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January 3, 2018

SENT VIA: ELECTRONIC MAIL AND US MAIL

Mr. Jeffrey Thomas
Remedial Project Manager
U.S. Environmental Protection Agency
Hazardous Site Cleanup Division, 3HS23
1650 Arch Street
Philadelphia, PA 19103

RE: QUARTERLY PROGRESS REPORT FOR THE AVTEX FIBERS SUPERFUND SITE FOR THE PERIOD 1 JULY TO 30 SEPTEMBER 2017

Dear Mr. Thomas,

FMC Corporation (FMC) has enclosed one clipped copy of the Quarterly Progress Report for remedial activities undertaken by FMC at the Avtex Fibers Superfund Site, Front Royal, Virginia (Site). This Quarterly progress report addresses the reporting requirements in 1999 Consent Decree between the United States of America and FMC Corporation to conduct removal and remedial actions. In accordance with Section XI, Paragraph 45 of the Consent Decree, FMC has prepared this progress report to describe actions taken pursuant to the Consent Decree during the previous quarter.

If you have any questions or comments, please call me at 215-299-6047.

Sincerely,

Brian McGinnis
EHS, Remediation Manager

Enclosure (1)
cc: M. Payne, B. Kiracofe, VADEQ
S. Curran, Gannett Fleming
H. Philip, Parsons
M. Robinson, Parsons

QUARTERLY PROGRESS REPORT
for the Avtex Fibers Superfund Site, Front Royal, Virginia
for the Period July 1 to September 30, 2017

1.0 INTRODUCTION

FMC Corporation (FMC) has conducted removal and remedial activities at the Avtex Fibers Superfund Site, Front Royal, Virginia (Site). The removal action, remedial design, and remedial action activities were performed pursuant to the 1999 Consent Decree between the United States of America and FMC Corporation (effective 21 October 1999).

On August 29, 2014, USEPA issued a document titled, "Superfund Preliminary Close-out Report," which documented construction completion at the Site. The completion of construction at the Site marked its transition into the O&M phase. Full-scale operations and maintenance were achieved when the Groundwater and Leachate Treatment Plant (GLTP) began operating in continuous biological mode in September 2015. During the September 8, 2014 monthly call between EPA and FMC, EPA agreed that the former monthly progress reporting for the site could be reduced to quarterly during O&M phase as specified in paragraph 45 in Consent Decree. In accordance with Section XI, Paragraph 45 of the Consent Decree, FMC has prepared this quarterly progress report to describe actions taken pursuant to both the Areas of Concern (AOC) and Consent Decree during the months of July, August, and September 2017.

This report includes progress towards full completion of removal and remedial activities, and follows formatting consistent with previous reports. Daily operations and maintenance activities will be ongoing and will follow requirements in the Site-Wide O&M Plan (FMC, May 2015), which will include the Operations and Maintenance Manual Groundwater and Leachate Treatment Plant (Parsons, May 2015), and the Operations, Maintenance and Monitoring Manual Groundwater and Leachate Extraction System (Parsons, May 2015) with any major deviations reported in the sections below. The Site-Wide O&M Plan replaces prior response action specific O&M Plans, such as those presented in the various design documents.

In accordance with Section XI of the Consent Decree, this quarterly progress report contains the following:

- Description of actions taken during the previous quarter;
- Summary of data generated by FMC during the previous quarter;

- Actions scheduled for the next quarter;
- Description of problems and actions taken to mitigate the problems;
- Update on the schedule of actions and percentage completion of tasks;
- Modification to the Work Plans or other schedules; and
- Activities undertaken in support of the EPA Community Relations Plan.

Attachment 1 lists correspondence and deliverables transmitted from FMC or FMC contractors to EPA, and from EPA or EPA contractors to FMC for the previous quarter.

The remainder of the quarterly progress report is divided into six sections (these sections will be removed and updated when actions are completed for the section):

- *Section 2.0 – OU-7/ROD 5 RD/RA*. This section describes remedial design and remedial action activities being conducted under Paragraph 23 in the Consent Decree. The units covered under OU-7 include Viscose Basins (VB) 9-11, site-wide ground water and surface water.
- *Section 3.0 – OU-10/ROD 4 RD/RA*. This section describes remedial design and remedial action activities being conducted under Paragraph 24 in the Consent Decree. The units covered under OU-10 include VB 1-8, the New Landfill, Wastewater Treatment Plant (WWTP) Closure, and Plant Area Soils.
- *Section 4.0 - Non-Time-Critical Removal Actions (NTCRA) for the Buildings*. This section describes the activities being conducted under Paragraph 21.A in the Consent Decree. The scope of the NTCRA-Buildings project is to decontaminate the remaining structures and remove the sewers and manholes.
- *Section 5.0 - Basin Closure*. This section describes the activities being conducted as a NTCRA under Paragraph 22 of the Consent Decree. The scope of this action consists of the closure of the Sulfate Basins, WWTP Basins, Fly Ash Basins, and the Stockpile (Mountain).
- *Section 6.0 – Groundwater and Leachate Treatment Plant O&M*. This section describes the Operations and Maintenance (O&M) activities being conducted to address the discharge requirements for the GLTP.

- *Section 7.0 - Other Site Support Documents.* This section describes site-wide activities that cross over all of management units.
- *Section 8.0 – Community Relations Support*. This section describes activities undertaken in support of community relations in accordance with the Consent Decree requirement.

2.0 OU-7/ROD 5 (VB 9-11, GROUND WATER, SURFACE WATER) REMEDIAL DESIGN/REMEDIAL ACTION

2.1 Actions Taken and Reports Prepared in Previous Period

- Completed quarterly inspection as described in Section 6 of Part 1 of the Site-Wide O&M Plan.
- Completed quarterly monitoring of gas vents as described in Section 3.0 of Part 1 of the Site-Wide O&M Plan.
- Completed quarterly post-closure OU-7 and site perimeter real time air monitoring as required by Section 2.2 of the Air Monitoring Plan Operable Unit 7, Avtex Fibers Superfund Site, Front Royal, Virginia, October 2011. No hydrogen sulfide or volatile organic compounds (VOCs) were detected at any of the monitoring locations. The results are presented in in Attachment 2.
- Completed the annual post-closure OU-7 and site perimeter air sampling as required by Section 2.2 of the Air Monitoring Plan Operable Unit 7, Avtex Fibers Superfund Site, Front Royal, Virginia, October 2011. The sampling was initially performed in August; however, due to the failure of several canisters, six of the locations had to be resampled in September. The results from the sampling are currently being validated and will be provided in a future report.
- Completed the annual groundwater sampling in accordance with the Site-Wide Groundwater Monitoring Plan dated February 3, 2015. One low recovery well was purged, but could not be sampled during the annual event (306). This well will be sampled when sufficient water is present to complete the well purge and collect a groundwater sample.
- Completed the annual surface water and sediment sampling in accordance with the Revised Surface Water and Sediment Monitoring Plan Operable Unit 7, Revision 1 dated February 24, 2015.
- Collected annual samples from extracted VB leachate, Lift Station, and TW groundwater for analysis per the requirements of the G&LES O&M Manual. Due to low water levels, samples could not be collected from the VB leachate (there was no flow from these units).

These units will be monitored and samples will be collected if pumping resumes before March 2018 (otherwise, an attempt to sample them will be made during the 2018 annual event).

- The second and third quarter water level measurements as described in Section 2 of the GMP were collected in July (during the annual sampling event) and September, respectively.
- Addressed comments provided in the EPA 5-Year Review and provided photo log documentation to EPA.

2.2 *Data Generated in Previous Period*

Data validation reports for the 2016 annual groundwater sampling event have been received and data tables are being prepared. The results will be incorporated with the rest of the annual groundwater sampling and will be presented in the site-wide annual monitoring report.

As required by the Air Monitoring Plan, post construction quarterly air monitoring for hydrogen sulfide and organic vapor was completed. The results and a map showing the sample locations is provided in Attachment 2. No hydrogen sulfide or volatile organic compounds (VOCs) were detected at any of the monitoring locations. Results from the annual post construction air sampling are currently being validated and will be provided in a future report.

The following instruments were utilized to collect the real-time readings:

- Hydrogen Sulfide: Jerome 613X.
- Organic Vapor: MiniRAE 3000

2.3 *Actions to be Completed Next Period*

- Complete quarterly water level measurements as described in Section 2 of the GMP.
- Complete quarterly inspection as described in Section 6 of Part 1 of the Site-Wide O&M Plan.
- Complete quarterly monitoring of gas vents as described in Section 3.0 of Part 1 of the Site-Wide O&M Plan.
- Complete quarterly post-closure OU-7 and site perimeter real time air monitoring and collect annual air samples as required by Section 2.2 of the Air Monitoring Plan Operable Unit 7, Avtex Fibers Superfund Site, Front Royal, Virginia, October 2011.

2.4 *Problems Encountered and Remedies*

No problems were encountered during the previous period.

2.5 *Schedule Update*

All remedial design and remedial action work associated with OU-7 is complete based on EPA's approvals of the remedial action reports for the GLTP component and Viscose Basins 9-11 cap system and groundwater and leachate extraction component of OU-7.

3.0 *OU-10/ROD 4 (VB 1-8, NEW LANDFILL, PLANT AREA SOILS AND WWTP CLOSURE) REMEDIAL DESIGN/REMEDIAL ACTION*

3.1 *Actions Taken and Reports Prepared in Previous Period*

- Completed routine monitoring of gas vents as described in Section 3.0 of Part 1 of the Site-Wide O&M Plan.
- Completed quarterly inspection as described in Section 6 of Part 1 of the Site-Wide O&M Plan.
- Completed the annual groundwater sampling in accordance with the Site-Wide Groundwater Monitoring Plan dated February 3, 2015.

3.2 *Data Generated in Previous Period*

None.

3.3 *Actions to be Completed Next Period*

- Complete routine monitoring of gas vents as described in Section 3.0 of Part 1 of the Site-Wide O&M Plan.
- Complete quarterly inspection as described in Section 6 of Part 1 of the Site-Wide O&M Plan.

3.4 *Problems Encountered and Remedies*

No problems were encountered during the previous period.

3.5 Schedule Update

All remedial design and remedial action work associated with OU-10 is complete based on EPA's approvals of the remedial action reports for plant area soils, WWTP and VB 1-8 and New Landfill.

4.0 NON-TIME-CRITICAL REMOVAL ACTIONS (NTCRA) BUILDINGS

4.1 Actions Taken and Reports Prepared in Previous Period

No actions were completed during the previous period because EPA issued a Certificate of Completion.

4.2 Data Generated in Previous Period

No new analytical data were generated during the previous month.

4.3 Actions to be Completed Next Period

No actions will be completed during the next period because EPA issued a Certificate of Completion.

4.4 Problems Encountered and Remedies

No problems were encountered during the previous month.

4.5 Schedule Update

All removal action work associated with NTCRA-Buildings is complete.

5.0 NON-TIME-CRITICAL REMOVAL ACTIONS (NTCRA) - BASIN CLOSURE

5.1 Actions Taken and Reports Prepared in Previous Period

- Completed quarterly inspection as described in Section 6 of Part 1 of the Site-Wide O&M Plan.
- Completed routine monitoring of gas vents as described in Section 3.0 of Part 1 of the Site-Wide O&M Plan.
- Completed the annual groundwater sampling in accordance with the Site-Wide Groundwater Monitoring Plan dated February 3, 2015.

5.2 *Data Generated in Previous Period*

None.

5.3 *Actions to be Completed Next Period*

- Complete quarterly inspection as described in Section 6 of Part 1 of the Site-Wide O&M Plan.

- Complete routine monitoring of gas vents as described in Section 3.0 of Part 1 of the Site-Wide O&M Plan

5.4 *Problems Encountered and Remedies*

No problems were encountered during the previous month.

5.5 *Schedule Update*

All removal action work associated with NTCRA-Basins is complete.

6.0 *GROUNDWATER AND LEACHATE TREATMENT PLANT O&M*

6.1 *Actions Taken and Reports Prepared in Previous Period*

- The GLTP operated and discharged to the South Fork Shenandoah River (River) for 92 days in from July 1 to September 30, 2017.

<u>Discharge Monitoring</u>

Discharge monitoring was completed as required by the July 24, 2014 VADEQ final Fact Sheet and Applicable or Relevant and Appropriate Requirements (ARARs) for the discharge of effluent from the GLTP. Discharge monitoring included: flow, pH, TSS, BOD_5, and carbon disulfide. The daily and monthly flow and chemical data are listed in the Discharge Monitoring Reports (DMRs) submitted during the third quarter of 2017 provided in Attachment 3 and summarized below.

Table 1.0 Summary of 3Q17 Effluent Sampling

	Permitted Limits	July 2017 (month avg/ daily max)	August 2017 (month avg/ daily max)	September 2017 (month avg/ daily max)
Flow(gpd)	0.396 MGD	0.078/0.091	0.062/0.097	0.063/0.095
pH (range)	6.5 – 9.0	7.13-7.58	6.94-7.50	7.07-7.77
TSS (mg/L)	40 / 130	0.0/0.0	0.0/0.0	0.0/0.0
BOD_5 (mg/L)	24 / 64	0.0/0.0	0.0/0.0	0.0/0.0
CS2 (ug/L)	No limit established. 0.1mg/l action level	<QL	<QL	<QL
WET (TUa) *w/Ceriodaphania dubia*	No limit established.	Not sampled	<1	Not sampled
WET (TUa) *w/Pimephales promelas*	No limit established	Not sampled	<1	Not sampled

*Where parameters non-detect, the value '0' was used for calculating average and maximum concentrations.

- *Flow*. Flow during discharge was monitored continuously. Additionally, flow rates for the lift stations, test wells and viscose basins for the months of July, August, and September are provided in Table 3.2 (Attachment 3).
- *pH*. pH was monitored continuously during the days that discharge occurred. The pH monitoring results for each month are included in Attachment 3 with the monthly DMRs. The effluent pH was within the range of 6.5 to 9.0 specified in the ARARs.
- *TSS*. TSS was monitored weekly. The permitted monthly daily average limit for TSS of 40 mg/l and the permitted monthly maximum daily limit of 130 mg/l for TSS were not exceeded during this reporting period.
- *BOD_5*. BOD_5 was monitored weekly. The permitted monthly daily average limit for BOD_5 of 24 mg/l and the permitted monthly maximum daily limit of 64 mg/l for BOD_5 were not exceeded during this reporting period.

- *Carbon Disulfide.* Carbon Disulfide was monitored monthly and no limit is established in the ARARs. The results for the monthly samples collected in the third quarter of 2017 were less than the 0.1 mg/l monthly action level specified in the ARARs.
- *Whole Effluent Toxicity (WET).* Whole Effluent Toxicity was monitored quarterly for the first year and will be annually for every year thereafter. No results have been >1.0 to-date.

Rainfall Data

Table 3.1 (Attachment 3) shows that a total of 10.1 inches of precipitation fell on the Site during the third quarter of 2017 (Jul., Aug., Sep.). The total precipitation for 2017 to-date is 25.7 inches, representing to-date 65% of the average Site total yearly precipitation (39.6 inches).

6.2 *Data Generated in Previous Period*

Discharge monitoring, rainfall data and flow totals for the lift stations, test wells and viscose basin are contained in Attachment 3. DMRs were submitted by the tenth of each month.

6.3 *Actions to be Taken Next Period*

- Continue GLTP operations and maintenance and operate the GLTP biological system in continuous mode.
- Conduct the Whole Effluent Toxicity sampling per the ARARs (to meet at least one of the Applicability Criteria for a Facility to Perform Aquatic Toxicity Tests stipulated in Guidance Memorandum 00-2012 (Section IV.1.C)).
- Conduct yearly effluent sampling per the ARARs.

6.4 *Problems Encountered and Remedies*

None.

6.5 *Schedule Update*

The GLTP will continue to operate in full continuous mode.

7.0 OTHER SITE SUPPORT DOCUMENTS

7.1 Actions Taken and Reports Prepared in Previous Period

- Quarterly inspections (e.g. seep areas, river berms, gas vents, etc.) and inspection reports completed.

7.2 Actions to be Taken Next Period

- Quarterly inspections (e.g. seep areas, river berms, gas vents, etc.) and inspection reports to be completed.

8.0 COMMUNITY RELATIONS SUPPORT

- No activity during the previous period.

ATTACHMENTS

1 Summary of Monthly Correspondence

2 OU-7 and Site Perimeter Air Monitoring Results

3 GLTP Discharge Monitoring and Information

Discharge Monitoring Reports, 1 July to 30 September 2017

Table 3.1 – Site Rainfall Data

Table 3.2 - Monthly Flow Totals Avtex Site Lift Stations, Test Wells and Viscose Basin

4 Preliminary Site-Wide Quarterly Inspection (with repairs photo log)

Attachment 1
Summary of Quarterly Correspondence

ATTACHMENT 1 – LIST OF CORRESPONDENCE AND DELIVERABLES FOR THE PERIOD JULY 1, 2017 TO SEPTEMBER 30, 2017, AVTEX FIBERS SUPERFUND SITE, FRONT ROYAL, VIRGINIA

FMC to EPA

July 26, 2017. 2Q17 Quarterly Progress Report submitted to EPA.

August 24, 2017. EPA 5-Year Review Corrections Photo Log submitted to EPA.

EPA to FMC

July 3, 2017. Avtex Five Year Review Maintenance Observations submitted to FMC.

July 6, 2017. Avtex Quarterly Progress Report Comments submitted to FMC.

FMC to VADEQ

July 7, 2017. Discharge Monitoring Report – June 2017 submitted to VADEQ and EPA

August 7, 2017. Discharge Monitoring Report – July 2017 submitted to VADEQ and EPA

September 8, 2017. Discharge Monitoring Report – August 2017 submitted to VADEQ and EPA

Attachment 2

OU-7 and Site Perimeter Air Monitoring Results

Table 4 - Example Air Monitoring Form

Date: 8-9-17
Technician: Robinson

Gas Monitoring Devices:	Used (Y/N)	Calibrated (Y/N)	Date Calibrated	Initials
Jerome 631X (low-level H_2S)	Y	Y	1/13/17	MGR
MiniRAE PLUS with 10.6 eV lamp	Y	Y	8/9/17	MGR
CS2 Drager with qualitative ppm tube	N	—		
MiniRAE PLUS with LEL	N	—		

Air Samples Collected?
☒ yes
☐ no

Weather Conditions:

Precipitation (current) ☐ rain ☐ snow ☐ sleet ☐ mix ☐ other None
☐ light ☐ moderate ☐ heavy
Temperature (current) 75 F
Wind Direction (blowing from) ☐ N ☐ NE ☐ E ☐ SE ☐ variable E to SE
☐ S ☐ SW ☐ W ☐ NW
Approximate Wind Speed 1-4 mph
Cloud Cover ☒ clear ☐ lt. clouds ☐ overcast ☐ foggy
Barometric Pressure 30.22 inches

Monitoring Location	Time	H_2S (ppm)	Organic (ppm)	CS2 (ppm)	Methane (%LEL)	Comments
OU-7 Perimeter						
N	1545	0.000	0.0			
NE	1540	0.000	0.0			
SE	1610	0.000	0.0			
S	1620	0.000	0.0			
SW	1600	0.000	0.0			
NW	1555	0.000	0.0			
Site Perimeter W	1510	0.000	0.0			
N	1530	0.000	0.0			
NE	1420	0.000	0.0			
E	1430	0.000	0.0			
SE	1400	0.000	0.0			
S	1450	0.000	0.0			
SW	1500	0.000	0.0			
NW	1520	0.000	0.0			
Downwind (note location) ESE	1440	0.000	0.0			

Summarize activities occurring on-site that might relate to air emissions: GLTP operation + GW Sampling

Table 4 - Example Air Monitoring Form

Date: 9-19-17

Technician: Robinson / Harder

Gas Monitoring Devices:

	Used (Y/N)	Calibrated (Y/N)	Date Calibrated	Initials
Jerome 631X (low-level H_2S)	Y	Y	1/13/17	MGR
MiniRAE PLUS with 10.6 eV lamp	Y	Y	9/19/17	MGR
CS2 Drager with qualitative ppm tube	N	—		
MiniRAE PLUS with LEL	N	—		

Air Samples Collected?

☒ yes
☐ no

Weather Conditions:

Precipitation (current) ☐ rain ☐ snow ☐ sleet ☐ mix ☐ other None
☐ light ☐ moderate ☐ heavy

Temperature (current) 82 F

Wind Direction (blowing from) ☐ N ☒ NE ☐ E ☐ SE ☐ variable
☐ S ☐ SW ☐ W ☐ NW

Approximate Wind Speed 3 mph

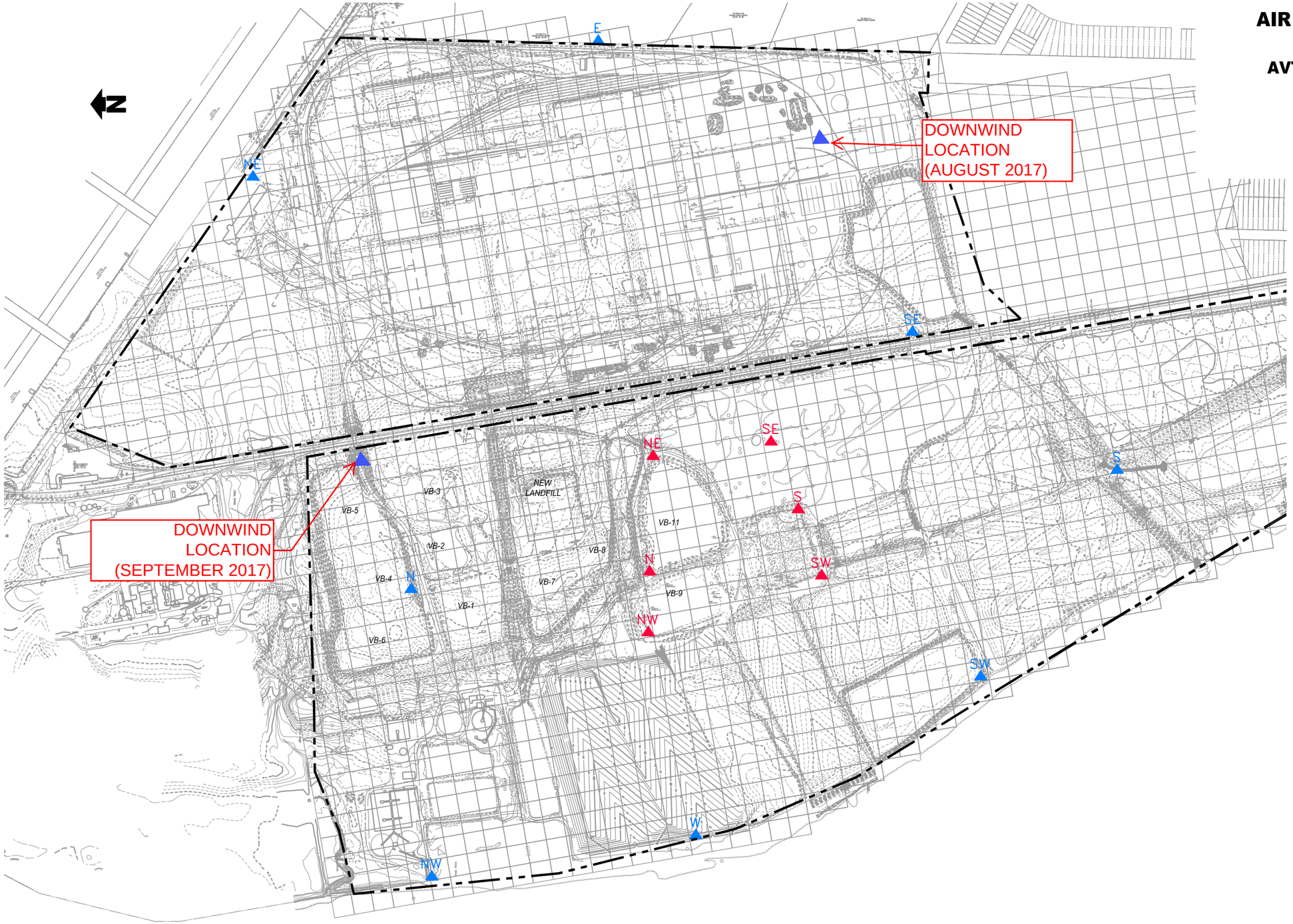
Cloud Cover ☒ clear ☐ lt. clouds ☐ overcast ☐ foggy

Barometric Pressure 29.9 inches

Monitoring Location	Time	H_2S (ppm)	Organic (ppm)	CS2 (ppm)	Methane (%LEL)	Comments
OU-7 Perimeter						
N	1520	0.000	0.0			
NE	1516	0.000	0.0			
SE	1532	0.000	0.0			
S	1530	0.000	0.0			Sampled
SW	1524	0.000	0.0			
NW	1521	0.000	0.0			
Site Perimeter W	1600	0.000	0.0			Sampled
N	1620	0.000	0.0			Sampled
NE	1545	0.000	0.0			Sampled
E	1537	0.000	0.0			
SE	1533	0.000	0.0			
S	1550	0.000	0.0			Sampled
SW	1557	0.000	0.0			
NW	1607	0.000	0.0			
Downwind (note location ~~NNE~~ NNE)	1615	0.000	0.0			Sampled

Summarize activities occurring on-site that might relate to air emissions: GLT? operation

FIGURE 1
AIR MONITORING LOCATIONS DURING OU-7 WORK
AVTEX FIBERS SUPERFUND SITE
FRONT ROYAL, VIRGINIA



LEGEND

PROPERTY BOUNDARY

SITE PERIMETER LOCATION

OU-7 PERIMETER LOCATION

NOTE: DOWNWIND LOCATION TO BE DETERMINED BASED ON FIELD CONDITIONS.

500 250 0 500

SCALE IN FEET

G:\CAD\Drawings\FMC_Avtex Front Royal\0122736\A207.dwg

MLB/4-6-11

ERM, INC.

