



SOUTH COAST AQMD
CLERK OF THE BOARDS

April 15, 2016

CN: 15279

16 APR 15 P1 03

Ms. Cher Snyder
Assistant Deputy Executive Officer
Office of Engineering and Compliance
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765

**PROJECT: EXIDE TECHNOLOGIES FACILITY ID NO. 124838,
ORDER OF ABATEMENT CASE NO. 3151-32**
RE: WEEKLY STATUS REPORT # 82 (3/31/16 – 4/6/16)

Dear Ms. Snyder,

Tetra Tech Inc. is pleased to present the following Weekly Status Report for the above referenced project. This report covers the period of March 31, 2016 through April 6, 2016.

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
EX114	Replace WWTP Clarifier Chevrons	Maintain Wetted Surfaces
EX112	Installation of Well Box on Former Production Well	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.

Replace WWTP Clarifier Chevrons

No work occurred related to the replacement of WWTP Clarifier Chevrons during this reporting period. Replacement of the remaining chevrons is scheduled to resume during the next reporting period.

Installation of Well Box on Former Production Well

On Thursday, March 31, 2016, Exide and their subcontractors Avocet and Castlerock completed work on the installation of a well box on a former production well discovered at the site. Castlerock removed the temporary enclosure maintained under negative pressure and vented to a SCAQMD approved HEPA filtration system once work was complete.

Verification activities included:

- Visual observation of the well box installation activities to verify compliance with the SCAQMD approved mitigation plan.
- Upwind and Downwind Dust Trak monitoring of the areas when activities were conducted, to monitor for fugitive dust emissions. Review of Dust Trak data did not indicate that work associated with installation of the well box was generating fugitive dust emissions.
- Periodic visual inspection of the temporary enclosure to confirm that no visible leaks or tears were present, that the structural integrity of the enclosure was maintained and that it was under negative pressure and vented to a SCAQMD permitted HEPA filtration system. Any noted areas where seams needed to be re-taped were repaired by Castlerock prior to resuming work within the enclosures. Seams that needed re-taping were identified during the periodic inspection by Tetra Tech personnel or when a drop in negative pressure was noted. Any observed conditions requiring repair were addressed immediately.

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			

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 repair activities.

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
None	None

WORK SCHEDULED DURING THE UPCOMING PERIOD:

The following activities are anticipated for the upcoming weeks:

Week	Anticipated Activities
April. 7 – Apr. 13	<ul style="list-style-type: none"> • No Mitigation Work Scheduled

Week	Anticipated Activities
Apr. 14 - Apr. 20	<ul style="list-style-type: none"> • Replace WWTP Clarifier Chevrons Resumes • Relocate Fire Alarm Antenna

KEY MILESTONES:

The following key milestones were achieved during this reporting period:

- o Installation of Well Box at Former Production Well: **COMPLETED**

WORKER SAFETY CONCERNS:

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

- None.

POTENTIAL CHANGES AND ACTION ITEMS REQUIRING RESOLUTION:

The following items require resolution:


- None at this time.

SUMMARY:

The summary provided herein covers the activities for the period of March 31, 2016 through April 6, 2016. Tetra Tech personnel were not onsite on Friday, April 1, 2016, as no mitigation plan work was scheduled. 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,


Nick Somogyi
Project Engineer

ATTACHMENTS:


Gant Chart Schedule
Site Map
Field Monitoring Data

Gant Chart Schedule

Project Schedule

Week of 03/30/16 – 04/21/16

Rev: 04/06/2016

 Recycling Division, Vernon, CA							4/2/2016							04/09/16							04/16/16							04/23/16						
							Mitigation Plan Risks	Task Name	Plant Location	Duration	Start Date	Finish Date	%	30	31	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
Ex 72	Cleaning of Assorted Materials in Total Enclosure	Total Enclosure	619 days	11/20/14	07/31/16	80%																												
Ex 76	Various Work Methods in Total Enclosure	Total Enclosure	618 days	11/21/14	07/31/16	80%																												
4	RCRA RFI Soil Sampling	General	529 days	2/18/15	07/31/16	97%																												
Ex 83	RFI Soil Sampling Supplemental	General	529 days	02/18/15	07/31/16	97%																												
Ex 115	Sediment Removal from EQ Tanks	WWTP	5 days	3/7/16	07/31/16	50%																												
Ex 114	Replace WWTP Clarifier Chevrons	WWTP	4 days	3/16/16	04/22/16	20%																												
Ex 112	Installation of Well Box on Forner Production Well	South Yard	4 days	3/28/16	03/31/16	100%																												
Ex 118	Relocate Fire Alarm Antenna	South Yard	1 day	4/6/13	04/06/13	0%																												

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

Site Map



Mitigation Project Map Layout

Week 03/30/16 – 04/21/16

Rev: 04/06/2016

4. RCRA RFI Soil Sampling

Ex 83. RFI Soil Sampling Supplemental

Ex 72. Cleaning of Assorted Materials in Total Encl.

