1000	3.2	0.152	—	—	—	—	
UP	1015							
DN	1015							
UP	1030							
DN	1030							
UP	1045							
DN	1045							
UP	1100							
DN	1100							
UP	1115							
DN	1115							
UP	1130							
DN	1130							
UP	1145							
DN	1145							
UP	1200	0.0	NM	CAUm	0.7	—	—	DRILLING SB-1
DN	1200	3.3	0.140	—	—	—	—	
UP	1215							
DN	1215							
UP	1230							DOWN AGAIN
DN	1230							
UP	1245							
DN	1245							

SB-1

AECOM

Page 2 of 2

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Draeger Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300							
DN	1300							
UP	1315	0.0	NM	calm	0.3			DRILLING SR-1
DN	1315	3.5	0.060	-	-	-	-	
UP	1330							
DN	1330							
UP	1345							
DN	1345							
UP	1400							
DN	1400							
UP	1415							
DN	1415							
UP	1430	0.0	NM	calm	0.3	-	-	DRILLING SR-1
DN	1430	3.9	0.052	-	-	-	-	
UP	1445	0.0	NM	calm	0.3	-	-	" "
DN	1445	3.9	0.057	-	-	-	-	
UP	1500							
DN	1500							
UP	1515							
DN	1515							
UP	1530							
DN	1530							
UP	1545							
DN	1545							
UP	1600							
DN	1600							
UP	1615	0.0	NM	calm	0.4	-	-	DRILLING SR-1 Note: masons are sweeping up - lots of dust
DN	1615	3.5	0.062	-	-	-	-	DUST TRAK (0.450)
UP	1630							
DN	1630							
UP	1645							
DN	1645							
UP	1700							
DN	1700							
UP	1715							
DN	1715							
UP	1730							
DN	1730							
UP	1745							
DN	1745							
UP	1800							
DN	1800							
UP	1815							
DN	1818							
UP	1830							
DN	1830							
UP	1845							
DN	1845							

Comments:

Monitoring Completed By:

AECOM-Environment

CAMP Station Real Time Air Monitoring Results

Site:

Date:

4/7/2010.

SB-1/MW-1

Temp ~75-80°F, clear, Wind <5 mph
from South

AECOM

Page 1 of 2

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700							
DN	700							
UP	715							
DN	715							
UP	730							
DN	730							
UP	745							
DN	745							
UP	800							
DN	800							
UP	815							
DN	815							
UP	830							
DN	830							
UP	845							
DN	845							
UP	900							
DN	900							
UP	915							
DN	915							
UP	930							
DN	930							
UP	945							
DN	945							
UP	1000							
DN	1000							
UP	1015							
DN	1015							
UP	1030							
DN	1030							
UP	1045							
DN	1045							
UP	1100							
DN	1100							
UP	1115							
DN	1115							
UP	1130							
DN	1130							
UP	1145							
DN	1145							
UP	1200							
DN	1200							
UP	1215							
DN	1215							
UP	1230							
DN	1230							
UP	1245							
DN	1245							

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Drager Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300							
DN	1300							
UP	1315							
DN	1315							
UP	1330							
DN	1330							
UP	1345	SET UP CAMP.	WAS down during well construction.					
DN	1345	↓	↓	↓	↓	↓	↓	
UP	1350	0.0	0.031	S to N	0.1	—	—	SB/MW 1D/I well installation
DN	1350	0.4	0.050	—	—	—	—	76.2 dB.
UP	1400	0.0	0.032	S to N	0.1	—	—	SB/MW 1D/I well installation
DN	1400	0.4	0.046	—	—	—	—	70.0 dB. paint odors from sanitation bldg
UP	1415	0.1	0.016	S to N	—	—	—	SB/MW 1D/I well installation.
DN	1415	0.5	0.037	—	—	—	—	70.0 dB paint odors from sanitation bldg.
UP	1430	0.1	0.010	S to N	0.1	—	—	Rig off @ 1425 odors as above.
DN	1430	0.5	0.036	—	—	—	—	77.0 dB complete MW 1D/I well installed.
UP	1445	0.1	0.008	S to N	0.2	—	—	Rig off crew in water break
DN	1445	0.6	0.028	—	—	—	—	70.0 dB paint odors continue.
UP	1515	0.1	0.017	S-N	0.1	—	—	DRILLERS ON H₂O BREAK @ 1500
DN	1515	0.6	0.040	—	—	—	—	80.2 dB INSTALLING MW-1 D/m
UP	1530	0.3	0.011	S-N	0.1	—	—	INSTALLING MW-1
DN	1530	0.6	0.028	—	—	—	—	72.5 dB
UP	1545	0.2	0.020	S-N	0.1	—	—	71.8 dB INSTALLING MW-1 SLIGHT PAINT ODO
DN	1545	0.6	0.039	—	—	—	—	
UP	1600	0.2	0.018	S-N	0.1	—	—	70.6 dB COMPLETED MW-1 D/m
DN	1600	0.6	0.038	—	—	—	—	
UP	1615							
DN	1615							
UP	1630							
DN	1630							
UP	1645							
DN	1645							
UP	1700							
DN	1700							
UP	1715							
DN	1715							
UP	1730							
DN	1730							
UP	1745							
DN	1745							
UP	1800							
DN	1800							
UP	1815							
DN	1818							
UP	1830							
DN	1830							
UP	1845							
DN	1845							

Comments:

Monitoring Completed By:

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700							
DN	700							
UP	715							
DN	715							
UP	730							
DN	730							
UP	745							
DN	745							
UP	800							
DN	800							
UP	815							
DN	815							
UP	830							
DN	830							
UP	845							
DN	845							
UP	900							
DN	900							
UP	915							
DN	915							
UP	930							
DN	930							
UP	945	0.0	0.70	S-N	0.0	-	-	ADVANCING BORING FOR SB-1/mw-1S
DN	945	0.1	0.072	-	-	-	-	DB = 80.3
UP	1000	0.0	0.061	S-N	0.0	-	-	ADV.
DN	1000	0.0	0.061	-	-	-	-	DB = 80.8
UP	1015	0.0	0.062	S-N	0.0	-	-	INSTALLING SB-1/mw-1S
DN	1015	0.1	0.050	-	-	-	-	DB = 78.5
UP	1030	0.0	0.152	S-N	0.0	-	-	INST. SB-1/mw-1S → LOT OF DUST FROM
DN	1030	0.4	0.058	-	-	-	-	DB = 85.2 → JACKHAMMERING NEXT TO US
UP	1045	0.1	0.081	S-N	0.1	-	-	INST. mw-1S → SAN. DEPT STILL JACKHAM
DN	1045	0.3	0.062	-	-	-	-	DB = 71.6
UP	1100	DEAD BAT	0.042	S-N	0.0	-	-	MW-1S COMPLETE
DN	1100	0.1	0.048	-	-	-	-	DB = 75.2
UP	1115	0.0	0.051	S-N	0.1	-	-	BREAKING TO INSTALL ROAD BOXES, CHANGED PID
DN	1115	0.3	0.048	-	-	-	-	3 BATTERIES
UP	1130							
DN	1130							
UP	1145	0.2	0.051	S-N	0.2	-	-	INST. ROADBOXES → SB-1 → SAN. CREW ON BREAK
DN	1145	0.1	0.044	-	-	-	-	DB = 72.5
UP	1200							
DN	1200							
UP	1215	0.1	0.058	S-N	0.2	-	-	INST. SB-1 ROADBOXES → CREW STILL ON BREAK
DN	1215	0.1	0.046	-	-	-	-	DB = 70.8
UP	1230							
DN	1230							
UP	1245							MOVED TO SB-2
DN	1245							

FMR in ETO mGP
4/8/10 SB-2 (loc#3)

AECOM

Page 2 of 2

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Draeger Chips		Activity/Notes	ACAIN
						Benzene	Hydrogen Cyanide		
UP	1300							CHARGING BATTERY IN UW PID + W.A. PID	
DN	1300								
UP	1315								
DN	1315								
UP	1330								
DN	1330	NOT ON							
UP	1345	0.040	0.040	E-W	0.1	-	-	JACKHAMMERING SB-2	
DN	1345	0.0	0.044	—	—	-	-	DB = 84.3	
UP	1400	0.0	0.032	E-W	0.2*	-	-	JACKHAM. SB-2	
DN	1400	0.2	0.072	—	—	-	-	DB = 85.1	
UP	1415	0.2	0.045	E-W	0.2*	-	-	JACK HAMM SB-2	
DN	1415	0.2	0.104	—	—	-	-	DB = 85.6	
UP	1430	0.1	0.035	E-W	0.0	-	-	PRE-CLEARING SB-2	
DN	1430	0.2	0.059	—	—	-	-	DB = 74.5	
UP	1445	0.1	0.035	E-W	OFF	-	-	HAND-CLEARING SB-2	
DN	1445	0.5	0.044	—	—	-	-	DB = 73.2	
UP	1500	0.2	0.036	E-W	OFF	-	-	BACKFILLING SB-2	
DN	1500	0.5	0.042	—	—	-	-	DB = 72.5	
UP	1515								
DN	1515								
UP	1530								
DN	1530								
UP	1545								
DN	1545								
UP	1600								
DN	1600								
UP	1615								
DN	1615								
UP	1630								
DN	1630								
UP	1645								
DN	1645								
UP	1700								
DN	1700								
UP	1715								
DN	1715								
UP	1730								
DN	1730								
UP	1745								
DN	1745								
UP	1800								
DN	1800								
UP	1815								
DN	1818								
UP	1830								
DN	1830								
UP	1845								
DN	1845								

Comments:

Monitoring Completed By:

SW

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Draeger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700							
DN	700							
UP	715							
DN	715							
UP	730							
DN	730							
UP	745							
DN	745							
UP	800	0.0	0.040	E-W	0.0	-	-	SETTING UP ON SB-2
DN	800	0.0	0.030	-	-	-	-	DB = 81.6
UP	815							
DN	815							
UP	830							
DN	830							
UP	845							
DN	845							
UP	900	0.7	0.028	E-W	0.2	-	-	PREPPING TO START DRILLING SB-2
DN	900	0.3	0.009	-	-	-	-	DB = 89.1
UP	915	0.4	0.020	E-W	0.0	-	-	DRILLING SB-2
DN	915	0.0	0.024	-	-	-	-	DB = 83.7
UP	930	0.6	0.047	E-W	0.2	-	-	DRILLING SB-2
DN	930	0.0	0.040	-	-	-	-	DB = 89.5
UP	945	0.7	0.033	E-W	0.0	-	-	DRILLING SB-2
DN	945	0.0	0.032	-	-	-	-	DB = 88.5
UP	1000	0.6	0.016	E-W	0.4	-	-	DRILLING SB-2
DN	1000	0.0	0.014	-	-	-	-	DB = 74.7
UP	1015	0.7	0.027	E-W	0.6	-	-	DRILLING SB-2
DN	1015	0.0	0.012	-	-	-	-	DB = 83.9
UP	1030	0.6	0.024	E-W	0.4	-	-	DRILL SB-2
DN	1030	0.0	0.012	-	-	-	-	DB = 87.7
UP	1045							
DN	1045							
UP	1100	:						
DN	1100							
UP	1115	0.6	0.016	E-W	0.6	-	-	DRILL SB-2
DN	1115	0.0	0.016	-	-	-	-	DB = 70.0
UP	1130							
DN	1130							
UP	1145							
DN	1145							
UP	1200							
DN	1200							
UP	1215	0.4	0.025	SWELL	0.6	-	-	DRILL SB-2
DN	1215	0.0	0.017	-	-	-	-	DB = 86.7
UP	1230	0.4	0.024	SWELL	0.4	-	-	DRILL SB-2
DN	1230	0.0	0.016	-	-	-	-	DB = 77.7
UP	1245							
DN	1245							