Attachment 3

GLTP Discharge Monitoring and Information

Table 3.1

Site Rainfall Data Avtex Fibers Superfund Site 1 July - September 30, 2017

Month	Average Rainfall for Winchester, VA (in)*	Average Site Rainfall 1990-2013 (in)	2006 Actual Rainfall (in)	2007 Actual Rainfall (in)	2008 Actual Rainfall (in)	2009 Actual Rainfall (in)	2010 Actual Rainfall (in)	2011 Actual Rainfall (in)	2012 Actual Rainfall (in)	2013 Actual Rainfall (in)	2014 Actual Rainfall (in)	2015 Actual Rainfall (in)	2016 Actual Rainfall (in)	2017 Actual Rainfall (in)	Percent of Average Site Rainfall (%)
January	2.4	2.7	2.0	1.2	1.0	1.4	3.35	0.9	2.0	3.8	1.1	1.4	1.2	2.5	93%
February	2.5	2.3	1.7	1.9	2.3	0.0	4.35	1.4	2.3	0.9	3.2	0.7	2.2	0.8	33%
March	3.1	3.6	0.1	3.7	2.9	1.5	5.7	4.6	1.9	3.9	2.3	1.7	1.0	2.4	68%
April	3.1	3.2	2.8	3.4	6.2	3.2	1.59	6.5	2.5	1.3	1.5	2.9	1.3	1.7	53%
May	3.7	3.8	1.0	1.9	5.2	5.8	3.25	5.6	3.6	2.4	7.2	1.6	3.9	7.0	184%
June	3.9	4.4	9.7	3.5	4.3	4.6	0.6	4.0	3.6	5.2	1.5	3.9	3.8	1.3	29%
July	3.9	3.4	2.2	1.7	3.8	3.0	1.8	3.1	4.3	1.9	4.6	1.8	5.4	6.7	197%
August	3.5	3.1	1.3	2.8	3.5	2.1	3.3	3.4	5.2	2.6	3.7	1.0	2.3	2.1	68%
September	3.1	4.7	6.1	2.0	4.3	1.3	5.7	5.5	4.9	2.5	1.6	3.6	6.1	1.3	27%
October	3.2	3.0	4.3	4.1	1.2	2.7	0.65	3.9	4.3	5.1	5.17	1.65	0.6		0%
November	3.1	2.9	5.2	1.6	2.5	3.7	1.8	3.0	1.1	1.6	1.83	1.36	0.8		0%
December	2.5	2.6	0.7	2.8	1.4	5.0	2.0	3.6	1.55	1.5	3.02	2.46	1.5		0%
Totals to Date	**37.9**	**39.6**	**36.9**	**30.4**	**38.5**	**34.2**	**34.1**	**45.2**	**37.0**	**32.8**	**36.7**	**24.1**	**30.0**	**25.7**	**65%**

* Source: National Climate Data Center TD 9641 Clim 81

Table 3.2 Monthly Flow Totals

Avtex Site Lift Stations, Test Wells and Viscose Basin

July 2017

Lift Stations Flow Report		Test Wells Flow Report				Viscose Basin Flow Report			
Date	Total LS Flow (MGD)	Date	TW1 Flow (MGD)	TW2 Flow (MGD)	TW3 Flow (MGD)	Date	VB9 Flow (MGD)	VB10 Flow (MGD)	VB 11 Flow (MGD)
7/1/2017	0.001	7/1/2017	0.064	0.026	0.000	7/1/2017	0.000	0.003	0.003
7/2/2017	0.001	7/2/2017	0.064	0.026	0.000	7/2/2017	0.000	0.003	0.000
7/3/2017	0.001	7/3/2017	0.064	0.026	0.000	7/3/2017	0.000	0.002	0.002
7/4/2017	0.001	7/4/2017	0.064	0.026	0.000	7/4/2017	0.000	0.002	0.002
7/5/2017	0.001	7/5/2017	0.064	0.026	0.000	7/5/2017	0.001	0.003	0.002
7/6/2017	0.001	7/6/2017	0.064	0.026	0.000	7/6/2017	0.002	0.003	0.002
7/7/2017	0.001	7/7/2017	0.064	0.026	0.000	7/7/2017	0.003	0.003	0.002
7/8/2017	0.001	7/8/2017	0.064	0.026	0.000	7/8/2017	0.004	0.003	0.001
7/9/2017	0.000	7/9/2017	0.064	0.026	0.000	7/9/2017	0.006	0.003	0.000
7/10/2017	0.001	7/10/2017	0.064	0.026	0.000	7/10/2017	0.006	0.003	0.002
7/11/2017	0.001	7/11/2017	0.064	0.026	0.000	7/11/2017	0.001	0.003	0.002
7/12/2017	0.001	7/12/2017	0.064	0.026	0.000	7/12/2017	0.001	0.003	0.001
7/13/2017	0.001	7/13/2017	0.064	0.026	0.000	7/13/2017	0.001	0.001	0.000
7/14/2017	0.000	7/14/2017	0.060	0.013	0.000	7/14/2017	0.001	0.000	0.000
7/15/2017	0.000	7/15/2017	0.065	0.024	0.000	7/15/2017	0.001	0.000	0.000
7/16/2017	0.007	7/16/2017	0.065	0.027	0.000	7/16/2017	0.002	0.000	0.000
7/17/2017	0.007	7/17/2017	0.065	0.027	0.010	7/17/2017	0.003	0.000	0.000
7/18/2017	0.000	7/18/2017	0.065	0.026	0.010	7/18/2017	0.004	0.000	0.000
7/19/2017	0.000	7/19/2017	0.064	0.026	0.000	7/19/2017	0.005	0.000	0.000
7/20/2017	0.000	7/20/2017	0.064	0.026	0.000	7/20/2017	0.005	0.000	0.002
7/21/2017	0.000	7/21/2017	0.064	0.026	0.000	7/21/2017	0.005	0.000	0.002
7/22/2017	0.000	7/22/2017	0.059	0.024	0.000	7/22/2017	0.006	0.000	0.000
7/23/2017	0.000	7/23/2017	0.064	0.027	0.000	7/23/2017	0.006	0.000	0.000
7/24/2017	0.000	7/24/2017	0.064	0.026	0.000	7/24/2017	0.008	0.000	0.002
7/25/2017	0.000	7/25/2017	0.045	0.019	0.000	7/25/2017	0.010	0.000	0.002
7/26/2017	0.000	7/26/2017	0.058	0.025	0.000	7/26/2017	0.012	0.000	0.000
7/27/2017	0.000	7/27/2017	0.064	0.027	0.000	7/27/2017	0.014	0.000	0.000
7/28/2017	0.000	7/28/2017	0.046	0.025	0.000	7/28/2017	0.015	0.000	0.002
7/29/2017	0.000	7/29/2017	0.058	0.018	0.000	7/29/2017	0.004	0.000	0.002
7/30/2017	0.000	7/30/2017	0.064	0.000	0.000	7/30/2017	0.006	0.000	0.000
7/31/2017	0.000	7/31/2017	0.064	0.000	0.000	7/31/2017	0.008	0.000	0.000

Table 3.2 Monthly Flow Totals

Avtex Site Lift Stations, Test Wells and Viscose Basin

August 2017

Lift Stations Flow Report		Test Wells Flow Report				Viscose Basin Flow Report			
Date	Total LS Flow (MGD)	Date	TW1 Flow (MGD)	TW2 Flow (MGD)	TW3 Flow (MGD)	Date	VB9 Flow (MGD)	VB10 Flow (MGD)	VB 11 Flow (MGD)
8/1/2017	0.000	8/1/2017	0.064	0.004	0.001	8/1/2017	0.011	0.000	0.000
8/2/2017	0.004	8/2/2017	0.059	0.004	0.001	8/2/2017	0.013	0.000	0.002
8/3/2017	0.004	8/3/2017	0.065	0.000	0.000	8/3/2017	0.015	0.000	0.002
8/4/2017	0.000	8/4/2017	0.065	0.000	0.000	8/4/2017	0.016	0.000	0.000
8/5/2017	0.006	8/5/2017	0.065	0.000	0.000	8/5/2017	0.003	0.000	0.000
8/6/2017	0.006	8/6/2017	0.065	0.000	0.000	8/6/2017	0.004	0.000	0.000
8/7/2017	0.001	8/7/2017	0.065	0.000	0.000	8/7/2017	0.006	0.000	0.002
8/8/2017	0.001	8/8/2017	0.065	0.000	0.000	8/8/2017	0.008	0.000	0.002
8/9/2017	0.001	8/9/2017	0.065	0.000	0.000	8/9/2017	0.009	0.000	0.000
8/10/2017	0.001	8/10/2017	0.065	0.000	0.000	8/10/2017	0.002	0.000	0.000
8/11/2017	0.013	8/11/2017	0.065	0.000	0.000	8/11/2017	0.004	0.000	0.000
8/12/2017	0.013	8/12/2017	0.065	0.000	0.000	8/12/2017	0.006	0.000	0.000
8/13/2017	0.002	8/13/2017	0.065	0.000	0.000	8/13/2017	0.007	0.000	0.000
8/14/2017	0.009	8/14/2017	0.065	0.000	0.000	8/14/2017	0.008	0.000	0.002
8/15/2017	0.009	8/15/2017	0.059	0.000	0.000	8/15/2017	0.010	0.000	0.002
8/16/2017	0.008	8/16/2017	0.065	0.000	0.000	8/16/2017	0.012	0.000	0.000
8/17/2017	0.002	8/17/2017	0.059	0.000	0.000	8/17/2017	0.014	0.000	0.000
8/18/2017	0.001	8/18/2017	0.065	0.000	0.000	8/18/2017	0.014	0.000	0.002
8/19/2017	0.007	8/19/2017	0.065	0.000	0.000	8/19/2017	0.014	0.000	0.002
8/20/2017	0.007	8/20/2017	0.065	0.000	0.000	8/20/2017	0.014	0.000	0.000
8/21/2017	0.000	8/21/2017	0.065	0.000	0.000	8/21/2017	0.014	0.000	0.002
8/22/2017	0.003	8/22/2017	0.013	0.000	0.000	8/22/2017	0.014	0.000	0.002
8/23/2017	0.003	8/23/2017	0.000	0.000	0.000	8/23/2017	0.014	0.000	0.000
8/24/2017	0.005	8/24/2017	0.032	0.003	0.015	8/24/2017	0.014	0.000	0.000
8/25/2017	0.005	8/25/2017	0.059	0.004	0.025	8/25/2017	0.014	0.000	0.002
8/26/2017	0.002	8/26/2017	0.065	0.004	0.025	8/26/2017	0.014	0.000	0.002
8/27/2017	0.001	8/27/2017	0.065	0.000	0.000	8/27/2017	0.014	0.000	0.000
8/28/2017	0.007	8/28/2017	0.065	0.000	0.000	8/28/2017	0.015	0.000	0.002
8/29/2017	0.007	8/29/2017	0.059	0.000	0.000	8/29/2017	0.015	0.000	0.002
8/30/2017	0.001	8/30/2017	0.065	0.000	0.000	8/30/2017	0.015	0.000	0.000
8/31/2017	0.001	8/31/2017	0.065	0.000	0.000	8/31/2017	0.015	0.000	0.000

Table 3.2 Monthly Flow Totals

Avtex Site Lift Stations, Test Wells and Viscose Basin

September 2017

Lift Stations Flow Report			Test Wells Flow Report					Viscose Basin Flow Report			
Date	Total LS Flow (MGD)		Date	TW1 Flow (MGD)	TW2 Flow (MGD)	TW3 Flow (MGD)		Date	VB9 Flow (MGD)	VB10 Flow (MGD)	VB 11 Flow (MGD)
9/1/2017	0.007		9/1/2017	0.065	0.000	0.000		9/1/2017	0.015	0.000	0.002
9/2/2017	0.007		9/2/2017	0.065	0.000	0.000		9/2/2017	0.015	0.000	0.002
9/3/2017	0.001		9/3/2017	0.065	0.000	0.000		9/3/2017	0.015	0.000	0.000
9/4/2017	0.001		9/4/2017	0.065	0.000	0.000		9/4/2017	0.015	0.000	0.000
9/5/2017	0.007		9/5/2017	0.065	0.002	0.000		9/5/2017	0.015	0.000	0.002
9/6/2017	0.007		9/6/2017	0.065	0.002	0.000		9/6/2017	0.015	0.000	0.002
9/7/2017	0.001		9/7/2017	0.065	0.000	0.000		9/7/2017	0.015	0.000	0.000
9/8/2017	0.001		9/8/2017	0.065	0.000	0.000		9/8/2017	0.015	0.000	0.001
9/9/2017	0.007		9/9/2017	0.065	0.000	0.000		9/9/2017	0.015	0.000	0.001
9/10/2017	0.007		9/10/2017	0.065	0.000	0.000		9/10/2017	0.015	0.000	0.000
9/11/2017	0.001		9/11/2017	0.065	0.000	0.000		9/11/2017	0.015	0.000	0.000
9/12/2017	0.005		9/12/2017	0.065	0.002	0.000		9/12/2017	0.015	0.000	0.000
9/13/2017	0.005		9/13/2017	0.065	0.002	0.000		9/13/2017	0.015	0.000	0.000
9/14/2017	0.002		9/14/2017	0.065	0.000	0.000		9/14/2017	0.015	0.000	0.000
9/15/2017	0.001		9/15/2017	0.065	0.003	0.000		9/15/2017	0.015	0.000	0.002
9/16/2017	0.007		9/16/2017	0.065	0.003	0.000		9/16/2017	0.015	0.000	0.002
9/17/2017	0.007		9/17/2017	0.065	0.000	0.000		9/17/2017	0.015	0.000	0.000
9/18/2017	0.001		9/18/2017	0.065	0.002	0.000		9/18/2017	0.015	0.000	0.001
9/19/2017	0.001		9/19/2017	0.065	0.002	0.000		9/19/2017	0.015	0.000	0.001
9/20/2017	0.007		9/20/2017	0.065	0.000	0.000		9/20/2017	0.015	0.000	0.000
9/21/2017	0.007		9/21/2017	0.065	0.000	0.000		9/21/2017	0.015	0.000	0.000
9/22/2017	0.001		9/22/2017	0.065	0.011	0.000		9/22/2017	0.015	0.000	0.002
9/23/2017	0.001		9/23/2017	0.065	0.011	0.000		9/23/2017	0.015	0.000	0.002
9/24/2017	0.000		9/24/2017	0.065	0.000	0.000		9/24/2017	0.015	0.000	0.000
9/25/2017	0.001		9/25/2017	0.059	0.000	0.000		9/25/2017	0.015	0.000	0.001
9/26/2017	0.002		9/26/2017	0.065	0.000	0.000		9/26/2017	0.015	0.000	0.001
9/27/2017	0.002		9/27/2017	0.065	0.000	0.000		9/27/2017	0.015	0.000	0.000

FMC Corporation
2929 Walnut Street
Philadelphia, PA 19104
USA

215.299.6000
fmc.com

Transmitted via Email

September 8, 2017

Department of Environmental Quality - CO
Office of Remediation Program
P.O. Box 1105
Richmond, VA 23218

Re: Submission of Discharge Monitoring Report – August 2017
Avtex Fibers Superfund Site
Front Royal, Virginia

Dear Ms Payne:

In accordance with the Applicable or Relevant and Appropriate Requirements (ARARs) and Fact Sheet provided July 22, 2014, FMC Corporation (FMC) is submitting the Discharge Monitoring Report (DMR) for the month of August 2017. The permit is for the discharge from the Groundwater and Leachate Treatment Plant (GLTP) located at 404 Kendrick Lane, Front Royal, VA. Analysis of effluent concentrations yielded results within the allowable limits for all parameters.

Please do not hesitate to call if there are any questions.

Sincerely,

FMC Corporation

Brian M. McGinnis, P.E.
Manager, Environmental Remediation

cc: via Email
Brandon Kiracofe, DEQ
Jeffrey Thomas, USEPA
Heather Philip, Parsons

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

OMB No. 2040-004

NAME:	Avtex Fibers	NA		004		**DMR MAILING ZIP CODE:**							23218
ADDRESS:	404 Kendrick Lane	**PERMIT NUMBER**		**DISCHARGE NUMBER**									
	Front Royal, VA 22630					DESCRIPTION:							
		MONITORING PERIOD				GLTP EFFLUENT (OUTFALL 004)							
FACILITY:	AVTEX FIBERS	**YEAR**	**MO**	**DAY**		**YEAR**	**MO**	**DAY**		External Outfall			
LOCATION:	FRONT ROYAL, VA	**FROM** 17	08	01	TO	17	08	31				**No Discharge**	
ATTN:													

PARAMETER		QUANTITY OR LOADING VALUE	QUANTITY OR LOADING VALUE	UNITS	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	UNITS	**NO. EX**	FREQUENCY OF ANALYSIS	**SAMPLE TYPE**
FLOW	**SAMPLE MEASUREMENT**	0.062	0.097	MGD	*****	*****	*****		0	CONTINUOUS	TIRE
00056 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	REPORT MONTHLY AV	REPORT DAILY MAX		******	******	******			CONTINUOUS	TIRE
PH	**SAMPLE MEASUREMENT**	*****	*****		6.9	*****	7.5		0	CONTINUOUS	GRAB
00400 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	******	******		6.5 MINIMUM	******	9.0 MAXIMUM	SU		CONTINUOUS	GRAB
BOD, 5-DAY	**SAMPLE MEASUREMENT**	<QL	<QL		*****	<QL	<QL		0	1/7	8 HC
00318 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	36 MONTHLY AV	96 DAILY MAX	kg/d	******	24 MONTHLY AV	64 DAILY MX	mg/L		1/7	8 HC
SOLIDS, TOTAL SUSPENDED	**SAMPLE MEASUREMENT**	<QL	<QL		*****	<QL	<QL		0	1/7	8 HC
03603 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	60 MONTHLY AV	190 DAILY MAX	kg/d	******	40 MONTHLY AV	130 DAILY MX	mg/L		1/7	8 HC
CARBON DISULFIDE	**SAMPLE MEASUREMENT**	<QL	<QL		*****	<QL	<QL		0	1/30	8 HC
77041 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	NL MONTHLY AV	NL DAILY MAX	kg/d	******	NL MONTHLY AV	NL DAILY MX	mg/L		1/30	8 HC
WHOLE EFFLUENT TOXICITY - *Ceriodaphnia dubia*	**SAMPLE MEASUREMENT**	<1	<1		*****	<1	<1				8 HC
22414 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	*****	*****	TUa	*****	*****	*****	TUa		1/90	8 HC
WHOLE EFFLUENT TOXICITY - *Pimephales promelas*	**SAMPLE MEASUREMENT**	<1	<1		*****	<1	<1				8 HC
22414 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	*****	*****	TUa	*****	*****	*****	TUa		1/90	8 HC

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Brian McGinnis	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.	Brian M. McGinnis				
Manager, Environmental Remediation						
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	215	299-6047		
TYPED OR PRINTED			AREA	NUMBER	YEAR	MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

Attachment: pH compliance monitoring summary (monthly)

Carbon disulfide: No limit established; monitored monthly; 0.1 mg/L action level

Avtex Fibers
Front Royal, VA
Outfall 004
August 2017 DMR

pH Calculations:

Date And Time	pH	Date And Time	pH	Date And Time	pH
8/1/2017 12:00 AM	7.24	8/2/2017 12:00 AM	7.28	8/3/2017 12:00 AM	7.24
8/1/2017 12:15 AM	7.24	8/2/2017 12:15 AM	7.28	8/3/2017 12:15 AM	7.23
8/1/2017 12:30 AM		8/2/2017 12:30 AM	7.27	8/3/2017 12:30 AM	7.24
8/1/2017 12:45 AM		8/2/2017 12:45 AM	7.27	8/3/2017 12:45 AM	7.23
8/1/2017 1:00 AM	7.23	8/2/2017 1:00 AM	7.27	8/3/2017 1:00 AM	7.23
8/1/2017 1:15 AM	7.23	8/2/2017 1:15 AM	7.26	8/3/2017 1:15 AM	7.34
8/1/2017 1:30 AM	7.23	8/2/2017 1:30 AM	7.26	8/3/2017 1:30 AM	7.27
8/1/2017 1:45 AM	7.28	8/2/2017 1:45 AM	7.26	8/3/2017 1:45 AM	7.25
8/1/2017 2:00 AM	7.25	8/2/2017 2:00 AM	7.26	8/3/2017 2:00 AM	7.24
8/1/2017 2:15 AM	7.24	8/2/2017 2:15 AM	7.25	8/3/2017 2:15 AM	7.30
8/1/2017 2:30 AM	7.21	8/2/2017 2:30 AM	7.25	8/3/2017 2:30 AM	7.38
8/1/2017 2:45 AM	7.20	8/2/2017 2:45 AM	7.25	8/3/2017 2:45 AM	7.38
8/1/2017 3:00 AM	7.19	8/2/2017 3:00 AM	7.24	8/3/2017 3:00 AM	7.37
8/1/2017 3:15 AM	7.27	8/2/2017 3:15 AM	7.24	8/3/2017 3:15 AM	7.36
8/1/2017 3:30 AM	7.30	8/2/2017 3:30 AM	7.24	8/3/2017 3:30 AM	7.36
8/1/2017 3:45 AM	7.31	8/2/2017 3:45 AM	7.24	8/3/2017 3:45 AM	7.35
8/1/2017 4:00 AM	7.30	8/2/2017 4:00 AM	7.24	8/3/2017 4:00 AM	7.34
8/1/2017 4:15 AM	7.29	8/2/2017 4:15 AM	7.23	8/3/2017 4:15 AM	7.33
8/1/2017 4:30 AM	7.29	8/2/2017 4:30 AM	7.23	8/3/2017 4:30 AM	7.33
8/1/2017 4:45 AM	7.28	8/2/2017 4:45 AM	7.23	8/3/2017 4:45 AM	7.32
8/1/2017 5:00 AM	7.28	8/2/2017 5:00 AM	7.24	8/3/2017 5:00 AM	7.32
8/1/2017 5:15 AM	7.27	8/2/2017 5:15 AM	7.21	8/3/2017 5:15 AM	7.31
8/1/2017 5:30 AM	7.27	8/2/2017 5:30 AM	7.20	8/3/2017 5:30 AM	7.31
8/1/2017 5:45 AM	7.27	8/2/2017 5:45 AM	7.18	8/3/2017 5:45 AM	7.30
8/1/2017 6:00 AM	7.27	8/2/2017 6:00 AM	7.17	8/3/2017 6:00 AM	7.30
8/1/2017 6:15 AM	7.26	8/2/2017 6:15 AM	7.16	8/3/2017 6:15 AM	7.29
8/1/2017 6:30 AM	7.26	8/2/2017 6:30 AM	7.16	8/3/2017 6:30 AM	7.29
8/1/2017 6:45 AM	7.26	8/2/2017 6:45 AM	7.16	8/3/2017 6:45 AM	7.29
8/1/2017 7:00 AM	7.26	8/2/2017 7:00 AM	7.24	8/3/2017 7:00 AM	7.28
8/1/2017 7:15 AM	7.26	8/2/2017 7:15 AM	7.22	8/3/2017 7:15 AM	7.28
8/1/2017 7:30 AM	7.25	8/2/2017 7:30 AM	7.18	8/3/2017 7:30 AM	7.28
8/1/2017 7:45 AM	7.26	8/2/2017 7:45 AM	7.17	8/3/2017 7:45 AM	7.29
8/1/2017 8:00 AM	7.28	8/2/2017 8:00 AM	7.14	8/3/2017 8:00 AM	7.31
8/1/2017 8:15 AM	7.30	8/2/2017 8:15 AM	7.29	8/3/2017 8:15 AM	7.25
8/1/2017 8:30 AM	7.32	8/2/2017 8:30 AM	7.32	8/3/2017 8:30 AM	7.23
8/1/2017 8:45 AM		8/2/2017 8:45 AM	7.32	8/3/2017 8:45 AM	7.22
8/1/2017 9:00 AM		8/2/2017 9:00 AM	7.32	8/3/2017 9:00 AM	7.22
8/1/2017 9:15 AM		8/2/2017 9:15 AM	7.32	8/3/2017 9:15 AM	7.21
8/1/2017 9:30 AM	7.31	8/2/2017 9:30 AM	7.33	8/3/2017 9:30 AM	7.21
8/1/2017 9:45 AM	7.31	8/2/2017 9:45 AM	7.34	8/3/2017 9:45 AM	7.26
8/1/2017 10:00 AM	7.30	8/2/2017 10:00 AM	7.34	8/3/2017 10:00 AM	7.37
8/1/2017 10:15 AM	7.30	8/2/2017 10:15 AM	7.34	8/3/2017 10:15 AM	7.25
8/1/2017 10:30 AM	7.30	8/2/2017 10:30 AM	7.34	8/3/2017 10:30 AM	7.24
8/1/2017 10:45 AM	7.30	8/2/2017 10:45 AM	7.32	8/3/2017 10:45 AM	7.23
8/1/2017 11:00 AM	7.29	8/2/2017 11:00 AM	7.30	8/3/2017 11:00 AM	7.25

8/1/2017 11:15 AM	7.25	8/2/2017 11:15 AM	7.29	8/3/2017 11:15 AM	7.39
8/1/2017 11:30 AM	7.24	8/2/2017 11:30 AM	7.30	8/3/2017 11:30 AM	7.41
8/1/2017 11:45 AM	7.20	8/2/2017 11:45 AM	7.31	8/3/2017 11:45 AM	7.42
8/1/2017 12:00 PM	7.18	8/2/2017 12:00 PM	7.31	8/3/2017 12:00 PM	7.42
8/1/2017 12:15 PM	7.15	8/2/2017 12:15 PM	7.32	8/3/2017 12:15 PM	7.42
8/1/2017 12:30 PM	7.30	8/2/2017 12:30 PM	7.32	8/3/2017 12:30 PM	7.42
8/1/2017 12:45 PM	7.35	8/2/2017 12:45 PM	7.31	8/3/2017 12:45 PM	7.41
8/1/2017 1:00 PM	7.35	8/2/2017 1:00 PM	7.31	8/3/2017 1:00 PM	7.40
8/1/2017 1:15 PM	7.35	8/2/2017 1:15 PM	7.30	8/3/2017 1:15 PM	7.41
8/1/2017 1:30 PM	7.35	8/2/2017 1:30 PM	7.30	8/3/2017 1:30 PM	7.38
8/1/2017 1:45 PM	7.33	8/2/2017 1:45 PM	7.30	8/3/2017 1:45 PM	7.40
8/1/2017 2:00 PM	7.34	8/2/2017 2:00 PM	7.30	8/3/2017 2:00 PM	7.44
8/1/2017 2:15 PM	7.32	8/2/2017 2:15 PM	7.39	8/3/2017 2:15 PM	7.39
8/1/2017 2:30 PM	7.32	8/2/2017 2:30 PM	7.34	8/3/2017 2:30 PM	7.35
8/1/2017 2:45 PM	7.32	8/2/2017 2:45 PM	7.28	8/3/2017 2:45 PM	7.32
8/1/2017 3:00 PM	7.27	8/2/2017 3:00 PM	7.25	8/3/2017 3:00 PM	7.30
8/1/2017 3:15 PM	7.24	8/2/2017 3:15 PM	7.25	8/3/2017 3:15 PM	7.30
8/1/2017 3:30 PM	7.22	8/2/2017 3:30 PM	7.24	8/3/2017 3:30 PM	7.30
8/1/2017 3:45 PM	7.21	8/2/2017 3:45 PM	7.24	8/3/2017 3:45 PM	7.34
8/1/2017 4:00 PM	7.21	8/2/2017 4:00 PM	7.26	8/3/2017 4:00 PM	7.39
8/1/2017 4:15 PM	7.20	8/2/2017 4:15 PM	7.30	8/3/2017 4:15 PM	7.33
8/1/2017 4:30 PM	7.19	8/2/2017 4:30 PM	7.26	8/3/2017 4:30 PM	7.31
8/1/2017 4:45 PM	7.19	8/2/2017 4:45 PM	7.24	8/3/2017 4:45 PM	7.31
8/1/2017 5:00 PM	7.19	8/2/2017 5:00 PM	7.28	8/3/2017 5:00 PM	7.31
8/1/2017 5:15 PM	7.19	8/2/2017 5:15 PM	7.35	8/3/2017 5:15 PM	7.31
8/1/2017 5:30 PM	7.19	8/2/2017 5:30 PM	7.37	8/3/2017 5:30 PM	7.31
8/1/2017 5:45 PM	7.19	8/2/2017 5:45 PM	7.39	8/3/2017 5:45 PM	7.31
8/1/2017 6:00 PM	7.19	8/2/2017 6:00 PM	7.38	8/3/2017 6:00 PM	7.33
8/1/2017 6:15 PM	7.18	8/2/2017 6:15 PM	7.37	8/3/2017 6:15 PM	7.45
8/1/2017 6:30 PM	7.19	8/2/2017 6:30 PM	7.37	8/3/2017 6:30 PM	7.35
8/1/2017 6:45 PM	7.19	8/2/2017 6:45 PM	7.36	8/3/2017 6:45 PM	7.34
8/1/2017 7:00 PM	7.19	8/2/2017 7:00 PM	7.34	8/3/2017 7:00 PM	7.33
8/1/2017 7:15 PM	7.19	8/2/2017 7:15 PM	7.31	8/3/2017 7:15 PM	7.33
8/1/2017 7:30 PM	7.18	8/2/2017 7:30 PM	7.34	8/3/2017 7:30 PM	7.33
8/1/2017 7:45 PM	7.18	8/2/2017 7:45 PM	7.32	8/3/2017 7:45 PM	7.33
8/1/2017 8:00 PM	7.17	8/2/2017 8:00 PM	7.30	8/3/2017 8:00 PM	7.34
8/1/2017 8:15 PM	7.16	8/2/2017 8:15 PM	7.27	8/3/2017 8:15 PM	7.36
8/1/2017 8:30 PM	7.15	8/2/2017 8:30 PM	7.25	8/3/2017 8:30 PM	7.48
8/1/2017 8:45 PM	7.15	8/2/2017 8:45 PM	7.28	8/3/2017 8:45 PM	7.39
8/1/2017 9:00 PM	7.15	8/2/2017 9:00 PM	7.27	8/3/2017 9:00 PM	7.36
8/1/2017 9:15 PM	7.15	8/2/2017 9:15 PM	7.24	8/3/2017 9:15 PM	7.41
8/1/2017 9:30 PM	7.32	8/2/2017 9:30 PM	7.23	8/3/2017 9:30 PM	7.50
8/1/2017 9:45 PM	7.30	8/2/2017 9:45 PM	7.24	8/3/2017 9:45 PM	7.50
8/1/2017 10:00 PM	7.25	8/2/2017 10:00 PM	7.25	8/3/2017 10:00 PM	7.49
8/1/2017 10:15 PM	7.21	8/2/2017 10:15 PM	7.25	8/3/2017 10:15 PM	7.48
8/1/2017 10:30 PM	7.21	8/2/2017 10:30 PM	7.25	8/3/2017 10:30 PM	7.47
8/1/2017 10:45 PM	7.27	8/2/2017 10:45 PM	7.25	8/3/2017 10:45 PM	7.46
8/1/2017 11:00 PM	7.28	8/2/2017 11:00 PM	7.33	8/3/2017 11:00 PM	7.45
8/1/2017 11:15 PM	7.28	8/2/2017 11:15 PM	7.32	8/3/2017 11:15 PM	7.44
8/1/2017 11:30 PM	7.28	8/2/2017 11:30 PM	7.28	8/3/2017 11:30 PM	7.44
8/1/2017 11:45 PM	7.28	8/2/2017 11:45 PM	7.26	8/3/2017 11:45 PM	7.43
AVG	7.25	AVG	7.28	AVG	7.34

Note: Communications loss on 8/1/2017 at 12:30AM and from 8:45-9:15AM data for this time is not included in the average.