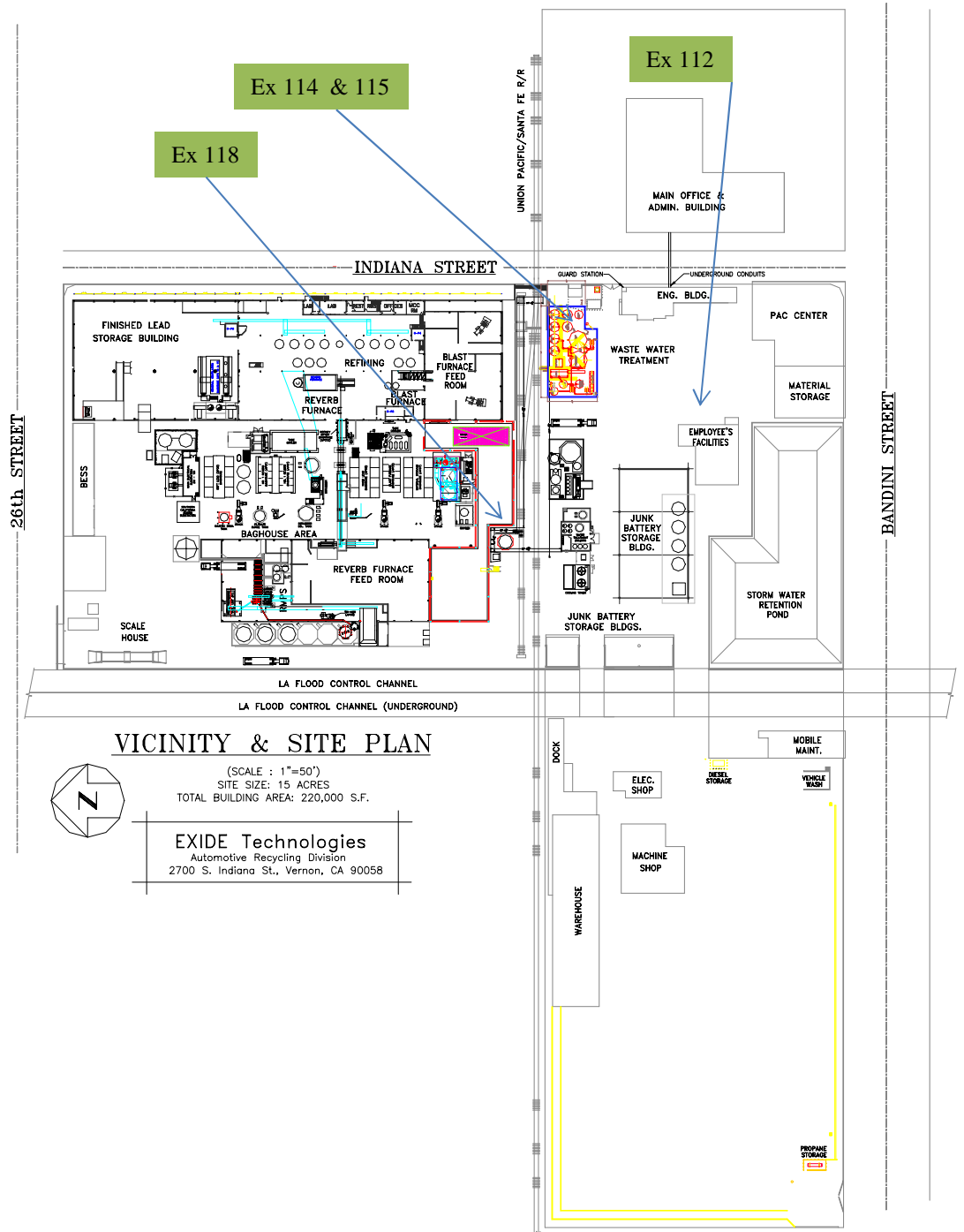
Ex 76. Various Work Methods in Total Enclosure

Ex 114 Replace WWTP Clarifier Chevrons

Ex 112 Installation of Well Box

Ex 115 Sediment Removal from EQ Tanks

Ex 118 Relocate Fire Alarm Antenna



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

Mitigation Schedule and Map_04/06/2016.pptx

Monitoring Results / Reports
(Thursday, March 31, 2016)

ACTIVITY	SERIAL NUMBER	LOCATION
Installation of Well Box on Former Production Well	8533143806	Upwind
Installation of Well Box on Former Production Well	8533141005	Downwind



Exide Technologies
2700 Indiana Street
Vernon, CA 90058

3/31/2016 EX 112

Test 006

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	03/31/2016
Instrument S/N	8533141005	Start Time	06:56:35
		Stop Date	03/31/2016
		Stop Time	13:15:45
		Total Time	0:06:19:00
		Logging Interval	910 seconds

Test Data							
Data Point	Date	Time	PM1 mg/m ³	PM2.5 mg/m ³	RESP mg/m ³	PM10 mg/m ³	TOTAL mg/m ³
1	03/31/2016	07:11:45	0.020	0.021	0.021	0.022	0.022
2	03/31/2016	07:26:55	0.021	0.022	0.023	0.023	0.024
3	03/31/2016	07:42:05	0.022	0.022	0.023	0.024	0.024
4	03/31/2016	07:57:15	0.022	0.023	0.023	0.024	0.025
5	03/31/2016	08:12:25	0.021	0.022	0.022	0.023	0.023
6	03/31/2016	08:27:35	0.019	0.020	0.020	0.021	0.021
7	03/31/2016	08:42:45	0.019	0.020	0.021	0.021	0.021
8	03/31/2016	08:57:55	0.020	0.020	0.021	0.022	0.022
9	03/31/2016	09:13:05	0.019	0.020	0.020	0.021	0.021
10	03/31/2016	09:28:15	0.017	0.018	0.018	0.018	0.018
11	03/31/2016	09:43:25	0.018	0.019	0.019	0.020	0.020
12	03/31/2016	09:58:35	0.019	0.020	0.020	0.021	0.021
13	03/31/2016	10:13:45	0.019	0.020	0.021	0.021	0.022
14	03/31/2016	10:28:55	0.018	0.019	0.019	0.020	0.020
15	03/31/2016	10:44:05	0.017	0.018	0.018	0.019	0.019
16	03/31/2016	10:59:15	0.017	0.018	0.019	0.020	0.020
17	03/31/2016	11:14:25	0.017	0.018	0.018	0.019	0.020
18	03/31/2016	11:29:35	0.018	0.019	0.019	0.020	0.020
19	03/31/2016	11:44:45	0.018	0.019	0.020	0.021	0.021
20	03/31/2016	11:59:55	0.017	0.018	0.019	0.020	0.020
21	03/31/2016	12:15:05	0.016	0.017	0.018	0.019	0.019
22	03/31/2016	12:30:15	0.016	0.017	0.018	0.019	0.019
23	03/31/2016	12:45:25	0.014	0.015	0.015	0.017	0.017
24	03/31/2016	13:00:35	0.011	0.012	0.012	0.014	0.015
25	03/31/2016	13:15:45	0.008	0.009	0.009	0.010	0.010

