



SOUTH COAST AQMD
CLERK OF THE BOARDS

July 18, 2017

CN: 15279

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Mr. Scott Caso
Senior Enforcement Manager
Office of Compliance and Enforcement
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765

**PROJECT: EXIDE TECHNOLOGIES FACILITY ID NO. 124838,
ORDER FOR ABATEMENT CASE NO. 3151-32**
RE: WEEKLY STATUS REPORT # 144 (6/08/17 – 6/14/17)

Dear Mr. Caso,

Tetra Tech Inc. is pleased to present the following Weekly Status Report for the above referenced project. This report covers the period of June 8, 2017 through June 14, 2017.

CURRENT ACTIVITIES WHERE PREVIOUSLY APPROVED MITIGATION MEASURES WERE FULLY IMPLEMENTED

Major items of work performed by Exide and/or its contractor(s) (including specific mitigation measures) during this reporting period where mitigation measures were observed to be implemented in full compliance with the previously approved mitigation measures under the Mitigation Plan for RCRA RFI Sampling, and Other Plant Activities or other Mitigation Plans, as approved by the SCAQMD, at the site during this period include:

TASK ID	Major Work Item	Mitigation Measure(s)
EX83/4	RCRA RFI Soil Sampling	Temporary Enclosure Under Negative Pressure
EX115	Sediment Removal from Equalization Tanks	Maintain Wetted Surfaces
EX128	Repair Well-Head for Well MW-6R	Temporary Enclosure Under Negative Pressure*

* Dust Trak monitoring performed for this work item.

RCRA RFI Soil Sampling

No work occurred related to the RCRA RFI Soil Sampling. RCRA RFI Soil Sampling activities on the Exide property will continue once a revised scope of work to address changed field conditions is developed and approved by the regulatory agencies.

Sediment Removal from Equalization Tanks

No work occurred related to the sediment removal from the Equalization Tanks. Removal of sediment from Equalization Tank #1 will occur during a future reporting period when it will not impact water treatment activities.

Repair Well-Head for Well MW-6R

On June 14, 2017, Exide Personnel with Castlerock and Blane-Tech Personnel, Exide contractors, replaced the well-head monument at monitoring well MW-6R. The area around the well was wetted. A temporary enclosure structure used in previous work at the site was relocated to the well area and setup over it. A negative air machine was set up on the enclosure to establish negative pressure. The concrete around the well-head was removed using an electric jack hammer, until the well-head monument could be removed. The removed concrete and well head were placed in a drum for disposal. The area was misted using a Hudson sprayer and kept wet by misting throughout the concrete breaking and removal of the concrete, and the placement of the removed concrete and damaged well head into the drum. The new well-head monument was then placed and secured with new concrete. The area and enclosure, and waste drum were vacuumed using a HEPA vacuum and then were wet wiped. The temporary enclosure was removed and the waste drum was transported to the southeast warehouse for holding until disposal. Oversight activities conducted by Tetra Tech personnel included:

- Checking of SCAQMD permits for the HEPA negative air machine and HEPA vacuum used in the task with Exide and Castle rock personnel. The negative air machine permit, issued to Castlerock, was G34319 with an activation/notification number of 475148 for activation period June 14, 2017 through June 19, 2017. The HEPA vacuum permit, issued to Castlerock was G33414 with an activation/notification number of 474674 for activation period June 14, 2017 through June 19, 2017. All equipment matched that on the permits and notification documentation and those listed on Mitigation Plan EX-128.
- Observation of the erecting of the temporary enclosure over well MW-06 and the establishment of negative pressure by Exide and Castlerock personnel.
- Observation of concrete breaking using an electric jackhammer and removal of broken concrete by Blane Tech.
- Observation of placement of removed concrete and damaged well head into drum for storage and disposal by Blane Tech and Castlerock.
- Observation of wet methods used during concrete breaking and removal and waste packaging by Blane-Tech and Castlerock.
- Observation of repair and replacement of the well-head monument by Blane Tech.
- Observed HEPA vacuuming and then wet wiping of area and temporary enclosure by Castlerock.
- Observed the taking down of the temporary enclosure and transportation to elsewhere on the site for storage and future re-use and the movement of the waste drum to the southeast warehouse by Castlerock.
- Upwind and downwind dust monitoring was conducted by Tetra Tech using TSI DustTrak instruments placed outside the temporary enclosure. Monitoring activities did not identify fugitive dust being generated during the performance of the work activities.

CURRENT ACTIVITIES WHERE A DEVIATION FROM PREVIOUSLY APPROVED MITIGATION MEASURES WERE OBSERVED AND THE CORRECTIVE ACTIONS TAKEN

Major items of work performed by Exide and/or its contractor(s) (including specific mitigation measures) currently under way or completed during this reporting period where for each of the activities described below, mitigation measures were implemented which to some extent deviated from the previously approved mitigation measures under the Mitigation Plan for RCRA RFI Sampling, and Other Plant Activities or other Mitigation Plans, as approved by the SCAQMD:

TASK ID	Major Work Item	Deviation(s)	CORRECTIVE ACTION
None			

AIR MONITORING

In general accordance with the Order for Abatement Case No. 3151-32 Findings and Decision, air monitoring, if required, was conducted during a portion of all repair work performed within the temporary enclosures on a daily basis. If the results of continuous Dust Trak air monitoring detected excessive dust, additional suppression activities are required to be implemented. For this reporting period, Dust Trak monitoring did not detect excessive dust being generated from work activities conducted.

Activity Which Resulted in Excessive Dust	Additional Suppression Activity
None	None

ACTUAL vs. FORECAST PROGRESS:

Exide Technologies submitted a schedule which outlines the tasks needed to be completed in response to this abatement order. The attached Gant Chart shows scheduled progress for all activities planned for the upcoming two week period. The following table shows the status of these activities.

TASK	STATUS
EX-128 Repair Well-Head for Well MW-6R	Completed on-schedule

WORK SCHEDULED DURING THE UPCOMING PERIOD:

The following activities are anticipated for the upcoming weeks:

Week	Anticipated Activities
June 15 - June 21	<ul style="list-style-type: none"> None at this time

Week	Anticipated Activities
June 22 - June 28	• None at this time

KEY MILESTONES:

The following key milestones were achieved during this reporting period:

- o None at this time.

WORKER SAFETY CONCERNS:

The following Health and Safety issues, as they apply to Tetra Tech employees, were observed during this reporting period:

- o None.

POTENTIAL CHANGES AND ACTION ITEMS REQUIRING RESOLUTION:

The following items require resolution:

- o None at this time.