Date And Time	pH	Date And Time	pH	Date And Time	pH
8/4/2017 12:00 AM	7.43	8/5/2017 12:00 AM	7.41	8/6/2017 12:00 AM	7.24
8/4/2017 12:15 AM	7.42	8/5/2017 12:15 AM	7.41	8/6/2017 12:15 AM	7.23
8/4/2017 12:30 AM	7.42	8/5/2017 12:30 AM	7.41	8/6/2017 12:30 AM	7.24
8/4/2017 12:45 AM	7.41	8/5/2017 12:45 AM	7.40	8/6/2017 12:45 AM	7.37
8/4/2017 1:00 AM	7.41	8/5/2017 1:00 AM	7.40	8/6/2017 1:00 AM	7.39
8/4/2017 1:15 AM	7.40	8/5/2017 1:15 AM	7.39	8/6/2017 1:15 AM	7.38
8/4/2017 1:30 AM	7.40	8/5/2017 1:30 AM	7.38	8/6/2017 1:30 AM	7.37
8/4/2017 1:45 AM	7.40	8/5/2017 1:45 AM	7.37	8/6/2017 1:45 AM	7.36
8/4/2017 2:00 AM	7.41	8/5/2017 2:00 AM	7.37	8/6/2017 2:00 AM	7.35
8/4/2017 2:15 AM	7.36	8/5/2017 2:15 AM	7.36	8/6/2017 2:15 AM	7.34
8/4/2017 2:30 AM	7.35	8/5/2017 2:30 AM	7.36	8/6/2017 2:30 AM	7.33
8/4/2017 2:45 AM	7.34	8/5/2017 2:45 AM	7.36	8/6/2017 2:45 AM	7.32
8/4/2017 3:00 AM	7.34	8/5/2017 3:00 AM	7.37	8/6/2017 3:00 AM	7.32
8/4/2017 3:15 AM	7.34	8/5/2017 3:15 AM	7.38	8/6/2017 3:15 AM	7.32
8/4/2017 3:30 AM	7.37	8/5/2017 3:30 AM	7.38	8/6/2017 3:30 AM	7.31
8/4/2017 3:45 AM	7.47	8/5/2017 3:45 AM	7.38	8/6/2017 3:45 AM	7.31
8/4/2017 4:00 AM	7.49	8/5/2017 4:00 AM	7.38	8/6/2017 4:00 AM	7.30
8/4/2017 4:15 AM	7.48	8/5/2017 4:15 AM	7.38	8/6/2017 4:15 AM	7.30
8/4/2017 4:30 AM	7.47	8/5/2017 4:30 AM	7.39	8/6/2017 4:30 AM	7.30
8/4/2017 4:45 AM	7.46	8/5/2017 4:45 AM	7.38	8/6/2017 4:45 AM	7.29
8/4/2017 5:00 AM	7.45	8/5/2017 5:00 AM	7.35	8/6/2017 5:00 AM	7.27
8/4/2017 5:15 AM	7.44	8/5/2017 5:15 AM	7.33	8/6/2017 5:15 AM	7.24
8/4/2017 5:30 AM	7.43	8/5/2017 5:30 AM	7.31	8/6/2017 5:30 AM	7.35
8/4/2017 5:45 AM	7.43	8/5/2017 5:45 AM	7.30	8/6/2017 5:45 AM	7.36
8/4/2017 6:00 AM	7.42	8/5/2017 6:00 AM	7.30	8/6/2017 6:00 AM	7.36
8/4/2017 6:15 AM	7.41	8/5/2017 6:15 AM	7.29	8/6/2017 6:15 AM	7.35
8/4/2017 6:30 AM	7.40	8/5/2017 6:30 AM	7.27	8/6/2017 6:30 AM	7.34
8/4/2017 6:45 AM	7.36	8/5/2017 6:45 AM	7.39	8/6/2017 6:45 AM	7.33
8/4/2017 7:00 AM	7.34	8/5/2017 7:00 AM	7.40	8/6/2017 7:00 AM	7.32
8/4/2017 7:15 AM	7.34	8/5/2017 7:15 AM	7.40	8/6/2017 7:15 AM	7.32
8/4/2017 7:30 AM	7.33	8/5/2017 7:30 AM	7.40	8/6/2017 7:30 AM	7.32
8/4/2017 7:45 AM	7.34	8/5/2017 7:45 AM	7.39	8/6/2017 7:45 AM	7.31
8/4/2017 8:00 AM	7.47	8/5/2017 8:00 AM	7.39	8/6/2017 8:00 AM	7.30
8/4/2017 8:15 AM	7.49	8/5/2017 8:15 AM	7.41	8/6/2017 8:15 AM	7.24
8/4/2017 8:30 AM	7.49	8/5/2017 8:30 AM	7.44	8/6/2017 8:30 AM	7.23
8/4/2017 8:45 AM	7.49	8/5/2017 8:45 AM	7.43	8/6/2017 8:45 AM	7.22
8/4/2017 9:00 AM	7.48	8/5/2017 9:00 AM	7.39	8/6/2017 9:00 AM	7.22
8/4/2017 9:15 AM	7.48	8/5/2017 9:15 AM	7.36	8/6/2017 9:15 AM	7.22
8/4/2017 9:30 AM	7.48	8/5/2017 9:30 AM	7.35	8/6/2017 9:30 AM	7.30
8/4/2017 9:45 AM	7.47	8/5/2017 9:45 AM	7.31	8/6/2017 9:45 AM	7.37
8/4/2017 10:00 AM	7.45	8/5/2017 10:00 AM	7.29	8/6/2017 10:00 AM	7.38
8/4/2017 10:15 AM	7.45	8/5/2017 10:15 AM	7.28	8/6/2017 10:15 AM	7.37
8/4/2017 10:30 AM	7.45	8/5/2017 10:30 AM	7.27	8/6/2017 10:30 AM	7.36
8/4/2017 10:45 AM	7.45	8/5/2017 10:45 AM	7.27	8/6/2017 10:45 AM	7.37
8/4/2017 11:00 AM	7.44	8/5/2017 11:00 AM	7.32	8/6/2017 11:00 AM	7.38
8/4/2017 11:15 AM	7.43	8/5/2017 11:15 AM	7.39	8/6/2017 11:15 AM	7.39
8/4/2017 11:30 AM	7.40	8/5/2017 11:30 AM	7.41	8/6/2017 11:30 AM	7.40
8/4/2017 11:45 AM	7.36	8/5/2017 11:45 AM	7.43	8/6/2017 11:45 AM	7.40
8/4/2017 12:00 PM	7.34	8/5/2017 12:00 PM	7.44	8/6/2017 12:00 PM	7.40
8/4/2017 12:15 PM	7.34	8/5/2017 12:15 PM	7.45	8/6/2017 12:15 PM	7.39
8/4/2017 12:30 PM	7.47	8/5/2017 12:30 PM	7.44	8/6/2017 12:30 PM	7.40
8/4/2017 12:45 PM	7.50	8/5/2017 12:45 PM	7.44	8/6/2017 12:45 PM	7.37
8/4/2017 1:00 PM	7.49	8/5/2017 1:00 PM	7.45	8/6/2017 1:00 PM	7.35
8/4/2017 1:15 PM	7.49	8/5/2017 1:15 PM	7.45	8/6/2017 1:15 PM	7.31
8/4/2017 1:30 PM	7.48	8/5/2017 1:30 PM	7.44	8/6/2017 1:30 PM	7.29
8/4/2017 1:45 PM	7.47	8/5/2017 1:45 PM	7.43	8/6/2017 1:45 PM	7.28
8/4/2017 2:00 PM	7.47	8/5/2017 2:00 PM	7.42	8/6/2017 2:00 PM	7.27
8/4/2017 2:15 PM	7.45	8/5/2017 2:15 PM	7.38	8/6/2017 2:15 PM	7.26
8/4/2017 2:30 PM	7.44	8/5/2017 2:30 PM	7.36	8/6/2017 2:30 PM	7.27
8/4/2017 2:45 PM	7.43	8/5/2017 2:45 PM	7.33	8/6/2017 2:45 PM	7.36
8/4/2017 3:00 PM	7.42	8/5/2017 3:00 PM	7.26	8/6/2017 3:00 PM	7.29
8/4/2017 3:15 PM	7.40	8/5/2017 3:15 PM	7.36	8/6/2017 3:15 PM	7.27
8/4/2017 3:30 PM	7.37	8/5/2017 3:30 PM	7.38	8/6/2017 3:30 PM	7.26
8/4/2017 3:45 PM	7.36	8/5/2017 3:45 PM	7.39	8/6/2017 3:45 PM	7.36
8/4/2017 4:00 PM	7.35	8/5/2017 4:00 PM	7.40	8/6/2017 4:00 PM	7.40
8/4/2017 4:15 PM	7.34	8/5/2017 4:15 PM	7.40	8/6/2017 4:15 PM	7.40
8/4/2017 4:30 PM	7.34	8/5/2017 4:30 PM	7.40	8/6/2017 4:30 PM	7.41
8/4/2017 4:45 PM	7.34	8/5/2017 4:45 PM	7.39	8/6/2017 4:45 PM	7.42
8/4/2017 5:00 PM	7.48	8/5/2017 5:00 PM	7.39	8/6/2017 5:00 PM	7.39
8/4/2017 5:15 PM	7.46	8/5/2017 5:15 PM	7.38	8/6/2017 5:15 PM	7.33
8/4/2017 5:30 PM	7.41	8/5/2017 5:30 PM	7.37	8/6/2017 5:30 PM	7.31
8/4/2017 5:45 PM	7.38	8/5/2017 5:45 PM	7.37	8/6/2017 5:45 PM	7.30
8/4/2017 6:00 PM	7.36	8/5/2017 6:00 PM	7.36	8/6/2017 6:00 PM	7.29
8/4/2017 6:15 PM	7.32	8/5/2017 6:15 PM	7.39	8/6/2017 6:15 PM	7.33
8/4/2017 6:30 PM	7.44	8/5/2017 6:30 PM	7.35	8/6/2017 6:30 PM	7.38
8/4/2017 6:45 PM	7.48	8/5/2017 6:45 PM	7.32	8/6/2017 6:45 PM	7.38
8/4/2017 7:00 PM	7.48	8/5/2017 7:00 PM	7.31	8/6/2017 7:00 PM	7.37

8/4/2017 7:15 PM	7.47	8/5/2017 7:15 PM	7.29	8/6/2017 7:15 PM	7.37
8/4/2017 7:30 PM	7.46	8/5/2017 7:30 PM	7.27	8/6/2017 7:30 PM	7.37
8/4/2017 7:45 PM	7.44	8/5/2017 7:45 PM	7.27	8/6/2017 7:45 PM	7.37
8/4/2017 8:00 PM	7.43	8/5/2017 8:00 PM	7.28	8/6/2017 8:00 PM	7.36
8/4/2017 8:15 PM	7.41	8/5/2017 8:15 PM	7.36	8/6/2017 8:15 PM	7.35
8/4/2017 8:30 PM	7.39	8/5/2017 8:30 PM	7.37	8/6/2017 8:30 PM	7.34
8/4/2017 8:45 PM	7.36	8/5/2017 8:45 PM	7.37	8/6/2017 8:45 PM	7.34
8/4/2017 9:00 PM	7.35	8/5/2017 9:00 PM	7.36	8/6/2017 9:00 PM	7.34
8/4/2017 9:15 PM	7.35	8/5/2017 9:15 PM	7.36	8/6/2017 9:15 PM	7.33
8/4/2017 9:30 PM	7.36	8/5/2017 9:30 PM	7.35	8/6/2017 9:30 PM	7.32
8/4/2017 9:45 PM	7.44	8/5/2017 9:45 PM	7.34	8/6/2017 9:45 PM	7.32
8/4/2017 10:00 PM	7.45	8/5/2017 10:00 PM	7.34	8/6/2017 10:00 PM	7.32
8/4/2017 10:15 PM	7.45	8/5/2017 10:15 PM	7.33	8/6/2017 10:15 PM	7.31
8/4/2017 10:30 PM	7.44	8/5/2017 10:30 PM	7.32	8/6/2017 10:30 PM	7.31
8/4/2017 10:45 PM	7.43	8/5/2017 10:45 PM	7.32	8/6/2017 10:45 PM	7.31
8/4/2017 11:00 PM	7.42	8/5/2017 11:00 PM	7.30	8/6/2017 11:00 PM	7.31
8/4/2017 11:15 PM	7.42	8/5/2017 11:15 PM	7.26	8/6/2017 11:15 PM	7.30
8/4/2017 11:30 PM	7.42	8/5/2017 11:30 PM	7.25	8/6/2017 11:30 PM	7.30
8/4/2017 11:45 PM	7.42	8/5/2017 11:45 PM	7.24	8/6/2017 11:45 PM	7.30
AVG	7.42	AVG	7.36	AVG	7.33

Date And Time	pH	Date And Time	pH	Date And Time	pH
8/7/2017 12:00 AM	7.29	8/8/2017 12:00 AM	7.30	8/9/2017 12:00 AM	7.21
8/7/2017 12:15 AM	7.29	8/8/2017 12:15 AM	7.30	8/9/2017 12:15 AM	7.21
8/7/2017 12:30 AM	7.29	8/8/2017 12:30 AM	7.28	8/9/2017 12:30 AM	7.20
8/7/2017 12:45 AM	7.29	8/8/2017 12:45 AM	7.23	8/9/2017 12:45 AM	7.35
8/7/2017 1:00 AM	7.28	8/8/2017 1:00 AM	7.22	8/9/2017 1:00 AM	7.36
8/7/2017 1:15 AM	7.28	8/8/2017 1:15 AM	7.21	8/9/2017 1:15 AM	7.36
8/7/2017 1:30 AM	7.28	8/8/2017 1:30 AM	7.20	8/9/2017 1:30 AM	7.35
8/7/2017 1:45 AM	7.28	8/8/2017 1:45 AM	7.19	8/9/2017 1:45 AM	7.34
8/7/2017 2:00 AM	7.30	8/8/2017 2:00 AM	7.33	8/9/2017 2:00 AM	7.33
8/7/2017 2:15 AM	7.27	8/8/2017 2:15 AM	7.35	8/9/2017 2:15 AM	7.32
8/7/2017 2:30 AM	7.26	8/8/2017 2:30 AM	7.35	8/9/2017 2:30 AM	7.31
8/7/2017 2:45 AM	7.24	8/8/2017 2:45 AM	7.34	8/9/2017 2:45 AM	7.30
8/7/2017 3:00 AM	7.24	8/8/2017 3:00 AM	7.33	8/9/2017 3:00 AM	7.30
8/7/2017 3:15 AM	7.23	8/8/2017 3:15 AM	7.32	8/9/2017 3:15 AM	7.29
8/7/2017 3:30 AM	7.16	8/8/2017 3:30 AM	7.31	8/9/2017 3:30 AM	7.29
8/7/2017 3:45 AM	7.33	8/8/2017 3:45 AM	7.31	8/9/2017 3:45 AM	7.28
8/7/2017 4:00 AM	7.36	8/8/2017 4:00 AM	7.30	8/9/2017 4:00 AM	7.28
8/7/2017 4:15 AM	7.37	8/8/2017 4:15 AM	7.30	8/9/2017 4:15 AM	7.28
8/7/2017 4:30 AM	7.36	8/8/2017 4:30 AM	7.29	8/9/2017 4:30 AM	7.27
8/7/2017 4:45 AM	7.35	8/8/2017 4:45 AM	7.29	8/9/2017 4:45 AM	7.27
8/7/2017 5:00 AM	7.34	8/8/2017 5:00 AM	7.27	8/9/2017 5:00 AM	7.27
8/7/2017 5:15 AM	7.33	8/8/2017 5:15 AM	7.22	8/9/2017 5:15 AM	7.26
8/7/2017 5:30 AM	7.32	8/8/2017 5:30 AM	7.20	8/9/2017 5:30 AM	7.26
8/7/2017 5:45 AM	7.32	8/8/2017 5:45 AM	7.19	8/9/2017 5:45 AM	7.26
8/7/2017 6:00 AM	7.31	8/8/2017 6:00 AM	7.19	8/9/2017 6:00 AM	7.26
8/7/2017 6:15 AM	7.31	8/8/2017 6:15 AM	7.19	8/9/2017 6:15 AM	7.26
8/7/2017 6:30 AM	7.29	8/8/2017 6:30 AM	7.20	8/9/2017 6:30 AM	7.26
8/7/2017 6:45 AM	7.24	8/8/2017 6:45 AM	7.34	8/9/2017 6:45 AM	7.25
8/7/2017 7:00 AM	7.23	8/8/2017 7:00 AM	7.35	8/9/2017 7:00 AM	7.25
8/7/2017 7:15 AM	7.22	8/8/2017 7:15 AM	7.35	8/9/2017 7:15 AM	7.25
8/7/2017 7:30 AM	7.21	8/8/2017 7:30 AM	7.33	8/9/2017 7:30 AM	7.24
8/7/2017 7:45 AM	7.21	8/8/2017 7:45 AM	7.32	8/9/2017 7:45 AM	7.24
8/7/2017 8:00 AM	7.21	8/8/2017 8:00 AM	7.31	8/9/2017 8:00 AM	7.28
8/7/2017 8:15 AM	7.21	8/8/2017 8:15 AM	7.31	8/9/2017 8:15 AM	7.21
8/7/2017 8:30 AM	7.32	8/8/2017 8:30 AM	7.30	8/9/2017 8:30 AM	7.20
8/7/2017 8:45 AM	7.29	8/8/2017 8:45 AM	7.30	8/9/2017 8:45 AM	7.19
8/7/2017 9:00 AM	7.24	8/8/2017 9:00 AM	7.29	8/9/2017 9:00 AM	7.18
8/7/2017 9:15 AM	7.23	8/8/2017 9:15 AM	7.29	8/9/2017 9:15 AM	7.18
8/7/2017 9:30 AM	7.22	8/8/2017 9:30 AM	7.27	8/9/2017 9:30 AM	7.27
8/7/2017 9:45 AM	7.36	8/8/2017 9:45 AM	7.21	8/9/2017 9:45 AM	7.35
8/7/2017 10:00 AM	7.39	8/8/2017 10:00 AM	7.20	8/9/2017 10:00 AM	7.35
8/7/2017 10:15 AM	7.39	8/8/2017 10:15 AM	7.19	8/9/2017 10:15 AM	7.34
8/7/2017 10:30 AM	7.37	8/8/2017 10:30 AM	7.18	8/9/2017 10:30 AM	7.34
8/7/2017 10:45 AM	7.36	8/8/2017 10:45 AM	7.18	8/9/2017 10:45 AM	7.34
8/7/2017 11:00 AM	7.35	8/8/2017 11:00 AM	7.29	8/9/2017 11:00 AM	7.35
8/7/2017 11:15 AM	7.34	8/8/2017 11:15 AM	7.34	8/9/2017 11:15 AM	7.35
8/7/2017 11:30 AM	7.33	8/8/2017 11:30 AM	7.35	8/9/2017 11:30 AM	7.36
8/7/2017 11:45 AM	7.32	8/8/2017 11:45 AM	7.35	8/9/2017 11:45 AM	7.36
8/7/2017 12:00 PM	7.32	8/8/2017 12:00 PM	7.36	8/9/2017 12:00 PM	7.37
8/7/2017 12:15 PM	7.31	8/8/2017 12:15 PM	7.36	8/9/2017 12:15 PM	7.38
8/7/2017 12:30 PM	7.31	8/8/2017 12:30 PM	7.36	8/9/2017 12:30 PM	7.40
8/7/2017 12:45 PM	7.31	8/8/2017 12:45 PM	7.36	8/9/2017 12:45 PM	7.33
8/7/2017 1:00 PM	7.30	8/8/2017 1:00 PM	7.37	8/9/2017 1:00 PM	7.31
8/7/2017 1:15 PM	7.30	8/8/2017 1:15 PM	7.38	8/9/2017 1:15 PM	7.27
8/7/2017 1:30 PM	7.30	8/8/2017 1:30 PM	7.36	8/9/2017 1:30 PM	7.22
8/7/2017 1:45 PM	7.30	8/8/2017 1:45 PM	7.35	8/9/2017 1:45 PM	7.33
8/7/2017 2:00 PM	7.30	8/8/2017 2:00 PM	7.35	8/9/2017 2:00 PM	7.38
8/7/2017 2:15 PM	7.30	8/8/2017 2:15 PM	7.29	8/9/2017 2:15 PM	7.40
8/7/2017 2:30 PM	7.30	8/8/2017 2:30 PM	7.28	8/9/2017 2:30 PM	7.40
8/7/2017 2:45 PM	7.31	8/8/2017 2:45 PM	7.24	8/9/2017 2:45 PM	7.39
8/7/2017 3:00 PM	7.33	8/8/2017 3:00 PM	7.22	8/9/2017 3:00 PM	7.39
8/7/2017 3:15 PM	7.35	8/8/2017 3:15 PM	7.26	8/9/2017 3:15 PM	7.36
8/7/2017 3:30 PM	7.35	8/8/2017 3:30 PM	7.32	8/9/2017 3:30 PM	7.32
8/7/2017 3:45 PM	7.35	8/8/2017 3:45 PM	7.33	8/9/2017 3:45 PM	7.29
8/7/2017 4:00 PM	7.34	8/8/2017 4:00 PM	7.33	8/9/2017 4:00 PM	7.27
8/7/2017 4:15 PM	7.31	8/8/2017 4:15 PM	7.35	8/9/2017 4:15 PM	7.26
8/7/2017 4:30 PM	7.30	8/8/2017 4:30 PM	7.35	8/9/2017 4:30 PM	7.25
8/7/2017 4:45 PM	7.30	8/8/2017 4:45 PM	7.34	8/9/2017 4:45 PM	7.23
8/7/2017 5:00 PM	7.29	8/8/2017 5:00 PM	7.32	8/9/2017 5:00 PM	7.32
8/7/2017 5:15 PM	7.29	8/8/2017 5:15 PM	7.31	8/9/2017 5:15 PM	7.34
8/7/2017 5:30 PM	7.28	8/8/2017 5:30 PM	7.33	8/9/2017 5:30 PM	7.29
8/7/2017 5:45 PM	7.28	8/8/2017 5:45 PM	7.35	8/9/2017 5:45 PM	7.22
8/7/2017 6:00 PM	7.28	8/8/2017 6:00 PM	7.32	8/9/2017 6:00 PM	7.28
8/7/2017 6:15 PM	7.27	8/8/2017 6:15 PM	7.34	8/9/2017 6:15 PM	7.30
8/7/2017 6:30 PM	7.27	8/8/2017 6:30 PM	7.32	8/9/2017 6:30 PM	7.32
8/7/2017 6:45 PM	7.29	8/8/2017 6:45 PM	7.30	8/9/2017 6:45 PM	7.34
8/7/2017 7:00 PM	7.30	8/8/2017 7:00 PM	7.27	8/9/2017 7:00 PM	7.34

8/7/2017 7:15 PM	7.31	8/8/2017 7:15 PM	7.24	8/9/2017 7:15 PM	7.33
8/7/2017 7:30 PM	7.29	8/8/2017 7:30 PM	7.22	8/9/2017 7:30 PM	7.32
8/7/2017 7:45 PM	7.29	8/8/2017 7:45 PM	7.20	8/9/2017 7:45 PM	7.30
8/7/2017 8:00 PM	7.27	8/8/2017 8:00 PM	7.29	8/9/2017 8:00 PM	7.28
8/7/2017 8:15 PM	7.26	8/8/2017 8:15 PM	7.31	8/9/2017 8:15 PM	7.28
8/7/2017 8:30 PM	7.24	8/8/2017 8:30 PM	7.31	8/9/2017 8:30 PM	7.27
8/7/2017 8:45 PM	7.23	8/8/2017 8:45 PM	7.30	8/9/2017 8:45 PM	7.26
8/7/2017 9:00 PM	7.22	8/8/2017 9:00 PM	7.30	8/9/2017 9:00 PM	7.26
8/7/2017 9:15 PM	7.20	8/8/2017 9:15 PM	7.29	8/9/2017 9:15 PM	7.25
8/7/2017 9:30 PM	7.33	8/8/2017 9:30 PM	7.24	8/9/2017 9:30 PM	7.25
8/7/2017 9:45 PM	7.35	8/8/2017 9:45 PM	7.22	8/9/2017 9:45 PM	7.25
8/7/2017 10:00 PM	7.35	8/8/2017 10:00 PM	7.29	8/9/2017 10:00 PM	7.25
8/7/2017 10:15 PM	7.35	8/8/2017 10:15 PM	7.32	8/9/2017 10:15 PM	7.25
8/7/2017 10:30 PM	7.34	8/8/2017 10:30 PM	7.32	8/9/2017 10:30 PM	7.25
8/7/2017 10:45 PM	7.33	8/8/2017 10:45 PM	7.32	8/9/2017 10:45 PM	7.23
8/7/2017 11:00 PM	7.32	8/8/2017 11:00 PM	7.28	8/9/2017 11:00 PM	7.22
8/7/2017 11:15 PM	7.32	8/8/2017 11:15 PM	7.23	8/9/2017 11:15 PM	7.21
8/7/2017 11:30 PM	7.31	8/8/2017 11:30 PM	7.22	8/9/2017 11:30 PM	7.20
8/7/2017 11:45 PM	7.31	8/8/2017 11:45 PM	7.21	8/9/2017 11:45 PM	7.20
AVG	7.30	AVG	7.29	AVG	7.29