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700							
DN	700							
UP	715							
DN	715							
UP	730							
DN	730							
UP	745							
DN	745							
UP	800							
DN	800							
UP	815							
DN	815							
UP	830							
DN	830							
UP	845							
DN	845							
UP	900							
DN	900							
UP	915	0.0	0.017	N-S	0.0	-	-	PRE-CLEAR SB-12
DN	915	0.2	0.021	—	—	-	-	DB = 72.1
UP	930	0.0	0.021	N-S	0.0	-	-	PRE-CLEAR SB-12
DN	930	2.3	0.022	—	—	-	-	DB = 78.2
UP	945	0.0	0.019	N-S	0.0	-	-	PRE-CLEAR SB-12
DN	945	2.4	0.017	—	—	-	-	DB = 75.4 UW DT. KEEPS LO FALSE READING
UP	1000	NM	0.019	N-S	0.0	-	-	PRE-CLEAR SPIKING TO 0.3 BUT NO DUST
DN	1000	0.1	0.017	—	—	-	-	DB = 71.8
UP	1015	NM	0.017	N-S	0.0	-	-	PRE-CLEAR
DN	1015	0.1	0.019	—	—	-	-	DB = 72.7
UP	1030	NM	0.018	N-S	0.0	-	-	PC SB-12
DN	1030	0.0	0.017	—	—	-	-	DB = 72.2
UP	1045	NM	0.011	N-S	0.0	-	-	PC SB-12
DN	1045	0.1	0.018	—	—	-	-	DB = 72.4
UP	1100	NM	0.012	N-S	0.0	-	-	MOVING RIG TO SB-12
DN	1100							
UP	1115							
DN	1115							
UP	1130	NM	0.012	N-S	0.0	-	-	MOVING RIG TO SB-12
DN	1130	0.0	0.018	—	—	-	-	DB = 70.6
UP	1145	NM	0.007	N-S	0.0	-	-	SETTING UP RIG ON SB-12
DN	1145	0.0	0.022	—	—	-	-	DB = 76.6
UP	1200	NM	0.006	N-S	0.0	-	-	SETTING UP RIG ON SB-12
DN	1200	0.0	0.020	—	—	-	-	DB = 78.2
UP	1215	NM	0.007	N-S	0.0	-	-	SETTING RIG ON SB-12
DN	1215	0.0	0.020	—	—	-	-	DB = 78.4
UP	1230	NM	0.006	N-S	0.0	-	-	DRILLING SB-12
DN	1230	0.0	0.020	—	—	-	-	DB = 84.8
UP	1245	NM	0.006	N-S	0.4	-	-	DRILLING
DN	1245	0.1	0.019					DB = 84.8

SB-12

AECOM

Page 2 of 2

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300					—	—	
DN	1300					—	—	
UP	1315	NM	0.007	N-S	DEAD*	—	—	DRILLING SB-12 * CHARGING BATTERIES
DN	1315	0.007	0.018	—	—	—	—	DB = 80.1
UP	1330							
DN	1330							
UP	1345	NM	0.021	N-S	0.3	—	—	LUNCH
DN	1345	0.1	0.018	—	—	—	—	DB = 70.4
UP	1400							
DN	1400							
UP	1415	NM	0.012	N-S	1.6	—	—	DRILLING SB-12
DN	1415	0.3	0.020	—	—	—	—	DB = 76.4
UP	1430	NM	0.003	N-S	0.9	—	—	DRILLING SB-12
DN	1430	0.3	0.021	—	—	—	—	DB = 82.5
UP	1445	NM	0.005	N-S				
DN	1445							
UP	1500	NM	0.005	N-S	0.7	—	—	DRILLING SB-12
DN	1500	0.2	0.020	—	—	—	—	DB = 88.8
UP	1515	NM	0.004	N-S	0.9	—	—	DRILLING SB-12
DN	1515							
UP	1530	NM	0.004	N-S	0.7	—	—	DRILLING SB-12
DN	1530	0.3	0.026	—	—	—	—	DB = 82.8
UP	1545							
DN	1545							
UP	1600							
DN	1600							
UP	1615							
DN	1615							
UP	1630	NM	0.000	N-S	0.4	—	—	GROUTING SB-12
DN	1630	0.2	0.013	—	—	—	—	DB = 79.7
UP	1645							
DN	1645							
UP	1700	NM	0.005	N-S	0.3	—	—	GROUTING
DN	1700	0.2	0.015	—	—	—	—	DB = 80.1
UP	1715							
DN	1715							
UP	1730							
DN	1730							
UP	1745							
DN	1745							
UP	1800							
DN	1800							
UP	1815							
DN	1818							
UP	1830							
DN	1830							
UP	1845							
DN	1845							

Comments:

Monitoring Completed By:

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Drager Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700	0.1	0.012	N-E	0.0	-	-	PRE-CLEAR SB-3
DN	700	2.3*	0.013	+ -	-	-	-	* DW PID KEEPS READING ~2.5, EVEN IN FRESH AIR. SWAPPING DW TO UP LOCATION AGAIN
UP	715							
DN	715							
UP	730	NM	0.014	W-E	0.0	-	-	PRE-CLEAR
DN	730	0.2	0.020	-	-	-	-	DB = 70.4
UP	745	NM	0.014	N-E	0.0	-	-	PRE-CLEAR
DN	745	0.2	0.012	-	-	-	-	DB = 76.2
UP	800	NM	0.019	W-E	0.0	-	-	JACKHAMMERING SB-3
DN	800	0.3	0.013	-	-	-	-	DB = 79.2
UP	815							
DN	815							
UP	830	NM	0.022	W-E	0.0	-	-	PREPPING RIG FOR SB-3 * DT. TURNED OFF, BACK ON, WEIRD SPIKE TO 0.995. NO DUST OK NOW
DN	830	0.4	0.020*	-	-	-	-	DB = 71.4
UP	845	NM	0.013	W-E	0.0	-	-	STARTING DO DRILL SB-3
DN	845	0.4	0.016	-	-	-	-	DB = 79.2
UP	900	NM	0.037	W-E	0.0	-	-	DRILLING SB-3
DN	900	0.4	0.017	-	-	-	-	DRILL DB = 81.7
UP	915	NM	0.056	W-E	0.0	-	-	DRILLING SB-3
DN	915	0.4	0.018	-	-	-	-	DB = 91.6
UP	930							
DN	930							
UP	945							
DN	945							
UP	1000							
DN	1000							
UP	1015							
DN	1015							
UP	1030	0.5	0.016	W-E	0.3	-	-	DRILLING SB-3 DW PID SEEMS TO BE WORKING NOW
DN	1030	0.2	0.020	-	-	-	-	DB = 78.7
UP	1045							
DN	1045							
UP	1100	0.5	0.018	W-E	0.4	-	-	DRILL SB-3
DN	1100	0.1	0.016	-	-	-	-	DB = 88.6
UP	1115	0.5	0.019	W-E	0.3	-	-	DRILL SB-3
DN	1115	0.1	0.016	-	-	-	-	DB = 87.8
UP	1130	0.3	0.020	W-E	0.3	-	-	DRILL SB-3
DN	1130	0.1	0.015	-	-	-	-	DB = 86.9
UP	1145							
DN	1145							
UP	1200	0.5	0.021	W-E	0.2	-	-	BREAK
DN	1200	0.2	0.018	-	-	-	-	DB = 70.6
UP	1215							
DN	1215							
UP	1230							
DN	1230							
UP	1245	0.6	0.018	W-E	0.0	-	-	GETTING WELL MATERIALS
DN	1245	0.2	0.016	-	-	-	-	DB = 72.3

SB-3

AECOM

Page 2 of 2

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300	0.5	0.021	W-E	0.3	-	-	DRILLING SB-3
DN	1300	0.1	0.018	-	-	-	-	DB = 84.5
UP	1315							
DN	1315							
UP	1330	0.6	0.082	W-E	0.2	-	-	INST. MW-3I NOTE: CLOUD OF SMOKE COMING
DN	1330	0.2	0.118	-	-	-	-	DB = 72.3 FROM ASPHALT PLANT
UP	1345							
DN	1345							
UP	1400	0.6	0.044	W-E	0.0	-	-	SETTING MW3 PAIR CLOUD FROM AP 15 PASSING
DN	1400	0.2	0.060	-	-	-	-	DB = 74.4
UP	1415							
DN	1415							
UP	1430	0.6	0.018	W-E	0.0	-	-	SETTING MW3 PAIR
DN	1430	0.2	0.024	-	-	-	-	DB = 75.9
UP	1445							
DN	1445							
UP	1500	0.6	0.029	W-E	0.0	-	-	SETTING MW3 PAIR
DN	1500	0.2	0.028	-	-	-	-	DB = 74.3
UP	1515							
DN	1515							
UP	1530	0.6	0.026	W-E	0.0	-	-	SETTING MW3 PAIR
DN	1530	0.2	0.024	-	-	-	-	DB = 74.4
UP	1545							
DN	1545							
UP	1600	0.6	0.022	W-E	0.2	-	-	SETTING MWB PAIR
DN	1600	0.2	0.018	-	-	-	-	DB = 72.5
UP	1615							
DN	1615							
UP	1630	0.6	0.011	W-E	0.4	-	-	SETTING MWB PAIR
DN	1630	0.1	0.014	-	-	-	-	DB = 72.8
UP	1645							
DN	1645							
UP	1700							
DN	1700							
UP	1715							
DN	1715							
UP	1730							
DN	1730							
UP	1745							
DN	1745							
UP	1800							
DN	1800							
UP	1815							
DN	1818							
UP	1830							
DN	1830							
UP	1845							
DN	1845							

Comments:

Monitoring Completed By:

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Drager Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700	NM*	0.060	W-E	0.0	-	-	JACKHAMMERING SB-15 * DW PID ACTING UP
DN	700	0.0	0.062	-	-	-	-	AGAIN. MOVED UW
UP	715	No readings	Equipment data loggers.					
DN	715	No readings						
UP	0735 735	0.4	0.069	W-E	0.0	-	-	PNC-clear SB-15. DW PID WORKING AGAIN
DN	0735 735	0.2	0.062	-	-	-	-	76.9 dB. -changed batteries on dw dustrak.
UP	0750 745	0.4	0.070	W-E	0.0	-	-	PNC-clear SB-15
DN	0750 745	0.2	0.073	-	-	-	-	79.0 dB
UP	800	0.4	0.067	W-E	0.0	-	-	PNC CLEAR SB-15
DN	800	0.3	0.079	-	-	-	-	DB=
UP	815	0.4	0.078	W-E	0.0	-	-	PNC CLEAR SB-15 COMPLETE
DN	815	0.3	0.079	-	-	-	-	
UP	830	0.5	0.081	W-E	0.0	-	-	SB = 15
DN	830	0.4	0.095	-	-	-	-	79.1 dB.
UP	845	0.6	0.097	W-E	0.0	-	-	no work.
DN	845	0.5	0.081	-	-	-	-	79.1 dB
UP	900	0.7	0.128	W-E	0.0	-	-	SETTING UP ON SB-15 NOTE! ASPHALT PLANT IS
DN	900	0.7	0.196	-	-	-	-	CREATING CLOUD AGAIN.
UP	915	0.7	0.128	W-E	0.0	-	-	SETTING UP ON SB-15 ASPHALT PLANT STILL
DN	915	0.6	0.121	W-E	-	-	-	MAKING CLOUD.
UP	930	0.4	0.068	W-E	0.0	-	-	DRILLING SB-15
DN	930	0.4	0.072	-	-	-	-	DB=
UP	945	0.5	0.062	W-E	0.0	-	-	DRILL SB-15
DN	945	0.4	0.063	-	-	-	-	DB= 87.5
UP	1000	0.4	0.075	W-E	0.0	-	-	DRILL
DN	1000	0.3	0.034	-	-	-	-	DB= 87.6
UP	1015	0.4	0.037	W-E	0.0	-	-	SB-15 no work.
DN	1015	0.3	0.033	-	-	-	-	79.2 dB.
UP	1030	0.3	0.033	W-E	0.0	-	-	SB-15. no work
DN	1030	0.3	0.032.	-	-	-	-	
UP	1045	0.4	0.030	W-E	0.0	-	-	DRILL SB-15
DN	1045	0.3	0.033	-	-	-	-	DB= 92.7
UP	1100	0.4	0.020	W-E	0.0	-	-	SB-15 advancing
DN	1100	0.3	0.020.	-	-	-	-	dB = 85.1
UP	1115	0.3	0.013	W-E	0.0	-	-	SB-15
DN	1115	0.4	0.043.	-	-	-	-	dB = 87.4.
UP	1130	0.2	0.010	W-E	0.0	-	-	SB-15
DN	1130	0.2	0.023.	-	-	-	-	AB = 88.6
UP	1145	0.1	0.005	W-E	0.2	-	-	SB-15
DN	1145	0.3	0.017.	-	-	-	-	dB = 88.7.
UP	1200	0.1	0.008	W-E	0.0	-	-	SB-15
DN	1200	0.3	0.02	-	-	-	-	AB = 89.7. change batteries
UP	1215	No readings						SB-15
DN	1215	No readings	W					
UP	1230	0.1	0.009	W-E	0.0	-	-	SB-15
DN	1230	0.3	0.014	-	-	-	-	77.6 dB.
UP	1245	0.1	0.070	W-E	0.0	-	-	SB-15 grinding
DN	1245	0.3	0.013	-	-	-	-	90.8 dB.

SB-15 / SB-13

AECOM

Page 2 of 2

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Draeger Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300	0.1	0.004	W-E	0.0	-	-	GROUTING SB-13
DN	1300	0.3	0.016	-	-	-	-	DB = 85.8
UP	1315	0.1	0.000	W-E	0.0	-	-	GROUT SB-13
DN	1315	0.3	0.014	-	-	-	-	DB = 85.7
UP	1330							
DN	1330							
UP	1345							
DN	1345							
UP	1400							
DN	1400							
UP	1415							
DN	1415							
UP	1430							
DN	1430							
UP	1445							
DN	1445							
UP	1500							
DN	1500							
UP	1515	0.1	0.001	W-E	0.0	-	-	PRE-CLEAR SB-13
DN	1515	0.3	0.021	W-E	-	-	-	DB = 79.7
UP	1530							TBREAK
DN	1530							
UP	1545	0.2	0.001	W-E	0.0	-	-	PRE-CLEAR
DN	1545	0.3	0.020	-	-	-	-	DB = 78.2
UP	1600	0.2	0.001	W-E	0.0	-	-	PRE-CLEAR
DN	1600	0.3	0.020	-	-	-	-	DB = 74.4
UP	1615	0.2	0.009	W-E	0.3	-	-	PRE-CLEAR
DN	1615	0.3	0.018	-	-	-	-	DB = 73.9
UP	1630	0.2	0.009	W-E	0.2	-	-	SETTING UP R16 CSB-13
DN	1630	0.4	0.040	-	-	-	-	DB = 81.8
UP	1645	0.2	0.002	W-E	0.0	-	-	SET UP
DN	1645	0.6	0.034	-	-	-	-	DB = 80.1
UP	1700	0.2	0.002	W-E	0.0	-	-	SET UP
DN	1700	0.6	0.038	-	-	-	-	DB = 74.3
UP	1715	0.2	0.012	W-E	0.0	-	-	DRILL SB-13
DN	1715	0.7	0.028	-	-	-	-	DB = 84.8
UP	1730	0.3	0.002	W-E	0.4	-	-	DRILL SB-13
DN	1730	0.8	0.021	-	-	-	-	DB = 88.1
UP	1745							
DN	1745							
UP	1800	0.3	0.009	W-E	0.0	-	-	DRILL SB-13
DN	1800	0.7	0.030	-	-	-	-	DB = 91.8
UP	1815							
DN	1818							
UP	1830	0.3	DEAD	W-E	0.8	-	-	DRILL SB-13
DN	1830	0.4	0.018	-	-	-	-	DB = 77.8
UP	1845							
DN	1845							

Comments:

Monitoring Completed By:

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700					-	-	
DN	700					-	-	
UP	715					-	-	
DN	715					-	-	
UP	730					-	-	
DN	730					-	-	
UP	745					-	-	
DN	745					-	-	
UP	800	0.0	DEAD SIT	W-E	0.0	-	-	DRILLING SB-13 CHAMFER BATT IN WWD.T.
DN	800	0.1	0.0SS	-	-	-	-	DB=88.2
UP	815					-	-	
DN	815					-	-	
UP	830	0.0	BATT.	W-E	0.0	-	-	DRILL SB-13
DN	830	0.2	0.056	-	-	-	-	DB=79.8
UP	845					-	-	
DN	845	0.0	0.026	W-E	0.0	-	-	DRILL SB-13
UP	900	0.2	0.052	-	-	-	-	DB=88.6
DN	900					-	-	
UP	915					-	-	
DN	915					-	-	
UP	930	0.0	0.026	W-E	QD	-	-	GROUT SB-13
DN	930	0.2	0.055	-	-	-	-	DB=77.8
UP	945					-	-	
DN	945					-	-	
UP	1000	0.0	0.028	W-E	0.0	-	-	GROUT SB-13
DN	1000	0.2	0.056	-	-	-	-	DB=78.5
UP	1015					-	-	
DN	1015					-	-	
UP	1030					-	-	
DN	1030					-	-	
UP	1045					-	-	
DN	1045					-	-	
UP	1100					-	-	MOVING EQUIPMENT / DECON
DN	1100					-	-	
UP	1115					-	-	
DN	1115					-	-	
UP	1130					-	-	
DN	1130					-	-	
UP	1145					-	-	
DN	1145					-	-	
UP	1205 1206	0.3	0.015	W-E	0.0	-	-	JACK HAMMER SB-10
DN	1205 1206	0.0	0.026	-	-	-	-	DB=81.8
UP	1215	0.3	0.011	W-E	0.4	-	-	HARD-CLEAR SB-10
DN	1215	0.4	0.018	-	-	-	-	DB=71.3
UP	1230	0.3	0.009	W-E	0.4	-	-	PRE-CLEAR SB-10
DN	1230	0.5	0.023	-	-	-	-	DB=72.3
UP	1245	0.3	0.038	W-E	0.4	-	-	PRE-CLEAR SB-10
DN	1245	0.7	0.034	-	-	-	-	DB=78.7

SB-10

AECOM

Page 2 of 2

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300	0.2	0.002	W-E	OFF	-	-	PRE-CLEAR SB-10
DN	1300	0.9	0.021	-	-	-	-	DB = 82.3 TURNED DW PB BACK ON
UP	1315							
DN	1315	0.2	0.009	W-E	0.4	-	-	CORING THRU CONCRETE @ SB-10
UP	1330	0.3	0.008	-	-	-	-	DB = 92.3
DN	1330							
UP	1345	0.2	0.007	W-E	0.4	-	-	CORING CONCRETE
DN	1345	0.3	0.005	-	-	-	-	90.7
UP	1400	0.2	0.008	W-E	0.4	-	-	DRILLING SB-10
DN	1400	0.3	0.029	-	-	-	-	DB 90.6
UP	1415	0.2	0.016	W-E	0.4	-	-	DRILL SB-10
DN	1415	0.3	0.045	-	-	-	-	DB = 88.1
UP	1430	0.2	0.009	W-E	0.6	-	-	DRILL SB-10.
DN	1430	0.6	0.031	-	-	-	-	73.9 dB
UP	1445	0.2	0.000	W-E	0.6	-	-	DRILL SB-10
DN	1445	0.3	0.026	-	-	-	-	80.2
UP	1500	0.2	0.013	W-E	0.5	-	-	BREAK
DN	1500	0.3	0.023	-	-	-	-	77.3
UP	1515							
DN	1515							
UP	1530	0.2	0.013	W-E	0.5	-	-	DRILL SB-10
DN	1530	0.3	0.040	-	-	-	-	88.9
UP	1545	0.2	0.009	W-E	0.5	-	-	DRILL SB-10
DN	1545	0.3	0.034	-	-	-	-	89.1
UP	1600	0.2	0.025	W-E	0.5	-	-	DRILL SB-10
DN	1600	0.3	0.032	-	-	-	-	82.1
UP	1615							
DN	1615							
UP	1630	0.2	0.008	W-E	0.6	-	-	DRILL SB-10
DN	1630	0.3	0.027	-	-	-	-	82.1
UP	1645							
DN	1645							
UP	1700	0.2	0.007	W-E	0.4	-	-	PREPPING PB GROUT SB-10
DN	1700	0.3	0.017	-	-	-	-	77.8
UP	1715							
DN	1715							
UP	1730	0.2	0.001	W-E	0.6	-	-	GROUTING SB-10
DN	1730	0.5	0.023	-	-	-	-	76.6
UP	1745	0.2	0.001	W-E	0.6	-	-	GROUTING
DN	1745	0.4	0.030	-	-	-	-	78.1
UP	1800	0.2	0.003	W-E	0.6	-	-	GROUTING
DN	1800	0.4	0.023	-	-	-	-	76.1
UP	1815							
DN	1818							
UP	1830							
DN	1830							
UP	1845							
DN	1845							

Comments:

Monitoring Completed By:

4/19/10

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Draeger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700							
DN	700							
UP	715							
DN	715							
UP	730							
DN	730							
UP	745							
DN	745							
UP	800							
DN	800							
UP	815							
DN	815							
UP	830							
DN	830							
UP	845							
DN	845							
UP	900							
DN	900							
UP	915							
DN	915							
UP	930	0.1	0.009	W-E	0.6	-	-	PPE-CLEAR SB-11
DN	930	0.3	0.009	-	-	-	-	DB=88.8
UP	945	0.3	0.012	W-E	0.4	-	-	PC SB-11
DN	945	0.5	0.092	-	-	-	-	DB=81.2
UP	1000	0.4	0.009	W-E	0.4	-	-	PC SB-11
DN	1000	0.6	0.032	-	-	-	-	DB=81.4
UP	1015	0.5	0.010	W-E	0.2	-	-	PC SB-11
DN	1015	0.6	0.011	-	-	-	-	DB=80.1
UP	1030	0.5	0.010	W-E	0.7	-	-	PC SB-11
DN	1030	0.6	0.011	-	-	-	-	DB=80.1
UP	1045	0.5	0.011	N-E	0.5	-	-	SETTING UP TO DRILL SB-11
DN	1045	0.7	0.010	-	-	-	-	DB=80.3
UP	1100	0.5	0.005	W-E	0.5	-	-	STILL SETTING UP NOTE: RE-CAL'D PIDS
DN	1100	0.7	0.015	-	-	-	-	DB=81.4
UP	1115	0.5	0.007	W-E	0.0			DRILLING SB-11
DN	1115	0.0	0.010	-	-	-	-	DB=87.5
UP	1130	0.5	0.007	W-E	0.2	-	-	DRILL SB-11
DN	1130	0.1	0.009	-	-	-	-	DB=83.4
UP	1145	0.5	0.008	W-E	0.0	-	-	DRILL SB-11
DN	1145	0.0	0.007	-	-	-	-	DB=88.5
UP	1200	0.4	0.008	W-E	0.0	-	-	DRILL SB-11
DN	1200	0.0	0.016	-	-	-	-	DB=86.8
UP	1215	0.4	0.009	W-E	0.0	-	-	DRILL SB-11
DN	1215	0.0	0.013	-	-	-	-	DB=89.2
UP	1230							
DN	1230							
UP	1245	0.3	0.008	W-E	0.2	-	-	DRILL SB-11 BATTERIES DING IN W/W
DN	1245	0.0	0.010	-	-	-	-	DB=77.2 PID + DUST TRAK