SUMMARY:

The summary provided herein covers the activities for the period of June 8, 2017 through June 14, 2017. Tetra Tech was on-site Thursday, June 8, 2017 to attend the weekly planning meeting. Tetra Tech personnel were also on-site Monday, June 12, 2017 to attend the weekly planning meeting and prepare for dust monitoring of EX-128 work, and again on Wednesday, June 14, 2017 to observe and monitor the EX-128 work activities. Please find attached a copy of Exide's upcoming two weeks schedule and site map identifying the location of the activities on the upcoming two weeks schedule.

Should you have questions regarding this report, or require additional information, please contact me at your earliest convenience.

Sincerely,



Greg Acosta, PE
Vice President, Environmental Services

ATTACHMENTS:

- Gant Chart Schedule
- Site Map
- DustTrak Monitoring Data

Gant Chart Schedule

Site Map



Mitigation Project Map Layout

Week 06/08/17 – 06/29/17

Rev: 06/15/2017

4. RCRA RFI Soil Sampling

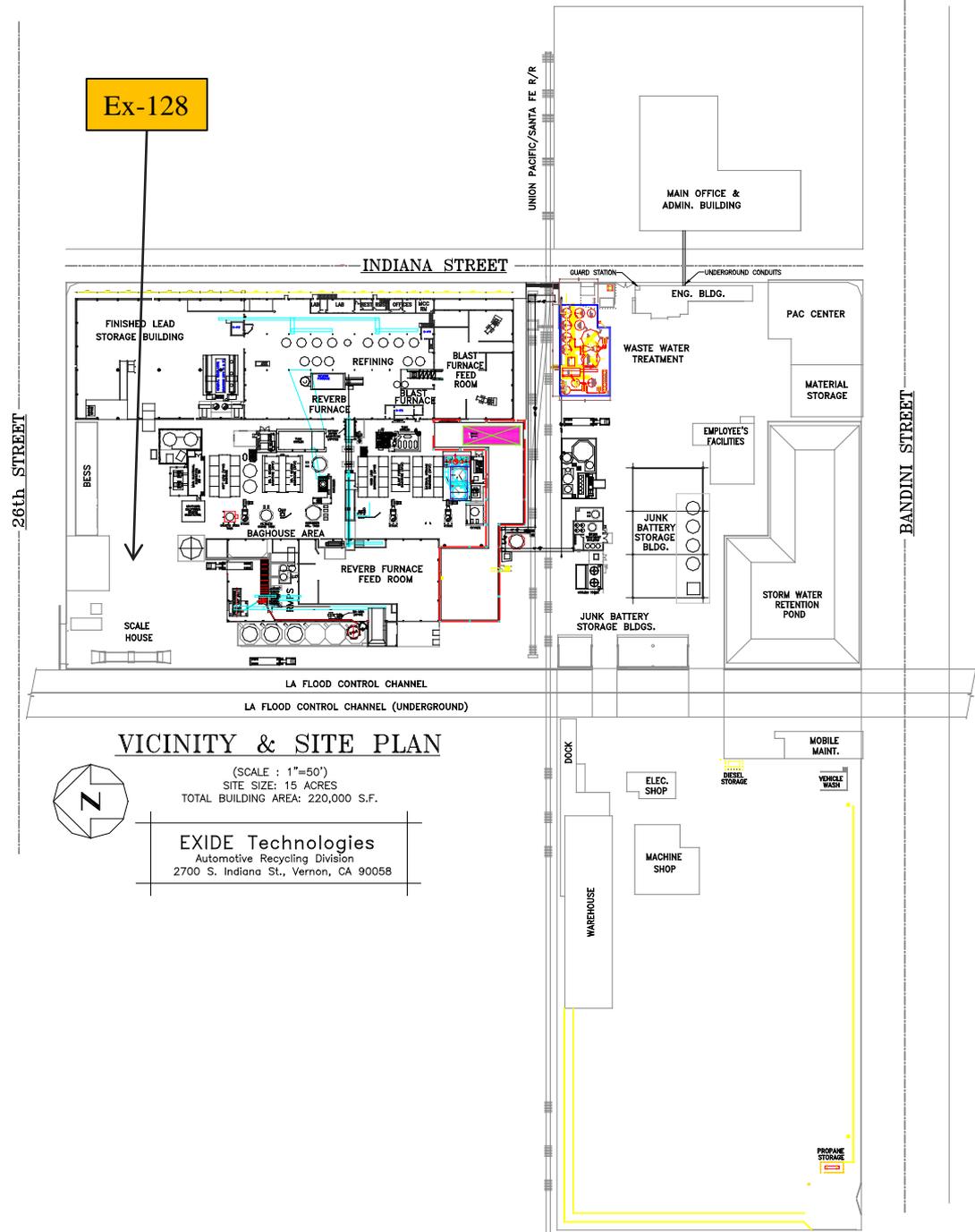
Ex 83. RFI Soil Sampling Supplemental

Ex 72. Cleaning of Assorted Materials in Total Encl.

Ex 76. Various Work Methods in Total Enclosure

Ex 115. Sediment Removal from EQ Tanks

EX 128 Repair Well-Head for Well MW-6R



Numbering system correlates with Mitigation plan document. Ex refers to additional work part of Sec. 6b in the Mitigation plan document.

Monitoring Results / Reports
(Wednesday, June 14, 2017)

ACTIVITY	SERIAL NUMBER	LOCATION	TIME SPAN
EX 128 – Repair Well-Head at Well MW-6R	8530124902	MW-6R Temporary Enclosure (North Yard)- Upwind	7:24-14:20
EX 128 – Repair Well-Head at Well MW-6R	8530152906	MW-6R Temporary Enclosure (North Yard)- Downwind	7:24-14:21



Date: June 14, 2017

Activity: EX-128 Repair Well-Head for Well MW-6R

Locations: Temporary Enclosure over Well MW-6R (North Yard)

Exide Technologies
2700 Indiana Street
Vernon, CA 90058

DustTrak Monitoring Locations

Test 001

EX-128 Well-Head Repair at Well MW-6R (Upwind)