Date And Time	pH	Date And Time	pH	Date And Time	pH
8/10/2017 12:00 AM	7.20	8/11/2017 12:00 AM	7.29	8/12/2017 12:00 AM	7.28
8/10/2017 12:15 AM	7.15	8/11/2017 12:15 AM	7.28	8/12/2017 12:15 AM	7.28
8/10/2017 12:30 AM	7.30	8/11/2017 12:30 AM	7.26	8/12/2017 12:30 AM	7.30
8/10/2017 12:45 AM	7.26	8/11/2017 12:45 AM	7.18	8/12/2017 12:45 AM	7.42
8/10/2017 1:00 AM	7.22	8/11/2017 1:00 AM	7.29	8/12/2017 1:00 AM	7.44
8/10/2017 1:15 AM	7.32	8/11/2017 1:15 AM	7.31	8/12/2017 1:15 AM	7.43
8/10/2017 1:30 AM	7.35	8/11/2017 1:30 AM	7.32	8/12/2017 1:30 AM	7.42
8/10/2017 1:45 AM	7.35	8/11/2017 1:45 AM	7.31	8/12/2017 1:45 AM	7.41
8/10/2017 2:00 AM	7.31	8/11/2017 2:00 AM	7.28	8/12/2017 2:00 AM	7.40
8/10/2017 2:15 AM	7.24	8/11/2017 2:15 AM	7.23	8/12/2017 2:15 AM	7.39
8/10/2017 2:30 AM	7.23	8/11/2017 2:30 AM	7.22	8/12/2017 2:30 AM	7.38
8/10/2017 2:45 AM	7.22	8/11/2017 2:45 AM	7.21	8/12/2017 2:45 AM	7.38
8/10/2017 3:00 AM	7.22	8/11/2017 3:00 AM	7.21	8/12/2017 3:00 AM	7.37
8/10/2017 3:15 AM	7.22	8/11/2017 3:15 AM	7.21	8/12/2017 3:15 AM	7.37
8/10/2017 3:30 AM	7.26	8/11/2017 3:30 AM	7.22	8/12/2017 3:30 AM	7.37
8/10/2017 3:45 AM	7.38	8/11/2017 3:45 AM	7.36	8/12/2017 3:45 AM	7.36
8/10/2017 4:00 AM	7.39	8/11/2017 4:00 AM	7.38	8/12/2017 4:00 AM	7.36
8/10/2017 4:15 AM	7.38	8/11/2017 4:15 AM	7.37	8/12/2017 4:15 AM	7.35
8/10/2017 4:30 AM	7.37	8/11/2017 4:30 AM	7.36	8/12/2017 4:30 AM	7.35
8/10/2017 4:45 AM	7.35	8/11/2017 4:45 AM	7.35	8/12/2017 4:45 AM	7.35
8/10/2017 5:00 AM	7.34	8/11/2017 5:00 AM	7.31	8/12/2017 5:00 AM	7.35
8/10/2017 5:15 AM	7.33	8/11/2017 5:15 AM	7.25	8/12/2017 5:15 AM	7.34
8/10/2017 5:30 AM	7.32	8/11/2017 5:30 AM	7.24	8/12/2017 5:30 AM	7.34
8/10/2017 5:45 AM	7.32	8/11/2017 5:45 AM	7.24	8/12/2017 5:45 AM	7.34
8/10/2017 6:00 AM	7.31	8/11/2017 6:00 AM	7.23	8/12/2017 6:00 AM	7.34
8/10/2017 6:15 AM	7.31	8/11/2017 6:15 AM	7.23	8/12/2017 6:15 AM	7.34
8/10/2017 6:30 AM	7.30	8/11/2017 6:30 AM	7.27	8/12/2017 6:30 AM	7.33
8/10/2017 6:45 AM	7.30	8/11/2017 6:45 AM	7.39	8/12/2017 6:45 AM	7.33
8/10/2017 7:00 AM	7.30	8/11/2017 7:00 AM	7.40	8/12/2017 7:00 AM	7.33
8/10/2017 7:15 AM	7.29	8/11/2017 7:15 AM	7.39	8/12/2017 7:15 AM	7.33
8/10/2017 7:30 AM	7.29	8/11/2017 7:30 AM	7.38	8/12/2017 7:30 AM	7.33
8/10/2017 7:45 AM	7.29	8/11/2017 7:45 AM	7.37	8/12/2017 7:45 AM	7.33
8/10/2017 8:00 AM	7.28	8/11/2017 8:00 AM	7.36	8/12/2017 8:00 AM	7.37
8/10/2017 8:15 AM	7.28	8/11/2017 8:15 AM	7.35	8/12/2017 8:15 AM	7.29
8/10/2017 8:30 AM	7.29	8/11/2017 8:30 AM	7.35	8/12/2017 8:30 AM	7.28
8/10/2017 8:45 AM	7.28	8/11/2017 8:45 AM	7.35	8/12/2017 8:45 AM	7.27
8/10/2017 9:00 AM	7.29	8/11/2017 9:00 AM	7.35	8/12/2017 9:00 AM	7.26
8/10/2017 9:15 AM	7.30	8/11/2017 9:15 AM	7.36	8/12/2017 9:15 AM	7.26
8/10/2017 9:30 AM	7.31	8/11/2017 9:30 AM	7.38	8/12/2017 9:30 AM	7.23
8/10/2017 9:45 AM	7.32	8/11/2017 9:45 AM	7.38	8/12/2017 9:45 AM	7.41
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8/10/2017 10:15 AM	7.34	8/11/2017 10:15 AM	7.38	8/12/2017 10:15 AM	7.43
8/10/2017 10:30 AM	7.35	8/11/2017 10:30 AM	7.38	8/12/2017 10:30 AM	7.43
8/10/2017 10:45 AM	7.36	8/11/2017 10:45 AM	7.37	8/12/2017 10:45 AM	7.43
8/10/2017 11:00 AM	7.36	8/11/2017 11:00 AM	7.37	8/12/2017 11:00 AM	7.43
8/10/2017 11:15 AM	7.27	8/11/2017 11:15 AM	7.36	8/12/2017 11:15 AM	7.42
8/10/2017 11:30 AM	7.25	8/11/2017 11:30 AM	7.37	8/12/2017 11:30 AM	7.41
8/10/2017 11:45 AM	7.24	8/11/2017 11:45 AM	7.37	8/12/2017 11:45 AM	7.42
8/10/2017 12:00 PM	7.22	8/11/2017 12:00 PM	7.37	8/12/2017 12:00 PM	7.42
8/10/2017 12:15 PM	7.23	8/11/2017 12:15 PM	7.38	8/12/2017 12:15 PM	7.42
8/10/2017 12:30 PM	7.36	8/11/2017 12:30 PM	7.38	8/12/2017 12:30 PM	7.42
8/10/2017 12:45 PM	7.39	8/11/2017 12:45 PM	7.36	8/12/2017 12:45 PM	7.44
8/10/2017 1:00 PM	7.34	8/11/2017 1:00 PM	7.35	8/12/2017 1:00 PM	7.41
8/10/2017 1:15 PM	7.36	8/11/2017 1:15 PM	7.34	8/12/2017 1:15 PM	7.37
8/10/2017 1:30 PM	7.37	8/11/2017 1:30 PM	7.33	8/12/2017 1:30 PM	7.35
8/10/2017 1:45 PM	7.37	8/11/2017 1:45 PM	7.33	8/12/2017 1:45 PM	7.32
8/10/2017 2:00 PM	7.36	8/11/2017 2:00 PM	7.34	8/12/2017 2:00 PM	7.31
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8/10/2017 2:30 PM	7.33	8/11/2017 2:30 PM	7.34	8/12/2017 2:30 PM	7.32
8/10/2017 2:45 PM	7.32	8/11/2017 2:45 PM	7.23	8/12/2017 2:45 PM	7.32
8/10/2017 3:00 PM	7.31	8/11/2017 3:00 PM	7.31	8/12/2017 3:00 PM	7.38
8/10/2017 3:15 PM	7.28	8/11/2017 3:15 PM	7.33	8/12/2017 3:15 PM	7.42
8/10/2017 3:30 PM	7.31	8/11/2017 3:30 PM	7.35	8/12/2017 3:30 PM	7.44
8/10/2017 3:45 PM	7.32	8/11/2017 3:45 PM	7.36	8/12/2017 3:45 PM	7.48
8/10/2017 4:00 PM	7.30	8/11/2017 4:00 PM	7.36	8/12/2017 4:00 PM	7.48
8/10/2017 4:15 PM	7.27	8/11/2017 4:15 PM	7.35	8/12/2017 4:15 PM	7.48
8/10/2017 4:30 PM	7.25	8/11/2017 4:30 PM	7.33	8/12/2017 4:30 PM	7.48
8/10/2017 4:45 PM	7.27	8/11/2017 4:45 PM	7.31	8/12/2017 4:45 PM	7.47
8/10/2017 5:00 PM	7.33	8/11/2017 5:00 PM	7.29	8/12/2017 5:00 PM	7.46
8/10/2017 5:15 PM	7.33	8/11/2017 5:15 PM	7.28	8/12/2017 5:15 PM	7.45
8/10/2017 5:30 PM	7.34	8/11/2017 5:30 PM	7.28	8/12/2017 5:30 PM	7.45
8/10/2017 5:45 PM	7.34	8/11/2017 5:45 PM	7.28	8/12/2017 5:45 PM	7.46
8/10/2017 6:00 PM	7.35	8/11/2017 6:00 PM	7.27	8/12/2017 6:00 PM	7.45
8/10/2017 6:15 PM	7.35	8/11/2017 6:15 PM	7.27	8/12/2017 6:15 PM	7.44
8/10/2017 6:30 PM	7.35	8/11/2017 6:30 PM	7.27	8/12/2017 6:30 PM	7.41
8/10/2017 6:45 PM	7.34	8/11/2017 6:45 PM	7.27	8/12/2017 6:45 PM	7.39
8/10/2017 7:00 PM	7.35	8/11/2017 7:00 PM	7.26	8/12/2017 7:00 PM	7.45

8/10/2017 7:15 PM	7.36	8/11/2017 7:15 PM	7.26	8/12/2017 7:15 PM	7.48
8/10/2017 7:30 PM	7.34	8/11/2017 7:30 PM	7.26	8/12/2017 7:30 PM	7.46
8/10/2017 7:45 PM	7.31	8/11/2017 7:45 PM	7.26	8/12/2017 7:45 PM	7.44
8/10/2017 8:00 PM	7.29	8/11/2017 8:00 PM	7.26	8/12/2017 8:00 PM	7.43
8/10/2017 8:15 PM	7.27	8/11/2017 8:15 PM	7.25	8/12/2017 8:15 PM	7.42
8/10/2017 8:30 PM	7.26	8/11/2017 8:30 PM	7.33	8/12/2017 8:30 PM	7.41
8/10/2017 8:45 PM	7.24	8/11/2017 8:45 PM	7.31	8/12/2017 8:45 PM	7.40
8/10/2017 9:00 PM	7.23	8/11/2017 9:00 PM	7.30	8/12/2017 9:00 PM	7.39
8/10/2017 9:15 PM	7.22	8/11/2017 9:15 PM	7.28	8/12/2017 9:15 PM	7.39
8/10/2017 9:30 PM	7.28	8/11/2017 9:30 PM	7.20	8/12/2017 9:30 PM	7.39
8/10/2017 9:45 PM	7.33	8/11/2017 9:45 PM	7.35	8/12/2017 9:45 PM	7.38
8/10/2017 10:00 PM	7.33	8/11/2017 10:00 PM	7.39	8/12/2017 10:00 PM	7.37
8/10/2017 10:15 PM	7.33	8/11/2017 10:15 PM	7.39	8/12/2017 10:15 PM	7.37
8/10/2017 10:30 PM	7.32	8/11/2017 10:30 PM	7.38	8/12/2017 10:30 PM	7.36
8/10/2017 10:45 PM	7.31	8/11/2017 10:45 PM	7.38	8/12/2017 10:45 PM	7.36
8/10/2017 11:00 PM	7.31	8/11/2017 11:00 PM	7.36	8/12/2017 11:00 PM	7.36
8/10/2017 11:15 PM	7.30	8/11/2017 11:15 PM	7.30	8/12/2017 11:15 PM	7.35
8/10/2017 11:30 PM	7.29	8/11/2017 11:30 PM	7.28	8/12/2017 11:30 PM	7.36
8/10/2017 11:45 PM	7.29	8/11/2017 11:45 PM	7.28	8/12/2017 11:45 PM	7.36
AVG	7.30	AVG	7.32	AVG	7.38

Date And Time	pH	Date And Time	pH	Date And Time	pH
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8/13/2017 12:15 AM	7.38	8/14/2017 12:15 AM	7.36	8/15/2017 12:15 AM	7.30
8/13/2017 12:30 AM	7.39	8/14/2017 12:30 AM	7.37	8/15/2017 12:30 AM	7.30
8/13/2017 12:45 AM	7.38	8/14/2017 12:45 AM	7.33	8/15/2017 12:45 AM	7.33
8/13/2017 1:00 AM	7.38	8/14/2017 1:00 AM	7.32	8/15/2017 1:00 AM	7.46
8/13/2017 1:15 AM	7.38	8/14/2017 1:15 AM	7.31	8/15/2017 1:15 AM	7.47
8/13/2017 1:30 AM	7.36	8/14/2017 1:30 AM	7.30	8/15/2017 1:30 AM	7.47
8/13/2017 1:45 AM	7.39	8/14/2017 1:45 AM	7.30	8/15/2017 1:45 AM	7.45
8/13/2017 2:00 AM	7.35	8/14/2017 2:00 AM	7.30	8/15/2017 2:00 AM	7.44
8/13/2017 2:15 AM	7.34	8/14/2017 2:15 AM	7.39	8/15/2017 2:15 AM	7.43
8/13/2017 2:30 AM	7.32	8/14/2017 2:30 AM	7.44	8/15/2017 2:30 AM	7.42
8/13/2017 2:45 AM	7.31	8/14/2017 2:45 AM	7.44	8/15/2017 2:45 AM	7.41
8/13/2017 3:00 AM	7.31	8/14/2017 3:00 AM	7.43	8/15/2017 3:00 AM	7.40
8/13/2017 3:15 AM	7.30	8/14/2017 3:15 AM	7.42	8/15/2017 3:15 AM	7.40
8/13/2017 3:30 AM	7.29	8/14/2017 3:30 AM	7.41	8/15/2017 3:30 AM	7.39
8/13/2017 3:45 AM	7.41	8/14/2017 3:45 AM	7.40	8/15/2017 3:45 AM	7.39
8/13/2017 4:00 AM	7.42	8/14/2017 4:00 AM	7.39	8/15/2017 4:00 AM	7.38
8/13/2017 4:15 AM	7.42	8/14/2017 4:15 AM	7.39	8/15/2017 4:15 AM	7.38
8/13/2017 4:30 AM	7.41	8/14/2017 4:30 AM	7.38	8/15/2017 4:30 AM	7.38
8/13/2017 4:45 AM	7.40	8/14/2017 4:45 AM	7.38	8/15/2017 4:45 AM	7.37
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8/13/2017 5:30 AM	7.39	8/14/2017 5:30 AM	7.30	8/15/2017 5:30 AM	7.36
8/13/2017 5:45 AM	7.38	8/14/2017 5:45 AM	7.30	8/15/2017 5:45 AM	7.36
8/13/2017 6:00 AM	7.38	8/14/2017 6:00 AM	7.29	8/15/2017 6:00 AM	7.36
8/13/2017 6:15 AM	7.38	8/14/2017 6:15 AM	7.29	8/15/2017 6:15 AM	7.36
8/13/2017 6:30 AM	7.39	8/14/2017 6:30 AM	7.29	8/15/2017 6:30 AM	7.35
8/13/2017 6:45 AM	7.32	8/14/2017 6:45 AM	7.28	8/15/2017 6:45 AM	7.35
8/13/2017 7:00 AM	7.30	8/14/2017 7:00 AM	7.43	8/15/2017 7:00 AM	7.35
8/13/2017 7:15 AM	7.29	8/14/2017 7:15 AM	7.46	8/15/2017 7:15 AM	7.35
8/13/2017 7:30 AM	7.29	8/14/2017 7:30 AM	7.45	8/15/2017 7:30 AM	7.35
8/13/2017 7:45 AM	7.29	8/14/2017 7:45 AM	7.44	8/15/2017 7:45 AM	7.34
8/13/2017 8:00 AM	7.29	8/14/2017 8:00 AM	7.43	8/15/2017 8:00 AM	7.36
8/13/2017 8:15 AM	7.39	8/14/2017 8:15 AM	7.42	8/15/2017 8:15 AM	7.30
8/13/2017 8:30 AM	7.45	8/14/2017 8:30 AM	7.41	8/15/2017 8:30 AM	7.28
8/13/2017 8:45 AM	7.46	8/14/2017 8:45 AM	7.40	8/15/2017 8:45 AM	7.27
8/13/2017 9:00 AM	7.45	8/14/2017 9:00 AM	7.40	8/15/2017 9:00 AM	7.27
8/13/2017 9:15 AM	7.45	8/14/2017 9:15 AM	7.36	8/15/2017 9:15 AM	7.26
8/13/2017 9:30 AM	7.44	8/14/2017 9:30 AM	7.31	8/15/2017 9:30 AM	7.26
8/13/2017 9:45 AM	7.44	8/14/2017 9:45 AM	7.30	8/15/2017 9:45 AM	7.41
8/13/2017 10:00 AM	7.44	8/14/2017 10:00 AM	7.30	8/15/2017 10:00 AM	7.43
8/13/2017 10:15 AM	7.43	8/14/2017 10:15 AM	7.29	8/15/2017 10:15 AM	7.42
8/13/2017 10:30 AM	7.42	8/14/2017 10:30 AM	7.29	8/15/2017 10:30 AM	7.41
8/13/2017 10:45 AM	7.41	8/14/2017 10:45 AM	7.29	8/15/2017 10:45 AM	7.40
8/13/2017 11:00 AM	7.41	8/14/2017 11:00 AM	7.29	8/15/2017 11:00 AM	7.39
8/13/2017 11:15 AM	7.34	8/14/2017 11:15 AM	7.30	8/15/2017 11:15 AM	7.38
8/13/2017 11:30 AM	7.33	8/14/2017 11:30 AM	7.45	8/15/2017 11:30 AM	7.38
8/13/2017 11:45 AM	7.31	8/14/2017 11:45 AM	7.47	8/15/2017 11:45 AM	7.38
8/13/2017 12:00 PM	7.29	8/14/2017 12:00 PM	7.46	8/15/2017 12:00 PM	7.39
8/13/2017 12:15 PM	7.25	8/14/2017 12:15 PM	7.45	8/15/2017 12:15 PM	7.39
8/13/2017 12:30 PM	7.40	8/14/2017 12:30 PM	7.44	8/15/2017 12:30 PM	7.41
8/13/2017 12:45 PM	7.46	8/14/2017 12:45 PM	7.43	8/15/2017 12:45 PM	7.28
8/13/2017 1:00 PM	7.48	8/14/2017 1:00 PM	7.42	8/15/2017 1:00 PM	7.26
8/13/2017 1:15 PM	7.48	8/14/2017 1:15 PM	7.42	8/15/2017 1:15 PM	7.25
8/13/2017 1:30 PM	7.48	8/14/2017 1:30 PM	7.42	8/15/2017 1:30 PM	7.23
8/13/2017 1:45 PM	7.47	8/14/2017 1:45 PM	7.40	8/15/2017 1:45 PM	7.22
8/13/2017 2:00 PM	7.46	8/14/2017 2:00 PM	7.33	8/15/2017 2:00 PM	7.22
8/13/2017 2:15 PM	7.45	8/14/2017 2:15 PM	7.31	8/15/2017 2:15 PM	7.22
8/13/2017 2:30 PM	7.43	8/14/2017 2:30 PM	7.31	8/15/2017 2:30 PM	7.35
8/13/2017 2:45 PM	7.41	8/14/2017 2:45 PM	7.30	8/15/2017 2:45 PM	7.34
8/13/2017 3:00 PM	7.43	8/14/2017 3:00 PM	7.30	8/15/2017 3:00 PM	7.26
8/13/2017 3:15 PM	7.39	8/14/2017 3:15 PM	7.29	8/15/2017 3:15 PM	7.24
8/13/2017 3:30 PM	7.40	8/14/2017 3:30 PM	7.29	8/15/2017 3:30 PM	7.23
8/13/2017 3:45 PM	7.46	8/14/2017 3:45 PM	7.37	8/15/2017 3:45 PM	7.40
8/13/2017 4:00 PM	7.41	8/14/2017 4:00 PM	7.45	8/15/2017 4:00 PM	7.42
8/13/2017 4:15 PM	7.37	8/14/2017 4:15 PM	7.46	8/15/2017 4:15 PM	7.41
8/13/2017 4:30 PM	7.35	8/14/2017 4:30 PM	7.45	8/15/2017 4:30 PM	7.41
8/13/2017 4:45 PM	7.34	8/14/2017 4:45 PM	7.45	8/15/2017 4:45 PM	7.40
8/13/2017 5:00 PM	7.37	8/14/2017 5:00 PM	7.45	8/15/2017 5:00 PM	7.40
8/13/2017 5:15 PM	7.42	8/14/2017 5:15 PM	7.44	8/15/2017 5:15 PM	7.40
8/13/2017 5:30 PM	7.44	8/14/2017 5:30 PM	7.41	8/15/2017 5:30 PM	7.39
8/13/2017 5:45 PM	7.45	8/14/2017 5:45 PM	7.40	8/15/2017 5:45 PM	7.38
8/13/2017 6:00 PM	7.45	8/14/2017 6:00 PM	7.40	8/15/2017 6:00 PM	7.38
8/13/2017 6:15 PM	7.47	8/14/2017 6:15 PM	7.39	8/15/2017 6:15 PM	7.32
8/13/2017 6:30 PM	7.47	8/14/2017 6:30 PM	7.39	8/15/2017 6:30 PM	7.31
8/13/2017 6:45 PM	7.46	8/14/2017 6:45 PM	7.38	8/15/2017 6:45 PM	7.30
8/13/2017 7:00 PM	7.44	8/14/2017 7:00 PM	7.38	8/15/2017 7:00 PM	7.36

8/13/2017 7:15 PM	7.42	8/14/2017 7:15 PM	7.38	8/15/2017 7:15 PM	7.37
8/13/2017 7:30 PM	7.39	8/14/2017 7:30 PM	7.37	8/15/2017 7:30 PM	7.36
8/13/2017 7:45 PM	7.36	8/14/2017 7:45 PM	7.33	8/15/2017 7:45 PM	7.35
8/13/2017 8:00 PM	7.34	8/14/2017 8:00 PM	7.31	8/15/2017 8:00 PM	7.34
8/13/2017 8:15 PM	7.32	8/14/2017 8:15 PM	7.31	8/15/2017 8:15 PM	7.34
8/13/2017 8:30 PM	7.32	8/14/2017 8:30 PM	7.30	8/15/2017 8:30 PM	7.34
8/13/2017 8:45 PM	7.32	8/14/2017 8:45 PM	7.30	8/15/2017 8:45 PM	7.33
8/13/2017 9:00 PM	7.32	8/14/2017 9:00 PM	7.29	8/15/2017 9:00 PM	7.33
8/13/2017 9:15 PM	7.32	8/14/2017 9:15 PM	7.29	8/15/2017 9:15 PM	7.32
8/13/2017 9:30 PM	7.37	8/14/2017 9:30 PM	7.40	8/15/2017 9:30 PM	7.32
8/13/2017 9:45 PM	7.37	8/14/2017 9:45 PM	7.36	8/15/2017 9:45 PM	7.32
8/13/2017 10:00 PM	7.31	8/14/2017 10:00 PM	7.32	8/15/2017 10:00 PM	7.32
8/13/2017 10:15 PM	7.37	8/14/2017 10:15 PM	7.30	8/15/2017 10:15 PM	7.31
8/13/2017 10:30 PM	7.39	8/14/2017 10:30 PM	7.37	8/15/2017 10:30 PM	7.31
8/13/2017 10:45 PM	7.39	8/14/2017 10:45 PM	7.46	8/15/2017 10:45 PM	7.30
8/13/2017 11:00 PM	7.38	8/14/2017 11:00 PM	7.43	8/15/2017 11:00 PM	7.30
8/13/2017 11:15 PM	7.38	8/14/2017 11:15 PM	7.33	8/15/2017 11:15 PM	7.30
8/13/2017 11:30 PM	7.37	8/14/2017 11:30 PM	7.31	8/15/2017 11:30 PM	7.30
8/13/2017 11:45 PM	7.37	8/14/2017 11:45 PM	7.31	8/15/2017 11:45 PM	7.29
AVG	7.39	AVG	7.37	AVG	7.35

Date And Time	pH	Date And Time	pH	Date And Time	pH
8/16/2017 12:00 AM	7.29	8/17/2017 12:00 AM	7.25	8/18/2017 12:00 AM	7.29
8/16/2017 12:15 AM	7.29	8/17/2017 12:15 AM	7.24	8/18/2017 12:15 AM	7.32
8/16/2017 12:30 AM	7.28	8/17/2017 12:30 AM	7.26	8/18/2017 12:30 AM	7.32
8/16/2017 12:45 AM	7.28	8/17/2017 12:45 AM	7.23	8/18/2017 12:45 AM	7.31
8/16/2017 1:00 AM	7.28	8/17/2017 1:00 AM	7.22	8/18/2017 1:00 AM	7.31
8/16/2017 1:15 AM	7.28	8/17/2017 1:15 AM	7.20	8/18/2017 1:15 AM	7.30
8/16/2017 1:30 AM	7.27	8/17/2017 1:30 AM	7.19	8/18/2017 1:30 AM	7.30
8/16/2017 1:45 AM	7.27	8/17/2017 1:45 AM	7.19	8/18/2017 1:45 AM	7.29
8/16/2017 2:00 AM	7.29	8/17/2017 2:00 AM	7.19	8/18/2017 2:00 AM	7.28
8/16/2017 2:15 AM	7.26	8/17/2017 2:15 AM	7.18	8/18/2017 2:15 AM	7.28
8/16/2017 2:30 AM	7.25	8/17/2017 2:30 AM	7.22	8/18/2017 2:30 AM	7.27
8/16/2017 2:45 AM	7.23	8/17/2017 2:45 AM	7.32	8/18/2017 2:45 AM	7.27
8/16/2017 3:00 AM	7.22	8/17/2017 3:00 AM	7.22	8/18/2017 3:00 AM	7.26
8/16/2017 3:15 AM	7.21	8/17/2017 3:15 AM	7.20	8/18/2017 3:15 AM	7.26
8/16/2017 3:30 AM	7.15	8/17/2017 3:30 AM	7.19	8/18/2017 3:30 AM	7.25
8/16/2017 3:45 AM	7.32	8/17/2017 3:45 AM	7.19	8/18/2017 3:45 AM	7.25
8/16/2017 4:00 AM	7.36	8/17/2017 4:00 AM	7.19	8/18/2017 4:00 AM	7.25
8/16/2017 4:15 AM	7.36	8/17/2017 4:15 AM	7.32	8/18/2017 4:15 AM	7.25
8/16/2017 4:30 AM	7.35	8/17/2017 4:30 AM	7.36	8/18/2017 4:30 AM	7.24
8/16/2017 4:45 AM	7.34	8/17/2017 4:45 AM	7.36	8/18/2017 4:45 AM	7.24
8/16/2017 5:00 AM	7.33	8/17/2017 5:00 AM	7.31	8/18/2017 5:00 AM	7.24
8/16/2017 5:15 AM	7.32	8/17/2017 5:15 AM	7.23	8/18/2017 5:15 AM	7.24
8/16/2017 5:30 AM	7.31	8/17/2017 5:30 AM	7.21	8/18/2017 5:30 AM	7.24
8/16/2017 5:45 AM	7.31	8/17/2017 5:45 AM	7.20	8/18/2017 5:45 AM	7.23
8/16/2017 6:00 AM	7.30	8/17/2017 6:00 AM	7.20	8/18/2017 6:00 AM	7.23
8/16/2017 6:15 AM	7.30	8/17/2017 6:15 AM	7.20	8/18/2017 6:15 AM	7.23
8/16/2017 6:30 AM	7.29	8/17/2017 6:30 AM	7.20	8/18/2017 6:30 AM	7.23
8/16/2017 6:45 AM	7.22	8/17/2017 6:45 AM	7.28	8/18/2017 6:45 AM	7.23
8/16/2017 7:00 AM	7.20	8/17/2017 7:00 AM	7.37	8/18/2017 7:00 AM	7.23
8/16/2017 7:15 AM	7.19	8/17/2017 7:15 AM	7.37	8/18/2017 7:15 AM	7.23
8/16/2017 7:30 AM	7.18	8/17/2017 7:30 AM	7.36	8/18/2017 7:30 AM	7.23
8/16/2017 7:45 AM	7.18	8/17/2017 7:45 AM	7.35	8/18/2017 7:45 AM	7.23
8/16/2017 8:00 AM	7.26	8/17/2017 8:00 AM	7.33	8/18/2017 8:00 AM	7.24
8/16/2017 8:15 AM	7.35	8/17/2017 8:15 AM	7.33	8/18/2017 8:15 AM	7.26
8/16/2017 8:30 AM	7.36	8/17/2017 8:30 AM	7.32	8/18/2017 8:30 AM	7.27
8/16/2017 8:45 AM	7.35	8/17/2017 8:45 AM	7.32	8/18/2017 8:45 AM	7.27
8/16/2017 9:00 AM	7.34	8/17/2017 9:00 AM	7.31	8/18/2017 9:00 AM	7.17
8/16/2017 9:15 AM	7.34	8/17/2017 9:15 AM	7.32	8/18/2017 9:15 AM	7.14
8/16/2017 9:30 AM	7.34	8/17/2017 9:30 AM	7.32	8/18/2017 9:30 AM	7.23
8/16/2017 9:45 AM	7.34	8/17/2017 9:45 AM	7.32	8/18/2017 9:45 AM	7.25
8/16/2017 10:00 AM	7.34	8/17/2017 10:00 AM	7.23	8/18/2017 10:00 AM	7.25
8/16/2017 10:15 AM	7.34	8/17/2017 10:15 AM	7.26	8/18/2017 10:15 AM	7.25
8/16/2017 10:30 AM	7.34	8/17/2017 10:30 AM	7.29	8/18/2017 10:30 AM	7.24
8/16/2017 10:45 AM	7.34	8/17/2017 10:45 AM	7.30	8/18/2017 10:45 AM	7.25
8/16/2017 11:00 AM	7.33	8/17/2017 11:00 AM	7.31	8/18/2017 11:00 AM	7.25
8/16/2017 11:15 AM	7.25	8/17/2017 11:15 AM	7.31	8/18/2017 11:15 AM	7.25
8/16/2017 11:30 AM	7.23	8/17/2017 11:30 AM	7.31	8/18/2017 11:30 AM	7.24
8/16/2017 11:45 AM	7.19	8/17/2017 11:45 AM	7.31	8/18/2017 11:45 AM	7.24
8/16/2017 12:00 PM	7.16	8/17/2017 12:00 PM	7.31	8/18/2017 12:00 PM	7.25
8/16/2017 12:15 PM	7.11	8/17/2017 12:15 PM	7.30	8/18/2017 12:15 PM	7.26
8/16/2017 12:30 PM	7.28	8/17/2017 12:30 PM	7.29	8/18/2017 12:30 PM	7.26
8/16/2017 12:45 PM	7.34	8/17/2017 12:45 PM	7.30	8/18/2017 12:45 PM	7.30
8/16/2017 1:00 PM	7.34	8/17/2017 1:00 PM	7.30	8/18/2017 1:00 PM	7.24
8/16/2017 1:15 PM	7.33	8/17/2017 1:15 PM	7.30	8/18/2017 1:15 PM	7.18
8/16/2017 1:30 PM	7.33	8/17/2017 1:30 PM	7.30	8/18/2017 1:30 PM	7.17
8/16/2017 1:45 PM	7.32	8/17/2017 1:45 PM	7.30	8/18/2017 1:45 PM	7.16
8/16/2017 2:00 PM	7.33	8/17/2017 2:00 PM	7.29	8/18/2017 2:00 PM	7.13
8/16/2017 2:15 PM	7.32	8/17/2017 2:15 PM	7.33	8/18/2017 2:15 PM	7.13
8/16/2017 2:30 PM	7.31	8/17/2017 2:30 PM	7.37	8/18/2017 2:30 PM	7.17
8/16/2017 2:45 PM	7.32	8/17/2017 2:45 PM	7.31	8/18/2017 2:45 PM	7.27
8/16/2017 3:00 PM	7.30	8/17/2017 3:00 PM	7.28	8/18/2017 3:00 PM	7.30
8/16/2017 3:15 PM	7.27	8/17/2017 3:15 PM	7.22	8/18/2017 3:15 PM	7.30
8/16/2017 3:30 PM	7.29	8/17/2017 3:30 PM	7.30	8/18/2017 3:30 PM	7.30
8/16/2017 3:45 PM	7.40	8/17/2017 3:45 PM	7.34	8/18/2017 3:45 PM	7.31
8/16/2017 4:00 PM	7.34	8/17/2017 4:00 PM	7.35	8/18/2017 4:00 PM	7.30
8/16/2017 4:15 PM	7.29	8/17/2017 4:15 PM	7.35	8/18/2017 4:15 PM	7.30
8/16/2017 4:30 PM	7.26	8/17/2017 4:30 PM	7.35	8/18/2017 4:30 PM	7.28
8/16/2017 4:45 PM	7.24	8/17/2017 4:45 PM	7.35	8/18/2017 4:45 PM	7.25
8/16/2017 5:00 PM	7.23	8/17/2017 5:00 PM	7.34	8/18/2017 5:00 PM	7.26
8/16/2017 5:15 PM	7.32	8/17/2017 5:15 PM	7.33	8/18/2017 5:15 PM	7.28
8/16/2017 5:30 PM	7.35	8/17/2017 5:30 PM	7.32	8/18/2017 5:30 PM	7.23
8/16/2017 5:45 PM	7.35	8/17/2017 5:45 PM	7.31	8/18/2017 5:45 PM	7.20
8/16/2017 6:00 PM	7.36	8/17/2017 6:00 PM	7.31	8/18/2017 6:00 PM	7.18
8/16/2017 6:15 PM	7.36	8/17/2017 6:15 PM	7.32	8/18/2017 6:15 PM	7.17
8/16/2017 6:30 PM	7.36	8/17/2017 6:30 PM	7.30	8/18/2017 6:30 PM	7.14
8/16/2017 6:45 PM	7.34	8/17/2017 6:45 PM	7.32	8/18/2017 6:45 PM	7.26
8/16/2017 7:00 PM	7.33	8/17/2017 7:00 PM	7.27	8/18/2017 7:00 PM	7.30