Test 003

Instrument		Data Properties	
Model	DustTrak DRX	Start Date	03/31/2016
Instrument S/N	8533143806	Start Time	06:50:11
		Stop Date	03/31/2016
		Stop Time	13:20:11
		Total Time	0:06:30:00
		Logging Interval	60 seconds

Test Data							
Data Point	Date	Time	PM1 mg/m ³	PM2.5 mg/m ³	RESP mg/m ³	PM10 mg/m ³	TOTAL mg/m ³
1	03/31/2016	06:51:11	0.018	0.019	0.019	0.020	0.023
2	03/31/2016	06:52:11	0.020	0.021	0.021	0.021	0.021
3	03/31/2016	06:53:11	0.019	0.020	0.020	0.021	0.022
4	03/31/2016	06:54:11	0.020	0.021	0.021	0.022	0.022
5	03/31/2016	06:55:11	0.020	0.020	0.021	0.021	0.023
6	03/31/2016	06:56:11	0.019	0.020	0.020	0.021	0.021
7	03/31/2016	06:57:11	0.019	0.020	0.021	0.021	0.021
8	03/31/2016	06:58:11	0.019	0.020	0.020	0.021	0.021
9	03/31/2016	06:59:11	0.019	0.020	0.020	0.021	0.021
10	03/31/2016	07:00:11	0.018	0.019	0.020	0.020	0.020
11	03/31/2016	07:01:11	0.018	0.019	0.019	0.020	0.020
12	03/31/2016	07:02:11	0.018	0.019	0.020	0.021	0.021
13	03/31/2016	07:03:11	0.018	0.019	0.019	0.021	0.021
14	03/31/2016	07:04:11	0.018	0.019	0.020	0.021	0.022
15	03/31/2016	07:05:11	0.018	0.019	0.019	0.020	0.020
16	03/31/2016	07:06:11	0.018	0.019	0.019	0.020	0.020
17	03/31/2016	07:07:11	0.018	0.019	0.019	0.020	0.020
18	03/31/2016	07:08:11	0.018	0.019	0.019	0.020	0.021
19	03/31/2016	07:09:11	0.018	0.019	0.019	0.020	0.020
20	03/31/2016	07:10:11	0.018	0.019	0.019	0.020	0.020
21	03/31/2016	07:11:11	0.018	0.019	0.020	0.020	0.020
22	03/31/2016	07:12:11	0.018	0.019	0.019	0.020	0.020
23	03/31/2016	07:13:11	0.019	0.020	0.020	0.021	0.022
24	03/31/2016	07:14:11	0.022	0.022	0.023	0.024	0.024
25	03/31/2016	07:15:11	0.019	0.020	0.020	0.021	0.021
26	03/31/2016	07:16:11	0.019	0.020	0.020	0.021	0.021
27	03/31/2016	07:17:11	0.019	0.020	0.021	0.021	0.022
28	03/31/2016	07:18:11	0.019	0.020	0.021	0.022	0.022
29	03/31/2016	07:19:11	0.019	0.020	0.020	0.021	0.021
30	03/31/2016	07:20:11	0.020	0.020	0.021	0.021	0.021
31	03/31/2016	07:21:11	0.020	0.021	0.022	0.023	0.023
32	03/31/2016	07:22:11	0.020	0.021	0.021	0.022	0.022
33	03/31/2016	07:23:11	0.020	0.021	0.021	0.022	0.022
34	03/31/2016	07:24:11	0.020	0.021	0.022	0.023	0.023
35	03/31/2016	07:25:11	0.020	0.021	0.021	0.022	0.022

Test Data							
Data Point	Date	Time	PM1 mg/m ³	PM2.5 mg/m ³	RESP mg/m ³	PM10 mg/m ³	TOTAL mg/m ³
36	03/31/2016	07:26:11	0.020	0.021	0.021	0.022	0.022
37	03/31/2016	07:27:11	0.020	0.021	0.021	0.022	0.022
38	03/31/2016	07:28:11	0.020	0.021	0.021	0.022	0.022
39	03/31/2016	07:29:11	0.019	0.020	0.021	0.021	0.021
40	03/31/2016	07:30:11	0.019	0.020	0.020	0.021	0.021
41	03/31/2016	07:31:11	0.019	0.020	0.020	0.021	0.021
42	03/31/2016	07:32:11	0.019	0.019	0.020	0.020	0.021
43	03/31/2016	07:33:11	0.019	0.020	0.020	0.021	0.021
44	03/31/2016	07:34:11	0.019	0.020	0.020	0.021	0.021
45	03/31/2016	07:35:11	0.020	0.021	0.022	0.023	0.023
46	03/31/2016	07:36:11	0.019	0.020	0.020	0.021	0.021
47	03/31/2016	07:37:11	0.020	0.021	0.021	0.021	0.021
48	03/31/2016	07:38:11	0.020	0.021	0.021	0.022	0.022
49	03/31/2016	07:39:11	0.020	0.021	0.021	0.022	0.022
50	03/31/2016	07:40:11	0.020	0.021	0.022	0.022	0.022
51	03/31/2016	07:41:11	0.021	0.022	0.022	0.023	0.023
52	03/31/2016	07:42:11	0.021	0.022	0.022	0.023	0.023
53	03/31/2016	07:43:11	0.020	0.021	0.022	0.022	0.022
54	03/31/2016	07:44:11	0.020	0.020	0.021	0.021	0.021
55	03/31/2016	07:45:11	0.020	0.021	0.022	0.022	0.023
56	03/31/2016	07:46:11	0.021	0.022	0.023	0.024	0.024
57	03/31/2016	07:47:11	0.022	0.023	0.023	0.025	0.025
58	03/31/2016	07:48:11	0.022	0.023	0.024	0.026	0.027
59	03/31/2016	07:49:11	0.020	0.021	0.021	0.023	0.023
60	03/31/2016	07:50:11	0.021	0.022	0.022	0.023	0.023
61	03/31/2016	07:51:11	0.021	0.022	0.023	0.024	0.024
62	03/31/2016	07:52:11	0.022	0.023	0.024	0.025	0.025
63	03/31/2016	07:53:11	0.021	0.022	0.022	0.023	0.023
64	03/31/2016	07:54:11	0.021	0.022	0.022	0.022	0.022
65	03/31/2016	07:55:11	0.021	0.022	0.022	0.023	0.023
66	03/31/2016	07:56:11	0.021	0.022	0.022	0.023	0.023
67	03/31/2016	07:57:11	0.021	0.022	0.022	0.024	0.024
68	03/31/2016	07:58:11	0.021	0.021	0.022	0.023	0.023
69	03/31/2016	07:59:11	0.021	0.022	0.022	0.023	0.024
70	03/31/2016	08:00:11	0.021	0.022	0.022	0.023	0.025
71	03/31/2016	08:01:11	0.020	0.021	0.022	0.022	0.022
72	03/31/2016	08:02:11	0.021	0.022	0.022	0.023	0.024
73	03/31/2016	08:03:11	0.021	0.022	0.022	0.024	0.024
74	03/31/2016	08:04:11	0.029	0.030	0.030	0.031	0.031
75	03/31/2016	08:05:11	0.020	0.021	0.021	0.022	0.022
76	03/31/2016	08:06:11	0.021	0.022	0.022	0.023	0.023
77	03/31/2016	08:07:11	0.020	0.021	0.022	0.022	0.022
78	03/31/2016	08:08:11	0.020	0.021	0.021	0.022	0.022
79	03/31/2016	08:09:11	0.020	0.021	0.022	0.023	0.023
80	03/31/2016	08:10:11	0.020	0.021	0.021	0.021	0.021
81	03/31/2016	08:11:11	0.020	0.021	0.021	0.022	0.022