4/20/10

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700							
DN	700							
UP	715							
DN	715							
UP	730							
DN	730							
UP	745	0.0	0.016	W-E	0.1	-	-	PREP FOR SB-18 RECALING DN PID.
DN	745	2.4	0.014	-	-	-	-	DB=80.2
UP	800	0.2	0.016	W-E	0.2	-	-	PRE-CLEAR SB-18
DN	800	0.1	0.021	-	-	-	-	DB=83.4
UP	815	0.2	0.025	W-E	0.2	-	-	PRE-CLEAR SB-18
DN	815	0.1	0.019	-	-	-	-	DB=87.3
UP	830	0.1	0.024	W-E	0.2	-	-	PRE-CLEAR SB-18 change upw wind direction PID batteries.
DN	830	0.1	0.031	-	-	-	-	DB=74.5
UP	845	0.2	0.017	W-E	0.2	-	-	PRE-CLEAR SB-18
DN	845	0.4	0.027	-	-	-	-	DB=80.1
UP	900	0.2	0.024	W-E	0.4	-	-	PRE-CLEAR SB-18
DN	900	0.4	0.026	-	-	-	-	DB=77.5
UP	915	0.1	0.015	N-E	0.3	-	-	PRE-clear SB-18.
DN	915	0.4	0.047	-	-	-	-	84.6 dB
UP	930	0.1	0.026	W-E	0.4	-	-	PRE-clear SB-18.
DN	930	0.5	0.063	-	-	-	-	DB=76.7.
UP	945	0.1	0.028	N-E	0.4	-	-	PREP TO DRILL SB-18
DN	945	0.5	0.044	-	-	-	-	DB=75.8
UP	1000	0.1	0.023	N-E	0.4	-	-	DRILLING SB-18
DN	1000	0.5	0.028	-	-	-	-	DB=85.7
UP	1015	0.1	0.008	W-E	0.5	-	-	DRILL SB-18
DN	1015	0.1	0.024	-	-	-	-	DB=83.4
UP	1030	0.1	0.010	W-E	0.5	-	-	DRILL SB-18
DN	1030	0.0	0.025	-	-	-	-	DB=85.4
UP	1045	0.1	0.017	W-E	0.4	-	-	DRILL SB-18
DN	1045	0.0	0.027	-	-	-	-	DB=83.8
UP	1100							
DN	1100							
UP	1115	0.1	0.024	W-E	0.4	-	-	DRILL SB-18
DN	1115	0.0	0.035	-	-	-	-	DB=80.1
UP	1130	0.1	-0.004*	N-E	0.4	-	-	DRILL SB-18 + will re-zero D.T.
DN	1130	0.0	0.036	-	-	-	-	DB=84.4
UP	1145	0.1	-0.005	W-E	0.7	-	-	DRILL SB-18
DN	1145	0.0	0.034	-	-	-	-	DB=85.6
UP	1200	0.0	-0.006	W-E	0.5	-	-	DRILL SB-18
DN	1200	0.0	0.010	-	-	-	-	DB=84.8
UP	1215							
DN	1215							
UP	1230	0.0	0.004	W-E	0.8	-	-	DRILL SB-18
DN	1230	0.0	0.009	-	-	-	-	DB=89.8
UP	1245	0.0	-	W-E	0.7	-	-	DRILL SB-18
DN	1245	0.0	0.009	-	-	-	-	DB=91.2

SB-1B

4/20/10

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Page 2 of 2

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300	0.0	—	W-E	0.5	—	—	DRILLING SB-1B
DN	1300	0.0	0.009	—	—	—	—	DB = 88.9
UP	1315							
DN	1315							
UP	1330	0.0	-0.005	W-E	0.6	—	—	PUNISHED DRILLING SB-1B
DN	1330	0.0	0.003	—	—	—	—	DB = 79.1
UP	1345							
DN	1345							
UP	1400							
DN	1400							
UP	1415							
DN	1415							
UP	1430							
DN	1430							
UP	1445							
DN	1445							
UP	1500							
DN	1500							
UP	1515							
DN	1515							
UP	1530							
DN	1530							
UP	1545							
DN	1545							
UP	1600							
DN	1600							
UP	1615							
DN	1615							
UP	1630							
DN	1630							
UP	1645							
DN	1645							
UP	1700							
DN	1700							
UP	1715							
DN	1715							
UP	1730							
DN	1730							
UP	1745							
DN	1745							
UP	1800							
DN	1800							
UP	1815							
DN	1818							
UP	1830							
DN	1830							
UP	1845							
DN	1845							

Comments:

Monitoring Completed By:

Site: SB-6

Date:

4/21/10

Location	Time	PID (ppm)	Particulate (mg/m3)	Wind Direction/Speed	Work Area Breathing Zone	Draeger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700	0.0	0.036	W-E	0.1	-	-	DRILLING SB-6
DN	700	0.0	0.034	-	-	-	-	DB=55.5
UP	715	0.2	0.035	W-E	0.3	-	-	DRILLING SB-6
DN	715	2.7*	0.036	-	-	-	-	DB=80.1 * RECALMING
UP	730	0.2	0.035	W-E	0.3	-	-	DRILL SB-6
DN	730	2.9*	0.038	-	-	-	-	DB=80.0 * PID WONT CAL PROPERLY, SWITCHING TO UAS
UP	745	0.3	0.030	W-E	0.4	-	-	DRILL SB-6
DN	745	0.3	0.042	-	-	-	-	DB=86.2
UP	800	—	0.035	W-E	0.4	-	-	DRILL SB-6
DN	800	0.2	0.040	-	-	-	-	DB=88.2
UP	815	—	0.035	W-E	0.4	-	-	DRILL SB-6
DN	815	0.2	0.040	-	-	-	-	DB=88.2
UP	830	—	0.034	W-E	0.4	-	-	RUNNING CASING ? SB-6
DN	830	0.3	0.039	-	-	-	-	DB=82.3
UP	845							
DN	845							
UP	900							
DN	900							
UP	915	—	0.038	W-E	0.4	-	-	INSTALLING MW-6
DN	915	0.3	0.043	-	-	-	-	DB=84.2
UP	930							
DN	930							
UP	945							
DN	945							
UP	1000							
DN	1000							
UP	1015							
DN	1015							
UP	1030							
DN	1030							
UP	1045	—	0.015	W-E	0.4	-	-	SETTING MW-6
DN	1045	0.3	0.037	-	-	-	-	DB=79.2
UP	1100							
DN	1100							
UP	1115							
DN	1115							
UP	1130	—	0.008	W-E	0.4	-	-	MW-6S/I INSTALLED, PACKING UP TO WORK
DN	1130	0.3	0.040	-	-	-	-	DB=80.4
UP	1145							
DN	1145							
UP	1200							
DN	1200							
UP	1215	MOVING EQUIPMENT						
DN	1215							
UP	1230							
DN	1230							
UP	1245							
DN	1245							

4/21/10

AECOM

Page 2 of 2

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300							
DN	1300							
UP	1315							
DN	1315							
UP	1330							
DN	1330							
UP	1345							Moving to SB-5
DN	1345							
UP	1400							
DN	1400							
UP	1415							
DN	1415							
UP	1430							
DN	1430							
UP	1445	-	0.015	E-W	0.4	-	-	PRE-CLEAR SBS
DN	1445	0.2	0.038	-	-	-	-	DB = 93.6
UP	1500							
DN	1500							
UP	1515	-	0.017	E-W	0.4	-	-	PRE-CLEAR SBS
DN	1515	0.2	0.027	-	-	-	-	DB = 81.5
UP	1530	-	0.014	E-W	0.4	-	-	PRE-CLEAR SBS
DN	1530	0.2	0.050	-	-	-	-	DB = 77.1
UP	1545							
DN	1545							
UP	1600	-	0.017	E-W	0.4	-	-	PRE-CLEAR SBS
DN	1600	0.2	0.040	-	-	-	-	DB = 79.1
UP	1615	-	0.019	E-W	0.4	-	-	PRE-CLEAR SBS
DN	1615	0.3	0.026	-	-	-	-	DB = 80.4
UP	1630	-	0.018	E-W	0.4	-	-	PRE-CLEAR SBS
DN	1630	0.3	0.030	-	-	-	-	DB = 77.9
UP	1645	-	0.020	E-W	0.4	-	-	DRILLING SBS
DN	1645	0.5	0.036	-	-	-	-	DB = 85.4
UP	1700	-	0.064	E-W	0.4	-	-	DRILLING SBS WIND IS WHIPPING NOW
DN	1700	0.3	0.050	-	-	-	-	DB = 89.2
UP	1715	-	0.022	E-W	0.5	-	-	DRILL SBS
DN	1715	0.4	0.077	-	-	-	-	DB = 92.6
UP	1730							
DN	1730							
UP	1745							
DN	1745							
UP	1800							
DN	1800							
UP	1815							
DN	1818							
UP	1830							
DN	1830							
UP	1845							
DN	1845							

Comments:

Monitoring Completed By:

Site: SB-5
Date: 4/22/10

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area, Breathing Zone	Dräger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700	0.4	0.117	E-W	0.4	-	-	DRILL SBS + DW PID still won't hold calc.
DN	700	2.67	0.188	-	-	-	-	DB = 89.1 SWITCHING TO UW
UP	715							
DN	715							
UP	730							
DN	730							
UP	745	—	0.110	E-W	0.4	-	-	DRILL SBS
DN	745	0.4	0.111	-	-	-	-	DB = 92.1
UP	800	—	0.090	E-W	0.4	-	-	
DN	800	0.6	0.084	-	-	-	-	
UP	815	—	0.090	E-W	0.4	-	-	DRILL SBS SWITCHED BATTERIES IN D. TUBE (UW DIED)
DN	815	0.6	0.084	-	-	-	-	DB = 85.3
UP	830	—	0.077	E-W	0.3	-	-	DRILL SBS
DN	830	0.7	0.084	-	-	-	-	DB = 78.4
UP	845	—	0.081	E-W	0.7	-	-	DRILL SBS
DN	845	0.7	0.086	-	-	-	-	DB = 89.9
UP	900	—						
DN	900							
UP	915	—	0.072	E-W	0.4	-	-	DRILL SBS
DN	915	0.7	0.087	-	-	-	-	DB = 91.1
UP	930							
DN	930							
UP	945							
DN	945							
UP	1000							
DN	1000							
UP	1015							
DN	1015							
UP	1030	—	0.047	E-W	0.4	-	-	RUNNING CASING FOR MW-SI
DN	1030	0.6	0.065	-	-	-	-	DB = 90.0
UP	1045							
DN	1045							
UP	1100	—	0.039	E-W	0.4	-	-	INSTALLING MW-SI/SI
DN	1100	0.6	0.060	-	-	-	-	DB = 80.6
UP	1115							
DN	1115							
UP	1130							
DN	1130							
UP	1145							
DN	1145							
UP	1200	—	0.022	E-W	0.4	-	-	INSTALLING MW-SI/SI
DN	1200	0.3	0.049	-	-	-	-	DB = 84.7
UP	1215							
DN	1215							
UP	1230							
DN	1230							
UP	1245							
DN	1245							