8/16/2017 7:15 PM	7.32	8/17/2017 7:15 PM	7.24	8/18/2017 7:15 PM	7.30
8/16/2017 7:30 PM	7.30	8/17/2017 7:30 PM	7.22	8/18/2017 7:30 PM	7.28
8/16/2017 7:45 PM	7.28	8/17/2017 7:45 PM	7.22	8/18/2017 7:45 PM	7.27
8/16/2017 8:00 PM	7.27	8/17/2017 8:00 PM	7.21	8/18/2017 8:00 PM	7.26
8/16/2017 8:15 PM	7.26	8/17/2017 8:15 PM	7.20	8/18/2017 8:15 PM	7.25
8/16/2017 8:30 PM	7.25	8/17/2017 8:30 PM	7.28	8/18/2017 8:30 PM	7.24
8/16/2017 8:45 PM	7.24	8/17/2017 8:45 PM	7.27	8/18/2017 8:45 PM	7.23
8/16/2017 9:00 PM	7.24	8/17/2017 9:00 PM	7.22	8/18/2017 9:00 PM	7.22
8/16/2017 9:15 PM	7.24	8/17/2017 9:15 PM	7.21	8/18/2017 9:15 PM	7.22
8/16/2017 9:30 PM	7.29	8/17/2017 9:30 PM	7.19	8/18/2017 9:30 PM	7.21
8/16/2017 9:45 PM	7.29	8/17/2017 9:45 PM	7.33	8/18/2017 9:45 PM	7.21
8/16/2017 10:00 PM	7.22	8/17/2017 10:00 PM	7.35	8/18/2017 10:00 PM	7.21
8/16/2017 10:15 PM	7.25	8/17/2017 10:15 PM	7.35	8/18/2017 10:15 PM	7.21
8/16/2017 10:30 PM	7.26	8/17/2017 10:30 PM	7.34	8/18/2017 10:30 PM	7.20
8/16/2017 10:45 PM	7.26	8/17/2017 10:45 PM	7.33	8/18/2017 10:45 PM	7.20
8/16/2017 11:00 PM	7.26	8/17/2017 11:00 PM	7.28	8/18/2017 11:00 PM	7.20
8/16/2017 11:15 PM	7.25	8/17/2017 11:15 PM	7.23	8/18/2017 11:15 PM	7.20
8/16/2017 11:30 PM	7.25	8/17/2017 11:30 PM	7.22	8/18/2017 11:30 PM	7.19
8/16/2017 11:45 PM	7.25	8/17/2017 11:45 PM	7.15	8/18/2017 11:45 PM	7.19
AVG	7.29	AVG	7.28	AVG	7.24

Date And Time	pH	Date And Time	pH	Date And Time	pH
8/19/2017 12:00 AM	7.19	8/20/2017 12:00 AM	7.16	8/21/2017 12:00 AM	7.17
8/19/2017 12:15 AM	7.18	8/20/2017 12:15 AM	7.16	8/21/2017 12:15 AM	7.16
8/19/2017 12:30 AM	7.18	8/20/2017 12:30 AM	7.16	8/21/2017 12:30 AM	7.16
8/19/2017 12:45 AM	7.18	8/20/2017 12:45 AM	7.15	8/21/2017 12:45 AM	7.15
8/19/2017 1:00 AM	7.18	8/20/2017 1:00 AM	7.15	8/21/2017 1:00 AM	7.15
8/19/2017 1:15 AM	7.18	8/20/2017 1:15 AM	7.15	8/21/2017 1:15 AM	7.14
8/19/2017 1:30 AM	7.18	8/20/2017 1:30 AM	7.15	8/21/2017 1:30 AM	7.14
8/19/2017 1:45 AM	7.18	8/20/2017 1:45 AM	7.14	8/21/2017 1:45 AM	7.14
8/19/2017 2:00 AM	7.19	8/20/2017 2:00 AM	7.14	8/21/2017 2:00 AM	7.13
8/19/2017 2:15 AM	7.16	8/20/2017 2:15 AM	7.14	8/21/2017 2:15 AM	7.12
8/19/2017 2:30 AM	7.15	8/20/2017 2:30 AM	7.14	8/21/2017 2:30 AM	7.13
8/19/2017 2:45 AM	7.13	8/20/2017 2:45 AM	7.14	8/21/2017 2:45 AM	7.13
8/19/2017 3:00 AM	7.12	8/20/2017 3:00 AM	7.14	8/21/2017 3:00 AM	7.12
8/19/2017 3:15 AM	7.16	8/20/2017 3:15 AM	7.13	8/21/2017 3:15 AM	7.12
8/19/2017 3:30 AM	7.22	8/20/2017 3:30 AM	7.13	8/21/2017 3:30 AM	7.12
8/19/2017 3:45 AM	7.23	8/20/2017 3:45 AM	7.13	8/21/2017 3:45 AM	7.12
8/19/2017 4:00 AM	7.22	8/20/2017 4:00 AM	7.13	8/21/2017 4:00 AM	7.12
8/19/2017 4:15 AM	7.21	8/20/2017 4:15 AM	7.13	8/21/2017 4:15 AM	7.11
8/19/2017 4:30 AM	7.21	8/20/2017 4:30 AM	7.12	8/21/2017 4:30 AM	7.11
8/19/2017 4:45 AM	7.20	8/20/2017 4:45 AM	7.12	8/21/2017 4:45 AM	7.11
8/19/2017 5:00 AM	7.20	8/20/2017 5:00 AM	7.14	8/21/2017 5:00 AM	7.11
8/19/2017 5:15 AM	7.19	8/20/2017 5:15 AM	7.08	8/21/2017 5:15 AM	7.11
8/19/2017 5:30 AM	7.19	8/20/2017 5:30 AM	7.08	8/21/2017 5:30 AM	7.10
8/19/2017 5:45 AM	7.19	8/20/2017 5:45 AM	7.06	8/21/2017 5:45 AM	7.10
8/19/2017 6:00 AM	7.18	8/20/2017 6:00 AM	7.06	8/21/2017 6:00 AM	7.10
8/19/2017 6:15 AM	7.18	8/20/2017 6:15 AM	7.06	8/21/2017 6:15 AM	7.10
8/19/2017 6:30 AM	7.17	8/20/2017 6:30 AM	7.16	8/21/2017 6:30 AM	7.09
8/19/2017 6:45 AM	7.12	8/20/2017 6:45 AM	7.21	8/21/2017 6:45 AM	7.09
8/19/2017 7:00 AM	7.11	8/20/2017 7:00 AM	7.21	8/21/2017 7:00 AM	7.09
8/19/2017 7:15 AM	7.16	8/20/2017 7:15 AM	7.19	8/21/2017 7:15 AM	7.09
8/19/2017 7:30 AM	7.22	8/20/2017 7:30 AM	7.19	8/21/2017 7:30 AM	7.08
8/19/2017 7:45 AM	7.22	8/20/2017 7:45 AM	7.18	8/21/2017 7:45 AM	7.09
8/19/2017 8:00 AM	7.21	8/20/2017 8:00 AM	7.17	8/21/2017 8:00 AM	7.09
8/19/2017 8:15 AM	7.21	8/20/2017 8:15 AM	7.16	8/21/2017 8:15 AM	7.08
8/19/2017 8:30 AM	7.21	8/20/2017 8:30 AM	7.16	8/21/2017 8:30 AM	7.05
8/19/2017 8:45 AM	7.21	8/20/2017 8:45 AM	7.16	8/21/2017 8:45 AM	7.03
8/19/2017 9:00 AM	7.22	8/20/2017 9:00 AM	7.16	8/21/2017 9:00 AM	7.02
8/19/2017 9:15 AM	7.22	8/20/2017 9:15 AM	7.17	8/21/2017 9:15 AM	7.13
8/19/2017 9:30 AM	7.21	8/20/2017 9:30 AM	7.18	8/21/2017 9:30 AM	7.18
8/19/2017 9:45 AM	7.20	8/20/2017 9:45 AM	7.06	8/21/2017 9:45 AM	7.19
8/19/2017 10:00 AM	7.20	8/20/2017 10:00 AM	7.04	8/21/2017 10:00 AM	7.18
8/19/2017 10:15 AM	7.20	8/20/2017 10:15 AM	7.03	8/21/2017 10:15 AM	7.18
8/19/2017 10:30 AM	7.19	8/20/2017 10:30 AM	7.14	8/21/2017 10:30 AM	7.18
8/19/2017 10:45 AM	7.20	8/20/2017 10:45 AM	7.16	8/21/2017 10:45 AM	7.18
8/19/2017 11:00 AM	7.19	8/20/2017 11:00 AM	7.17	8/21/2017 11:00 AM	7.17
8/19/2017 11:15 AM	7.16	8/20/2017 11:15 AM	7.18	8/21/2017 11:15 AM	7.17
8/19/2017 11:30 AM	7.13	8/20/2017 11:30 AM	7.20	8/21/2017 11:30 AM	7.17
8/19/2017 11:45 AM	7.09	8/20/2017 11:45 AM	7.21	8/21/2017 11:45 AM	7.18
8/19/2017 12:00 PM	7.07	8/20/2017 12:00 PM	7.21	8/21/2017 12:00 PM	7.18
8/19/2017 12:15 PM	7.07	8/20/2017 12:15 PM	7.21	8/21/2017 12:15 PM	7.18
8/19/2017 12:30 PM	7.20	8/20/2017 12:30 PM	7.21	8/21/2017 12:30 PM	7.17
8/19/2017 12:45 PM	7.24	8/20/2017 12:45 PM	7.21	8/21/2017 12:45 PM	7.20
8/19/2017 1:00 PM	7.24	8/20/2017 1:00 PM	7.21	8/21/2017 1:00 PM	7.16
8/19/2017 1:15 PM	7.24	8/20/2017 1:15 PM	7.21	8/21/2017 1:15 PM	7.11
8/19/2017 1:30 PM	7.23	8/20/2017 1:30 PM	7.20	8/21/2017 1:30 PM	7.07
8/19/2017 1:45 PM	7.21	8/20/2017 1:45 PM	7.19	8/21/2017 1:45 PM	7.06

8/19/2017 2:00 PM	7.20	8/20/2017 2:00 PM	7.16	8/21/2017 2:00 PM	7.06
8/19/2017 2:15 PM	7.19	8/20/2017 2:15 PM	7.23	8/21/2017 2:15 PM	7.08
8/19/2017 2:30 PM	7.19	8/20/2017 2:30 PM	7.18	8/21/2017 2:30 PM	7.03
8/19/2017 2:45 PM	7.16	8/20/2017 2:45 PM	7.05	8/21/2017 2:45 PM	7.17
8/19/2017 3:00 PM	7.16	8/20/2017 3:00 PM	7.13	8/21/2017 3:00 PM	7.22
8/19/2017 3:15 PM	7.15	8/20/2017 3:15 PM	7.18	8/21/2017 3:15 PM	7.23
8/19/2017 3:30 PM	7.17	8/20/2017 3:30 PM	7.19	8/21/2017 3:30 PM	7.23
8/19/2017 3:45 PM	7.27	8/20/2017 3:45 PM	7.19	8/21/2017 3:45 PM	7.24
8/19/2017 4:00 PM	7.21	8/20/2017 4:00 PM	7.20	8/21/2017 4:00 PM	7.24
8/19/2017 4:15 PM	7.16	8/20/2017 4:15 PM	7.19	8/21/2017 4:15 PM	7.23
8/19/2017 4:30 PM	7.08	8/20/2017 4:30 PM	7.18	8/21/2017 4:30 PM	7.22
8/19/2017 4:45 PM	7.16	8/20/2017 4:45 PM	7.16	8/21/2017 4:45 PM	7.21
8/19/2017 5:00 PM	7.19	8/20/2017 5:00 PM	7.15	8/21/2017 5:00 PM	7.17
8/19/2017 5:15 PM	7.20	8/20/2017 5:15 PM	7.15	8/21/2017 5:15 PM	7.17
8/19/2017 5:30 PM	7.22	8/20/2017 5:30 PM	7.15	8/21/2017 5:30 PM	7.14
8/19/2017 5:45 PM	7.22	8/20/2017 5:45 PM	7.15	8/21/2017 5:45 PM	7.12
8/19/2017 6:00 PM	7.23	8/20/2017 6:00 PM	7.17	8/21/2017 6:00 PM	7.10
8/19/2017 6:15 PM	7.18	8/20/2017 6:15 PM	7.23	8/21/2017 6:15 PM	7.10
8/19/2017 6:30 PM	7.12	8/20/2017 6:30 PM	7.16	8/21/2017 6:30 PM	7.21
8/19/2017 6:45 PM	7.19	8/20/2017 6:45 PM	7.16	8/21/2017 6:45 PM	7.24
8/19/2017 7:00 PM	7.22	8/20/2017 7:00 PM	7.13	8/21/2017 7:00 PM	7.24
8/19/2017 7:15 PM	7.22	8/20/2017 7:15 PM	7.09	8/21/2017 7:15 PM	7.23
8/19/2017 7:30 PM	7.20	8/20/2017 7:30 PM	7.08	8/21/2017 7:30 PM	7.21
8/19/2017 7:45 PM	7.19	8/20/2017 7:45 PM	7.07	8/21/2017 7:45 PM	7.20
8/19/2017 8:00 PM	7.20	8/20/2017 8:00 PM	7.07	8/21/2017 8:00 PM	7.18
8/19/2017 8:15 PM	7.19	8/20/2017 8:15 PM	7.06	8/21/2017 8:15 PM	7.16
8/19/2017 8:30 PM	7.17	8/20/2017 8:30 PM	7.06	8/21/2017 8:30 PM	7.15
8/19/2017 8:45 PM	7.15	8/20/2017 8:45 PM	7.16	8/21/2017 8:45 PM	7.15
8/19/2017 9:00 PM	7.13	8/20/2017 9:00 PM	7.10	8/21/2017 9:00 PM	7.14
8/19/2017 9:15 PM	7.14	8/20/2017 9:15 PM	7.08	8/21/2017 9:15 PM	7.13
8/19/2017 9:30 PM	7.20	8/20/2017 9:30 PM	7.07	8/21/2017 9:30 PM	7.13
8/19/2017 9:45 PM	7.21	8/20/2017 9:45 PM	7.07	8/21/2017 9:45 PM	7.12
8/19/2017 10:00 PM	7.21	8/20/2017 10:00 PM	7.08	8/21/2017 10:00 PM	7.12
8/19/2017 10:15 PM	7.20	8/20/2017 10:15 PM	7.20	8/21/2017 10:15 PM	7.11
8/19/2017 10:30 PM	7.19	8/20/2017 10:30 PM	7.21	8/21/2017 10:30 PM	7.11
8/19/2017 10:45 PM	7.19	8/20/2017 10:45 PM	7.21	8/21/2017 10:45 PM	7.11
8/19/2017 11:00 PM	7.18	8/20/2017 11:00 PM	7.20	8/21/2017 11:00 PM	7.11
8/19/2017 11:15 PM	7.17	8/20/2017 11:15 PM	7.19	8/21/2017 11:15 PM	7.11
8/19/2017 11:30 PM	7.17	8/20/2017 11:30 PM	7.18	8/21/2017 11:30 PM	7.11
8/19/2017 11:45 PM	7.17	8/20/2017 11:45 PM	7.18	8/21/2017 11:45 PM	7.11
AVG	7.18	AVG	7.15	AVG	7.14

Date And Time	pH	Date And Time	pH	Date And Time	pH
8/22/2017 12:00 AM	7.11	8/23/2017 12:00 AM	7.20	8/24/2017 12:00 AM	7.02
8/22/2017 12:15 AM	7.11	8/23/2017 12:15 AM	7.19	8/24/2017 12:15 AM	7.17
8/22/2017 12:30 AM	7.11	8/23/2017 12:30 AM	7.17	8/24/2017 12:30 AM	7.20
8/22/2017 12:45 AM	7.11	8/23/2017 12:45 AM	7.13	8/24/2017 12:45 AM	7.21
8/22/2017 1:00 AM	7.11	8/23/2017 1:00 AM	7.12	8/24/2017 1:00 AM	7.20
8/22/2017 1:15 AM	7.11	8/23/2017 1:15 AM	7.11	8/24/2017 1:15 AM	7.19
8/22/2017 1:30 AM	7.11	8/23/2017 1:30 AM	7.10	8/24/2017 1:30 AM	7.18
8/22/2017 1:45 AM	7.11	8/23/2017 1:45 AM	7.09	8/24/2017 1:45 AM	7.17
8/22/2017 2:00 AM	7.12	8/23/2017 2:00 AM	7.09	8/24/2017 2:00 AM	7.17
8/22/2017 2:15 AM	7.12	8/23/2017 2:15 AM	7.09	8/24/2017 2:15 AM	7.16
8/22/2017 2:30 AM	7.10	8/23/2017 2:30 AM	7.11	8/24/2017 2:30 AM	7.16
8/22/2017 2:45 AM	7.08	8/23/2017 2:45 AM	7.21	8/24/2017 2:45 AM	7.15
8/22/2017 3:00 AM	7.07	8/23/2017 3:00 AM	7.23	8/24/2017 3:00 AM	7.15
8/22/2017 3:15 AM	7.06	8/23/2017 3:15 AM	7.22	8/24/2017 3:15 AM	7.15
8/22/2017 3:30 AM	7.06	8/23/2017 3:30 AM	7.21	8/24/2017 3:30 AM	7.14
8/22/2017 3:45 AM	7.12	8/23/2017 3:45 AM	7.21	8/24/2017 3:45 AM	7.09
8/22/2017 4:00 AM	7.18	8/23/2017 4:00 AM	7.20	8/24/2017 4:00 AM	7.08
8/22/2017 4:15 AM	7.19	8/23/2017 4:15 AM	7.19	8/24/2017 4:15 AM	7.07
8/22/2017 4:30 AM	7.18	8/23/2017 4:30 AM	7.19	8/24/2017 4:30 AM	7.16
8/22/2017 4:45 AM	7.18	8/23/2017 4:45 AM	7.18	8/24/2017 4:45 AM	7.21
8/22/2017 5:00 AM	7.17	8/23/2017 5:00 AM	7.17	8/24/2017 5:00 AM	7.21
8/22/2017 5:15 AM	7.16	8/23/2017 5:15 AM	7.11	8/24/2017 5:15 AM	7.20
8/22/2017 5:30 AM	7.16	8/23/2017 5:30 AM	7.10	8/24/2017 5:30 AM	7.19
8/22/2017 5:45 AM	7.15	8/23/2017 5:45 AM	7.09	8/24/2017 5:45 AM	7.18
8/22/2017 6:00 AM	7.15	8/23/2017 6:00 AM	7.08	8/24/2017 6:00 AM	7.17
8/22/2017 6:15 AM	7.15	8/23/2017 6:15 AM	7.08	8/24/2017 6:15 AM	7.16
8/22/2017 6:30 AM	7.14	8/23/2017 6:30 AM	7.14	8/24/2017 6:30 AM	7.16
8/22/2017 6:45 AM	7.14	8/23/2017 6:45 AM	7.22	8/24/2017 6:45 AM	7.15
8/22/2017 7:00 AM	7.14	8/23/2017 7:00 AM	7.23	8/24/2017 7:00 AM	7.15
8/22/2017 7:15 AM	7.13	8/23/2017 7:15 AM	7.23	8/24/2017 7:15 AM	7.15
8/22/2017 7:30 AM	7.13	8/23/2017 7:30 AM	7.22	8/24/2017 7:30 AM	7.14
8/22/2017 7:45 AM	7.14	8/23/2017 7:45 AM	7.21	8/24/2017 7:45 AM	7.14
8/22/2017 8:00 AM	7.11	8/23/2017 8:00 AM	7.20	8/24/2017 8:00 AM	7.16
8/22/2017 8:15 AM	7.06	8/23/2017 8:15 AM	7.19	8/24/2017 8:15 AM	7.07
8/22/2017 8:30 AM	7.05	8/23/2017 8:30 AM	7.19	8/24/2017 8:30 AM	7.06
8/22/2017 8:45 AM	7.03	8/23/2017 8:45 AM	7.19	8/24/2017 8:45 AM	7.07
8/22/2017 9:00 AM	7.03	8/23/2017 9:00 AM	7.19	8/24/2017 9:00 AM	7.19
8/22/2017 9:15 AM	7.02	8/23/2017 9:15 AM	7.19	8/24/2017 9:15 AM	7.20
8/22/2017 9:30 AM	7.02	8/23/2017 9:30 AM	7.18	8/24/2017 9:30 AM	7.20
8/22/2017 9:45 AM	7.06	8/23/2017 9:45 AM	7.19	8/24/2017 9:45 AM	7.19
8/22/2017 10:00 AM	7.18	8/23/2017 10:00 AM	7.21	8/24/2017 10:00 AM	7.19
8/22/2017 10:15 AM	7.20	8/23/2017 10:15 AM	7.21	8/24/2017 10:15 AM	7.19
8/22/2017 10:30 AM	7.20	8/23/2017 10:30 AM	7.21	8/24/2017 10:30 AM	7.18
8/22/2017 10:45 AM	7.20	8/23/2017 10:45 AM	7.21	8/24/2017 10:45 AM	7.18
8/22/2017 11:00 AM	7.20	8/23/2017 11:00 AM	7.22	8/24/2017 11:00 AM	7.18
8/22/2017 11:15 AM	7.11	8/23/2017 11:15 AM	7.22	8/24/2017 11:15 AM	7.19
8/22/2017 11:30 AM	7.09	8/23/2017 11:30 AM	7.23	8/24/2017 11:30 AM	7.20
8/22/2017 11:45 AM	7.07	8/23/2017 11:45 AM	7.22	8/24/2017 11:45 AM	7.22
8/22/2017 12:00 PM	7.04	8/23/2017 12:00 PM	7.21	8/24/2017 12:00 PM	7.23
8/22/2017 12:15 PM	6.99	8/23/2017 12:15 PM	7.19	8/24/2017 12:15 PM	7.22
8/22/2017 12:30 PM	7.16	8/23/2017 12:30 PM	7.21	8/24/2017 12:30 PM	7.20
8/22/2017 12:45 PM	7.22	8/23/2017 12:45 PM	7.21	8/24/2017 12:45 PM	7.16
8/22/2017 1:00 PM	7.21	8/23/2017 1:00 PM	7.22	8/24/2017 1:00 PM	7.15
8/22/2017 1:15 PM	7.22	8/23/2017 1:15 PM	7.22	8/24/2017 1:15 PM	7.11
8/22/2017 1:30 PM	7.21	8/23/2017 1:30 PM	7.22	8/24/2017 1:30 PM	7.09
8/22/2017 1:45 PM	7.20	8/23/2017 1:45 PM	7.21	8/24/2017 1:45 PM	7.07
8/22/2017 2:00 PM	7.19	8/23/2017 2:00 PM	7.21	8/24/2017 2:00 PM	7.13
8/22/2017 2:15 PM	7.19	8/23/2017 2:15 PM	7.22	8/24/2017 2:15 PM	7.19
8/22/2017 2:30 PM	7.17	8/23/2017 2:30 PM	7.27	8/24/2017 2:30 PM	7.19
8/22/2017 2:45 PM	7.15	8/23/2017 2:45 PM	7.22	8/24/2017 2:45 PM	7.23
8/22/2017 3:00 PM	7.15	8/23/2017 3:00 PM	7.13	8/24/2017 3:00 PM	7.25
8/22/2017 3:15 PM	7.15	8/23/2017 3:15 PM	7.18	8/24/2017 3:15 PM	7.23
8/22/2017 3:30 PM	7.14	8/23/2017 3:30 PM	7.19	8/24/2017 3:30 PM	7.20
8/22/2017 3:45 PM	7.12	8/23/2017 3:45 PM	7.21	8/24/2017 3:45 PM	7.18
8/22/2017 4:00 PM	7.12	8/23/2017 4:00 PM	7.22	8/24/2017 4:00 PM	7.16
8/22/2017 4:15 PM	7.11	8/23/2017 4:15 PM	7.21	8/24/2017 4:15 PM	7.14
8/22/2017 4:30 PM	7.11	8/23/2017 4:30 PM	7.21	8/24/2017 4:30 PM	7.13
8/22/2017 4:45 PM	7.10	8/23/2017 4:45 PM	7.21	8/24/2017 4:45 PM	7.12
8/22/2017 5:00 PM	7.10	8/23/2017 5:00 PM	7.20	8/24/2017 5:00 PM	7.13
8/22/2017 5:15 PM	7.10	8/23/2017 5:15 PM	7.19	8/24/2017 5:15 PM	7.14
8/22/2017 5:30 PM	7.11	8/23/2017 5:30 PM	7.19	8/24/2017 5:30 PM	7.12
8/22/2017 5:45 PM	7.11	8/23/2017 5:45 PM	7.18	8/24/2017 5:45 PM	7.07
8/22/2017 6:00 PM	7.11	8/23/2017 6:00 PM	7.18	8/24/2017 6:00 PM	7.14
8/22/2017 6:15 PM	7.14	8/23/2017 6:15 PM	7.17	8/24/2017 6:15 PM	7.16
8/22/2017 6:30 PM	7.14	8/23/2017 6:30 PM	7.17	8/24/2017 6:30 PM	7.16
8/22/2017 6:45 PM	7.14	8/23/2017 6:45 PM	7.17	8/24/2017 6:45 PM	7.18
8/22/2017 7:00 PM	7.12	8/23/2017 7:00 PM	7.15	8/24/2017 7:00 PM	7.19