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/14/2017
Instrument S/N	8530124902	Start Time	07:24:38
		Stop Date	06/14/2017
		Stop Time	14:20:38
		Total Time	0:06:56:00
		Logging Interval	60 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	06/14/2017	07:25:38	0.033
2	06/14/2017	07:26:38	0.035
3	06/14/2017	07:27:38	0.034
4	06/14/2017	07:28:38	0.035
5	06/14/2017	07:29:38	0.036
6	06/14/2017	07:30:38	0.036
7	06/14/2017	07:31:38	0.039
8	06/14/2017	07:32:38	0.033
9	06/14/2017	07:33:38	0.031
10	06/14/2017	07:34:38	0.033
11	06/14/2017	07:35:38	0.032
12	06/14/2017	07:36:38	0.030
13	06/14/2017	07:37:38	0.030
14	06/14/2017	07:38:38	0.030
15	06/14/2017	07:39:38	0.030
16	06/14/2017	07:40:38	0.029
17	06/14/2017	07:41:38	0.028
18	06/14/2017	07:42:38	0.029
19	06/14/2017	07:43:38	0.029
20	06/14/2017	07:44:38	0.028
21	06/14/2017	07:45:38	0.029
22	06/14/2017	07:46:38	0.029
23	06/14/2017	07:47:38	0.029
24	06/14/2017	07:48:38	0.029
25	06/14/2017	07:49:38	0.029
26	06/14/2017	07:50:38	0.028
27	06/14/2017	07:51:38	0.028
28	06/14/2017	07:52:38	0.028
29	06/14/2017	07:53:38	0.027
30	06/14/2017	07:54:38	0.026
31	06/14/2017	07:55:38	0.026
32	06/14/2017	07:56:38	0.026
33	06/14/2017	07:57:38	0.026
34	06/14/2017	07:58:38	0.025
35	06/14/2017	07:59:38	0.024
36	06/14/2017	08:00:38	0.024
37	06/14/2017	08:01:38	0.024
38	06/14/2017	08:02:38	0.026
39	06/14/2017	08:03:38	0.027
40	06/14/2017	08:04:38	0.028
41	06/14/2017	08:05:38	0.027
42	06/14/2017	08:06:38	0.026
43	06/14/2017	08:07:38	0.026

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
44	06/14/2017	08:08:38	0.026
45	06/14/2017	08:09:38	0.026
46	06/14/2017	08:10:38	0.025
47	06/14/2017	08:11:38	0.025
48	06/14/2017	08:12:38	0.025
49	06/14/2017	08:13:38	0.026
50	06/14/2017	08:14:38	0.026
51	06/14/2017	08:15:38	0.029
52	06/14/2017	08:16:38	0.026
53	06/14/2017	08:17:38	0.026
54	06/14/2017	08:18:38	0.025
55	06/14/2017	08:19:38	0.026
56	06/14/2017	08:20:38	0.025
57	06/14/2017	08:21:38	0.027
58	06/14/2017	08:22:38	0.027
59	06/14/2017	08:23:38	0.026
60	06/14/2017	08:24:38	0.026
61	06/14/2017	08:25:38	0.026
62	06/14/2017	08:26:38	0.027
63	06/14/2017	08:27:38	0.026
64	06/14/2017	08:28:38	0.026
65	06/14/2017	08:29:38	0.030
66	06/14/2017	08:30:38	0.028
67	06/14/2017	08:31:38	0.026
68	06/14/2017	08:32:38	0.026
69	06/14/2017	08:33:38	0.027
70	06/14/2017	08:34:38	0.028
71	06/14/2017	08:35:38	0.027
72	06/14/2017	08:36:38	0.026
73	06/14/2017	08:37:38	0.026
74	06/14/2017	08:38:38	0.026
75	06/14/2017	08:39:38	0.026
76	06/14/2017	08:40:38	0.025
77	06/14/2017	08:41:38	0.025
78	06/14/2017	08:42:38	0.024
79	06/14/2017	08:43:38	0.025
80	06/14/2017	08:44:38	0.025
81	06/14/2017	08:45:38	0.025
82	06/14/2017	08:46:38	0.025
83	06/14/2017	08:47:38	0.025
84	06/14/2017	08:48:38	0.040
85	06/14/2017	08:49:38	0.025
86	06/14/2017	08:50:38	0.025
87	06/14/2017	08:51:38	0.027
88	06/14/2017	08:52:38	0.027
89	06/14/2017	08:53:38	0.026
90	06/14/2017	08:54:38	0.027
91	06/14/2017	08:55:38	0.027
92	06/14/2017	08:56:38	0.028
93	06/14/2017	08:57:38	0.027
94	06/14/2017	08:58:38	0.027
95	06/14/2017	08:59:38	0.028
96	06/14/2017	09:00:38	0.025
97	06/14/2017	09:01:38	0.026
98	06/14/2017	09:02:38	0.026

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
99	06/14/2017	09:03:38	0.025
100	06/14/2017	09:04:38	0.025
101	06/14/2017	09:05:38	0.024
102	06/14/2017	09:06:38	0.024
103	06/14/2017	09:07:38	0.024
104	06/14/2017	09:08:38	0.025
105	06/14/2017	09:09:38	0.025
106	06/14/2017	09:10:38	0.026
107	06/14/2017	09:11:38	0.026
108	06/14/2017	09:12:38	0.028
109	06/14/2017	09:13:38	0.026
110	06/14/2017	09:14:38	0.026
111	06/14/2017	09:15:38	0.025
112	06/14/2017	09:16:38	0.025
113	06/14/2017	09:17:38	0.024
114	06/14/2017	09:18:38	0.024
115	06/14/2017	09:19:38	0.023
116	06/14/2017	09:20:38	0.023
117	06/14/2017	09:21:38	0.022
118	06/14/2017	09:22:38	0.022
119	06/14/2017	09:23:38	0.022
120	06/14/2017	09:24:38	0.021
121	06/14/2017	09:25:38	0.021
122	06/14/2017	09:26:38	0.022
123	06/14/2017	09:27:38	0.022
124	06/14/2017	09:28:38	0.021
125	06/14/2017	09:29:38	0.021
126	06/14/2017	09:30:38	0.021
127	06/14/2017	09:31:38	0.025
128	06/14/2017	09:32:38	0.021
129	06/14/2017	09:33:38	0.023
130	06/14/2017	09:34:38	0.022
131	06/14/2017	09:35:38	0.022
132	06/14/2017	09:36:38	0.022
133	06/14/2017	09:37:38	0.022
134	06/14/2017	09:38:38	0.022
135	06/14/2017	09:39:38	0.023
136	06/14/2017	09:40:38	0.022
137	06/14/2017	09:41:38	0.022
138	06/14/2017	09:42:38	0.022
139	06/14/2017	09:43:38	0.022
140	06/14/2017	09:44:38	0.023
141	06/14/2017	09:45:38	0.027
142	06/14/2017	09:46:38	0.024
143	06/14/2017	09:47:38	0.022
144	06/14/2017	09:48:38	0.022
145	06/14/2017	09:49:38	0.022
146	06/14/2017	09:50:38	0.022
147	06/14/2017	09:51:38	0.024
148	06/14/2017	09:52:38	0.024
149	06/14/2017	09:53:38	0.023
150	06/14/2017	09:54:38	0.024
151	06/14/2017	09:55:38	0.024
152	06/14/2017	09:56:38	0.024
153	06/14/2017	09:57:38	0.023