Test Data							
Data Point	Date	Time	PM1 mg/m ³	PM2.5 mg/m ³	RESP mg/m ³	PM10 mg/m ³	TOTAL mg/m ³
82	03/31/2016	08:12:11	0.020	0.021	0.021	0.022	0.022
83	03/31/2016	08:13:11	0.020	0.021	0.022	0.022	0.022
84	03/31/2016	08:14:11	0.020	0.021	0.021	0.022	0.023
85	03/31/2016	08:15:11	0.019	0.020	0.020	0.021	0.021
86	03/31/2016	08:16:11	0.019	0.019	0.020	0.020	0.021
87	03/31/2016	08:17:11	0.020	0.021	0.021	0.022	0.022
88	03/31/2016	08:18:11	0.019	0.020	0.021	0.021	0.021
89	03/31/2016	08:19:11	0.020	0.020	0.021	0.021	0.021
90	03/31/2016	08:20:11	0.020	0.021	0.021	0.022	0.022
91	03/31/2016	08:21:11	0.021	0.022	0.022	0.023	0.023
92	03/31/2016	08:22:11	0.020	0.021	0.021	0.022	0.022
93	03/31/2016	08:23:11	0.019	0.020	0.021	0.021	0.021
94	03/31/2016	08:24:11	0.020	0.020	0.021	0.021	0.021
95	03/31/2016	08:25:11	0.020	0.021	0.021	0.022	0.022
96	03/31/2016	08:26:11	0.021	0.022	0.022	0.023	0.023
97	03/31/2016	08:27:11	0.021	0.022	0.022	0.023	0.023
98	03/31/2016	08:28:11	0.021	0.022	0.022	0.023	0.023
99	03/31/2016	08:29:11	0.022	0.023	0.023	0.024	0.024
100	03/31/2016	08:30:11	0.021	0.022	0.023	0.023	0.023
101	03/31/2016	08:31:11	0.020	0.021	0.021	0.022	0.022
102	03/31/2016	08:32:11	0.021	0.022	0.022	0.023	0.023
103	03/31/2016	08:33:11	0.022	0.023	0.023	0.024	0.024
104	03/31/2016	08:34:11	0.020	0.021	0.021	0.022	0.022
105	03/31/2016	08:35:11	0.021	0.022	0.022	0.023	0.023
106	03/31/2016	08:36:11	0.021	0.022	0.022	0.023	0.023
107	03/31/2016	08:37:11	0.019	0.020	0.021	0.021	0.021
108	03/31/2016	08:38:11	0.020	0.021	0.021	0.022	0.023
109	03/31/2016	08:39:11	0.020	0.021	0.021	0.022	0.023
110	03/31/2016	08:40:11	0.020	0.021	0.021	0.022	0.023
111	03/31/2016	08:41:11	0.020	0.021	0.022	0.023	0.023
112	03/31/2016	08:42:11	0.023	0.024	0.024	0.027	0.028
113	03/31/2016	08:43:11	0.021	0.022	0.023	0.024	0.024
114	03/31/2016	08:44:11	0.021	0.022	0.022	0.023	0.023
115	03/31/2016	08:45:11	0.021	0.022	0.022	0.023	0.024
116	03/31/2016	08:46:11	0.021	0.022	0.022	0.023	0.023
117	03/31/2016	08:47:11	0.021	0.022	0.022	0.022	0.022
118	03/31/2016	08:48:11	0.022	0.022	0.023	0.023	0.023
119	03/31/2016	08:49:11	0.022	0.023	0.023	0.024	0.025
120	03/31/2016	08:50:11	0.022	0.023	0.024	0.025	0.025
121	03/31/2016	08:51:11	0.022	0.023	0.023	0.024	0.024
122	03/31/2016	08:52:11	0.021	0.022	0.022	0.023	0.023
123	03/31/2016	08:53:11	0.021	0.022	0.022	0.023	0.023
124	03/31/2016	08:54:11	0.021	0.021	0.022	0.022	0.022
125	03/31/2016	08:55:11	0.021	0.022	0.023	0.024	0.024
126	03/31/2016	08:56:11	0.022	0.022	0.023	0.024	0.024
127	03/31/2016	08:57:11	0.023	0.024	0.024	0.025	0.025