8/22/2017 7:15 PM	7.11	8/23/2017 7:15 PM	7.13	8/24/2017 7:15 PM	7.18
8/22/2017 7:30 PM	7.09	8/23/2017 7:30 PM	7.15	8/24/2017 7:30 PM	7.15
8/22/2017 7:45 PM	7.08	8/23/2017 7:45 PM	7.18	8/24/2017 7:45 PM	7.13
8/22/2017 8:00 PM	7.15	8/23/2017 8:00 PM	7.19	8/24/2017 8:00 PM	7.12
8/22/2017 8:15 PM	7.27	8/23/2017 8:15 PM	7.18	8/24/2017 8:15 PM	7.12
8/22/2017 8:30 PM	7.22	8/23/2017 8:30 PM	7.18	8/24/2017 8:30 PM	7.12
8/22/2017 8:45 PM	7.17	8/23/2017 8:45 PM	7.18	8/24/2017 8:45 PM	7.12
8/22/2017 9:00 PM	7.14	8/23/2017 9:00 PM	7.17	8/24/2017 9:00 PM	7.12
8/22/2017 9:15 PM	7.12	8/23/2017 9:15 PM	7.18	8/24/2017 9:15 PM	7.12
8/22/2017 9:30 PM	7.09	8/23/2017 9:30 PM	7.17	8/24/2017 9:30 PM	7.12
8/22/2017 9:45 PM	7.18	8/23/2017 9:45 PM	7.17	8/24/2017 9:45 PM	7.11
8/22/2017 10:00 PM	7.20	8/23/2017 10:00 PM	7.17	8/24/2017 10:00 PM	7.11
8/22/2017 10:15 PM	7.21	8/23/2017 10:15 PM	7.17	8/24/2017 10:15 PM	7.11
8/22/2017 10:30 PM	7.21	8/23/2017 10:30 PM	7.16	8/24/2017 10:30 PM	7.11
8/22/2017 10:45 PM	7.21	8/23/2017 10:45 PM	7.16	8/24/2017 10:45 PM	7.11
8/22/2017 11:00 PM	7.20	8/23/2017 11:00 PM	7.14	8/24/2017 11:00 PM	7.10
8/22/2017 11:15 PM	7.21	8/23/2017 11:15 PM	7.11	8/24/2017 11:15 PM	7.10
8/22/2017 11:30 PM	7.21	8/23/2017 11:30 PM	7.10	8/24/2017 11:30 PM	7.10
8/22/2017 11:45 PM	7.21	8/23/2017 11:45 PM	7.09	8/24/2017 11:45 PM	7.10
AVG	7.14	AVG	7.18	AVG	7.15

Date And Time	pH	Date And Time	pH	Date And Time	pH
8/25/2017 12:00 AM	7.10	8/26/2017 12:00 AM	7.04	8/27/2017 12:00 AM	6.99
8/25/2017 12:15 AM	7.10	8/26/2017 12:15 AM	7.04	8/27/2017 12:15 AM	7.08
8/25/2017 12:30 AM	7.09	8/26/2017 12:30 AM	7.04	8/27/2017 12:30 AM	7.14
8/25/2017 12:45 AM	7.09	8/26/2017 12:45 AM	7.04	8/27/2017 12:45 AM	7.14
8/25/2017 1:00 AM	7.09	8/26/2017 1:00 AM	7.03	8/27/2017 1:00 AM	7.13
8/25/2017 1:15 AM	7.09	8/26/2017 1:15 AM	7.01	8/27/2017 1:15 AM	7.12
8/25/2017 1:30 AM	7.09	8/26/2017 1:30 AM	6.99	8/27/2017 1:30 AM	7.11
8/25/2017 1:45 AM	7.09	8/26/2017 1:45 AM	6.99	8/27/2017 1:45 AM	7.10
8/25/2017 2:00 AM	7.10	8/26/2017 2:00 AM	6.98	8/27/2017 2:00 AM	7.09
8/25/2017 2:15 AM	7.07	8/26/2017 2:15 AM	6.98	8/27/2017 2:15 AM	7.09
8/25/2017 2:30 AM	7.05	8/26/2017 2:30 AM	6.98	8/27/2017 2:30 AM	7.08
8/25/2017 2:45 AM	7.14	8/26/2017 2:45 AM	7.07	8/27/2017 2:45 AM	7.07
8/25/2017 3:00 AM	7.15	8/26/2017 3:00 AM	7.06	8/27/2017 3:00 AM	7.07
8/25/2017 3:15 AM	7.15	8/26/2017 3:15 AM	7.01	8/27/2017 3:15 AM	7.07
8/25/2017 3:30 AM	7.15	8/26/2017 3:30 AM	6.97	8/27/2017 3:30 AM	7.07
8/25/2017 3:45 AM	7.14	8/26/2017 3:45 AM	7.13	8/27/2017 3:45 AM	7.06
8/25/2017 4:00 AM	7.13	8/26/2017 4:00 AM	7.15	8/27/2017 4:00 AM	7.06
8/25/2017 4:15 AM	7.13	8/26/2017 4:15 AM	7.15	8/27/2017 4:15 AM	7.06
8/25/2017 4:30 AM	7.12	8/26/2017 4:30 AM	7.13	8/27/2017 4:30 AM	7.06
8/25/2017 4:45 AM	7.12	8/26/2017 4:45 AM	7.12	8/27/2017 4:45 AM	7.05
8/25/2017 5:00 AM	7.12	8/26/2017 5:00 AM	7.11	8/27/2017 5:00 AM	7.04
8/25/2017 5:15 AM	7.11	8/26/2017 5:15 AM	7.02	8/27/2017 5:15 AM	7.01
8/25/2017 5:30 AM	7.11	8/26/2017 5:30 AM	7.01	8/27/2017 5:30 AM	7.00
8/25/2017 5:45 AM	7.11	8/26/2017 5:45 AM	7.00	8/27/2017 5:45 AM	6.99
8/25/2017 6:00 AM	7.10	8/26/2017 6:00 AM	6.96	8/27/2017 6:00 AM	7.09
8/25/2017 6:15 AM	7.10	8/26/2017 6:15 AM	7.13	8/27/2017 6:15 AM	7.15
8/25/2017 6:30 AM	7.10	8/26/2017 6:30 AM	7.16	8/27/2017 6:30 AM	7.14
8/25/2017 6:45 AM	7.10	8/26/2017 6:45 AM	7.15	8/27/2017 6:45 AM	7.13
8/25/2017 7:00 AM	7.10	8/26/2017 7:00 AM	7.14	8/27/2017 7:00 AM	7.12
8/25/2017 7:15 AM	7.09	8/26/2017 7:15 AM	7.12	8/27/2017 7:15 AM	7.11
8/25/2017 7:30 AM	7.09	8/26/2017 7:30 AM	7.11	8/27/2017 7:30 AM	7.10
8/25/2017 7:45 AM	7.09	8/26/2017 7:45 AM	7.10	8/27/2017 7:45 AM	7.09
8/25/2017 8:00 AM	7.09	8/26/2017 8:00 AM	7.10	8/27/2017 8:00 AM	7.09
8/25/2017 8:15 AM	7.09	8/26/2017 8:15 AM	7.09	8/27/2017 8:15 AM	7.02
8/25/2017 8:30 AM	7.09	8/26/2017 8:30 AM	7.09	8/27/2017 8:30 AM	7.00
8/25/2017 8:45 AM	7.09	8/26/2017 8:45 AM	7.08	8/27/2017 8:45 AM	7.00
8/25/2017 9:00 AM	7.09	8/26/2017 9:00 AM	7.08	8/27/2017 9:00 AM	6.97
8/25/2017 9:15 AM	7.09	8/26/2017 9:15 AM	7.08	8/27/2017 9:15 AM	7.13
8/25/2017 9:30 AM	7.09	8/26/2017 9:30 AM	7.08	8/27/2017 9:30 AM	7.16
8/25/2017 9:45 AM	7.09	8/26/2017 9:45 AM	7.08	8/27/2017 9:45 AM	7.16
8/25/2017 10:00 AM	7.09	8/26/2017 10:00 AM	7.08	8/27/2017 10:00 AM	7.15
8/25/2017 10:15 AM	7.09	8/26/2017 10:15 AM	7.08	8/27/2017 10:15 AM	7.14
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8/25/2017 11:00 AM	7.09	8/26/2017 11:00 AM	7.10	8/27/2017 11:00 AM	7.13
8/25/2017 11:15 AM	7.04	8/26/2017 11:15 AM	7.12	8/27/2017 11:15 AM	7.13
8/25/2017 11:30 AM	7.02	8/26/2017 11:30 AM	7.13	8/27/2017 11:30 AM	7.14
8/25/2017 11:45 AM	7.00	8/26/2017 11:45 AM	7.15	8/27/2017 11:45 AM	7.16
8/25/2017 12:00 PM	7.00	8/26/2017 12:00 PM	7.16	8/27/2017 12:00 PM	7.17
8/25/2017 12:15 PM	7.14	8/26/2017 12:15 PM	7.16	8/27/2017 12:15 PM	7.17
8/25/2017 12:30 PM	7.17	8/26/2017 12:30 PM	7.17	8/27/2017 12:30 PM	7.16
8/25/2017 12:45 PM	7.17	8/26/2017 12:45 PM	7.17	8/27/2017 12:45 PM	7.16
8/25/2017 1:00 PM	7.19	8/26/2017 1:00 PM	7.17	8/27/2017 1:00 PM	7.16
8/25/2017 1:15 PM	7.20	8/26/2017 1:15 PM	7.17	8/27/2017 1:15 PM	7.17
8/25/2017 1:30 PM	7.18	8/26/2017 1:30 PM	7.16	8/27/2017 1:30 PM	7.16
8/25/2017 1:45 PM	7.20	8/26/2017 1:45 PM	7.15	8/27/2017 1:45 PM	7.13
8/25/2017 2:00 PM	7.19	8/26/2017 2:00 PM	7.12	8/27/2017 2:00 PM	7.14
8/25/2017 2:15 PM	7.20	8/26/2017 2:15 PM	7.15	8/27/2017 2:15 PM	7.15
8/25/2017 2:30 PM	7.20	8/26/2017 2:30 PM	7.14	8/27/2017 2:30 PM	7.13
8/25/2017 2:45 PM	7.19	8/26/2017 2:45 PM	7.01	8/27/2017 2:45 PM	7.09
8/25/2017 3:00 PM	7.16	8/26/2017 3:00 PM	7.08	8/27/2017 3:00 PM	7.07
8/25/2017 3:15 PM	7.13	8/26/2017 3:15 PM	7.11	8/27/2017 3:15 PM	7.06
8/25/2017 3:30 PM	7.10	8/26/2017 3:30 PM	7.11	8/27/2017 3:30 PM	7.05
8/25/2017 3:45 PM	7.13	8/26/2017 3:45 PM	7.11	8/27/2017 3:45 PM	7.04
8/25/2017 4:00 PM	7.12	8/26/2017 4:00 PM	7.12	8/27/2017 4:00 PM	7.03
8/25/2017 4:15 PM	7.07	8/26/2017 4:15 PM	7.12	8/27/2017 4:15 PM	7.03
8/25/2017 4:30 PM	7.08	8/26/2017 4:30 PM	7.11	8/27/2017 4:30 PM	7.03
8/25/2017 4:45 PM	7.11	8/26/2017 4:45 PM	7.11	8/27/2017 4:45 PM	7.03
8/25/2017 5:00 PM	7.12	8/26/2017 5:00 PM	7.11	8/27/2017 5:00 PM	7.02
8/25/2017 5:15 PM	7.12	8/26/2017 5:15 PM	7.11	8/27/2017 5:15 PM	7.08
8/25/2017 5:30 PM	7.12	8/26/2017 5:30 PM	7.10	8/27/2017 5:30 PM	7.07
8/25/2017 5:45 PM	7.12	8/26/2017 5:45 PM	7.09	8/27/2017 5:45 PM	7.04
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8/25/2017 6:15 PM	7.15	8/26/2017 6:15 PM	7.10	8/27/2017 6:15 PM	7.10
8/25/2017 6:30 PM	7.13	8/26/2017 6:30 PM	7.09	8/27/2017 6:30 PM	7.11
8/25/2017 6:45 PM	7.11	8/26/2017 6:45 PM	7.06	8/27/2017 6:45 PM	7.12
8/25/2017 7:00 PM	7.09	8/26/2017 7:00 PM	7.05	8/27/2017 7:00 PM	7.12

8/25/2017 7:15 PM	7.09	8/26/2017 7:15 PM	7.03	8/27/2017 7:15 PM	7.11
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8/25/2017 8:45 PM	7.07	8/26/2017 8:45 PM	7.11	8/27/2017 8:45 PM	7.08
8/25/2017 9:00 PM	7.07	8/26/2017 9:00 PM	7.10	8/27/2017 9:00 PM	7.08
8/25/2017 9:15 PM	7.07	8/26/2017 9:15 PM	7.09	8/27/2017 9:15 PM	7.07
8/25/2017 9:30 PM	7.06	8/26/2017 9:30 PM	7.09	8/27/2017 9:30 PM	7.07
8/25/2017 9:45 PM	7.06	8/26/2017 9:45 PM	7.08	8/27/2017 9:45 PM	7.03
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8/25/2017 10:30 PM	7.05	8/26/2017 10:30 PM	7.07	8/27/2017 10:30 PM	7.12
8/25/2017 10:45 PM	7.05	8/26/2017 10:45 PM	7.07	8/27/2017 10:45 PM	7.12
8/25/2017 11:00 PM	7.05	8/26/2017 11:00 PM	7.06	8/27/2017 11:00 PM	7.12
8/25/2017 11:15 PM	7.04	8/26/2017 11:15 PM	7.02	8/27/2017 11:15 PM	7.11
8/25/2017 11:30 PM	7.04	8/26/2017 11:30 PM	7.00	8/27/2017 11:30 PM	7.10
8/25/2017 11:45 PM	7.04	8/26/2017 11:45 PM	6.99	8/27/2017 11:45 PM	7.09
AVG	7.10	AVG	7.08	AVG	7.09

Date And Time	pH	Date And Time	pH	Date And Time	pH
8/28/2017 12:00 AM	7.08	8/29/2017 12:00 AM	7.12	8/30/2017 12:00 AM	7.12
8/28/2017 12:15 AM	7.08	8/29/2017 12:15 AM	7.12	8/30/2017 12:15 AM	7.13
8/28/2017 12:30 AM	7.08	8/29/2017 12:30 AM	7.09	8/30/2017 12:30 AM	7.07
8/28/2017 12:45 AM	7.07	8/29/2017 12:45 AM	7.03	8/30/2017 12:45 AM	7.09
8/28/2017 1:00 AM	7.07	8/29/2017 1:00 AM	7.02	8/30/2017 1:00 AM	7.22
8/28/2017 1:15 AM	7.07	8/29/2017 1:15 AM	7.01	8/30/2017 1:15 AM	7.23
8/28/2017 1:30 AM	7.06	8/29/2017 1:30 AM	7.01	8/30/2017 1:30 AM	7.22
8/28/2017 1:45 AM	7.06	8/29/2017 1:45 AM	7.05	8/30/2017 1:45 AM	7.21
8/28/2017 2:00 AM	7.07	8/29/2017 2:00 AM	7.17	8/30/2017 2:00 AM	7.20
8/28/2017 2:15 AM	7.01	8/29/2017 2:15 AM	7.18	8/30/2017 2:15 AM	7.19
8/28/2017 2:30 AM	7.00	8/29/2017 2:30 AM	7.17	8/30/2017 2:30 AM	7.18
8/28/2017 2:45 AM	6.99	8/29/2017 2:45 AM	7.16	8/30/2017 2:45 AM	7.17
8/28/2017 3:00 AM	6.99	8/29/2017 3:00 AM	7.15	8/30/2017 3:00 AM	7.17
8/28/2017 3:15 AM	6.94	8/29/2017 3:15 AM	7.14	8/30/2017 3:15 AM	7.16
8/28/2017 3:30 AM	7.12	8/29/2017 3:30 AM	7.13	8/30/2017 3:30 AM	7.16
8/28/2017 3:45 AM	7.15	8/29/2017 3:45 AM	7.13	8/30/2017 3:45 AM	7.08
8/28/2017 4:00 AM	7.14	8/29/2017 4:00 AM	7.12	8/30/2017 4:00 AM	7.06
8/28/2017 4:15 AM	7.13	8/29/2017 4:15 AM	7.12	8/30/2017 4:15 AM	7.06
8/28/2017 4:30 AM	7.11	8/29/2017 4:30 AM	7.11	8/30/2017 4:30 AM	7.05
8/28/2017 4:45 AM	7.10	8/29/2017 4:45 AM	7.11	8/30/2017 4:45 AM	7.05
8/28/2017 5:00 AM	7.10	8/29/2017 5:00 AM	7.10	8/30/2017 5:00 AM	7.05
8/28/2017 5:15 AM	7.09	8/29/2017 5:15 AM	7.04	8/30/2017 5:15 AM	7.05
8/28/2017 5:30 AM	7.09	8/29/2017 5:30 AM	7.02	8/30/2017 5:30 AM	7.10
8/28/2017 5:45 AM	7.08	8/29/2017 5:45 AM	7.02	8/30/2017 5:45 AM	7.23
8/28/2017 6:00 AM	7.08	8/29/2017 6:00 AM	7.02	8/30/2017 6:00 AM	7.24
8/28/2017 6:15 AM	7.07	8/29/2017 6:15 AM	7.02	8/30/2017 6:15 AM	7.23
8/28/2017 6:30 AM	7.08	8/29/2017 6:30 AM	7.00	8/30/2017 6:30 AM	7.22
8/28/2017 6:45 AM	7.01	8/29/2017 6:45 AM	7.17	8/30/2017 6:45 AM	7.20
8/28/2017 7:00 AM	6.99	8/29/2017 7:00 AM	7.19	8/30/2017 7:00 AM	7.19
8/28/2017 7:15 AM	6.99	8/29/2017 7:15 AM	7.18	8/30/2017 7:15 AM	7.18
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8/28/2017 9:45 AM	7.10	8/29/2017 9:45 AM	7.04	8/30/2017 9:45 AM	7.24
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8/28/2017 10:45 AM	7.09	8/29/2017 10:45 AM	7.02	8/30/2017 10:45 AM	7.23
8/28/2017 11:00 AM	7.09	8/29/2017 11:00 AM	7.02	8/30/2017 11:00 AM	7.24
8/28/2017 11:15 AM	7.10	8/29/2017 11:15 AM	7.02	8/30/2017 11:15 AM	7.25
8/28/2017 11:30 AM	7.11	8/29/2017 11:30 AM	7.05	8/30/2017 11:30 AM	7.25
8/28/2017 11:45 AM	7.12	8/29/2017 11:45 AM	7.20	8/30/2017 11:45 AM	7.22
8/28/2017 12:00 PM	7.13	8/29/2017 12:00 PM	7.08	8/30/2017 12:00 PM	7.25
8/28/2017 12:15 PM	7.15	8/29/2017 12:15 PM	7.05	8/30/2017 12:15 PM	7.26
8/28/2017 12:30 PM	7.16	8/29/2017 12:30 PM	7.04	8/30/2017 12:30 PM	7.27
8/28/2017 12:45 PM	7.15	8/29/2017 12:45 PM	7.04	8/30/2017 12:45 PM	7.19
8/28/2017 1:00 PM	7.15	8/29/2017 1:00 PM	7.04	8/30/2017 1:00 PM	7.17
8/28/2017 1:15 PM	7.16	8/29/2017 1:15 PM	7.20	8/30/2017 1:15 PM	7.12
8/28/2017 1:30 PM	7.13	8/29/2017 1:30 PM	7.24	8/30/2017 1:30 PM	7.22
8/28/2017 1:45 PM	7.12	8/29/2017 1:45 PM	7.23	8/30/2017 1:45 PM	7.24
8/28/2017 2:00 PM	7.12	8/29/2017 2:00 PM	7.19	8/30/2017 2:00 PM	7.27

8/28/2017 2:15 PM	7.14	8/29/2017 2:15 PM	7.09	8/30/2017 2:15 PM	7.28
8/28/2017 2:30 PM	7.14	8/29/2017 2:30 PM	7.07	8/30/2017 2:30 PM	7.27
8/28/2017 2:45 PM	7.14	8/29/2017 2:45 PM	7.06	8/30/2017 2:45 PM	7.26
8/28/2017 3:00 PM	7.15	8/29/2017 3:00 PM	7.06	8/30/2017 3:00 PM	7.23
8/28/2017 3:15 PM	7.12	8/29/2017 3:15 PM	7.06	8/30/2017 3:15 PM	7.20
8/28/2017 3:30 PM	7.09	8/29/2017 3:30 PM	7.11	8/30/2017 3:30 PM	7.17
8/28/2017 3:45 PM	7.07	8/29/2017 3:45 PM	7.24	8/30/2017 3:45 PM	7.16
8/28/2017 4:00 PM	7.07	8/29/2017 4:00 PM	7.24	8/30/2017 4:00 PM	7.14
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8/28/2017 4:45 PM	7.03	8/29/2017 4:45 PM	7.20	8/30/2017 4:45 PM	7.11
8/28/2017 5:00 PM	7.02	8/29/2017 5:00 PM	7.19	8/30/2017 5:00 PM	7.18
8/28/2017 5:15 PM	7.01	8/29/2017 5:15 PM	7.18	8/30/2017 5:15 PM	7.21
8/28/2017 5:30 PM	7.01	8/29/2017 5:30 PM	7.17	8/30/2017 5:30 PM	7.17
8/28/2017 5:45 PM	7.06	8/29/2017 5:45 PM	7.17	8/30/2017 5:45 PM	7.14
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8/28/2017 6:15 PM	7.14	8/29/2017 6:15 PM	7.16	8/30/2017 6:15 PM	7.11
8/28/2017 6:30 PM	7.14	8/29/2017 6:30 PM	7.16	8/30/2017 6:30 PM	7.12
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8/28/2017 7:15 PM	7.13	8/29/2017 7:15 PM	7.15	8/30/2017 7:15 PM	7.23
8/28/2017 7:30 PM	7.12	8/29/2017 7:30 PM	7.14	8/30/2017 7:30 PM	7.22
8/28/2017 7:45 PM	7.11	8/29/2017 7:45 PM	7.14	8/30/2017 7:45 PM	7.22
8/28/2017 8:00 PM	7.11	8/29/2017 8:00 PM	7.14	8/30/2017 8:00 PM	7.21
8/28/2017 8:15 PM	7.03	8/29/2017 8:15 PM	7.14	8/30/2017 8:15 PM	7.20
8/28/2017 8:30 PM	7.02	8/29/2017 8:30 PM	7.13	8/30/2017 8:30 PM	7.19
8/28/2017 8:45 PM	7.01	8/29/2017 8:45 PM	7.13	8/30/2017 8:45 PM	7.19
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8/28/2017 9:30 PM	7.00	8/29/2017 9:30 PM	7.13	8/30/2017 9:30 PM	7.16
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8/28/2017 10:15 PM	7.18	8/29/2017 10:15 PM	7.12	8/30/2017 10:15 PM	7.09
8/28/2017 10:30 PM	7.18	8/29/2017 10:30 PM	7.12	8/30/2017 10:30 PM	7.09
8/28/2017 10:45 PM	7.17	8/29/2017 10:45 PM	7.12	8/30/2017 10:45 PM	7.09
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8/28/2017 11:30 PM	7.14	8/29/2017 11:30 PM	7.12	8/30/2017 11:30 PM	7.10
8/28/2017 11:45 PM	7.13	8/29/2017 11:45 PM	7.12	8/30/2017 11:45 PM	7.24
AVG	7.09	AVG	7.12	AVG	7.17

Date And Time	pH
8/31/2017 12:00 AM	7.14
8/31/2017 12:15 AM	7.11
8/31/2017 12:30 AM	7.10
8/31/2017 12:45 AM	7.10
8/31/2017 1:00 AM	7.23
8/31/2017 1:15 AM	7.29
8/31/2017 1:30 AM	7.28
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8/31/2017 2:00 AM	7.26
8/31/2017 2:15 AM	7.14
8/31/2017 2:30 AM	7.12
8/31/2017 2:45 AM	7.11
8/31/2017 3:00 AM	7.11
8/31/2017 3:15 AM	7.11
8/31/2017 3:30 AM	7.07
8/31/2017 3:45 AM	7.26
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8/31/2017 4:15 AM	7.29
8/31/2017 4:30 AM	7.27
8/31/2017 4:45 AM	7.26
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8/31/2017 5:15 AM	7.24
8/31/2017 5:30 AM	7.23
8/31/2017 5:45 AM	7.22
8/31/2017 6:00 AM	7.22
8/31/2017 6:15 AM	7.21
8/31/2017 6:30 AM	7.21

MIN	**6.94**
MAX	**7.50**

8/31/2017 6:45 AM	7.20
8/31/2017 7:00 AM	7.20
8/31/2017 7:15 AM	7.19
8/31/2017 7:30 AM	7.19
8/31/2017 7:45 AM	7.19
8/31/2017 8:00 AM	7.18
8/31/2017 8:15 AM	7.18
8/31/2017 8:30 AM	7.18
8/31/2017 8:45 AM	7.18
8/31/2017 9:00 AM	7.18
8/31/2017 9:15 AM	7.19
8/31/2017 9:30 AM	7.19
8/31/2017 9:45 AM	7.20
8/31/2017 10:00 AM	7.22
8/31/2017 10:15 AM	7.23
8/31/2017 10:30 AM	7.24
8/31/2017 10:45 AM	7.25
8/31/2017 11:00 AM	7.25
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8/31/2017 11:30 AM	7.25
8/31/2017 11:45 AM	7.26
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8/31/2017 12:15 PM	7.26
8/31/2017 12:30 PM	7.24
8/31/2017 12:45 PM	7.24
8/31/2017 1:00 PM	7.24
8/31/2017 1:15 PM	7.23
8/31/2017 1:30 PM	7.24
8/31/2017 1:45 PM	7.21
8/31/2017 2:00 PM	7.19
8/31/2017 2:15 PM	7.21
8/31/2017 2:30 PM	7.19
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8/31/2017 3:45 PM	7.28
8/31/2017 4:00 PM	7.22
8/31/2017 4:15 PM	7.18
8/31/2017 4:30 PM	7.15
8/31/2017 4:45 PM	7.14
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8/31/2017 5:15 PM	7.13
8/31/2017 5:30 PM	7.13
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8/31/2017 8:45 PM	7.14
8/31/2017 9:00 PM	7.14
8/31/2017 9:15 PM	7.14
8/31/2017 9:30 PM	7.07
8/31/2017 9:45 PM	7.25
8/31/2017 10:00 PM	7.28
8/31/2017 10:15 PM	7.28
8/31/2017 10:30 PM	7.28
8/31/2017 10:45 PM	7.27
8/31/2017 11:00 PM	7.26
8/31/2017 11:15 PM	7.25
8/31/2017 11:30 PM	7.24
8/31/2017 11:45 PM	7.24
AVG	7.21

Avtex Fibers
Front Royal, VA
Outfall 004
August 2017 DMR

Sample Date	Sample ID	BOD, mg/L	BOD, kg/d	TSS, mg/L	TSS, kg/d
8/3/2017	AF8-3FE	0.0	0.0	0.0	0.0
8/10/2017	AF8-10FE	0.0	0.0	0.0	0.0
8/17/2017	AF8-17FE	0.0	0.0	0.0	0.0
8/24/2017	AF8-24FE	0.0	0.0	0.0	0.0
8/31/2017	AF-8-31FE	0.0	0.0	0.0	0.0
	Daily Maximum:	0.0	0.0	0.0	0.0
	Monthly Avg:	0.0	0.0	0.0	0.0

Monthly Average – Compliance with the monthly average limitations and/or reporting requirements for the parameters listed in Part I.C.1 shall be determined as follows: All concentration data below the QL used for the analysis shall be treated as zero. All concentration data equal to or above the QL used for the analysis shall be treated as it is reported. An arithmetic average shall be calculated using all reported data for the month, including the defined zeros. This arithmetic average shall be reported on the Discharge Monitoring Report (DMR) as calculated. If all data are below the QL used for the analysis, then the average shall be reported as "<QL". If reporting for quantity is required on the DMR and the reported monthly average concentration is <QL, then report "<QL" for the quantity. Otherwise use the reported concentration data (including the defined zeros) and flow data for each sample day to determine the daily quantity and report the monthly average of the calculated daily quantities.