RIG DOWN (DETERMINING DEPTH OF MW-SI)

SB-5
4/22/10

AECOM

Page 2 of 2

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Draeger Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300							
DN	1300							
UP	1315							
DN	1315							
UP	1330							
DN	1330							
UP	1345							
DN	1345							
UP	1400	-	0.036	E-W	0.3	-	-	GROUTING MW SE/SW
DN	1400	0.2	0.047	-	-	-	-	DB = 90.1
UP	1415							
DN	1415							
UP	1430	-	0.017	E-W	0.3	-	-	GROUTING COMPLETE (2 SE/SW)
DN	1430	0.2	0.046	-	-	-	-	DS = 80.9
UP	1445							
DN	1445							
UP	1500							
DN	1500							
UP	1515							
DN	1515							
UP	1530							
DN	1530							
UP	1545							
DN	1545							
UP	1600							
DN	1600							
UP	1615							
DN	1615							
UP	1630							
DN	1630							
UP	1645							
DN	1645							
UP	1700							
DN	1700							
UP	1715							
DN	1715							
UP	1730							
DN	1730							
UP	1745							
DN	1745							
UP	1800							
DN	1800							
UP	1815							
DN	1818							
UP	1830							
DN	1830							
UP	1845							
DN	1845							

Comments:

Monitoring Completed By:

4/27/10

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Draeger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700							
DN	700							
UP	715							
DN	715							
UP	730							
DN	730							
UP	745							
DN	745							
UP	800							
DN	800							
UP	815							
DN	815							
UP	830							
DN	830							
UP	845	-	0.039	E-W	0.0	-	-	PREPPING TO DRILL BORING FOR MW-5S
DN	845	0.4	0.049	-	-	-	-	DB = 86.2
UP	900							
DN	900							
UP	915	-	0.037	E-W	0.0	-	-	PRE-CLEAR MW-5S
DN	915	0.7	0.059	-	-	-	-	DB = 92.6
UP	930	-	0.030	E-W	0.0	-	-	PRE-CLEAR MW-5S
DN	930	0.6	0.041	-	-	-	-	DB = 84.3
UP	945	-	0.046	E-W	0.0	-	-	PC MW-5S
DN	945	0.7	0.051	-	-	-	-	DB = 88.1
UP	1000							
DN	1000							
UP	1015	-	0.038	E-W	0.0	-	-	CORING THRU STONE FLOOR @ MW-5S
DN	1015	0.7	0.054	-	-	-	-	DB = 95.4
UP	1030							
DN	1030							
UP	1045							
DN	1045							
UP	1100							
DN	1100							
UP	1115	-	0.027	E-W	0.1	-	-	SETTING MW-5S
DN	1115	0.6	0.041	-	*	-	-	DB = 88.9
UP	1130							
DN	1130							
UP	1145	MOVING TO SB-4				<u>NOTE</u> DW PID APPEARS TO BE CALIBRATED NOW. SWITCHING UW/DW PIDS BACK.		
DN	1145							
UP	1200							
DN	1200							
UP	1215							
DN	1215							
UP	1230							
DN	1230							
UP	1245							
DN	1245							

NOTE NEW PID ARRIVED, UW IS BACK @ UW LOC.

SB4
4/21/10

AECOM

Page 2 of 2

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Draeger Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300	0.4	0.015	W-E	0.4	-	-	CORING ASPHALT @ SB-4
DN	1300	0.0	0.023	-	-	-	-	DB = 88.4
UP	1315	0.3	0.018	W-E	0.3	-	-	PREP-CLEAR SB-4
DN	1315	0.0	0.028	-	-	-	-	DB = 91.2
UP	1330	0.3	0.009	W-E	0.3	-	-	PC SP-4
DN	1330	0.0	-	-	-	-	-	DB = 84.6 DN D.T. BATT. DIED. WILL REPL.
UP	1345							
DN	1345							
UP	1400							
DN	1400							
UP	1415	0.1	0.012	W-E	0.3	-	-	SETTING UP TO DRILL SB-4
DN	1415	0.0	0.014	-	-	-	-	DB = 88.2 DN D.T. DIED AGAIN BUT RUNNING AGAIN
UP	1430							
DN	1430							
UP	1445							
DN	1445							
UP	1500	0.1	0.001	W-E	0.3	-	-	DRILLING SB-4
DN	1500	0.0	0.039	-	-	-	-	DB = 89.5
UP	1515							
DN	1515							
UP	1530							
DN	1530							
UP	1545							
DN	1545							
UP	1600	0.1	0.001	W-E	0.3	-	-	DRILL SB-4
DN	1600	0.0	0.011	-	-	-	-	DB = 92.3
UP	1615							
DN	1615							
UP	1630							
DN	1630							
UP	1645							
DN	1645							
UP	1700	0.1	0.002	W-E	0.5	-	-	DRILL SB-4
DN	1700	0.0	0.003	-	-	-	-	DB = 88.9
UP	1715							
DN	1715							
UP	1730	0.1	0.000	W-E	0.5	-	-	DRILL SB-4 DN. D.T. KEEPS DRIVING
DN	1730	0.0	0.004	-	-	-	-	DB = 88.7
UP	1745							
DN	1745							
UP	1800	0.1	0.002	W-E	0.5	-	-	WRAPPING UP FOR THE DAY
DN	1800	0.0	-	-	-	-	-	DB = 81.8
UP	1815							
DN	1818							
UP	1830							
DN	1830							
UP	1845							
DN	1845							

Comments:

Monitoring Completed By:

Location	Time	PID (ppm)	Particulate (mg/m ³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700							
DN	700							
UP	715							
DN	715							
UP	730							
DN	730							
UP	745							
DN	745							
UP	800							
DN	800							
UP	815							
DN	815							
UP	830							
DN	830							
UP	845							
DN	845							
UP	900							
DN	900							
UP	915							
DN	915							
UP	930							
DN	930							
UP	945							
DN	945							
UP	1000							
DN	1000							
UP	1015							
DN	1015							
UP	1030							
DN	1030							
UP	1045							
DN	1045							
UP	1100							
DN	1100							
UP	1115							
DN	1115							
UP	1130							
DN	1130							
UP	1145							
DN	1145							
UP	1200							
DN	1200							
UP	1215							
DN	1215							
UP	1230							
DN	1230							
UP	1245							
DN	1245							

SB-7 4/28/10

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Page 2 of 2

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300	0.0	0.012	W-E	0.1	-	-	STARTING TO PRE-CLEAR SB-7 DB = 89.6
DN	1300	0.0	0.024	-	-	-	-	
UP	1315	0.2	0.011	W-E	0.1	-	-	CORING SIDEWALK @ SB-7 DB = 87.5
DN	1315	0.0	0.013	-	-	-	-	
UP	1330	0.2	0.009	W-E	0.0	-	-	PRE-CLEAR SB-7
DN	1330	0.0	0.009	-	-	-	-	DB = 88.1
UP	1345	0.0	0.010	W-E	0.0	-	-	PC SB-7
DN	1345	0.0	0.007	-	-	-	-	DB = 84.2
UP	1400							
DN	1400							
UP	1415	0.0	0.012	W-E	0.0	-	-	
DN	1415	0.0	0.007	-	-	-	-	DB = 81.1
UP	1430							
DN	1430							
UP	1445	0.0	0.020	W-E	0.0	-	-	DRILLING SB-7
DN	1445	0.0	0.012	-	-	-	-	DB = 85.6
UP	1500							
DN	1500							
UP	1515							
DN	1515							
UP	1530							
DN	1530							
UP	1545 DEAD BTM	0.006	0.006	W-E	0.0	-	-	CLEANING UP FOR THE DAY
DN	1545	0.0	0.003	-	-	-	-	
UP	1600							
DN	1600							
UP	1615							
DN	1615							
UP	1630							
DN	1630							
UP	1645							
DN	1645							
UP	1700							
DN	1700							
UP	1715							
DN	1715							
UP	1730							
DN	1730							
UP	1745							
DN	1745							
UP	1800							
DN	1800							
UP	1815							
DN	1818							
UP	1830							
DN	1830							
UP	1845							
DN	1845							

Comments:

Monitoring Completed By:

AECOM-Environment
CAMP Station Real Time Air Monitoring Results

Site: SB-7
Date: 4/29/10

AECOM

Page 1 of 2

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700							
DN	700							
UP	715							
DN	715							
UP	730							
DN	730							
UP	745							
DN	745							
UP	800							
DN	800							
UP	815							
DN	815							
UP	830							
DN	830							
UP	845							
DN	845							
UP	900							
DN	900							
UP	915	0.0	0.009	W-E	0.0	-	-	STARTING TO DRILL SB-7 AGAIN
DN	915	0.0	0.022	-	-	-	-	DB = 87.9
UP	930	0.0	0.024	W-E	0.0	-	-	DRILLING SB-7
DN	930	0.0	0.018	-	-	-	-	DB = 92.5
UP	945	0.1	0.015	W				
DN	945	0.0	0.016	-				
UP	1000	0.1	0.015	W-E	0.0	-	-	DRILL SB-7
DN	1000	0.0	0.016	-	-	-	-	DB = 90.1
UP	1015	0.0	0.011	W-E	0.0	-	-	DRILL SB-7
DN	1015	0.0	0.023	-	-	-	-	DB = 89.1
UP	1030	0.0	0.016	W-E	0.0	-	-	DRILLING SB-7 COMPLETE
DN	1030	0.0	0.014	-	-	-	-	DB = 86.8
UP	1045							
DN	1045							
UP	1100	0.1	0.011	W-E	0.0	-	-	PREPPING TO SET MW-7S/7E
DN	1100	0.0	0.017	-	-	-	-	DB = 83.1
UP	1115							
DN	1115							
UP	1130	0.0	0.010	W-E	0.0	-	-	STARTING TO INSTALL MW-7S/7E
DN	1130	0.0	0.016	-	-	-	-	DB = 84.1
UP	1145							
DN	1145							
UP	1200							
DN	1200							
UP	1215	0.0	0.004	W-E	0.0	-	-	INSTALLING MW-7S/7E
DN	1215	0.0	0.020	-	-	-	-	DB = 83.0
UP	1230							
DN	1230							
UP	1245							
DN	1245							

Site: SB-17
Date: 5/3/10

Location	Time	PM	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Draeger Tubes		Activity/Notes
							Benzene	Hydrogen Cyanide	
UP	700								
DN	700								
UP	715								
DN	715								
UP	730								
DN	730								
UP	745								
DN	745								
UP	800								
DN	800								
UP	815								
DN	815								
UP	830								
DN	830								
UP	845								
DN	845								
UP	900	0.4	0.017	w-E	0.0	-	-	PRE-CLEAR SB-17	
DN	900	0.0	0.026		-	-	-	DP = 83.9	
UP	915								
DN	915								
UP	930	0.9*	0.014	w-E	0.0	-	-	PC SB-17	
DN	930	0.2	0.027		-	-	-	DB = 85.6	
UP	945	0.9*	0.024	w-E	0.0	-	-	PC SB-17	
DN	945	0.1	0.044		-	-	-	SB = 86.2	
UP	1000	0.6*	0.018		-	-	-	PC SB-17	
DN	1000	0.0	0.025		-	-	-	DB = 80.4	
UP	1015	0.5	0.014		-	-	-	PC SB-17	
DN	1015	0.3	0.019*		-	-	-	DB = 78.1	& Low BAT.
UP	1030	0.5	0.041		0.3	-	-	DR = 84.1	BAT CHANGED
DN	1030	0.0	0.025		-	-	-	PC SB-17	
UP	1045	0.4	0.026		0.3	-	-	PC SB-17	
DN	1045	0.0	0.026		-	-	-	DB = 79.8	
UP	1100	0.6	0.020		0.5	-	-	PC SB-17	
DN	1100	0.1	0.021		-	-	-	DB = 80.4	
UP	1115	0.5	0.018		0.6	-	-	PC SB-17	
DN	1115	6.2	0.026		-	-	-	dB = 85.5	
UP	1130	0.4	0.037		0.7	-	-	PC SB-17	
DN	1130	0.5	0.030		-	-	-	dB = 78.2	
UP	1145	0.5	0.021		0.6	-	-	PC SB-17	
DN	1145	0.0	0.028		-	-	-	dB = 78.2	
UP	1200	0.8*	0.026		0.8	-	-	PC SB-17	
DN	1200	0.2	0.048		-	-	-	dB = 82.5	
UP	1215	0.5	0.030		0.8	-	-	Prep to dr. II-SB-17	
DN	1215	0.3	0.047		-	-	-	dB = 89.1	
UP	1230	0.7	0.027	w-E	0.8	-	-	drilling SB-17	
DN	1230	0.3	0.036		-	-	-	SB 90.1	
UP	1245	0.6	0.024		0.8	-	-	drilling SB-17	
DN	1245	0.4	0.031		-	-	-	dB = 92.1	