Test Data							
Data Point	Date	Time	PM1 mg/m ³	PM2.5 mg/m ³	RESP mg/m ³	PM10 mg/m ³	TOTAL mg/m ³
128	03/31/2016	08:58:11	0.023	0.024	0.024	0.025	0.025
129	03/31/2016	08:59:11	0.023	0.024	0.024	0.025	0.026
130	03/31/2016	09:00:11	0.023	0.024	0.024	0.025	0.026
131	03/31/2016	09:01:11	0.023	0.024	0.025	0.026	0.027
132	03/31/2016	09:02:11	0.022	0.023	0.024	0.024	0.024
133	03/31/2016	09:03:11	0.021	0.022	0.022	0.024	0.024
134	03/31/2016	09:04:11	0.020	0.021	0.021	0.022	0.022
135	03/31/2016	09:05:11	0.020	0.021	0.021	0.022	0.022
136	03/31/2016	09:06:11	0.019	0.020	0.021	0.021	0.021
137	03/31/2016	09:07:11	0.018	0.019	0.020	0.020	0.020
138	03/31/2016	09:08:11	0.020	0.021	0.021	0.021	0.022
139	03/31/2016	09:09:11	0.019	0.020	0.020	0.021	0.021
140	03/31/2016	09:10:11	0.018	0.019	0.019	0.020	0.020
141	03/31/2016	09:11:11	0.019	0.020	0.020	0.020	0.021
142	03/31/2016	09:12:11	0.021	0.022	0.023	0.023	0.023
143	03/31/2016	09:13:11	0.020	0.021	0.021	0.022	0.022
144	03/31/2016	09:14:11	0.018	0.019	0.019	0.020	0.020
145	03/31/2016	09:15:11	0.019	0.020	0.020	0.020	0.020
146	03/31/2016	09:16:11	0.016	0.017	0.017	0.017	0.017
147	03/31/2016	09:17:11	0.014	0.015	0.016	0.016	0.016
148	03/31/2016	09:18:11	0.015	0.016	0.016	0.016	0.016
149	03/31/2016	09:19:11	0.018	0.019	0.019	0.019	0.019
150	03/31/2016	09:20:11	0.018	0.019	0.019	0.020	0.020
151	03/31/2016	09:21:11	0.018	0.019	0.019	0.020	0.020
152	03/31/2016	09:22:11	0.019	0.020	0.021	0.021	0.021
153	03/31/2016	09:23:11	0.020	0.021	0.021	0.022	0.022
154	03/31/2016	09:24:11	0.020	0.021	0.021	0.022	0.022
155	03/31/2016	09:25:11	0.020	0.021	0.021	0.022	0.022
156	03/31/2016	09:26:11	0.020	0.021	0.022	0.022	0.023
157	03/31/2016	09:27:11	0.020	0.021	0.021	0.022	0.022
158	03/31/2016	09:28:11	0.020	0.021	0.022	0.022	0.023
159	03/31/2016	09:29:11	0.020	0.021	0.021	0.022	0.022
160	03/31/2016	09:30:11	0.020	0.021	0.021	0.022	0.023
161	03/31/2016	09:31:11	0.020	0.021	0.021	0.021	0.021
162	03/31/2016	09:32:11	0.019	0.020	0.020	0.020	0.020
163	03/31/2016	09:33:11	0.019	0.020	0.020	0.020	0.020
164	03/31/2016	09:34:11	0.019	0.020	0.021	0.021	0.022
165	03/31/2016	09:35:11	0.019	0.020	0.020	0.021	0.021
166	03/31/2016	09:36:11	0.019	0.020	0.020	0.021	0.021
167	03/31/2016	09:37:11	0.019	0.020	0.021	0.021	0.021
168	03/31/2016	09:38:11	0.020	0.021	0.021	0.021	0.021
169	03/31/2016	09:39:11	0.020	0.020	0.021	0.022	0.022
170	03/31/2016	09:40:11	0.020	0.021	0.021	0.022	0.022
171	03/31/2016	09:41:11	0.020	0.021	0.021	0.021	0.022
172	03/31/2016	09:42:11	0.020	0.021	0.021	0.022	0.022
173	03/31/2016	09:43:11	0.020	0.021	0.022	0.022	0.022