Daily Maximum – Compliance with the daily maximum limitations and/or reporting requirements for the parameters listed in Part I.C.1 shall be determined as follows: All concentration data below the QL used for the analysis shall be treated as zero. All concentration data equal to or above the QL used for the analysis shall be treated as reported. An arithmetic average shall be calculated using all reported data, including the defined zeros, collected within each day during the reporting month. The maximum value of these daily averages thus determined shall be reported on the DMR as the Daily Maximum. If all data are below the QL used for the analysis, then the maximum value of the daily averages shall be reported as "<QL". If reporting for quantity is required on the DMR and the reported daily maximum concentration is <QL, then report "<QL" for the quantity. Otherwise use the reported daily average concentrations (including the defined zeros) and corresponding daily flows to determine daily average quantities and report the maximum of the daily average quantities during the reporting month.

Loading Derivation
If 1 ppm (= 1 mg/L) and 1 MGD (= 1 MG/day)
--> (1 mg/L)(1 MG/day)(3.785 L/Gal)(10^6 Gal/MG)(1 lb/453,600 mg) = 8.34 lbs/day
--> lbs/day = ppm * 8.34 * MGD
--> kg/d = ppm * 8.34 * MGD * 0.4536*lb/d

Concentration Derivation
If 1 lb/d and 1 MGD (= 1 MG/day)
[(1 lbs/day)(453,600 mg/lb)] / [(1 MG/d)(10^6 Gal/MG)(3.785 L/Gal)]
--> ppm = lb/d * (1/8.34) * (1/MGD)

	BOD
8/3/2017	0
8/10/2017	0
8/17/2017	0
8/24/2017	0
8/31/2017	0
AVG	0

	TSS
8/3/2017	0
8/10/2017	0
8/17/2017	0
8/24/2017	0
8/31/2017	0
AVG	0

	CS2*	
8/31/2017	<QL	ug/L
	<QL	mg/L
	<QL	kg/d

*Note: CS2 EPA Test Method: 8260 MSV Low Level Analytical Method (EPA 8260)
Report Limit 2 ug/L
MDL 1.2 ug/L

FMC Corporation
2929 Walnut Street
Philadelphia, PA 19104
USA

215.299.6000
fmc.com

Transmitted via Email

August 7, 2017

Department of Environmental Quality - CO
Office of Remediation Program
P.O. Box 1105
Richmond, VA 23218

Re: Submission of Discharge Monitoring Report – July 2017
Avtex Fibers Superfund Site
Front Royal, Virginia

Dear Ms Payne:

In accordance with the Applicable or Relevant and Appropriate Requirements (ARARs) and Fact Sheet provided July 22, 2014, FMC Corporation (FMC) is submitting the Discharge Monitoring Report (DMR) for the month of July 2017. The permit is for the discharge from the Groundwater and Leachate Treatment Plant (GLTP) located at 404 Kendrick Lane, Front Royal, VA. Analysis of effluent concentrations yielded results within the allowable limits for all parameters.

Please do not hesitate to call if there are any questions.

Sincerely,

FMC Corporation

Brian M. McGinnis, P.E.
Manager, Environmental Remediation

cc: via Email
Brandon Kiracofe, DEQ
Jeffrey Thomas, USEPA
Heather Philip, Parsons

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different) — OMB No. 2040-004

NAME:	Avtex Fibers		NA		004		**DMR MAILING ZIP CODE:**					23218
ADDRESS:	404 Kendrick Lane		**PERMIT NUMBER**		**DISCHARGE NUMBER**							
	Front Royal, VA 22630						DESCRIPTION:					
			MONITORING PERIOD				GLTP EFFLUENT (OUTFALL 004)					
FACILITY:	AVTEX FIBERS		**YEAR** / **MO** / **DAY**		**YEAR** / **MO** / **DAY**		External Outfall					
LOCATION:	FRONT ROYAL, VA	**FROM**	17 / 07 / 01	TO	17 / 07 / 31					**No Discharge**		
ATTN:												

PARAMETER		QUANTITY OR LOADING VALUE	QUANTITY OR LOADING VALUE	UNITS	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	UNITS	**NO. EX**	FREQUENCY OF ANALYSIS	**SAMPLE TYPE**
FLOW	**SAMPLE MEASUREMENT**	0.078	0.091	MGD	*****	*****	*****		0	CONTINUOUS	TIRE
00056 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	REPORT MONTHLY AV	REPORT DAILY MAX		******	******	******			CONTINUOUS	TIRE
PH	**SAMPLE MEASUREMENT**	*****	*****		7.1	*****	7.6		0	CONTINUOUS	GRAB
00400 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	******	******		6.5 MINIMUM	******	9.0 MAXIMUM	SU		CONTINUOUS	GRAB
BOD, 5-DAY	**SAMPLE MEASUREMENT**	<QL	<QL		*****	<QL	<QL		0	1/7	8 HC
00318 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	36 MONTHLY AV	96 DAILY MAX	kg/d	******	24 MONTHLY AV	64 DAILY MX	mg/L		1/7	8 HC
SOLIDS, TOTAL SUSPENDED	**SAMPLE MEASUREMENT**	<QL	<QL		*****	<QL	<QL		0	1/7	8 HC
03603 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	60 MONTHLY AV	190 DAILY MAX	kg/d	******	40 MONTHLY AV	130 DAILY MX	mg/L		1/7	8 HC
CARBON DISULFIDE	**SAMPLE MEASUREMENT**	<QL	<QL		*****	<QL	<QL		0	1/30	8 HC
77041 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	NL MONTHLY AV	NL DAILY MAX	kg/d	******	NL MONTHLY AV	NL DAILY MX	mg/L		1/30	8 HC
WHOLE EFFLUENT TOXICITY - *Ceriodaphnia dubia*	**SAMPLE MEASUREMENT**	*****	*****		*****	*****	*****				8 HC
22414 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	*****	*****		*****	*****	1.0 DAILY MX			1/90	8 HC
WHOLE EFFLUENT TOXICITY - *Pimephales promelas*	**SAMPLE MEASUREMENT**	*****	*****		*****	*****	*****				8 HC
22414 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	*****	*****		*****	*****	1.0 DAILY MX	µg/L		1/90	8 HC

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE
Brian McGinnis	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.			
Manager, Environmental Remediation				
	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	215	299-6047	
TYPED OR PRINTED		AREA	NUMBER	YEAR / MO / DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

Attachment: pH compliance monitoring summary (monthly)

Carbon disulfide: No limit established; monitored monthly; 0.1 mg/L action level

Avtex Fibers
Front Royal, VA
Outfall 004
July 2017 DMR

pH Calculations:

Date And Time	pH	Date And Time	pH	Date And Time	pH
7/1/2017 12:00 AM	7.42	7/2/2017 12:00 AM	7.45	7/3/2017 12:00 AM	7.38
7/1/2017 12:15 AM	7.42	7/2/2017 12:15 AM	7.45	7/3/2017 12:15 AM	7.35
7/1/2017 12:30 AM		7/2/2017 12:30 AM	7.45	7/3/2017 12:30 AM	7.33
7/1/2017 12:45 AM	7.48	7/2/2017 12:45 AM	7.44	7/3/2017 12:45 AM	7.32
7/1/2017 1:00 AM	7.45	7/2/2017 1:00 AM	7.43	7/3/2017 1:00 AM	7.31
7/1/2017 1:15 AM	7.42	7/2/2017 1:15 AM	7.42	7/3/2017 1:15 AM	7.31
7/1/2017 1:30 AM	7.49	7/2/2017 1:30 AM	7.41	7/3/2017 1:30 AM	7.30
7/1/2017 1:45 AM	7.53	7/2/2017 1:45 AM	7.41	7/3/2017 1:45 AM	7.30
7/1/2017 2:00 AM	7.52	7/2/2017 2:00 AM	7.40	7/3/2017 2:00 AM	7.30
7/1/2017 2:15 AM	7.51	7/2/2017 2:15 AM	7.36	7/3/2017 2:15 AM	7.32
7/1/2017 2:30 AM	7.51	7/2/2017 2:30 AM	7.35	7/3/2017 2:30 AM	7.41
7/1/2017 2:45 AM	7.50	7/2/2017 2:45 AM	7.34	7/3/2017 2:45 AM	7.32
7/1/2017 3:00 AM	7.49	7/2/2017 3:00 AM	7.33	7/3/2017 3:00 AM	7.35
7/1/2017 3:15 AM	7.49	7/2/2017 3:15 AM	7.33	7/3/2017 3:15 AM	7.42
7/1/2017 3:30 AM	7.47	7/2/2017 3:30 AM	7.33	7/3/2017 3:30 AM	7.42
7/1/2017 3:45 AM	7.42	7/2/2017 3:45 AM	7.32	7/3/2017 3:45 AM	7.42
7/1/2017 4:00 AM	7.41	7/2/2017 4:00 AM	7.41	7/3/2017 4:00 AM	7.41
7/1/2017 4:15 AM	7.40	7/2/2017 4:15 AM	7.44	7/3/2017 4:15 AM	7.40
7/1/2017 4:30 AM	7.39	7/2/2017 4:30 AM	7.45	7/3/2017 4:30 AM	7.40
7/1/2017 4:45 AM	7.39	7/2/2017 4:45 AM	7.44	7/3/2017 4:45 AM	7.39
7/1/2017 5:00 AM	7.39	7/2/2017 5:00 AM	7.43	7/3/2017 5:00 AM	7.38
7/1/2017 5:15 AM	7.38	7/2/2017 5:15 AM	7.43	7/3/2017 5:15 AM	7.38
7/1/2017 5:30 AM	7.47	7/2/2017 5:30 AM	7.42	7/3/2017 5:30 AM	7.37
7/1/2017 5:45 AM	7.51	7/2/2017 5:45 AM	7.42	7/3/2017 5:45 AM	7.37
7/1/2017 6:00 AM	7.51	7/2/2017 6:00 AM	7.41	7/3/2017 6:00 AM	7.37
7/1/2017 6:15 AM	7.51	7/2/2017 6:15 AM	7.41	7/3/2017 6:15 AM	7.36
7/1/2017 6:30 AM	7.50	7/2/2017 6:30 AM	7.37	7/3/2017 6:30 AM	7.36
7/1/2017 6:45 AM	7.49	7/2/2017 6:45 AM	7.34	7/3/2017 6:45 AM	7.30
7/1/2017 7:00 AM	7.49	7/2/2017 7:00 AM	7.33	7/3/2017 7:00 AM	7.28
7/1/2017 7:15 AM	7.49	7/2/2017 7:15 AM	7.32	7/3/2017 7:15 AM	7.37
7/1/2017 7:30 AM	7.50	7/2/2017 7:30 AM	7.31	7/3/2017 7:30 AM	7.39
7/1/2017 7:45 AM	7.51	7/2/2017 7:45 AM	7.31	7/3/2017 7:45 AM	7.39
7/1/2017 8:00 AM	7.47	7/2/2017 8:00 AM	7.30	7/3/2017 8:00 AM	7.41
7/1/2017 8:15 AM	7.41	7/2/2017 8:15 AM	7.31	7/3/2017 8:15 AM	7.41
7/1/2017 8:30 AM	7.40	7/2/2017 8:30 AM	7.47	7/3/2017 8:30 AM	7.42
7/1/2017 8:45 AM	7.38	7/2/2017 8:45 AM	7.49	7/3/2017 8:45 AM	7.42
7/1/2017 9:00 AM	7.37	7/2/2017 9:00 AM	7.48	7/3/2017 9:00 AM	7.42
7/1/2017 9:15 AM	7.36	7/2/2017 9:15 AM	7.48	7/3/2017 9:15 AM	7.42
7/1/2017 9:30 AM	7.36	7/2/2017 9:30 AM	7.46	7/3/2017 9:30 AM	7.41
7/1/2017 9:45 AM	7.39	7/2/2017 9:45 AM	7.45	7/3/2017 9:45 AM	7.35
7/1/2017 10:00 AM	7.52	7/2/2017 10:00 AM	7.44	7/3/2017 10:00 AM	7.34
7/1/2017 10:15 AM	7.54	7/2/2017 10:15 AM	7.43	7/3/2017 10:15 AM	7.31
7/1/2017 10:30 AM	7.53	7/2/2017 10:30 AM	7.42	7/3/2017 10:30 AM	7.30
7/1/2017 10:45 AM	7.52	7/2/2017 10:45 AM	7.44	7/3/2017 10:45 AM	7.29
7/1/2017 11:00 AM	7.51	7/2/2017 11:00 AM	7.45	7/3/2017 11:00 AM	7.28

7/1/2017 11:15 AM	7.50	7/2/2017 11:15 AM	7.41	7/3/2017 11:15 AM	7.28
7/1/2017 11:30 AM	7.49	7/2/2017 11:30 AM	7.38	7/3/2017 11:30 AM	7.41
7/1/2017 11:45 AM	7.49	7/2/2017 11:45 AM	7.36	7/3/2017 11:45 AM	7.44
7/1/2017 12:00 PM	7.49	7/2/2017 12:00 PM	7.35	7/3/2017 12:00 PM	7.43
7/1/2017 12:15 PM	7.49	7/2/2017 12:15 PM	7.34	7/3/2017 12:15 PM	7.42
7/1/2017 12:30 PM	7.52	7/2/2017 12:30 PM	7.34	7/3/2017 12:30 PM	7.42
7/1/2017 12:45 PM	7.51	7/2/2017 12:45 PM	7.41	7/3/2017 12:45 PM	7.41
7/1/2017 1:00 PM	7.46	7/2/2017 1:00 PM	7.48	7/3/2017 1:00 PM	7.41
7/1/2017 1:15 PM	7.43	7/2/2017 1:15 PM	7.48	7/3/2017 1:15 PM	7.40
7/1/2017 1:30 PM	7.41	7/2/2017 1:30 PM	7.47	7/3/2017 1:30 PM	7.39
7/1/2017 1:45 PM	7.40	7/2/2017 1:45 PM	7.46	7/3/2017 1:45 PM	7.37
7/1/2017 2:00 PM	7.39	7/2/2017 2:00 PM	7.46	7/3/2017 2:00 PM	7.41
7/1/2017 2:15 PM	7.35	7/2/2017 2:15 PM	7.46	7/3/2017 2:15 PM	7.43
7/1/2017 2:30 PM	7.50	7/2/2017 2:30 PM	7.45	7/3/2017 2:30 PM	7.38
7/1/2017 2:45 PM	7.53	7/2/2017 2:45 PM	7.43	7/3/2017 2:45 PM	7.35
7/1/2017 3:00 PM	7.52	7/2/2017 3:00 PM	7.41	7/3/2017 3:00 PM	7.33
7/1/2017 3:15 PM	7.50	7/2/2017 3:15 PM	7.45	7/3/2017 3:15 PM	7.32
7/1/2017 3:30 PM	7.49	7/2/2017 3:30 PM	7.48	7/3/2017 3:30 PM	7.31
7/1/2017 3:45 PM	7.48	7/2/2017 3:45 PM	7.44	7/3/2017 3:45 PM	7.31
7/1/2017 4:00 PM	7.47	7/2/2017 4:00 PM	7.40	7/3/2017 4:00 PM	7.38
7/1/2017 4:15 PM	7.45	7/2/2017 4:15 PM	7.38	7/3/2017 4:15 PM	7.43
7/1/2017 4:30 PM	7.44	7/2/2017 4:30 PM	7.37	7/3/2017 4:30 PM	7.43
7/1/2017 4:45 PM	7.44	7/2/2017 4:45 PM	7.36	7/3/2017 4:45 PM	7.43
7/1/2017 5:00 PM	7.43	7/2/2017 5:00 PM	7.31	7/3/2017 5:00 PM	7.41
7/1/2017 5:15 PM	7.43	7/2/2017 5:15 PM	7.43	7/3/2017 5:15 PM	7.40
7/1/2017 5:30 PM	7.42	7/2/2017 5:30 PM	7.47	7/3/2017 5:30 PM	7.39
7/1/2017 5:45 PM	7.45	7/2/2017 5:45 PM	7.48	7/3/2017 5:45 PM	7.38
7/1/2017 6:00 PM	7.45	7/2/2017 6:00 PM	7.47	7/3/2017 6:00 PM	7.38
7/1/2017 6:15 PM	7.42	7/2/2017 6:15 PM	7.46	7/3/2017 6:15 PM	7.37
7/1/2017 6:30 PM	7.50	7/2/2017 6:30 PM	7.44	7/3/2017 6:30 PM	7.37
7/1/2017 6:45 PM	7.47	7/2/2017 6:45 PM	7.43	7/3/2017 6:45 PM	7.37
7/1/2017 7:00 PM	7.42	7/2/2017 7:00 PM	7.41	7/3/2017 7:00 PM	7.35
7/1/2017 7:15 PM	7.40	7/2/2017 7:15 PM	7.40	7/3/2017 7:15 PM	7.34
7/1/2017 7:30 PM	7.42	7/2/2017 7:30 PM	7.40	7/3/2017 7:30 PM	7.33
7/1/2017 7:45 PM	7.48	7/2/2017 7:45 PM	7.39	7/3/2017 7:45 PM	7.33
7/1/2017 8:00 PM	7.49	7/2/2017 8:00 PM	7.42	7/3/2017 8:00 PM	7.32
7/1/2017 8:15 PM	7.48	7/2/2017 8:15 PM	7.43	7/3/2017 8:15 PM	7.31
7/1/2017 8:30 PM	7.47	7/2/2017 8:30 PM	7.39	7/3/2017 8:30 PM	7.30
7/1/2017 8:45 PM	7.45	7/2/2017 8:45 PM	7.36	7/3/2017 8:45 PM	7.29
7/1/2017 9:00 PM	7.44	7/2/2017 9:00 PM	7.34	7/3/2017 9:00 PM	7.28
7/1/2017 9:15 PM	7.43	7/2/2017 9:15 PM	7.33	7/3/2017 9:15 PM	7.28
7/1/2017 9:30 PM	7.42	7/2/2017 9:30 PM	7.33	7/3/2017 9:30 PM	7.27
7/1/2017 9:45 PM	7.43	7/2/2017 9:45 PM	7.32	7/3/2017 9:45 PM	7.27
7/1/2017 10:00 PM	7.42	7/2/2017 10:00 PM	7.39	7/3/2017 10:00 PM	7.26
7/1/2017 10:15 PM	7.39	7/2/2017 10:15 PM	7.42	7/3/2017 10:15 PM	7.25
7/1/2017 10:30 PM	7.37	7/2/2017 10:30 PM	7.42	7/3/2017 10:30 PM	7.25
7/1/2017 10:45 PM	7.36	7/2/2017 10:45 PM	7.42	7/3/2017 10:45 PM	7.32
7/1/2017 11:00 PM	7.35	7/2/2017 11:00 PM	7.41	7/3/2017 11:00 PM	7.37
7/1/2017 11:15 PM	7.35	7/2/2017 11:15 PM	7.40	7/3/2017 11:15 PM	7.33
7/1/2017 11:30 PM	7.32	7/2/2017 11:30 PM	7.39	7/3/2017 11:30 PM	7.29
7/1/2017 11:45 PM	7.43	7/2/2017 11:45 PM	7.39	7/3/2017 11:45 PM	7.27
AVG	7.45	AVG	7.41	AVG	7.36

Note: Communications loss on 7/1/2017 at 12:30AM, data for this time is not included in the average.

Date And Time	pH	Date And Time	pH	Date And Time	pH
7/4/2017 12:00 AM	7.26	7/5/2017 12:00 AM	7.35	7/6/2017 12:00 AM	7.48
7/4/2017 12:15 AM	7.26	7/5/2017 12:15 AM	7.34	7/6/2017 12:15 AM	7.48
7/4/2017 12:30 AM	7.25	7/5/2017 12:30 AM	7.33	7/6/2017 12:30 AM	7.48
7/4/2017 12:45 AM	7.28	7/5/2017 12:45 AM	7.43	7/6/2017 12:45 AM	7.48
7/4/2017 1:00 AM	7.33	7/5/2017 1:00 AM	7.46	7/6/2017 1:00 AM	7.47
7/4/2017 1:15 AM	7.28	7/5/2017 1:15 AM	7.46	7/6/2017 1:15 AM	7.46
7/4/2017 1:30 AM	7.30	7/5/2017 1:30 AM	7.45	7/6/2017 1:30 AM	7.44
7/4/2017 1:45 AM	7.37	7/5/2017 1:45 AM	7.44	7/6/2017 1:45 AM	7.42
7/4/2017 2:00 AM	7.37	7/5/2017 2:00 AM	7.42	7/6/2017 2:00 AM	7.42
7/4/2017 2:15 AM	7.37	7/5/2017 2:15 AM	7.36	7/6/2017 2:15 AM	7.41
7/4/2017 2:30 AM	7.36	7/5/2017 2:30 AM	7.35	7/6/2017 2:30 AM	7.49
7/4/2017 2:45 AM	7.35	7/5/2017 2:45 AM	7.35	7/6/2017 2:45 AM	7.52
7/4/2017 3:00 AM	7.35	7/5/2017 3:00 AM	7.34	7/6/2017 3:00 AM	7.52
7/4/2017 3:15 AM	7.34	7/5/2017 3:15 AM	7.34	7/6/2017 3:15 AM	7.52
7/4/2017 3:30 AM	7.34	7/5/2017 3:30 AM	7.35	7/6/2017 3:30 AM	7.51
7/4/2017 3:45 AM	7.33	7/5/2017 3:45 AM	7.40	7/6/2017 3:45 AM	7.51
7/4/2017 4:00 AM	7.33	7/5/2017 4:00 AM	7.47	7/6/2017 4:00 AM	7.50
7/4/2017 4:15 AM	7.32	7/5/2017 4:15 AM	7.48	7/6/2017 4:15 AM	7.50
7/4/2017 4:30 AM	7.32	7/5/2017 4:30 AM	7.47	7/6/2017 4:30 AM	7.49
7/4/2017 4:45 AM	7.32	7/5/2017 4:45 AM	7.46	7/6/2017 4:45 AM	7.49
7/4/2017 5:00 AM	7.32	7/5/2017 5:00 AM	7.46	7/6/2017 5:00 AM	7.50
7/4/2017 5:15 AM	7.31	7/5/2017 5:15 AM	7.45	7/6/2017 5:15 AM	7.43
7/4/2017 5:30 AM	7.31	7/5/2017 5:30 AM	7.44	7/6/2017 5:30 AM	7.42
7/4/2017 5:45 AM	7.31	7/5/2017 5:45 AM	7.44	7/6/2017 5:45 AM	7.41
7/4/2017 6:00 AM	7.31	7/5/2017 6:00 AM	7.43	7/6/2017 6:00 AM	7.41
7/4/2017 6:15 AM	7.30	7/5/2017 6:15 AM	7.43	7/6/2017 6:15 AM	7.41
7/4/2017 6:30 AM	7.30	7/5/2017 6:30 AM	7.41	7/6/2017 6:30 AM	7.40
7/4/2017 6:45 AM	7.30	7/5/2017 6:45 AM	7.37	7/6/2017 6:45 AM	7.40
7/4/2017 7:00 AM	7.30	7/5/2017 7:00 AM	7.36	7/6/2017 7:00 AM	7.50
7/4/2017 7:15 AM	7.30	7/5/2017 7:15 AM	7.35	7/6/2017 7:15 AM	7.55
7/4/2017 7:30 AM	7.30	7/5/2017 7:30 AM	7.35	7/6/2017 7:30 AM	7.55
7/4/2017 7:45 AM	7.30	7/5/2017 7:45 AM	7.35	7/6/2017 7:45 AM	7.54
7/4/2017 8:00 AM	7.30	7/5/2017 8:00 AM	7.35	7/6/2017 8:00 AM	7.54
7/4/2017 8:15 AM	7.25	7/5/2017 8:15 AM	7.37	7/6/2017 8:15 AM	7.53
7/4/2017 8:30 AM	7.24	7/5/2017 8:30 AM	7.47	7/6/2017 8:30 AM	7.52
7/4/2017 8:45 AM	7.22	7/5/2017 8:45 AM	7.49	7/6/2017 8:45 AM	7.52
7/4/2017 9:00 AM	7.22	7/5/2017 9:00 AM	7.49	7/6/2017 9:00 AM	7.51
7/4/2017 9:15 AM	7.22	7/5/2017 9:15 AM	7.48	7/6/2017 9:15 AM	7.51
7/4/2017 9:30 AM	7.21	7/5/2017 9:30 AM	7.47	7/6/2017 9:30 AM	7.46
7/4/2017 9:45 AM	7.20	7/5/2017 9:45 AM	7.46	7/6/2017 9:45 AM	7.43
7/4/2017 10:00 AM	7.35	7/5/2017 10:00 AM	7.46	7/6/2017 10:00 AM	7.42
7/4/2017 10:15 AM	7.26	7/5/2017 10:15 AM	7.46	7/6/2017 10:15 AM	7.41
7/4/2017 10:30 AM	7.23	7/5/2017 10:30 AM	7.45	7/6/2017 10:30 AM	7.41
7/4/2017 10:45 AM	7.29	7/5/2017 10:45 AM	7.45	7/6/2017 10:45 AM	7.40
7/4/2017 11:00 AM	7.39	7/5/2017 11:00 AM	7.39	7/6/2017 11:00 AM	7.40
7/4/2017 11:15 AM	7.40	7/5/2017 11:15 AM	7.38	7/6/2017 11:15 AM	7.52
7/4/2017 11:30 AM	7.40	7/5/2017 11:30 AM	7.37	7/6/2017 11:30 AM	7.56
7/4/2017 11:45 AM	7.38	7/5/2017 11:45 AM	7.36	7/6/2017 11:45 AM	7.56
7/4/2017 12:00 PM	7.37	7/5/2017 12:00 PM	7.36	7/6/2017 12:00 PM	7.55
7/4/2017 12:15 PM	7.36	7/5/2017 12:15 PM	7.36	7/6/2017 12:15 PM	7.56
7/4/2017 12:30 PM	7.36	7/5/2017 12:30 PM	7.36	7/6/2017 12:30 PM	7.58
7/4/2017 12:45 PM	7.33	7/5/2017 12:45 PM	7.40	7/6/2017 12:45 PM	7.58
7/4/2017 1:00 PM	7.32	7/5/2017 1:00 PM	7.52	7/6/2017 1:00 PM	7.57
7/4/2017 1:15 PM	7.29	7/5/2017 1:15 PM	7.54	7/6/2017 1:15 PM	7.55
7/4/2017 1:30 PM	7.27	7/5/2017 1:30 PM	7.54	7/6/2017 1:30 PM	7.54
7/4/2017 1:45 PM	7.26	7/5/2017 1:45 PM	7.52	7/6/2017 1:45 PM	7.52
7/4/2017 2:00 PM	7.26	7/5/2017 2:00 PM	7.51	7/6/2017 2:00 PM	7.52
7/4/2017 2:15 PM	7.25	7/5/2017 2:15 PM	7.49	7/6/2017 2:15 PM	7.49
7/4/2017 2:30 PM	7.25	7/5/2017 2:30 PM	7.50	7/6/2017 2:30 PM	7.48
7/4/2017 2:45 PM	7.25	7/5/2017 2:45 PM	7.50	7/6/2017 2:45 PM	7.46
7/4/2017 3:00 PM	7.25	7/5/2017 3:00 PM	7.50	7/6/2017 3:00 PM	7.44
7/4/2017 3:15 PM	7.25	7/5/2017 3:15 PM	7.49	7/6/2017 3:15 PM	7.43
7/4/2017 3:30 PM	7.31	7/5/2017 3:30 PM	7.47	7/6/2017 3:30 PM	7.42
7/4/2017 3:45 PM	7.42	7/5/2017 3:45 PM	7.46	7/6/2017 3:45 PM	7.42
7/4/2017 4:00 PM	7.42	7/5/2017 4:00 PM	7.43	7/6/2017 4:00 PM	7.44
7/4/2017 4:15 PM	7.41	7/5/2017 4:15 PM	7.42	7/6/2017 4:15 PM	7.55
7/4/2017 4:30 PM	7.40	7/5/2017 4:30 PM	7.41	7/6/2017 4:30 PM	7.57
7/4/2017 4:45 PM	7.39	7/5/2017 4:45 PM	7.40	7/6/2017 4:45 PM	7.57
7/4/2017 5:00 PM	7.40	7/5/2017 5:00 PM	7.40	7/6/2017 5:00 PM	7.57
7/4/2017 5:15 PM	7.38	7/5/2017 5:15 PM	7.49	7/6/2017 5:15 PM	7.56
7/4/2017 5:30 PM	7.36	7/5/2017 5:30 PM	7.54	7/6/2017 5:30 PM	7.55
7/4/2017 5:45 PM	7.33	7/5/2017 5:45 PM	7.54	7/6/2017 5:45 PM	7.54
7/4/2017 6:00 PM	7.31	7/5/2017 6:00 PM	7.53	7/6/2017 6:00 PM	7.53
7/4/2017 6:15 PM	7.31	7/5/2017 6:15 PM	7.51	7/6/2017 6:15 PM	7.51
7/4/2017 6:30 PM	7.30	7/5/2017 6:30 PM	7.50	7/6/2017 6:30 PM	7.49
7/4/2017 6:45 PM	7.34	7/5/2017 6:45 PM	7.50	7/6/2017 6:45 PM	7.48
7/4/2017 7:00 PM	7.42	7/5/2017 7:00 PM	7.49	7/6/2017 7:00 PM	7.47