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
154	06/14/2017	09:58:38	0.022
155	06/14/2017	09:59:38	0.022
156	06/14/2017	10:00:38	0.024
157	06/14/2017	10:01:38	0.023
158	06/14/2017	10:02:38	0.021
159	06/14/2017	10:03:38	0.020
160	06/14/2017	10:04:38	0.019
161	06/14/2017	10:05:38	0.019
162	06/14/2017	10:06:38	0.019
163	06/14/2017	10:07:38	0.020
164	06/14/2017	10:08:38	0.020
165	06/14/2017	10:09:38	0.021
166	06/14/2017	10:10:38	0.021
167	06/14/2017	10:11:38	0.020
168	06/14/2017	10:12:38	0.020
169	06/14/2017	10:13:38	0.021
170	06/14/2017	10:14:38	0.020
171	06/14/2017	10:15:38	0.021
172	06/14/2017	10:16:38	0.020
173	06/14/2017	10:17:38	0.020
174	06/14/2017	10:18:38	0.021
175	06/14/2017	10:19:38	0.022
176	06/14/2017	10:20:38	0.021
177	06/14/2017	10:21:38	0.021
178	06/14/2017	10:22:38	0.021
179	06/14/2017	10:23:38	0.020
180	06/14/2017	10:24:38	0.021
181	06/14/2017	10:25:38	0.021
182	06/14/2017	10:26:38	0.021
183	06/14/2017	10:27:38	0.021
184	06/14/2017	10:28:38	0.021
185	06/14/2017	10:29:38	0.021
186	06/14/2017	10:30:38	0.020
187	06/14/2017	10:31:38	0.021
188	06/14/2017	10:32:38	0.021
189	06/14/2017	10:33:38	0.021
190	06/14/2017	10:34:38	0.021
191	06/14/2017	10:35:38	0.022
192	06/14/2017	10:36:38	0.021
193	06/14/2017	10:37:38	0.022
194	06/14/2017	10:38:38	0.022
195	06/14/2017	10:39:38	0.022
196	06/14/2017	10:40:38	0.022
197	06/14/2017	10:41:38	0.022
198	06/14/2017	10:42:38	0.022
199	06/14/2017	10:43:38	0.022
200	06/14/2017	10:44:38	0.024
201	06/14/2017	10:45:38	0.022
202	06/14/2017	10:46:38	0.022
203	06/14/2017	10:47:38	0.022
204	06/14/2017	10:48:38	0.022
205	06/14/2017	10:49:38	0.022
206	06/14/2017	10:50:38	0.023
207	06/14/2017	10:51:38	0.022
208	06/14/2017	10:52:38	0.021

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
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210	06/14/2017	10:54:38	0.021
211	06/14/2017	10:55:38	0.020
212	06/14/2017	10:56:38	0.019
213	06/14/2017	10:57:38	0.019
214	06/14/2017	10:58:38	0.020
215	06/14/2017	10:59:38	0.020
216	06/14/2017	11:00:38	0.020
217	06/14/2017	11:01:38	0.019
218	06/14/2017	11:02:38	0.019
219	06/14/2017	11:03:38	0.020
220	06/14/2017	11:04:38	0.018
221	06/14/2017	11:05:38	0.018
222	06/14/2017	11:06:38	0.018
223	06/14/2017	11:07:38	0.018
224	06/14/2017	11:08:38	0.019
225	06/14/2017	11:09:38	0.020
226	06/14/2017	11:10:38	0.020
227	06/14/2017	11:11:38	0.022
228	06/14/2017	11:12:38	0.020
229	06/14/2017	11:13:38	0.020
230	06/14/2017	11:14:38	0.020
231	06/14/2017	11:15:38	0.020
232	06/14/2017	11:16:38	0.020
233	06/14/2017	11:17:38	0.021
234	06/14/2017	11:18:38	0.021
235	06/14/2017	11:19:38	0.019
236	06/14/2017	11:20:38	0.019
237	06/14/2017	11:21:38	0.020
238	06/14/2017	11:22:38	0.020
239	06/14/2017	11:23:38	0.022
240	06/14/2017	11:24:38	0.022
241	06/14/2017	11:25:38	0.024
242	06/14/2017	11:26:38	0.020
243	06/14/2017	11:27:38	0.071
244	06/14/2017	11:28:38	0.020
245	06/14/2017	11:29:38	0.021
246	06/14/2017	11:30:38	0.021
247	06/14/2017	11:31:38	0.022
248	06/14/2017	11:32:38	0.022
249	06/14/2017	11:33:38	0.022
250	06/14/2017	11:34:38	0.021
251	06/14/2017	11:35:38	0.021
252	06/14/2017	11:36:38	0.021
253	06/14/2017	11:37:38	0.021
254	06/14/2017	11:38:38	0.022
255	06/14/2017	11:39:38	0.023
256	06/14/2017	11:40:38	0.024
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258	06/14/2017	11:42:38	0.023
259	06/14/2017	11:43:38	0.023
260	06/14/2017	11:44:38	0.025
261	06/14/2017	11:45:38	0.023
262	06/14/2017	11:46:38	0.023
263	06/14/2017	11:47:38	0.022