Test Data							
Data Point	Date	Time	PM1 mg/m ³	PM2.5 mg/m ³	RESP mg/m ³	PM10 mg/m ³	TOTAL mg/m ³
174	03/31/2016	09:44:11	0.020	0.021	0.021	0.022	0.022
175	03/31/2016	09:45:11	0.020	0.020	0.021	0.022	0.022
176	03/31/2016	09:46:11	0.020	0.020	0.021	0.021	0.021
177	03/31/2016	09:47:11	0.021	0.022	0.022	0.023	0.023
178	03/31/2016	09:48:11	0.021	0.022	0.022	0.023	0.023
179	03/31/2016	09:49:11	0.021	0.022	0.022	0.023	0.023
180	03/31/2016	09:50:11	0.021	0.022	0.022	0.024	0.024
181	03/31/2016	09:51:11	0.021	0.022	0.022	0.023	0.024
182	03/31/2016	09:52:11	0.022	0.023	0.023	0.024	0.024
183	03/31/2016	09:53:11	0.022	0.023	0.023	0.023	0.024
184	03/31/2016	09:54:11	0.023	0.024	0.024	0.025	0.025
185	03/31/2016	09:55:11	0.022	0.023	0.024	0.024	0.024
186	03/31/2016	09:56:11	0.022	0.023	0.023	0.024	0.024
187	03/31/2016	09:57:11	0.022	0.023	0.023	0.024	0.024
188	03/31/2016	09:58:11	0.022	0.023	0.023	0.024	0.024
189	03/31/2016	09:59:11	0.023	0.024	0.024	0.025	0.025
190	03/31/2016	10:00:11	0.022	0.023	0.023	0.024	0.025
191	03/31/2016	10:01:11	0.024	0.025	0.026	0.027	0.027
192	03/31/2016	10:02:11	0.023	0.024	0.024	0.025	0.025
193	03/31/2016	10:03:11	0.022	0.022	0.023	0.023	0.025
194	03/31/2016	10:04:11	0.022	0.023	0.023	0.024	0.024
195	03/31/2016	10:05:11	0.023	0.024	0.024	0.026	0.026
196	03/31/2016	10:06:11	0.023	0.025	0.025	0.025	0.025
197	03/31/2016	10:07:11	0.021	0.022	0.022	0.023	0.023
198	03/31/2016	10:08:11	0.021	0.022	0.023	0.023	0.024
199	03/31/2016	10:09:11	0.021	0.022	0.022	0.023	0.023
200	03/31/2016	10:10:11	0.021	0.022	0.022	0.023	0.023
201	03/31/2016	10:11:11	0.021	0.022	0.022	0.023	0.023
202	03/31/2016	10:12:11	0.022	0.022	0.023	0.024	0.025
203	03/31/2016	10:13:11	0.021	0.022	0.022	0.023	0.023
204	03/31/2016	10:14:11	0.021	0.022	0.022	0.023	0.023
205	03/31/2016	10:15:11	0.022	0.023	0.023	0.024	0.024
206	03/31/2016	10:16:11	0.022	0.023	0.023	0.024	0.024
207	03/31/2016	10:17:11	0.021	0.022	0.022	0.023	0.024
208	03/31/2016	10:18:11	0.021	0.022	0.023	0.023	0.024
209	03/31/2016	10:19:11	0.021	0.021	0.022	0.022	0.022
210	03/31/2016	10:20:11	0.020	0.021	0.022	0.022	0.022
211	03/31/2016	10:21:11	0.020	0.021	0.022	0.022	0.022
212	03/31/2016	10:22:11	0.020	0.021	0.021	0.022	0.022
213	03/31/2016	10:23:11	0.023	0.024	0.024	0.025	0.025
214	03/31/2016	10:24:11	0.021	0.022	0.022	0.023	0.024
215	03/31/2016	10:25:11	0.021	0.021	0.022	0.023	0.023
216	03/31/2016	10:26:11	0.021	0.021	0.022	0.023	0.023
217	03/31/2016	10:27:11	0.021	0.022	0.022	0.023	0.023
218	03/31/2016	10:28:11	0.021	0.021	0.022	0.023	0.023
219	03/31/2016	10:29:11	0.021	0.022	0.022	0.023	0.023

Test Data							
Data Point	Date	Time	PM1 mg/m ³	PM2.5 mg/m ³	RESP mg/m ³	PM10 mg/m ³	TOTAL mg/m ³
220	03/31/2016	10:30:11	0.021	0.022	0.023	0.024	0.024
221	03/31/2016	10:31:11	0.021	0.022	0.022	0.023	0.023
222	03/31/2016	10:32:11	0.021	0.022	0.022	0.023	0.023
223	03/31/2016	10:33:11	0.021	0.022	0.022	0.023	0.023
224	03/31/2016	10:34:11	0.020	0.021	0.022	0.022	0.022
225	03/31/2016	10:35:11	0.020	0.021	0.022	0.022	0.022
226	03/31/2016	10:36:11	0.022	0.023	0.023	0.024	0.024
227	03/31/2016	10:37:11	0.022	0.022	0.023	0.023	0.024
228	03/31/2016	10:38:11	0.021	0.022	0.022	0.023	0.024
229	03/31/2016	10:39:11	0.021	0.022	0.022	0.023	0.023
230	03/31/2016	10:40:11	0.021	0.022	0.022	0.022	0.022
231	03/31/2016	10:41:11	0.020	0.021	0.022	0.022	0.022
232	03/31/2016	10:42:11	0.020	0.021	0.021	0.022	0.022
233	03/31/2016	10:43:11	0.020	0.021	0.021	0.022	0.022
234	03/31/2016	10:44:11	0.022	0.023	0.023	0.024	0.024
235	03/31/2016	10:45:11	0.023	0.023	0.024	0.025	0.025
236	03/31/2016	10:46:11	0.023	0.024	0.024	0.025	0.025
237	03/31/2016	10:47:11	0.023	0.024	0.025	0.026	0.026
238	03/31/2016	10:48:11	0.022	0.023	0.023	0.024	0.025
239	03/31/2016	10:49:11	0.022	0.023	0.024	0.024	0.024
240	03/31/2016	10:50:11	0.021	0.022	0.023	0.023	0.024
241	03/31/2016	10:51:11	0.022	0.023	0.023	0.024	0.024
242	03/31/2016	10:52:11	0.024	0.025	0.025	0.027	0.027
243	03/31/2016	10:53:11	0.022	0.023	0.024	0.025	0.025
244	03/31/2016	10:54:11	0.024	0.025	0.025	0.026	0.027
245	03/31/2016	10:55:11	0.023	0.024	0.024	0.025	0.026
246	03/31/2016	10:56:11	0.023	0.024	0.025	0.026	0.026
247	03/31/2016	10:57:11	0.022	0.023	0.023	0.024	0.024
248	03/31/2016	10:58:11	0.022	0.023	0.023	0.024	0.025
249	03/31/2016	10:59:11	0.023	0.024	0.024	0.025	0.025
250	03/31/2016	11:00:11	0.023	0.024	0.024	0.025	0.025
251	03/31/2016	11:01:11	0.024	0.025	0.026	0.026	0.027
252	03/31/2016	11:02:11	0.023	0.024	0.024	0.025	0.026
253	03/31/2016	11:03:11	0.023	0.024	0.024	0.025	0.025
254	03/31/2016	11:04:11	0.023	0.024	0.024	0.024	0.025
255	03/31/2016	11:05:11	0.022	0.023	0.024	0.025	0.025
256	03/31/2016	11:06:11	0.022	0.023	0.023	0.024	0.024
257	03/31/2016	11:07:11	0.023	0.024	0.024	0.026	0.026
258	03/31/2016	11:08:11	0.023	0.024	0.025	0.026	0.026
259	03/31/2016	11:09:11	0.023	0.024	0.024	0.026	0.026
260	03/31/2016	11:10:11	0.023	0.024	0.025	0.026	0.026
261	03/31/2016	11:11:11	0.023	0.024	0.024	0.025	0.026
262	03/31/2016	11:12:11	0.023	0.024	0.024	0.026	0.027
263	03/31/2016	11:13:11	0.023	0.024	0.024	0.025	0.026
264	03/31/2016	11:14:11	0.025	0.026	0.026	0.027	0.027
265	03/31/2016	11:15:11	0.024	0.025	0.025	0.026	0.027