SB-17
SI4110

Location	AM	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Chips		Activity/Notes
							Benzene	Hydrogen Cyanide	
UP		1300	0.5	0.038	W-E	1.0	—	—	Drilling SB-17 dB-74.1
DN		1300	0.5	0.046	—	—	—	—	
UP		1315	0.6	0.024	—	1.1	—	—	Drilling SB-17 dB-82.3
DN		1315	0.5	0.034	—	—	—	—	
UP		1330	0.8	0.033	W-E	8.0-12	—	—	Drilling SB-17 dB-87.6
DN		1330	0.5	0.643	—	—	—	—	
UP		1345	0.5	0.030	—	1.0	—	—	Drilling SB-17 dB-89.1
DN		1345	0.6	0.043	—	—	—	—	
UP		1400	0.6	0.035	W-E	1.1	—	—	Drilling SB-17 dB-93.1
DN		1400	0.6	0.044	—	—	—	—	
UP		1415	0.6	0.033	—	1.2	—	—	Drilling SB-17 dB-85.3
DN		1415	0.5	0.039	—	—	—	—	
UP		1430	0.5	0.029	—	1.3	—	—	Drilling SB-17 dB-83.1
DN		1430	0.5	0.030	—	—	—	—	
UP		1445	0.6	0.028	W-E	1.2	—	—	Break dB-77.8
DN		1445	0.4	0.036	—	—	—	—	
UP		1500	0.6	0.033	W-E	2.1	—	—	Drilling SB-17 dB-84.5
DN		1500	0.4	0.041	—	—	—	—	
UP		1515	0.6	0.031	—	2.0	—	—	Drilling SJS-17 dB-85.7
DN		1515	0.3	0.042	—	—	—	—	
UP		1530	0.7	0.041	W-E	3.2	—	—	Clean up dB-76.7
DN		1530	0.3	0.043	—	—	—	—	
UP		1545	0.7	0.037	W-E	—	—	—	Clean up - SB-17 Drilling Complete dB-82.4
DN		1545	0.4	0.051	—	—	—	—	
UP		1600							
DN		1600							
UP		1615							
DN		1615							
UP		1630							
DN		1630							
UP		1645							
DN		1645							
UP		1700							
DN		1700							
UP		1715							
DN		1715							
UP		1730							
DN		1730							
UP		1745							
DN		1745							
UP		1800							
DN		1800							
UP		1815							
DN		1818							
UP		1830							
DN		1830							
UP		1845							
DN		1845							

Comments:

Monitoring Completed By:

Site: SB-17 / SB-8
Date: 5/4/10 PM

Location	PM Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Drager Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700							
DN	700							
UP	715							
DN	715							
UP	730							
DN	730							
UP	745							
DN	745							
UP	800							
DN	800							
UP	815	0.3	0.013	E-W	-*	—	—	Prep for Grouting SB-17 - Work Zone PSD
DN	815	0.0	0.021	E-W	—	—	—	DB-90.4
UP	830	0.3	0.011	WE	0.2	—	—	PREP FOR GROUT SB-17 - Wind Change PSD - SWAPPED CAMP Location
DN	830	0.0	0.031	W-E	—	—	—	dB-92.9
UP	845	0.2	0.011	W-E	0.1	—	—	PREP FOR GROUTING SB-17
DN	845	0.1	0.014	—	—	—	—	dB-91.8
UP	900	0.3	0.010	—	0.2	—	—	PREP FOR GROUT SB-17
DN	900	0.0	0.013	—	—	—	—	dB-91.6
UP	915	0.5	0.014	—	0.3	—	—	GROUTING SB-17
DN	915	0.0	0.018	—	—	—	—	dB-86.1
UP	930	0.5	0.038	W-E	0.4	—	—	GROUTING SB-17
DN	930	0.3	0.014	—	—	—	—	dB-92.1
UP	945	0.5	0.011	W-E	0.4	—	—	GROUTING SB-17
DN	945	0.0	0.016	—	—	—	—	dB-91.6
UP	1000	0.4	0.016	W-E	0.5	—	—	GROUTING SB-17
DN	1000	0.1	0.067	W-E	—	—	—	dB-88.9
UP	1015	0.5	0.011	W-E	0.1	—	—	CAMP Relocated to SB-8
DN	1015	0.1	0.016	W-E	—	—	—	dB-79.0
UP	1030	0.4	0.014	WE	0.6	—	—	PRE-CLEAR -SB-8
DN	1030	0.0	0.042	—	—	—	—	dB-84.1
UP	1045	0.8	0.025	W-E	0.6	—	—	PC-SB-8
DN	1045	0.2	0.022	—	—	—	—	dB-83.0
UP	1100	0.5	0.021	—	0.6	—	—	Break
DN	1100	0.2	0.024	—	—	—	—	dB-76.0
UP	1115	0.6	0.022	W-E	0.7	—	—	& BREAK
DN	1115	0.0	0.072	W-E	—	—	—	dB-78.9
UP	1130	0.5	0.022	W-E	0.8	—	—	PC-SB-8
DN	1130	0.1	0.023	—	—	—	—	dB-84.5
UP	1145	0.7	0.025	W-E	0.9	—	—	PC-SB-8
DN	1145	0.0	0.028	—	—	—	—	dB-82.6
UP	1200	0.7	0.028	W-E	0.9	—	—	PC-SB-8
DN	1200	0.2	0.046	—	—	—	—	dB-91.5
UP	1215	0.7	0.022	W-E	0.9	—	—	PC-SB-8
DN	1215	0.1	0.022	W-E	—	—	—	dB-82.7
UP	1230	0.6	0.024	W-E	5.0	—	—	PC-SB-8 - 2 generators running
DN	1230	0.7	0.039	WE	—	—	—	dB-82.6
UP	1245	0.6	0.041	W-E	1.1	—	—	PC-SB-8
DN	1245	0.3	0.064	W-E	—	—	—	dB-83.5

SB-8/186
5/4/10 - 5/5/10

AECOM

Page 2 of 2

Location	Time	AM	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Chips		Activity/Notes
							Benzene	Hydrogen Cyanide	
UP	1300		0.8	0.018	W-E	1.4	—	—	PC-SB-8
DN	1300		0.3	0.091	W-E	—	—	—	dB-91.6
UP	1315		0.6	0.019	—	1.1	—	—	PC-SB-8 and 18-CAMP STATIONS MOVED TO CONTAIN 18 INES
DN	1315		0.1	0.024	—	—	—	—	dB-78.8
UP	1330		0.6	0.017	W-E	1.0	—	—	PC-SB-8 + 18/16
DN	1330		0.0	0.020	W-E	—	—	—	dB-81.5
UP	1345		0.7	0.019	W-E	1.1	—	—	PC-SB-8 + 18/16
DN	1345		0.1	0.021	W-E	—	—	—	dB-78.4
UP	1400		0.6	0.024	W-E	1.1	—	—	PC-SB-8 + 18/16 SB-8 complete.
DN	1400		0.0	0.029	W-E	—	—	—	dB-76.5
UP	1415		0.6	0.028	W-E	1.0	—	—	PC-SB-18/16
DN	1415		0.0	0.033	W-E	—	—	—	dB-77.9
UP	1430		0.7	0.034	—	1.1	—	—	PC-SB-18/16
DN	1430		0.0	0.028	—	—	—	—	dB-77.7
UP	1445		0.7	0.026	W-E	1.2	—	—	PC-SB-18/16
DN	1445		0.0	0.051	W-E	—	—	—	dB-76.1
UP	1500		0.7	0.028	W-E	1.2	—	—	PC-SB-18/16
DN	1500		0.0	0.055	W-E	—	—	—	dB-75.3
UP	1515		0.7	0.028	W-E	1.1	—	—	PC-SB-18/16
DN	1515		0.1	0.032	W-E	—	—	—	dB-72.4
UP	1530		0.8	0.029	W-E	1.2	—	—	PC-SB-18/16
DN	1530		0.1	0.057	W-E	—	—	✓	dB-72.3
UP	1545		0.7	0.021	W-E	1.3	—	—	PC-SB-18/16
DN	1545		0.1	0.028	W-E	—	—	—	dB-73.2
UP	1600		0.7	0.024	W-E	1.3	—	—	PC-SB-18/16 PRE CLEAR COMPLETE
DN	1600		0.1	0.028	W-E	—	—	—	dB-80.4
UP	1615								
DN	1615								
UP	1630								
DN	1630								
UP	1645								
DN	1645								
UP	1700								
DN	1700								
UP	1715								
DN	1715								
UP	1730								
DN	1730								
UP	1745								
DN	1745								
UP	1800								
DN	1800								
UP	1815								
DN	1818								
UP	1830								
DN	1830								
UP	1845								
DN	1845								

Comments:

Monitoring Completed By:

Location	PM Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700							
DN	700							
UP	715							
DN	715							
UP	730							
DN	730							
UP	745	0.0	0.020	E-W	0.0	—	—	PREP TO DRILL SB-8
DN	745	0.1	0.025	E-W	—	—	—	dB - 82.4
UP	800	0.0	0.016	E-W	0.0	—	—	dB - 87.6
DN	800	0.2	0.034	E-W	—	—	—	PREP FOR DRILLING SB-8
UP	815	0.1	0.614	E-W	0.1	—	—	DRILLING SB-8
DN	815	0.2	0.026	E-W	—	—	—	dB - 87.6
UP	830	0.1	0.011	E-W	0.4	—	—	DRILLING SB-8
DN	830	0.2	0.023	E-W	—	—	—	dB - 89.4
UP	845	0.1	0.009	E-W	0.1	—	—	DRILLING SB-8
DN	845	0.1	0.019	E-W	—	—	—	dB - 90.2
UP	900	0.2	0.009	E-W	0.1	—	—	DRILLING SB-8
DN	900	0.1	0.016	E-W	—	—	—	dB - 88.5 BAT IN DUST TRAIL C. WANG
UP	915	0.2	0.010	E-W	0.1	—	—	DRILLING SB-8
DN	915	0.2	0.015	E-W	—	—	—	dB - 88.9
UP	930	0.1	0.014	E-W	0.2	—	—	DRILLING SB-8
DN	930	0.1	0.021	E-W	—	—	—	dB - 88.8
UP	945	0.1	0.011	E-W	0.2	—	—	DRILLING SB-8
DN	945	0.2	0.023	E-W	—	—	—	dB - 89.8
UP	1000	0.2	0.019	E-W	0.2	—	—	INSTALLING MW-8
DN	1000	0.1	0.029	E-W	—	—	—	dB - 87.8
UP	1015	0.2	0.023	E-W	0.3	—	+	INSTALLING MW-8
DN	1015	0.2	0.018	E-W	—	—	—	dB - 93.8
UP	1030	0.3	0.624	E-W	0.3	—	—	INSTALLING MW-8
DN	1030	0.2	0.038	E-W	—	—	—	dB - 80.9
UP	1045	0.3	0.028	E-W	0.3	—	—	INSTALLING MW-8
DN	1045	0.2	0.056	E-W	—	—	—	dB - 85.2
UP	1100	0.2	0.027	E-W	0.3	—	—	INSTALLING MW-8
DN	1100	0.2	0.041	E-W	—	—	—	dB - 82.1
UP	1115	0.2	0.036	E-W	0.4	—	—	INSTALLING MW-8
DN	1115	0.3	0.041	E-W	—	—	—	dB - 85.9
UP	1130	0.2	0.032	E-W	0.5	—	—	INSTALLING MW-8
DN	1130	0.3	0.049	E-W	—	—	—	dB - 83.3
UP	1145	0.3	0.037	E-W	0.5	—	—	INSTALLING MW-8
DN	1145	0.3	0.045	E-W	—	—	—	dB - 90.2
UP	1200	0.3	0.031	E-W	0.5	—	—	INSTALLING MW-8
DN	1200	0.3	0.042	E-W	—	—	—	dB - 85.1
UP	1215	0.3	0.032	E-W	0.7	—	—	MW-8 Complete
DN	1215	0.2	0.044	E-W	—	—	—	dB - 89.1
UP	1230	0.2	0.057	E-W	0.7	—	—	SETTING UP ON SB-16
DN	1230	0.3	0.042	E-W	—	—	—	dB - 84.9
UP	1245	0.4	0.041	E-W	0.7	—	—	SETTING UP ON SB-16
DN	1245	0.2	0.057	E-W	—	—	—	dB - 85.0

SB-16
5/6/10

AECOM

Page 2 of 2

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Draeger Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300	0.3	0.059	E-W	0.7	—	—	SETTING UP ON SB-16
DN	1300	0.3	0.061	E-W	—	—	—	dB - 91.9
UP	1315	0.2	0.036	E-W	1.0	—	—	DRILLING SB-16
DN	1315	0.3	0.044	E-W	—	—	—	dB - 94.5
UP	1330	0.4	0.031	E-W	1.6	—	—	DRILLING SB-16
DN	1330	0.3	0.051	E-W	—	—	—	dB - 93.6
UP	1345	0.4	0.039	E-W	1.2	—	—	DRILLING SB-16
DN	1345	0.3	0.051	E-W	—	—	—	dB - 84.1
UP	1400	0.4	0.037*	E-W	1.1	—	—	DRILLING SB-16 & Changed BAT
DN	1400	0.3	0.050	E-W	—	—	—	dB - 84.4
UP	1415	0.5	0.042	E-W	1.6	—	—	DRILLING SB-16
DN	1415	0.3	0.046	E-W	—	—	—	dB - 89.2
UP	1430	0.5	0.044	E-W	1.0	—	—	DRILLING SB-16
DN	1430	0.3	0.054*	E-W	—	—	—	dB - 90.2 *-CHANGED BAT IN DUST TRACK
UP	1445	0.3	0.045	E-W	1.4	—	—	DRILLING SB-16
DN	1445	0.3	0.052	E-W	—	—	—	dB - 85.9
UP	1500	0.5	0.041	E-W	1-6	—	—	DRILLING SB-16
DN	1500	0.3	0.057	E-W	—	—	—	dB - 93.1
UP	1515	0.6	0.044	E-W	1.7	—	—	DRILLING SB-16
DN	1515	0.3	0.055	E-W	—	—	—	dB - 76.1
UP	1530	0.5	0.043	E-W	1.8	—	—	DRILLING SB-16
DN	1530	0.2	0.040	E-W	—	—	—	dB - 79.1
UP	1545	0.6	0.041	E-W	4.0	—	—	DRILLING SB-16
DN	1545	0.4	0.044	E-W	—	—	—	dB - 88.8
UP	1600	0.5	0.040	E-W	1.8	—	—	DRILLING SB-16 - LOW BAT ON
DN	1600	0.3	0.043*	E-W	—	—	—	dB - 87.9
UP	1615	0.6	—	E-W	1.9	—	—	DRILLING SB-16 - UP DUST TRACK SHUT DOWN TO PROVIDE BAT FOR DOWN DUST TRACK
DN	1615	0.3	0.053	E-W	—	—	—	dB - 90.7 Prep for Grout SB-16
UP	1630	0.6	—	E-W	2.1	—	—	dB - 87.1
DN	1630	0.3	0.049	E-W	—	—	—	Grout Complete -
UP	1645	0.6	—	E-W	2.1	—	—	dB - 88.1
DN	1645	0.3	0.067	E-W	—	—	—	
UP	1700							
DN	1700							
UP	1715							
DN	1715							
UP	1730							
DN	1730							
UP	1745							
DN	1745							
UP	1800							
DN	1800							
UP	1815							
DN	1818							
UP	1830							
DN	1830							
UP	1845							
DN	1845							

Comments:

Monitoring Completed By:

Client: National Grid
 Location: ~~Petroleum Inc - TP-1~~
 Date: ~~5/19/2012~~
 Field Personnel: ~~J. Poffen, P. Smith~~

Project: Metropoletan
 Project Number: 60137361
 Weather: Temp 66° & overcast, wind w-E
 Ambient Noise: 45 dB

Community Air Monitoring Plan / Noise Field Log

Time	Upwind PID	Upwind Dust Trak	Work Area PID	Downwind PID	Downwind Dust Trak	dB Readings ¹	Comments
0845	Setup camp, upwind and downwind						
0905	0.11	0.056	0.0	0.0	0.012	79.1	Audubon Excavation, not yet started
0926	0.1	0.026	0.0	0.0	0.006	79.7	Charged Downwind Dust-Mate 3475
0955	0.0	0.007	0.0	0.0	0.007	81.4	charged UP-PID BATS + work ps 8475
1005	0.0	0.007	0.0	0.0	0.017	79.8	LAST reading prior to saw cut + excavati.
1015	0.0	0.006	0.0	0.0	0.027	92.5	Saw cutting Asphalt
1030	0.0	0.006	0.0	0.0	0.012	83.1	Setting up containment + back hoe
1045	0.0	0.006	0.0	0.0	0.019	87.1	Excavating
1100	0.1	0.006	0.0	0.0	0.00	87.8	Excavating
1115	0.2	0.006	0.0	0.0	0.011	80.6	Excavating
1130	0.0	0.006	0.0	0.0	0.013	82.1	Cleaning out hole by hand
1145	0.1	0.004	0.0	0.0	0.016	83.5	Cutting asphalt to allow excavation.
1200 - 1215	-	-	work started				UP-PID swapped to person and due to dead out
1230 -	0.004	0.0	0.0	0.0	0.015	81.1	Resume Excavation
1300	—	0.002	0.0	0.0	0.008	82.2	Excavating
1315	—	0.001	0.0	0.0	0.012	85.5	Excavating
1330	0.0	0.011	0.0	0.0	0.002	79.3	#1 PID being used for all PID work
1345	0.0	0.000	0.0	0.0	0.011	87.0	Excavating
1400	0.1	0.000	0.0	0.0	0.022	85.7	Backhoe
1415	0.0	0.001	0.0	0.0	0.012	74.9	CAMP SET UP @ TEST PIT #2
1430	0.0	0.007	0.0	0.0	0.021	73.2	Cutting Asphalt
1445	0.0	0.01	0.0	0.0	0.011	87.8	Asphalt cutting complete

End of
work for
the day

9/14/10 TUESDAY

NO WORK ON MONDAY 9/13/10 FOR CAMP.

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700	NO WORK						SCOPE OF WORK!
DN	700							TWO LOCATIONS FOR
UP	715							UTILITY PRE-CLEARANCE
DN	715							TO 5' bgs.
UP	730							
DN	730							
UP	745							
DN	745							
UP	800							
DN	800							
UP	815							
DN	815							
UP	830							
DN	830							
UP	0925							
DN	0925							
UP	0925	SET UP CAMP	UPWIND & DOWNWIND	DATA LOGGING, EVERY 1 MINUTE				
DN	0925							START PRE-CLEAR SB-9. (1st loc)
UP	900	—	—	—	—	—	—	pre-clear SB-9
DN	900	—	—	—	—	—	—	pre-clear SB-9.
UP	915	0.0	0.080	W-E	0.1	—	—	pre-clear SB-9
DN	915	0.0	0.077	—	—	—	—	pre-clear SB-9.
UP	930	0.0	0.065	W-E	0.1	—	—	pre-clear SB-9
DN	930	0.0	0.075	calm	—	—	—	pre-clear SB-9
UP	945	0.0	0.086	W-E	0.3	—	—	pre-clear SB-9
DN	945	0.0	0.105	calm	—	—	—	pre-clear SB-9
UP	1000	0.0	0.089	W-E	0.2	—	—	pre-clear SB-9
DN	1000	0.0	0.093	calm	—	—	—	no readings documented SB-9 (1st loc)
UP	1015	—	—	—	—	—	—	Backfilled.
DN	1015	—	—	—	—	—	—	no readings documented SB-9 (1st loc)
UP	1030	0.0	0.089	W-E	0.2	—	—	pre-clear SB-9 (2nd loc)
DN	1030	0.0	0.094	calm	—	—	—	pre-clear SB-9
UP	1045	0.0	0.070	W-E	0.3	—	—	pre-clear SB-9
DN	1045	0.0	0.078	calm	—	—	—	pre-clear SB-9
UP	1100	0.0	0.074	W-E	0.3	—	—	pre-clear SB-9
DN	1100	0.0	0.083	calm	—	—	—	pre-clear SB-9
UP	1115	CAMP DOWN	location backfilled @ 1105.					
DN	1115							
UP	1130							
DN	1130							
UP	1145							
DN	1145							
UP	1200							
DN	1200							
UP	1215							
DN	1215							
UP	1230							
DN	1230							
UP	1245							
DN	1245							

Site: Metropolitan
Date: 9/15/2010

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Draeger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700							
DN	700							
UP	715							
DN	715							
UP	730							
DN	730							
UP	745							
DN	745							
UP	800							
DN	800							
UP	815							
DN	815							
UP	830							
DN	830							
UP	845							
DN	845							
UP	900							
DN	900							
UP	915							
DN	915							
UP	930							
DN	930							
UP	945							
DN	945							
UP	1000							
DN	1000							
UP	1015							
DN	1015							
UP	1030							
DN	1030							
UP	1045	SET UP CAMP - no work prior						
DN	1045							
UP	1100	-	-	-	-	-	-	SB-9 advancement
DN	1100	-	-	-	-	-	-	
UP	1120	0.0	0.021	0.0	W→E	-	-	SB-9 advancement via
DN	1120	0.0	0.022	-	~5 mph	-	-	sonic rig.
UP	1140	0.0	0.013	0.0	W→E	-	-	71.7 dB SB9 advancement,
DN	1140	0.0	0.019	-	~5 mph	-	-	
UP	1145	-	-	-	-	-	-	
DN	1145	-	-	-	-	-	-	
UP	1200	0.0	0.012	0.0	W→E	-	-	break for lunch
DN	1200	0.0	0.042	-	10 mph	-	-	
UP	1215							
DN	1215							
UP	1230							
DN	1230							
UP	1245							
DN	1245							

9/5/02 @ SB-9.