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
264	06/14/2017	11:48:38	0.023
265	06/14/2017	11:49:38	0.023
266	06/14/2017	11:50:38	0.022
267	06/14/2017	11:51:38	0.021
268	06/14/2017	11:52:38	0.020
269	06/14/2017	11:53:38	0.020
270	06/14/2017	11:54:38	0.020
271	06/14/2017	11:55:38	0.020
272	06/14/2017	11:56:38	0.021
273	06/14/2017	11:57:38	0.021
274	06/14/2017	11:58:38	0.021
275	06/14/2017	11:59:38	0.021
276	06/14/2017	12:00:38	0.020
277	06/14/2017	12:01:38	0.021
278	06/14/2017	12:02:38	0.021
279	06/14/2017	12:03:38	0.022
280	06/14/2017	12:04:38	0.022
281	06/14/2017	12:05:38	0.023
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283	06/14/2017	12:07:38	0.023
284	06/14/2017	12:08:38	0.023
285	06/14/2017	12:09:38	0.024
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292	06/14/2017	12:16:38	0.024
293	06/14/2017	12:17:38	0.026
294	06/14/2017	12:18:38	0.026
295	06/14/2017	12:19:38	0.026
296	06/14/2017	12:20:38	0.025
297	06/14/2017	12:21:38	0.025
298	06/14/2017	12:22:38	0.027
299	06/14/2017	12:23:38	0.025
300	06/14/2017	12:24:38	0.026
301	06/14/2017	12:25:38	0.027
302	06/14/2017	12:26:38	0.029
303	06/14/2017	12:27:38	0.025
304	06/14/2017	12:28:38	0.025
305	06/14/2017	12:29:38	0.026
306	06/14/2017	12:30:38	0.028
307	06/14/2017	12:31:38	0.026
308	06/14/2017	12:32:38	0.026
309	06/14/2017	12:33:38	0.027
310	06/14/2017	12:34:38	0.026
311	06/14/2017	12:35:38	0.026
312	06/14/2017	12:36:38	0.026
313	06/14/2017	12:37:38	0.026
314	06/14/2017	12:38:38	0.026
315	06/14/2017	12:39:38	0.026
316	06/14/2017	12:40:38	0.025
317	06/14/2017	12:41:38	0.026
318	06/14/2017	12:42:38	0.026

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
319	06/14/2017	12:43:38	0.029
320	06/14/2017	12:44:38	0.025
321	06/14/2017	12:45:38	0.025
322	06/14/2017	12:46:38	0.026
323	06/14/2017	12:47:38	0.025
324	06/14/2017	12:48:38	0.025
325	06/14/2017	12:49:38	0.026
326	06/14/2017	12:50:38	0.024
327	06/14/2017	12:51:38	0.024
328	06/14/2017	12:52:38	0.024
329	06/14/2017	12:53:38	0.025
330	06/14/2017	12:54:38	0.025
331	06/14/2017	12:55:38	0.025
332	06/14/2017	12:56:38	0.025
333	06/14/2017	12:57:38	0.026
334	06/14/2017	12:58:38	0.024
335	06/14/2017	12:59:38	0.023
336	06/14/2017	13:00:38	0.024
337	06/14/2017	13:01:38	0.025
338	06/14/2017	13:02:38	0.024
339	06/14/2017	13:03:38	0.023
340	06/14/2017	13:04:38	0.024
341	06/14/2017	13:05:38	0.025
342	06/14/2017	13:06:38	0.024
343	06/14/2017	13:07:38	0.025
344	06/14/2017	13:08:38	0.026
345	06/14/2017	13:09:38	0.024
346	06/14/2017	13:10:38	0.023
347	06/14/2017	13:11:38	0.024
348	06/14/2017	13:12:38	0.023
349	06/14/2017	13:13:38	0.022
350	06/14/2017	13:14:38	0.022
351	06/14/2017	13:15:38	0.022
352	06/14/2017	13:16:38	0.022
353	06/14/2017	13:17:38	0.021
354	06/14/2017	13:18:38	0.022
355	06/14/2017	13:19:38	0.022
356	06/14/2017	13:20:38	0.021
357	06/14/2017	13:21:38	0.021
358	06/14/2017	13:22:38	0.023
359	06/14/2017	13:23:38	0.022
360	06/14/2017	13:24:38	0.021
361	06/14/2017	13:25:38	0.020
362	06/14/2017	13:26:38	0.020
363	06/14/2017	13:27:38	0.020
364	06/14/2017	13:28:38	0.018
365	06/14/2017	13:29:38	0.019
366	06/14/2017	13:30:38	0.019
367	06/14/2017	13:31:38	0.019
368	06/14/2017	13:32:38	0.019
369	06/14/2017	13:33:38	0.018
370	06/14/2017	13:34:38	0.020
371	06/14/2017	13:35:38	0.019
372	06/14/2017	13:36:38	0.019
373	06/14/2017	13:37:38	0.020

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
374	06/14/2017	13:38:38	0.021
375	06/14/2017	13:39:38	0.020
376	06/14/2017	13:40:38	0.019
377	06/14/2017	13:41:38	0.018
378	06/14/2017	13:42:38	0.018
379	06/14/2017	13:43:38	0.018
380	06/14/2017	13:44:38	0.019
381	06/14/2017	13:45:38	0.020
382	06/14/2017	13:46:38	0.022
383	06/14/2017	13:47:38	0.019
384	06/14/2017	13:48:38	0.018
385	06/14/2017	13:49:38	0.019
386	06/14/2017	13:50:38	0.023
387	06/14/2017	13:51:38	0.019
388	06/14/2017	13:52:38	0.021
389	06/14/2017	13:53:38	0.020
390	06/14/2017	13:54:38	0.019
391	06/14/2017	13:55:38	0.021
392	06/14/2017	13:56:38	0.021
393	06/14/2017	13:57:38	0.019
394	06/14/2017	13:58:38	0.018
395	06/14/2017	13:59:38	0.017
396	06/14/2017	14:00:38	0.019
397	06/14/2017	14:01:38	0.019
398	06/14/2017	14:02:38	0.020
399	06/14/2017	14:03:38	0.023
400	06/14/2017	14:04:38	0.020
401	06/14/2017	14:05:38	0.015
402	06/14/2017	14:06:38	0.016
403	06/14/2017	14:07:38	0.018
404	06/14/2017	14:08:38	0.018
405	06/14/2017	14:09:38	0.017
406	06/14/2017	14:10:38	0.018
407	06/14/2017	14:11:38	0.017
408	06/14/2017	14:12:38	0.017
409	06/14/2017	14:13:38	0.020
410	06/14/2017	14:14:38	0.018
411	06/14/2017	14:15:38	0.018
412	06/14/2017	14:16:38	0.017
413	06/14/2017	14:17:38	0.018
414	06/14/2017	14:18:38	0.020
415	06/14/2017	14:19:38	0.019
416	06/14/2017	14:20:38	0.018

Test 001

EX-128 Repair Well-Head for Well MW-6R (Downwind)

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/14/2017
Instrument S/N	8530152906	Start Time	07:28:50
		Stop Date	06/14/2017
		Stop Time	14:21:50
		Total Time	0:06:53:00
		Logging Interval	60 seconds