Test Data							
Data Point	Date	Time	PM1 mg/m ³	PM2.5 mg/m ³	RESP mg/m ³	PM10 mg/m ³	TOTAL mg/m ³
266	03/31/2016	11:16:11	0.025	0.026	0.026	0.028	0.028
267	03/31/2016	11:17:11	0.026	0.027	0.027	0.028	0.029
268	03/31/2016	11:18:11	0.024	0.025	0.026	0.027	0.027
269	03/31/2016	11:19:11	0.024	0.025	0.026	0.027	0.027
270	03/31/2016	11:20:11	0.024	0.025	0.025	0.026	0.026
271	03/31/2016	11:21:11	0.023	0.024	0.025	0.026	0.026
272	03/31/2016	11:22:11	0.024	0.025	0.025	0.027	0.028
273	03/31/2016	11:23:11	0.024	0.025	0.025	0.027	0.027
274	03/31/2016	11:24:11	0.023	0.024	0.025	0.026	0.026
275	03/31/2016	11:25:11	0.025	0.026	0.027	0.028	0.028
276	03/31/2016	11:26:11	0.024	0.025	0.026	0.027	0.028
277	03/31/2016	11:27:11	0.024	0.024	0.025	0.026	0.027
278	03/31/2016	11:28:11	0.024	0.025	0.026	0.027	0.028
279	03/31/2016	11:29:11	0.024	0.025	0.025	0.026	0.026
280	03/31/2016	11:30:11	0.025	0.026	0.026	0.028	0.028
281	03/31/2016	11:31:11	0.026	0.027	0.027	0.029	0.029
282	03/31/2016	11:32:11	0.027	0.028	0.028	0.029	0.030
283	03/31/2016	11:33:11	0.026	0.027	0.027	0.028	0.028
284	03/31/2016	11:34:11	0.025	0.026	0.026	0.027	0.028
285	03/31/2016	11:35:11	0.025	0.026	0.027	0.028	0.028
286	03/31/2016	11:36:11	0.025	0.026	0.027	0.027	0.027
287	03/31/2016	11:37:11	0.026	0.027	0.027	0.028	0.028
288	03/31/2016	11:38:11	0.026	0.027	0.028	0.029	0.029
289	03/31/2016	11:39:11	0.026	0.026	0.027	0.028	0.028
290	03/31/2016	11:40:11	0.025	0.026	0.027	0.028	0.028
291	03/31/2016	11:41:11	0.025	0.026	0.027	0.028	0.028
292	03/31/2016	11:42:11	0.025	0.026	0.027	0.027	0.028
293	03/31/2016	11:43:11	0.026	0.027	0.027	0.028	0.029
294	03/31/2016	11:44:11	0.025	0.026	0.026	0.027	0.027
295	03/31/2016	11:45:11	0.026	0.027	0.027	0.028	0.029
296	03/31/2016	11:46:11	0.026	0.027	0.027	0.028	0.029
297	03/31/2016	11:47:11	0.026	0.027	0.027	0.029	0.029
298	03/31/2016	11:48:11	0.026	0.026	0.027	0.028	0.028
299	03/31/2016	11:49:11	0.025	0.026	0.027	0.028	0.028
300	03/31/2016	11:50:11	0.025	0.026	0.026	0.027	0.028
301	03/31/2016	11:51:11	0.026	0.027	0.027	0.029	0.029
302	03/31/2016	11:52:11	0.026	0.027	0.027	0.029	0.029
303	03/31/2016	11:53:11	0.026	0.027	0.027	0.029	0.029
304	03/31/2016	11:54:11	0.025	0.026	0.027	0.028	0.029
305	03/31/2016	11:55:11	0.025	0.026	0.026	0.027	0.027
306	03/31/2016	11:56:11	0.025	0.025	0.026	0.027	0.027
307	03/31/2016	11:57:11	0.024	0.025	0.026	0.027	0.027
308	03/31/2016	11:58:11	0.024	0.025	0.026	0.026	0.028
309	03/31/2016	11:59:11	0.024	0.025	0.025	0.026	0.026
310	03/31/2016	12:00:11	0.024	0.025	0.025	0.026	0.026
311	03/31/2016	12:01:11	0.025	0.026	0.027	0.028	0.028