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300	0.0	0.013	W>E	0.0	-	-	drilling SB-9 25-30'
DN	1300	0.0	0.019	5 mph	-	-	-	dB = 89.2 11
UP	1315	0.0	0.011	W>E	0.0	-	-	drilling SB-9
DN	1315	0.0	0.028	5 mph	-	-	-	dB = 88.9
UP	1330	0.0	0.012	W>E	0.0	-	-	drilling SB-9
DN	1330	0.1	0.015	5 mph	-	-	-	dB = 90.1
UP	1345	0.0	0.015	W>E	0.2	-	-	drilling SB-9
DN	1345	0.0	0.017	5 mph	-	-	-	dB = 86.6
UP	1400	0.0	0.008	W>E	0.0	-	-	drilling SB-9
DN	1400	0.0	0.011	5 mph	-	-	-	dB = 79.5
UP	1415	0.0	0.018	W>E	0.0	-	-	drilling SB-9
DN	1415	0.1	0.012	5 mph	-	-	-	dB = 64.2
UP	1430	0.0	0.020	W>E	0.0	-	-	drilling SB-9
DN	1430	0.0	0.018	5 mph	-	-	-	dB = 81.0
UP	1445	0.0	0.018	W>E	0.0	-	-	drilling SB-9
DN	1445	0.0	0.012	5 mph	-	-	-	dB = 83.5
UP	1500	0.0	0.017	W>E	0.0	-	-	drilling SB-9
DN	1500	0.0	0.008	5 mph	-	-	-	dB = 84.5
UP	1515	0.0	0.014	W>E	0.0	-	-	drilling SB-9
DN	1515	0.0	0.066	5 mph	-	-	-	dB = 84.7
UP	1530	0.0	0.016	W>E	0.0	-	-	@ 72' on SB-9
DN	1530	0.0	0.010	5 mph	-	-	-	dB = 63.9
UP	1545							skipped no drilling going on
DN	1545							
UP	1600	0.0	0.016	W>E	0.0	-	-	cleaning up for the day
DN	1600	0.0	0.020	5 mph	-	-	-	
UP	1615							
DN	1615							
UP	1630							
DN	1630							
UP	1645							
DN	1645							
UP	1700							
DN	1700							
UP	1715							
DN	1715							
UP	1730							
DN	1730							
UP	1745							
DN	1745							
UP	1800							
DN	1800							
UP	1815							
DN	1818							
UP	1830							
DN	1830							
UP	1845							
DN	1845							

Comments:

Monitoring Completed By:

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700					—	—	→ Drillers waiting for part to be fixed on drill rig.
DN	700					—	—	
UP	715					—	—	
DN	715					—	—	
UP	730					—	—	
DN	730					—	—	
UP	745					—	—	
DN	745					—	—	
UP	800					—	—	
DN	800					—	—	
UP	815					—	—	
DN	815					—	—	
UP	830					—	—	
DN	830					—	—	
UP	845					—	—	
DN	845					—	—	
UP	900					—	—	
DN	900					—	—	
UP	915					—	—	
DN	915					—	—	
UP	930					—	—	
DN	930	↓				—	—	
UP	945	0.2	0.012	W→E	0.1	—	—	Drillers working on rig
DN	945	0.0	0.016	Calm	—	—	—	dB = 94.0 (noise from across the way)
UP	1000	0.4	0.017	W→E	0.0	—	—	drilling SB-9 70-80'
DN	1000	0.2	0.033	calm	—	—	—	dB = 94.0
UP	1015	0.4	0.013	W→E	0.1	—	—	drilling SB-9 dB = 94.0
DN	1015	0.2	0.010	Calm	—	—	—	drilling SB-9 dB = 94.0
UP	1030	0.5	0.012	W→E	0.0	—	—	Finished SB-9 to 80'
DN	1030	0.2	0.020	5 mph	—	—	—	dB = 94.0
UP	1045	0.5	0.012	W→E	0.0	—	—	Setting casing to 80' dB = 94.0
DN	1045	0.2	0.012	5 mph	—	—	—	Comparing upwind pid w/ workarea PID
UP	1100	0.5	0.014	W→E	0.0	—	—	Well construction MW-9D
DN	1100	0.3	0.012	5 mph	—	—	—	dB = 94.0 PEB area comparison WA = 0.0
UP	1115	0.4	0.010	W→E	0.0	—	—	Installing well MW-9D dB = 94.0
DN	1115	0.3	0.011	5 mph	—	—	—	comparison upwind PID = 0.4 WA/DO = 0.0
UP	1130	0.5	0.012	W→E	0.0	—	—	Installing well MW-9D dB = 94.0
DN	1130	0.3	0.013	5 mph	—	—	—	comparison upwind = 0.5 WA = 0.0
UP	1145	0.5	0.015	W→E	0.0	—	—	Installing MW-9D dB = 94
DN	1145	0.3	0.017	5 mph	—	—	—	comparison up = 0.5 WA = 0.0
UP	1200	0.5	0.014	W→E	0.1	—	—	About to start installing MW-9I dB = 94.0
DN	1200	0.3	0.013	5 mph	—	—	—	comparison up = 0.5 WA = 0.0
UP	1215	—				—	—	→ Lunch
DN	1215	—				—	—	
UP	1230	—				—	—	
DN	1230	↓				—	—	
UP	1245	0.0	0.010	W→E	0.1	—	—	Installing MW-9I dB = 94.0
DN	1245	0.3	0.020	5 mph	—	—	—	

*Calibrated upwind PID @ 1210 with zero cal gas and 100 btu/hено 100 ppm space cal.

work area = 0.0
upwind = 0.5
0.5 on upwind is false

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Chips		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	1300	0.0	0.011	W→E	0.0	—	—	Installing MW-9T dB=94.6
DN	1300	0.3	0.010	5 mph	—	—	—	
UP	1315	0.0	0.014	W→E	0.0	—	—	11
DN	1315	0.3	0.014	5 mph	—	—	—	11
UP	1330	—	—	—	—	—	—	No work.
DN	1330	—	—	—	—	—	—	
UP	1345	0.0	0.014	W→E	0.0	—	—	MW-9E, MW-9D installed dB=94.3
DN	1345	0.3	0.011	Calm	—	—	—	
UP	1400	0.0	0.026	W→E	0.1	—	—	grouting MW 9D & 9T
DN	1400	0.3	0.011	Calm	—	—	—	dB=94.0
UP	1415	0.0	0.012	W→E	0.2	—	—	mixing grout.
DN	1415	0.3	0.013	Calm	—	—	—	dB=94.8
UP	1430	0.0	0.012	W→E	0.3	—	—	pulling casing from SB-9
DN	1430	0.3	0.011	Calm	—	—	—	dB=90.8
UP	1445	0.0	0.015	W→E	0.8	—	—	Finishing MW 9D & 9T
DN	1445	0.4	0.013	Calm	—	—	—	dB=89.8
UP	1500	0.0	0.015	W→E	0.0	—	—	drilling hole for MW 9S
DN	1500	0.4	0.016	Calm	—	—	—	dB=95.7
UP	1515	0.0	0.019	W→E	0.0	—	—	installing MW 9S
DN	1515	0.4	0.015	Calm	—	—	—	dB=91.8
UP	1530	0.0	0.022	W→E	0.0	—	—	Looking for more sand for MW 9S
DN	1530	0.4	0.023	Calm	—	—	—	dB=81.8
UP	1545	0.0	0.024	W→E	1.0	—	—	Mixing grout
DN	1545	0.4	0.023	Calm	—	—	—	dB=93.1
UP	1600	0.0	0.025	W→E	1.4	—	—	grouting MW 9D & 9T dB=99.1
DN	1600	0.5	0.026	Calm	—	—	—	getting baseline
UP	1615	—	—	—	—	—	—	
DN	1615	—	—	—	—	—	—	
UP	1630	—	—	—	—	—	—	
DN	1630	—	—	—	—	—	—	
UP	1645	—	—	—	—	—	—	
DN	1645	—	—	—	—	—	—	
UP	1700	—	—	—	—	—	—	
DN	1700	—	—	—	—	—	—	
UP	1715	—	—	—	—	—	—	
DN	1715	—	—	—	—	—	—	
UP	1730	—	—	—	—	—	—	
DN	1730	—	—	—	—	—	—	
UP	1745	—	—	—	—	—	—	
DN	1745	—	—	—	—	—	—	
UP	1800	—	—	—	—	—	—	
DN	1800	—	—	—	—	—	—	
UP	1815	—	—	—	—	—	—	
DN	1818	—	—	—	—	—	—	
UP	1830	—	—	—	—	—	—	
DN	1830	—	—	—	—	—	—	
UP	1845	—	—	—	—	—	—	
DN	1845	—	—	—	—	—	—	

Comments:

*1450 checked work area PID with 0.0 cal gas. OK

*1555 recalibrated work area PID still reading high applying biosolids @ 1605. Work stopped at this time.

Testing Completed By:

Site: Metropolitan

Date: September 17, 2010.

SB-9.

Location	Time	PID (ppm)	Particulate (mg/m³)	Wind Direction/Speed	Work Area Breathing Zone	Dräger Tubes		Activity/Notes
						Benzene	Hydrogen Cyanide	
UP	700	no alarm						
DN	700							
UP	715							
DN	715							
UP	730	0.0	0.078	w>E	3.3	—	—	installing well MW9S
DN	730	0.0	0.094	calm	—	—	—	dB = 87 (drizzle)
UP	745	0.0	0.078	w>E	4.7	—	—	installing well - side benzene idemetric work area
DN	745	0.0	0.092	calm	—	—	—	side-by-side upwind = 0.0 w/w = 4.7
UP	800	0.0	0.080	w>E	0.0	—	—	installing well MW9S
DN	800	0.4	0.129	calm	—	—	—	dB = 85.0
UP	810	0.0	0.078	w>E	0.0	—	—	Putting Bentonite chips from 1-3
DN	810	0.2	0.077	calm	—	—	—	in MW9S. dB = 82.2
UP	820	0.0	0.067	w>E	0.0	—	—	dB = 81.5
DN	820	0.2	0.078	calm	—	—	—	
UP	830	0.0	0.060	w>E	0.0	—	—	dB = 81.6
DN	830	0.1	0.058	calm	—	—	—	hydrating Bentonite chips
UP	840	0.0	0.060	w>E	0.1	—	—	Setting up to install manhole covers
DN	840	0.2	0.065	calm	—	—	—	dB = 84.9
UP	850	0.2	0.081	w>E	0.1	—	—	Installing manhole for MW
DN	850	0.2	0.074	calm	—	—	—	9D 89I. dB = 84.6
UP	0923	0.0	0.036	w>E	0.1	—	—	Set road box for MW-91/D.
DN	0923	0.0	0.042	calm	—	—	—	81.5 dB.
UP	0930	0.0	0.041	w>E	0.6	—	—	
DN	0930	0.0	0.044	calm	—	—	—	80.7 dB.
UP	0945	0.0	0.048	w>E	0.0	—	—	
DN	0945	0.0	0.047	calm	—	—	—	83.9 dB
UP	1015	0953	TAKE CAMP DOWN					
DN	1015							
UP	1030							
DN	1030							
UP	1045							
DN	1045							
UP	1100							
DN	1100							
UP	1115							
DN	1115							
UP	1130							
DN	1130							
UP	1145							
DN	1145							
UP	1200							
DN	1200							
UP	1215							
DN	1215							
UP	1230							
DN	1230							
UP	1245							
DN	1245							

★ setup Camp @ 7:27

★ Put filters on @ 7:37

★ 7:53 Moved upwind PID to work area
turned off log, will move to upwind to
get readings every 15 mindB = 84.3
work area
no change
in color