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
1	06/14/2017	07:29:50	0.049
2	06/14/2017	07:30:50	0.035
3	06/14/2017	07:31:50	0.038
4	06/14/2017	07:32:50	0.031
5	06/14/2017	07:33:50	0.030
6	06/14/2017	07:34:50	0.031
7	06/14/2017	07:35:50	0.031
8	06/14/2017	07:36:50	0.028
9	06/14/2017	07:37:50	0.027
10	06/14/2017	07:38:50	0.028
11	06/14/2017	07:39:50	0.028
12	06/14/2017	07:40:50	0.026
13	06/14/2017	07:41:50	0.025
14	06/14/2017	07:42:50	0.026
15	06/14/2017	07:43:50	0.026
16	06/14/2017	07:44:50	0.026
17	06/14/2017	07:45:50	0.027
18	06/14/2017	07:46:50	0.027
19	06/14/2017	07:47:50	0.026
20	06/14/2017	07:48:50	0.026
21	06/14/2017	07:49:50	0.026
22	06/14/2017	07:50:50	0.026
23	06/14/2017	07:51:50	0.025
24	06/14/2017	07:52:50	0.025
25	06/14/2017	07:53:50	0.023
26	06/14/2017	07:54:50	0.023
27	06/14/2017	07:55:50	0.023
28	06/14/2017	07:56:50	0.022
29	06/14/2017	07:57:50	0.022
30	06/14/2017	07:58:50	0.022
31	06/14/2017	07:59:50	0.021
32	06/14/2017	08:00:50	0.022
33	06/14/2017	08:01:50	0.021
34	06/14/2017	08:02:50	0.023
35	06/14/2017	08:03:50	0.023
36	06/14/2017	08:04:50	0.024
37	06/14/2017	08:05:50	0.024
38	06/14/2017	08:06:50	0.023
39	06/14/2017	08:07:50	0.023
40	06/14/2017	08:08:50	0.022
41	06/14/2017	08:09:50	0.023
42	06/14/2017	08:10:50	0.022
43	06/14/2017	08:11:50	0.021

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
44	06/14/2017	08:12:50	0.022
45	06/14/2017	08:13:50	0.021
46	06/14/2017	08:14:50	0.022
47	06/14/2017	08:15:50	0.022
48	06/14/2017	08:16:50	0.022
49	06/14/2017	08:17:50	0.025
50	06/14/2017	08:18:50	0.022
51	06/14/2017	08:19:50	0.022
52	06/14/2017	08:20:50	0.022
53	06/14/2017	08:21:50	0.070
54	06/14/2017	08:22:50	0.025
55	06/14/2017	08:23:50	0.024
56	06/14/2017	08:24:50	0.025
57	06/14/2017	08:25:50	0.023
58	06/14/2017	08:26:50	0.023
59	06/14/2017	08:27:50	0.024
60	06/14/2017	08:28:50	0.025
61	06/14/2017	08:29:50	0.024
62	06/14/2017	08:30:50	0.025
63	06/14/2017	08:31:50	0.023
64	06/14/2017	08:32:50	0.024
65	06/14/2017	08:33:50	0.024
66	06/14/2017	08:34:50	0.025
67	06/14/2017	08:35:50	0.024
68	06/14/2017	08:36:50	0.023
69	06/14/2017	08:37:50	0.023
70	06/14/2017	08:38:50	0.022
71	06/14/2017	08:39:50	0.023
72	06/14/2017	08:40:50	0.022
73	06/14/2017	08:41:50	0.022
74	06/14/2017	08:42:50	0.023
75	06/14/2017	08:43:50	0.023
76	06/14/2017	08:44:50	0.023
77	06/14/2017	08:45:50	0.022
78	06/14/2017	08:46:50	0.021
79	06/14/2017	08:47:50	0.022
80	06/14/2017	08:48:50	0.022
81	06/14/2017	08:49:50	0.023
82	06/14/2017	08:50:50	0.023
83	06/14/2017	08:51:50	0.024
84	06/14/2017	08:52:50	0.024
85	06/14/2017	08:53:50	0.024
86	06/14/2017	08:54:50	0.024
87	06/14/2017	08:55:50	0.024
88	06/14/2017	08:56:50	0.024
89	06/14/2017	08:57:50	0.024
90	06/14/2017	08:58:50	0.025
91	06/14/2017	08:59:50	0.023
92	06/14/2017	09:00:50	0.022
93	06/14/2017	09:01:50	0.023
94	06/14/2017	09:02:50	0.023
95	06/14/2017	09:03:50	0.022
96	06/14/2017	09:04:50	0.022
97	06/14/2017	09:05:50	0.022
98	06/14/2017	09:06:50	0.021

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
99	06/14/2017	09:07:50	0.021
100	06/14/2017	09:08:50	0.022
101	06/14/2017	09:09:50	0.023
102	06/14/2017	09:10:50	0.023
103	06/14/2017	09:11:50	0.023
104	06/14/2017	09:12:50	0.023
105	06/14/2017	09:13:50	0.022
106	06/14/2017	09:14:50	0.023
107	06/14/2017	09:15:50	0.023
108	06/14/2017	09:16:50	0.020
109	06/14/2017	09:17:50	0.021
110	06/14/2017	09:18:50	0.020
111	06/14/2017	09:19:50	0.020
112	06/14/2017	09:20:50	0.020
113	06/14/2017	09:21:50	0.020
114	06/14/2017	09:22:50	0.019
115	06/14/2017	09:23:50	0.018
116	06/14/2017	09:24:50	0.018
117	06/14/2017	09:25:50	0.019
118	06/14/2017	09:26:50	0.019
119	06/14/2017	09:27:50	0.019
120	06/14/2017	09:28:50	0.018
121	06/14/2017	09:29:50	0.018
122	06/14/2017	09:30:50	0.017
123	06/14/2017	09:31:50	0.017
124	06/14/2017	09:32:50	0.018
125	06/14/2017	09:33:50	0.018
126	06/14/2017	09:34:50	0.019
127	06/14/2017	09:35:50	0.018
128	06/14/2017	09:36:50	0.019
129	06/14/2017	09:37:50	0.020
130	06/14/2017	09:38:50	0.019
131	06/14/2017	09:39:50	0.020
132	06/14/2017	09:40:50	0.019
133	06/14/2017	09:41:50	0.019
134	06/14/2017	09:42:50	0.019
135	06/14/2017	09:43:50	0.019
136	06/14/2017	09:44:50	0.020
137	06/14/2017	09:45:50	0.022
138	06/14/2017	09:46:50	0.021
139	06/14/2017	09:47:50	0.018
140	06/14/2017	09:48:50	0.018
141	06/14/2017	09:49:50	0.019
142	06/14/2017	09:50:50	0.020
143	06/14/2017	09:51:50	0.020
144	06/14/2017	09:52:50	0.020
145	06/14/2017	09:53:50	0.019
146	06/14/2017	09:54:50	0.019
147	06/14/2017	09:55:50	0.020
148	06/14/2017	09:56:50	0.019
149	06/14/2017	09:57:50	0.018
150	06/14/2017	09:58:50	0.019
151	06/14/2017	09:59:50	0.019
152	06/14/2017	10:00:50	0.019
153	06/14/2017	10:01:50	0.019