Test Data							
Data Point	Date	Time	PM1 mg/m ³	PM2.5 mg/m ³	RESP mg/m ³	PM10 mg/m ³	TOTAL mg/m ³
312	03/31/2016	12:02:11	0.025	0.025	0.026	0.027	0.027
313	03/31/2016	12:03:11	0.025	0.026	0.026	0.027	0.027
314	03/31/2016	12:04:11	0.024	0.025	0.026	0.026	0.027
315	03/31/2016	12:05:11	0.024	0.025	0.026	0.027	0.028
316	03/31/2016	12:06:11	0.024	0.024	0.025	0.026	0.026
317	03/31/2016	12:07:11	0.023	0.024	0.025	0.026	0.026
318	03/31/2016	12:08:11	0.024	0.025	0.025	0.027	0.028
319	03/31/2016	12:09:11	0.024	0.024	0.025	0.026	0.027
320	03/31/2016	12:10:11	0.024	0.024	0.025	0.026	0.026
321	03/31/2016	12:11:11	0.025	0.025	0.026	0.028	0.028
322	03/31/2016	12:12:11	0.026	0.027	0.028	0.029	0.029
323	03/31/2016	12:13:11	0.026	0.027	0.028	0.029	0.029
324	03/31/2016	12:14:11	0.027	0.028	0.029	0.031	0.031
325	03/31/2016	12:15:11	0.027	0.027	0.028	0.030	0.030
326	03/31/2016	12:16:11	0.026	0.027	0.027	0.028	0.028
327	03/31/2016	12:17:11	0.026	0.027	0.028	0.029	0.029
328	03/31/2016	12:18:11	0.027	0.028	0.028	0.029	0.031
329	03/31/2016	12:19:11	0.026	0.027	0.028	0.030	0.031
330	03/31/2016	12:20:11	0.026	0.027	0.027	0.028	0.029
331	03/31/2016	12:21:11	0.025	0.025	0.026	0.027	0.027
332	03/31/2016	12:22:11	0.025	0.026	0.026	0.028	0.028
333	03/31/2016	12:23:11	0.025	0.025	0.026	0.027	0.028
334	03/31/2016	12:24:11	0.025	0.026	0.026	0.028	0.029
335	03/31/2016	12:25:11	0.024	0.025	0.026	0.027	0.027
336	03/31/2016	12:26:11	0.024	0.025	0.025	0.026	0.026
337	03/31/2016	12:27:11	0.024	0.025	0.025	0.026	0.026
338	03/31/2016	12:28:11	0.024	0.025	0.025	0.026	0.027
339	03/31/2016	12:29:11	0.024	0.025	0.026	0.028	0.028
340	03/31/2016	12:30:11	0.025	0.026	0.026	0.027	0.028
341	03/31/2016	12:31:11	0.024	0.025	0.026	0.027	0.028
342	03/31/2016	12:32:11	0.025	0.025	0.026	0.027	0.027
343	03/31/2016	12:33:11	0.023	0.024	0.025	0.026	0.027
344	03/31/2016	12:34:11	0.024	0.024	0.025	0.026	0.027
345	03/31/2016	12:35:11	0.023	0.024	0.024	0.026	0.027
346	03/31/2016	12:36:11	0.022	0.023	0.023	0.024	0.025
347	03/31/2016	12:37:11	0.024	0.025	0.025	0.027	0.027
348	03/31/2016	12:38:11	0.024	0.024	0.025	0.026	0.027
349	03/31/2016	12:39:11	0.024	0.024	0.025	0.026	0.027
350	03/31/2016	12:40:11	0.023	0.024	0.024	0.026	0.026
351	03/31/2016	12:41:11	0.022	0.023	0.023	0.024	0.024
352	03/31/2016	12:42:11	0.023	0.024	0.024	0.026	0.026
353	03/31/2016	12:43:11	0.023	0.024	0.025	0.026	0.027
354	03/31/2016	12:44:11	0.023	0.024	0.024	0.025	0.025
355	03/31/2016	12:45:11	0.022	0.023	0.024	0.025	0.025
356	03/31/2016	12:46:11	0.021	0.022	0.022	0.023	0.023
357	03/31/2016	12:47:11	0.021	0.022	0.022	0.023	0.024

Test Data							
Data Point	Date	Time	PM1 mg/m ³	PM2.5 mg/m ³	RESP mg/m ³	PM10 mg/m ³	TOTAL mg/m ³
358	03/31/2016	12:48:11	0.021	0.022	0.023	0.025	0.025
359	03/31/2016	12:49:11	0.020	0.021	0.021	0.022	0.022
360	03/31/2016	12:50:11	0.018	0.019	0.020	0.020	0.021
361	03/31/2016	12:51:11	0.018	0.018	0.019	0.020	0.020
362	03/31/2016	12:52:11	0.017	0.018	0.019	0.020	0.020
363	03/31/2016	12:53:11	0.017	0.018	0.018	0.020	0.020
364	03/31/2016	12:54:11	0.016	0.017	0.018	0.019	0.020
365	03/31/2016	12:55:11	0.029	0.030	0.031	0.032	0.033
366	03/31/2016	12:56:11	0.020	0.021	0.022	0.026	0.028
367	03/31/2016	12:57:11	0.019	0.019	0.020	0.023	0.024
368	03/31/2016	12:58:11	0.016	0.017	0.017	0.019	0.019
369	03/31/2016	12:59:11	0.018	0.019	0.020	0.021	0.024
370	03/31/2016	13:00:11	0.019	0.020	0.021	0.023	0.024
371	03/31/2016	13:01:11	0.019	0.020	0.021	0.022	0.022
372	03/31/2016	13:02:11	0.019	0.020	0.021	0.022	0.023
373	03/31/2016	13:03:11	0.017	0.018	0.018	0.020	0.020
374	03/31/2016	13:04:11	0.017	0.017	0.018	0.019	0.019
375	03/31/2016	13:05:11	0.016	0.017	0.018	0.019	0.019
376	03/31/2016	13:06:11	0.017	0.018	0.018	0.019	0.020
377	03/31/2016	13:07:11	0.017	0.018	0.018	0.019	0.019
378	03/31/2016	13:08:11	0.018	0.018	0.019	0.021	0.021
379	03/31/2016	13:09:11	0.017	0.018	0.018	0.019	0.020
380	03/31/2016	13:10:11	0.017	0.018	0.018	0.019	0.019
381	03/31/2016	13:11:11	0.018	0.019	0.019	0.021	0.022
382	03/31/2016	13:12:11	0.017	0.018	0.018	0.020	0.021
383	03/31/2016	13:13:11	0.016	0.017	0.017	0.018	0.018
384	03/31/2016	13:14:11	0.016	0.017	0.017	0.019	0.020
385	03/31/2016	13:15:11	0.015	0.016	0.016	0.018	0.018
386	03/31/2016	13:16:11	0.016	0.016	0.017	0.017	0.018
387	03/31/2016	13:17:11	0.015	0.016	0.016	0.017	0.018
388	03/31/2016	13:18:11	0.015	0.016	0.016	0.017	0.018
389	03/31/2016	13:19:11	0.016	0.016	0.016	0.017	0.017
390	03/31/2016	13:20:11	0.014	0.015	0.015	0.016	0.016