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
154	06/14/2017	10:02:50	0.017
155	06/14/2017	10:03:50	0.014
156	06/14/2017	10:04:50	0.015
157	06/14/2017	10:05:50	0.015
158	06/14/2017	10:06:50	0.016
159	06/14/2017	10:07:50	0.016
160	06/14/2017	10:08:50	0.016
161	06/14/2017	10:09:50	0.016
162	06/14/2017	10:10:50	0.017
163	06/14/2017	10:11:50	0.016
164	06/14/2017	10:12:50	0.015
165	06/14/2017	10:13:50	0.016
166	06/14/2017	10:14:50	0.016
167	06/14/2017	10:15:50	0.016
168	06/14/2017	10:16:50	0.015
169	06/14/2017	10:17:50	0.016
170	06/14/2017	10:18:50	0.017
171	06/14/2017	10:19:50	0.017
172	06/14/2017	10:20:50	0.016
173	06/14/2017	10:21:50	0.016
174	06/14/2017	10:22:50	0.016
175	06/14/2017	10:23:50	0.016
176	06/14/2017	10:24:50	0.017
177	06/14/2017	10:25:50	0.016
178	06/14/2017	10:26:50	0.016
179	06/14/2017	10:27:50	0.016
180	06/14/2017	10:28:50	0.017
181	06/14/2017	10:29:50	0.016
182	06/14/2017	10:30:50	0.016
183	06/14/2017	10:31:50	0.016
184	06/14/2017	10:32:50	0.016
185	06/14/2017	10:33:50	0.016
186	06/14/2017	10:34:50	0.017
187	06/14/2017	10:35:50	0.016
188	06/14/2017	10:36:50	0.016
189	06/14/2017	10:37:50	0.018
190	06/14/2017	10:38:50	0.018
191	06/14/2017	10:39:50	0.018
192	06/14/2017	10:40:50	0.018
193	06/14/2017	10:41:50	0.018
194	06/14/2017	10:42:50	0.018
195	06/14/2017	10:43:50	0.018
196	06/14/2017	10:44:50	0.017
197	06/14/2017	10:45:50	0.018
198	06/14/2017	10:46:50	0.018
199	06/14/2017	10:47:50	0.017
200	06/14/2017	10:48:50	0.017
201	06/14/2017	10:49:50	0.018
202	06/14/2017	10:50:50	0.018
203	06/14/2017	10:51:50	0.017
204	06/14/2017	10:52:50	0.018
205	06/14/2017	10:53:50	0.019
206	06/14/2017	10:54:50	0.017
207	06/14/2017	10:55:50	0.015
208	06/14/2017	10:56:50	0.015

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
209	06/14/2017	10:57:50	0.016
210	06/14/2017	10:58:50	0.015
211	06/14/2017	10:59:50	0.015
212	06/14/2017	11:00:50	0.014
213	06/14/2017	11:01:50	0.014
214	06/14/2017	11:02:50	0.015
215	06/14/2017	11:03:50	0.015
216	06/14/2017	11:04:50	0.013
217	06/14/2017	11:05:50	0.013
218	06/14/2017	11:06:50	0.013
219	06/14/2017	11:07:50	0.016
220	06/14/2017	11:08:50	0.016
221	06/14/2017	11:09:50	0.017
222	06/14/2017	11:10:50	0.016
223	06/14/2017	11:11:50	0.016
224	06/14/2017	11:12:50	0.017
225	06/14/2017	11:13:50	0.017
226	06/14/2017	11:14:50	0.016
227	06/14/2017	11:15:50	0.017
228	06/14/2017	11:16:50	0.018
229	06/14/2017	11:17:50	0.022
230	06/14/2017	11:18:50	0.018
231	06/14/2017	11:19:50	0.016
232	06/14/2017	11:20:50	0.016
233	06/14/2017	11:21:50	0.016
234	06/14/2017	11:22:50	0.016
235	06/14/2017	11:23:50	0.016
236	06/14/2017	11:24:50	0.019
237	06/14/2017	11:25:50	0.016
238	06/14/2017	11:26:50	0.017
239	06/14/2017	11:27:50	0.015
240	06/14/2017	11:28:50	0.021
241	06/14/2017	11:29:50	0.021
242	06/14/2017	11:30:50	0.018
243	06/14/2017	11:31:50	0.017
244	06/14/2017	11:32:50	0.017
245	06/14/2017	11:33:50	0.018
246	06/14/2017	11:34:50	0.017
247	06/14/2017	11:35:50	0.016
248	06/14/2017	11:36:50	0.017
249	06/14/2017	11:37:50	0.016
250	06/14/2017	11:38:50	0.018
251	06/14/2017	11:39:50	0.018
252	06/14/2017	11:40:50	0.018
253	06/14/2017	11:41:50	0.019
254	06/14/2017	11:42:50	0.019
255	06/14/2017	11:43:50	0.020
256	06/14/2017	11:44:50	0.021
257	06/14/2017	11:45:50	0.020
258	06/14/2017	11:46:50	0.019
259	06/14/2017	11:47:50	0.018
260	06/14/2017	11:48:50	0.019
261	06/14/2017	11:49:50	0.018
262	06/14/2017	11:50:50	0.017
263	06/14/2017	11:51:50	0.016

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
264	06/14/2017	11:52:50	0.015
265	06/14/2017	11:53:50	0.016
266	06/14/2017	11:54:50	0.016
267	06/14/2017	11:55:50	0.016
268	06/14/2017	11:56:50	0.016
269	06/14/2017	11:57:50	0.016
270	06/14/2017	11:58:50	0.017
271	06/14/2017	11:59:50	0.016
272	06/14/2017	12:00:50	0.016
273	06/14/2017	12:01:50	0.022
274	06/14/2017	12:02:50	0.017
275	06/14/2017	12:03:50	0.086
276	06/14/2017	12:04:50	0.020
277	06/14/2017	12:05:50	0.018
278	06/14/2017	12:06:50	0.018
279	06/14/2017	12:07:50	0.018
280	06/14/2017	12:08:50	0.019
281	06/14/2017	12:09:50	0.021
282	06/14/2017	12:10:50	0.019
283	06/14/2017	12:11:50	0.018
284	06/14/2017	12:12:50	0.019
285	06/14/2017	12:13:50	0.019
286	06/14/2017	12:14:50	0.018
287	06/14/2017	12:15:50	0.020
288	06/14/2017	12:16:50	0.023
289	06/14/2017	12:17:50	0.022
290	06/14/2017	12:18:50	0.022
291	06/14/2017	12:19:50	0.024
292	06/14/2017	12:20:50	0.022
293	06/14/2017	12:21:50	0.024
294	06/14/2017	12:22:50	0.029
295	06/14/2017	12:23:50	0.023
296	06/14/2017	12:24:50	0.023
297	06/14/2017	12:25:50	0.023
298	06/14/2017	12:26:50	0.021
299	06/14/2017	12:27:50	0.021
300	06/14/2017	12:28:50	0.021
301	06/14/2017	12:29:50	0.022
302	06/14/2017	12:30:50	0.022
303	06/14/2017	12:31:50	0.022
304	06/14/2017	12:32:50	0.021
305	06/14/2017	12:33:50	0.021
306	06/14/2017	12:34:50	0.023
307	06/14/2017	12:35:50	0.025
308	06/14/2017	12:36:50	0.022
309	06/14/2017	12:37:50	0.021
310	06/14/2017	12:38:50	0.022
311	06/14/2017	12:39:50	0.021
312	06/14/2017	12:40:50	0.021
313	06/14/2017	12:41:50	0.022
314	06/14/2017	12:42:50	0.023
315	06/14/2017	12:43:50	0.022
316	06/14/2017	12:44:50	0.021
317	06/14/2017	12:45:50	0.021
318	06/14/2017	12:46:50	0.022

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
319	06/14/2017	12:47:50	0.022
320	06/14/2017	12:48:50	0.021
321	06/14/2017	12:49:50	0.022
322	06/14/2017	12:50:50	0.020
323	06/14/2017	12:51:50	0.020
324	06/14/2017	12:52:50	0.021
325	06/14/2017	12:53:50	0.020
326	06/14/2017	12:54:50	0.020
327	06/14/2017	12:55:50	0.020
328	06/14/2017	12:56:50	0.022
329	06/14/2017	12:57:50	0.022
330	06/14/2017	12:58:50	0.020
331	06/14/2017	12:59:50	0.019
332	06/14/2017	13:00:50	0.019
333	06/14/2017	13:01:50	0.020
334	06/14/2017	13:02:50	0.019
335	06/14/2017	13:03:50	0.020
336	06/14/2017	13:04:50	0.021
337	06/14/2017	13:05:50	0.021
338	06/14/2017	13:06:50	0.021
339	06/14/2017	13:07:50	0.022
340	06/14/2017	13:08:50	0.023
341	06/14/2017	13:09:50	0.021
342	06/14/2017	13:10:50	0.018
343	06/14/2017	13:11:50	0.020
344	06/14/2017	13:12:50	0.019
345	06/14/2017	13:13:50	0.019
346	06/14/2017	13:14:50	0.018
347	06/14/2017	13:15:50	0.019
348	06/14/2017	13:16:50	0.018
349	06/14/2017	13:17:50	0.017
350	06/14/2017	13:18:50	0.017
351	06/14/2017	13:19:50	0.017
352	06/14/2017	13:20:50	0.016
353	06/14/2017	13:21:50	0.017
354	06/14/2017	13:22:50	0.018
355	06/14/2017	13:23:50	0.017
356	06/14/2017	13:24:50	0.016
357	06/14/2017	13:25:50	0.016
358	06/14/2017	13:26:50	0.016
359	06/14/2017	13:27:50	0.015
360	06/14/2017	13:28:50	0.013
361	06/14/2017	13:29:50	0.013
362	06/14/2017	13:30:50	0.015
363	06/14/2017	13:31:50	0.014
364	06/14/2017	13:32:50	0.013
365	06/14/2017	13:33:50	0.014
366	06/14/2017	13:34:50	0.014
367	06/14/2017	13:35:50	0.014
368	06/14/2017	13:36:50	0.015
369	06/14/2017	13:37:50	0.015
370	06/14/2017	13:38:50	0.016
371	06/14/2017	13:39:50	0.015
372	06/14/2017	13:40:50	0.014
373	06/14/2017	13:41:50	0.013

Test Data			
Data Point	Date	Time	AEROSOL mg/m ³
374	06/14/2017	13:42:50	0.013
375	06/14/2017	13:43:50	0.013
376	06/14/2017	13:44:50	0.014
377	06/14/2017	13:45:50	0.014
378	06/14/2017	13:46:50	0.015
379	06/14/2017	13:47:50	0.014
380	06/14/2017	13:48:50	0.013
381	06/14/2017	13:49:50	0.014
382	06/14/2017	13:50:50	0.018
383	06/14/2017	13:51:50	0.016
384	06/14/2017	13:52:50	0.017
385	06/14/2017	13:53:50	0.016
386	06/14/2017	13:54:50	0.015
387	06/14/2017	13:55:50	0.018
388	06/14/2017	13:56:50	0.017
389	06/14/2017	13:57:50	0.015
390	06/14/2017	13:58:50	0.015
391	06/14/2017	13:59:50	0.012
392	06/14/2017	14:00:50	0.014
393	06/14/2017	14:01:50	0.015
394	06/14/2017	14:02:50	0.016
395	06/14/2017	14:03:50	0.017
396	06/14/2017	14:04:50	0.016
397	06/14/2017	14:05:50	0.011
398	06/14/2017	14:06:50	0.011
399	06/14/2017	14:07:50	0.013
400	06/14/2017	14:08:50	0.012
401	06/14/2017	14:09:50	0.012
402	06/14/2017	14:10:50	0.012
403	06/14/2017	14:11:50	0.011
404	06/14/2017	14:12:50	0.012
405	06/14/2017	14:13:50	0.013
406	06/14/2017	14:14:50	0.012
407	06/14/2017	14:15:50	0.013
408	06/14/2017	14:16:50	0.011
409	06/14/2017	14:17:50	0.013
410	06/14/2017	14:18:50	0.015
411	06/14/2017	14:19:50	0.016
412	06/14/2017	14:20:50	0.014
413	06/14/2017	14:21:50	0.012