7/4/2017 7:15 PM	7.43	7/5/2017 7:15 PM	7.48	7/6/2017 7:15 PM	7.45
7/4/2017 7:30 PM	7.43	7/5/2017 7:30 PM	7.47	7/6/2017 7:30 PM	7.44
7/4/2017 7:45 PM	7.40	7/5/2017 7:45 PM	7.47	7/6/2017 7:45 PM	7.43
7/4/2017 8:00 PM	7.38	7/5/2017 8:00 PM	7.44	7/6/2017 8:00 PM	7.42
7/4/2017 8:15 PM	7.38	7/5/2017 8:15 PM	7.44	7/6/2017 8:15 PM	7.42
7/4/2017 8:30 PM	7.36	7/5/2017 8:30 PM	7.42	7/6/2017 8:30 PM	7.46
7/4/2017 8:45 PM	7.34	7/5/2017 8:45 PM	7.41	7/6/2017 8:45 PM	7.53
7/4/2017 9:00 PM	7.36	7/5/2017 9:00 PM	7.41	7/6/2017 9:00 PM	7.54
7/4/2017 9:15 PM	7.36	7/5/2017 9:15 PM	7.40	7/6/2017 9:15 PM	7.54
7/4/2017 9:30 PM	7.37	7/5/2017 9:30 PM	7.40	7/6/2017 9:30 PM	7.53
7/4/2017 9:45 PM	7.34	7/5/2017 9:45 PM	7.39	7/6/2017 9:45 PM	7.53
7/4/2017 10:00 PM	7.33	7/5/2017 10:00 PM	7.50	7/6/2017 10:00 PM	7.52
7/4/2017 10:15 PM	7.33	7/5/2017 10:15 PM	7.53	7/6/2017 10:15 PM	7.51
7/4/2017 10:30 PM	7.32	7/5/2017 10:30 PM	7.52	7/6/2017 10:30 PM	7.51
7/4/2017 10:45 PM	7.32	7/5/2017 10:45 PM	7.51	7/6/2017 10:45 PM	7.50
7/4/2017 11:00 PM	7.32	7/5/2017 11:00 PM	7.51	7/6/2017 11:00 PM	7.44
7/4/2017 11:15 PM	7.32	7/5/2017 11:15 PM	7.50	7/6/2017 11:15 PM	7.43
7/4/2017 11:30 PM	7.33	7/5/2017 11:30 PM	7.49	7/6/2017 11:30 PM	7.42
7/4/2017 11:45 PM	7.42	7/5/2017 11:45 PM	7.49	7/6/2017 11:45 PM	7.41
AVG	7.32	AVG	7.44	AVG	7.49

Date And Time	pH	Date And Time	pH	Date And Time	pH
7/7/2017 12:00 AM	7.41	7/8/2017 12:00 AM	7.52	7/9/2017 12:00 AM	7.42
7/7/2017 12:15 AM	7.40	7/8/2017 12:15 AM	7.51	7/9/2017 12:15 AM	7.42
7/7/2017 12:30 AM	7.40	7/8/2017 12:30 AM	7.51	7/9/2017 12:30 AM	7.39
7/7/2017 12:45 AM	7.47	7/8/2017 12:45 AM	7.50	7/9/2017 12:45 AM	7.35
7/7/2017 1:00 AM	7.54	7/8/2017 1:00 AM	7.49	7/9/2017 1:00 AM	7.34
7/7/2017 1:15 AM	7.55	7/8/2017 1:15 AM	7.49	7/9/2017 1:15 AM	7.33
7/7/2017 1:30 AM	7.54	7/8/2017 1:30 AM	7.49	7/9/2017 1:30 AM	7.33
7/7/2017 1:45 AM	7.53	7/8/2017 1:45 AM	7.48	7/9/2017 1:45 AM	7.33
7/7/2017 2:00 AM	7.52	7/8/2017 2:00 AM	7.42	7/9/2017 2:00 AM	7.32
7/7/2017 2:15 AM	7.52	7/8/2017 2:15 AM	7.41	7/9/2017 2:15 AM	7.32
7/7/2017 2:30 AM	7.51	7/8/2017 2:30 AM	7.40	7/9/2017 2:30 AM	7.41
7/7/2017 2:45 AM	7.51	7/8/2017 2:45 AM	7.39	7/9/2017 2:45 AM	7.45
7/7/2017 3:00 AM	7.50	7/8/2017 3:00 AM	7.39	7/9/2017 3:00 AM	7.46
7/7/2017 3:15 AM	7.50	7/8/2017 3:15 AM	7.38	7/9/2017 3:15 AM	7.45
7/7/2017 3:30 AM	7.47	7/8/2017 3:30 AM	7.38	7/9/2017 3:30 AM	7.44
7/7/2017 3:45 AM	7.42	7/8/2017 3:45 AM	7.45	7/9/2017 3:45 AM	7.44
7/7/2017 4:00 AM	7.41	7/8/2017 4:00 AM	7.52	7/9/2017 4:00 AM	7.43
7/7/2017 4:15 AM	7.40	7/8/2017 4:15 AM	7.53	7/9/2017 4:15 AM	7.42
7/7/2017 4:30 AM	7.40	7/8/2017 4:30 AM	7.52	7/9/2017 4:30 AM	7.41
7/7/2017 4:45 AM	7.40	7/8/2017 4:45 AM	7.51	7/9/2017 4:45 AM	7.39
7/7/2017 5:00 AM	7.39	7/8/2017 5:00 AM	7.50	7/9/2017 5:00 AM	7.34
7/7/2017 5:15 AM	7.34	7/8/2017 5:15 AM	7.50	7/9/2017 5:15 AM	7.33
7/7/2017 5:30 AM	7.50	7/8/2017 5:30 AM	7.49	7/9/2017 5:30 AM	7.32
7/7/2017 5:45 AM	7.54	7/8/2017 5:45 AM	7.48	7/9/2017 5:45 AM	7.31
7/7/2017 6:00 AM	7.54	7/8/2017 6:00 AM	7.48	7/9/2017 6:00 AM	7.31
7/7/2017 6:15 AM	7.53	7/8/2017 6:15 AM	7.49	7/9/2017 6:15 AM	7.31
7/7/2017 6:30 AM	7.52	7/8/2017 6:30 AM	7.40	7/9/2017 6:30 AM	7.31
7/7/2017 6:45 AM	7.51	7/8/2017 6:45 AM	7.39	7/9/2017 6:45 AM	7.36
7/7/2017 7:00 AM	7.51	7/8/2017 7:00 AM	7.38	7/9/2017 7:00 AM	7.44
7/7/2017 7:15 AM	7.50	7/8/2017 7:15 AM	7.37	7/9/2017 7:15 AM	7.45
7/7/2017 7:30 AM	7.50	7/8/2017 7:30 AM	7.37	7/9/2017 7:30 AM	7.44
7/7/2017 7:45 AM	7.49	7/8/2017 7:45 AM	7.36	7/9/2017 7:45 AM	7.43
7/7/2017 8:00 AM	7.49	7/8/2017 8:00 AM	7.36	7/9/2017 8:00 AM	7.44
7/7/2017 8:15 AM	7.49	7/8/2017 8:15 AM	7.49	7/9/2017 8:15 AM	7.46
7/7/2017 8:30 AM	7.49	7/8/2017 8:30 AM	7.54	7/9/2017 8:30 AM	7.47
7/7/2017 8:45 AM	7.49	7/8/2017 8:45 AM	7.54	7/9/2017 8:45 AM	7.46
7/7/2017 9:00 AM	7.49	7/8/2017 9:00 AM	7.54	7/9/2017 9:00 AM	7.46
7/7/2017 9:15 AM	7.49	7/8/2017 9:15 AM	7.53	7/9/2017 9:15 AM	7.45
7/7/2017 9:30 AM	7.42	7/8/2017 9:30 AM	7.52	7/9/2017 9:30 AM	7.39
7/7/2017 9:45 AM	7.40	7/8/2017 9:45 AM	7.51	7/9/2017 9:45 AM	7.38
7/7/2017 10:00 AM	7.38	7/8/2017 10:00 AM	7.49	7/9/2017 10:00 AM	7.36
7/7/2017 10:15 AM	7.37	7/8/2017 10:15 AM	7.48	7/9/2017 10:15 AM	7.33
7/7/2017 10:30 AM	7.46	7/8/2017 10:30 AM	7.48	7/9/2017 10:30 AM	7.32
7/7/2017 10:45 AM	7.54	7/8/2017 10:45 AM	7.48	7/9/2017 10:45 AM	7.31
7/7/2017 11:00 AM	7.54	7/8/2017 11:00 AM	7.47	7/9/2017 11:00 AM	7.32
7/7/2017 11:15 AM	7.54	7/8/2017 11:15 AM	7.45	7/9/2017 11:15 AM	7.43
7/7/2017 11:30 AM	7.54	7/8/2017 11:30 AM	7.42	7/9/2017 11:30 AM	7.46
7/7/2017 11:45 AM	7.53	7/8/2017 11:45 AM	7.40	7/9/2017 11:45 AM	7.46
7/7/2017 12:00 PM	7.53	7/8/2017 12:00 PM	7.38	7/9/2017 12:00 PM	7.46
7/7/2017 12:15 PM	7.53	7/8/2017 12:15 PM	7.37	7/9/2017 12:15 PM	7.45
7/7/2017 12:30 PM	7.53	7/8/2017 12:30 PM	7.32	7/9/2017 12:30 PM	7.44
7/7/2017 12:45 PM	7.50	7/8/2017 12:45 PM	7.48	7/9/2017 12:45 PM	7.44
7/7/2017 1:00 PM	7.47	7/8/2017 1:00 PM	7.54	7/9/2017 1:00 PM	7.44
7/7/2017 1:15 PM	7.44	7/8/2017 1:15 PM	7.53	7/9/2017 1:15 PM	7.42
7/7/2017 1:30 PM	7.41	7/8/2017 1:30 PM	7.52	7/9/2017 1:30 PM	7.41
7/7/2017 1:45 PM	7.40	7/8/2017 1:45 PM	7.51	7/9/2017 1:45 PM	7.42
7/7/2017 2:00 PM	7.43	7/8/2017 2:00 PM	7.51	7/9/2017 2:00 PM	7.42
7/7/2017 2:15 PM	7.55	7/8/2017 2:15 PM	7.50	7/9/2017 2:15 PM	7.41
7/7/2017 2:30 PM	7.55	7/8/2017 2:30 PM	7.49	7/9/2017 2:30 PM	7.38
7/7/2017 2:45 PM	7.54	7/8/2017 2:45 PM	7.48	7/9/2017 2:45 PM	7.34
7/7/2017 3:00 PM	7.53	7/8/2017 3:00 PM	7.47	7/9/2017 3:00 PM	7.33
7/7/2017 3:15 PM	7.51	7/8/2017 3:15 PM	7.45	7/9/2017 3:15 PM	7.32
7/7/2017 3:30 PM	7.49	7/8/2017 3:30 PM	7.43	7/9/2017 3:30 PM	7.31
7/7/2017 3:45 PM	7.47	7/8/2017 3:45 PM	7.41	7/9/2017 3:45 PM	7.30
7/7/2017 4:00 PM	7.46	7/8/2017 4:00 PM	7.40	7/9/2017 4:00 PM	7.32
7/7/2017 4:15 PM	7.45	7/8/2017 4:15 PM	7.40	7/9/2017 4:15 PM	7.43
7/7/2017 4:30 PM	7.45	7/8/2017 4:30 PM	7.39	7/9/2017 4:30 PM	7.46
7/7/2017 4:45 PM	7.45	7/8/2017 4:45 PM	7.39	7/9/2017 4:45 PM	7.45
7/7/2017 5:00 PM	7.49	7/8/2017 5:00 PM	7.44	7/9/2017 5:00 PM	7.44
7/7/2017 5:15 PM	7.53	7/8/2017 5:15 PM	7.49	7/9/2017 5:15 PM	7.43
7/7/2017 5:30 PM	7.48	7/8/2017 5:30 PM	7.44	7/9/2017 5:30 PM	7.41
7/7/2017 5:45 PM	7.45	7/8/2017 5:45 PM	7.34	7/9/2017 5:45 PM	7.41
7/7/2017 6:00 PM	7.43	7/8/2017 6:00 PM	7.43	7/9/2017 6:00 PM	7.42
7/7/2017 6:15 PM	7.42	7/8/2017 6:15 PM	7.48	7/9/2017 6:15 PM	7.40
7/7/2017 6:30 PM	7.41	7/8/2017 6:30 PM	7.50	7/9/2017 6:30 PM	7.40
7/7/2017 6:45 PM	7.41	7/8/2017 6:45 PM	7.50	7/9/2017 6:45 PM	7.38
7/7/2017 7:00 PM	7.54	7/8/2017 7:00 PM	7.49	7/9/2017 7:00 PM	7.36

7/7/2017 7:15 PM	7.56	7/8/2017 7:15 PM	7.47	7/9/2017 7:15 PM	7.33
7/7/2017 7:30 PM	7.55	7/8/2017 7:30 PM	7.45	7/9/2017 7:30 PM	7.32
7/7/2017 7:45 PM	7.53	7/8/2017 7:45 PM	7.42	7/9/2017 7:45 PM	7.31
7/7/2017 8:00 PM	7.51	7/8/2017 8:00 PM	7.44	7/9/2017 8:00 PM	7.30
7/7/2017 8:15 PM	7.50	7/8/2017 8:15 PM	7.45	7/9/2017 8:15 PM	7.35
7/7/2017 8:30 PM	7.48	7/8/2017 8:30 PM	7.42	7/9/2017 8:30 PM	7.41
7/7/2017 8:45 PM	7.47	7/8/2017 8:45 PM	7.39	7/9/2017 8:45 PM	7.42
7/7/2017 9:00 PM	7.46	7/8/2017 9:00 PM	7.37	7/9/2017 9:00 PM	7.41
7/7/2017 9:15 PM	7.47	7/8/2017 9:15 PM	7.36	7/9/2017 9:15 PM	7.40
7/7/2017 9:30 PM	7.46	7/8/2017 9:30 PM	7.36	7/9/2017 9:30 PM	7.39
7/7/2017 9:45 PM	7.44	7/8/2017 9:45 PM	7.37	7/9/2017 9:45 PM	7.38
7/7/2017 10:00 PM	7.43	7/8/2017 10:00 PM	7.45	7/9/2017 10:00 PM	7.37
7/7/2017 10:15 PM	7.42	7/8/2017 10:15 PM	7.46	7/9/2017 10:15 PM	7.37
7/7/2017 10:30 PM	7.41	7/8/2017 10:30 PM	7.45	7/9/2017 10:30 PM	7.36
7/7/2017 10:45 PM	7.41	7/8/2017 10:45 PM	7.45	7/9/2017 10:45 PM	7.36
7/7/2017 11:00 PM	7.40	7/8/2017 11:00 PM	7.44	7/9/2017 11:00 PM	7.34
7/7/2017 11:15 PM	7.43	7/8/2017 11:15 PM	7.44	7/9/2017 11:15 PM	7.31
7/7/2017 11:30 PM	7.51	7/8/2017 11:30 PM	7.43	7/9/2017 11:30 PM	7.30
7/7/2017 11:45 PM	7.52	7/8/2017 11:45 PM	7.43	7/9/2017 11:45 PM	7.28
AVG	7.48	AVG	7.45	AVG	7.39

Date And Time	pH	Date And Time	pH	Date And Time	pH
7/10/2017 12:00 AM	7.27	7/11/2017 12:00 AM	7.39	7/12/2017 12:00 AM	7.34
7/10/2017 12:15 AM	7.27	7/11/2017 12:15 AM	7.38	7/12/2017 12:15 AM	7.34
7/10/2017 12:30 AM	7.27	7/11/2017 12:30 AM	7.37	7/12/2017 12:30 AM	7.32
7/10/2017 12:45 AM	7.26	7/11/2017 12:45 AM	7.36	7/12/2017 12:45 AM	7.26
7/10/2017 1:00 AM	7.35	7/11/2017 1:00 AM	7.36	7/12/2017 1:00 AM	7.25
7/10/2017 1:15 AM	7.38	7/11/2017 1:15 AM	7.35	7/12/2017 1:15 AM	7.25
7/10/2017 1:30 AM	7.39	7/11/2017 1:30 AM	7.34	7/12/2017 1:30 AM	7.24
7/10/2017 1:45 AM	7.38	7/11/2017 1:45 AM	7.33	7/12/2017 1:45 AM	7.24
7/10/2017 2:00 AM	7.37	7/11/2017 2:00 AM	7.32	7/12/2017 2:00 AM	7.24
7/10/2017 2:15 AM	7.37	7/11/2017 2:15 AM	7.28	7/12/2017 2:15 AM	7.24
7/10/2017 2:30 AM	7.36	7/11/2017 2:30 AM	7.27	7/12/2017 2:30 AM	7.36
7/10/2017 2:45 AM	7.36	7/11/2017 2:45 AM	7.26	7/12/2017 2:45 AM	7.39
7/10/2017 3:00 AM	7.35	7/11/2017 3:00 AM	7.25	7/12/2017 3:00 AM	7.38
7/10/2017 3:15 AM	7.34	7/11/2017 3:15 AM	7.24	7/12/2017 3:15 AM	7.37
7/10/2017 3:30 AM	7.34	7/11/2017 3:30 AM	7.24	7/12/2017 3:30 AM	7.37
7/10/2017 3:45 AM	7.34	7/11/2017 3:45 AM	7.24	7/12/2017 3:45 AM	7.36
7/10/2017 4:00 AM	7.33	7/11/2017 4:00 AM	7.31	7/12/2017 4:00 AM	7.35
7/10/2017 4:15 AM	7.33	7/11/2017 4:15 AM	7.36	7/12/2017 4:15 AM	7.35
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7/10/2017 4:45 AM	7.32	7/11/2017 4:45 AM	7.36	7/12/2017 4:45 AM	7.34
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7/10/2017 5:30 AM	7.31	7/11/2017 5:30 AM	7.34	7/12/2017 5:30 AM	7.25
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7/10/2017 11:30 PM	7.38	7/11/2017 11:30 PM	7.35	7/12/2017 11:30 PM	7.34
7/10/2017 11:45 PM	7.39	7/11/2017 11:45 PM	7.34	7/12/2017 11:45 PM	7.31
AVG	7.33	AVG	7.33	AVG	7.33

Date And Time	pH	Date And Time	pH	Date And Time	pH
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7/13/2017 1:15 AM	7.38	7/14/2017 1:15 AM	7.36	7/15/2017 1:15 AM	7.33
7/13/2017 1:30 AM	7.39	7/14/2017 1:30 AM	7.36	7/15/2017 1:30 AM	7.32
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7/13/2017 2:45 AM	7.36	7/14/2017 2:45 AM	7.29	7/15/2017 2:45 AM	7.34
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7/13/2017 7:00 AM	7.41	7/14/2017 7:00 AM	7.29	7/15/2017 7:00 AM	7.45
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7/13/2017 8:15 AM	7.32	7/14/2017 8:15 AM	7.40	7/15/2017 8:15 AM	7.47
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7/13/2017 8:45 AM	7.29	7/14/2017 8:45 AM	7.25	7/15/2017 8:45 AM	7.47
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7/13/2017 9:30 AM	7.26	7/14/2017 9:30 AM	7.46	7/15/2017 9:30 AM	7.43
7/13/2017 9:45 AM	7.30	7/14/2017 9:45 AM	7.45	7/15/2017 9:45 AM	7.42
7/13/2017 10:00 AM	7.43	7/14/2017 10:00 AM	7.45	7/15/2017 10:00 AM	7.40
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7/13/2017 2:15 PM	7.41	7/14/2017 2:15 PM	7.44	7/15/2017 2:15 PM	7.48
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7/13/2017 6:45 PM	7.26	7/14/2017 6:45 PM	7.47	7/15/2017 6:45 PM	7.43
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7/13/2017 11:45 PM	7.36	7/14/2017 11:45 PM	7.41	7/15/2017 11:45 PM	7.33
AVG	7.36	AVG	7.39	AVG	7.41

Date And Time	pH	Date And Time	pH	Date And Time	pH
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7/16/2017 12:45 AM	7.32	7/17/2017 12:45 AM	7.31	7/18/2017 12:45 AM	7.41
7/16/2017 1:00 AM	7.32	7/17/2017 1:00 AM	7.30	7/18/2017 1:00 AM	7.41
7/16/2017 1:15 AM	7.40	7/17/2017 1:15 AM	7.31	7/18/2017 1:15 AM	7.40
7/16/2017 1:30 AM	7.45	7/17/2017 1:30 AM	7.40	7/18/2017 1:30 AM	7.40
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7/16/2017 2:30 AM	7.42	7/17/2017 2:30 AM	7.33	7/18/2017 2:30 AM	7.38
7/16/2017 2:45 AM	7.41	7/17/2017 2:45 AM	7.32	7/18/2017 2:45 AM	7.37
7/16/2017 3:00 AM	7.41	7/17/2017 3:00 AM	7.32	7/18/2017 3:00 AM	7.37
7/16/2017 3:15 AM	7.40	7/17/2017 3:15 AM	7.32	7/18/2017 3:15 AM	7.37
7/16/2017 3:30 AM	7.38	7/17/2017 3:30 AM	7.32	7/18/2017 3:30 AM	7.37
7/16/2017 3:45 AM	7.33	7/17/2017 3:45 AM	7.32	7/18/2017 3:45 AM	7.36
7/16/2017 4:00 AM	7.33	7/17/2017 4:00 AM	7.43	7/18/2017 4:00 AM	7.36
7/16/2017 4:15 AM	7.32	7/17/2017 4:15 AM	7.47	7/18/2017 4:15 AM	7.36
7/16/2017 4:30 AM	7.31	7/17/2017 4:30 AM	7.47	7/18/2017 4:30 AM	7.36
7/16/2017 4:45 AM	7.31	7/17/2017 4:45 AM	7.46	7/18/2017 4:45 AM	7.35
7/16/2017 5:00 AM	7.31	7/17/2017 5:00 AM	7.45	7/18/2017 5:00 AM	7.33
7/16/2017 5:15 AM	7.29	7/17/2017 5:15 AM	7.44	7/18/2017 5:15 AM	7.32
7/16/2017 5:30 AM	7.42	7/17/2017 5:30 AM	7.43	7/18/2017 5:30 AM	7.31
7/16/2017 5:45 AM	7.45	7/17/2017 5:45 AM	7.42	7/18/2017 5:45 AM	7.30
7/16/2017 6:00 AM	7.44	7/17/2017 6:00 AM	7.42	7/18/2017 6:00 AM	7.30
7/16/2017 6:15 AM	7.44	7/17/2017 6:15 AM	7.38	7/18/2017 6:15 AM	7.30
7/16/2017 6:30 AM	7.43	7/17/2017 6:30 AM	7.34	7/18/2017 6:30 AM	7.29
7/16/2017 6:45 AM	7.42	7/17/2017 6:45 AM	7.33	7/18/2017 6:45 AM	7.38
7/16/2017 7:00 AM	7.41	7/17/2017 7:00 AM	7.32	7/18/2017 7:00 AM	7.35
7/16/2017 7:15 AM	7.40	7/17/2017 7:15 AM	7.43	7/18/2017 7:15 AM	7.31
7/16/2017 7:30 AM	7.40	7/17/2017 7:30 AM	7.45	7/18/2017 7:30 AM	7.41
7/16/2017 7:45 AM	7.39	7/17/2017 7:45 AM	7.44	7/18/2017 7:45 AM	7.44
7/16/2017 8:00 AM	7.36	7/17/2017 8:00 AM	7.45	7/18/2017 8:00 AM	7.44
7/16/2017 8:15 AM	7.31	7/17/2017 8:15 AM	7.47	7/18/2017 8:15 AM	7.45
7/16/2017 8:30 AM	7.30	7/17/2017 8:30 AM	7.47	7/18/2017 8:30 AM	7.45
7/16/2017 8:45 AM	7.29	7/17/2017 8:45 AM	7.48	7/18/2017 8:45 AM	7.45
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7/16/2017 9:30 AM	7.28	7/17/2017 9:30 AM	7.45	7/18/2017 9:30 AM	7.44
7/16/2017 9:45 AM	7.41	7/17/2017 9:45 AM	7.45	7/18/2017 9:45 AM	7.38
7/16/2017 10:00 AM	7.45	7/17/2017 10:00 AM	7.44	7/18/2017 10:00 AM	7.37
7/16/2017 10:15 AM	7.46	7/17/2017 10:15 AM	7.43	7/18/2017 10:15 AM	7.34
7/16/2017 10:30 AM	7.46	7/17/2017 10:30 AM	7.42	7/18/2017 10:30 AM	7.32
7/16/2017 10:45 AM	7.46	7/17/2017 10:45 AM	7.41	7/18/2017 10:45 AM	7.31
7/16/2017 11:00 AM	7.46	7/17/2017 11:00 AM	7.41	7/18/2017 11:00 AM	7.30
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7/16/2017 11:45 AM	7.44	7/17/2017 11:45 AM	7.37	7/18/2017 11:45 AM	7.45
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7/16/2017 12:45 PM	7.43	7/17/2017 12:45 PM	7.27	7/18/2017 12:45 PM	7.45
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7/16/2017 1:30 PM	7.35	7/17/2017 1:30 PM	7.48	7/18/2017 1:30 PM	7.43
7/16/2017 1:45 PM	7.33	7/17/2017 1:45 PM	7.47	7/18/2017 1:45 PM	7.43
7/16/2017 2:00 PM	7.32	7/17/2017 2:00 PM	7.43	7/18/2017 2:00 PM	7.47
7/16/2017 2:15 PM	7.30	7/17/2017 2:15 PM	7.40	7/18/2017 2:15 PM	7.43
7/16/2017 2:30 PM	7.43	7/17/2017 2:30 PM	7.38	7/18/2017 2:30 PM	7.40
7/16/2017 2:45 PM	7.46	7/17/2017 2:45 PM	7.38	7/18/2017 2:45 PM	7.38
7/16/2017 3:00 PM	7.47	7/17/2017 3:00 PM	7.39	7/18/2017 3:00 PM	7.36
7/16/2017 3:15 PM	7.47	7/17/2017 3:15 PM	7.41	7/18/2017 3:15 PM	7.35
7/16/2017 3:30 PM	7.46	7/17/2017 3:30 PM	7.42	7/18/2017 3:30 PM	7.35
7/16/2017 3:45 PM	7.45	7/17/2017 3:45 PM	7.43	7/18/2017 3:45 PM	7.39
7/16/2017 4:00 PM	7.45	7/17/2017 4:00 PM	7.43	7/18/2017 4:00 PM	7.44
7/16/2017 4:15 PM	7.43	7/17/2017 4:15 PM	7.42	7/18/2017 4:15 PM	7.37
7/16/2017 4:30 PM	7.42	7/17/2017 4:30 PM	7.42	7/18/2017 4:30 PM	7.39
7/16/2017 4:45 PM	7.41	7/17/2017 4:45 PM	7.41	7/18/2017 4:45 PM	7.42
7/16/2017 5:00 PM	7.40	7/17/2017 5:00 PM	7.41	7/18/2017 5:00 PM	7.43
7/16/2017 5:15 PM	7.39	7/17/2017 5:15 PM	7.43	7/18/2017 5:15 PM	7.42
7/16/2017 5:30 PM	7.39	7/17/2017 5:30 PM	7.39	7/18/2017 5:30 PM	7.42
7/16/2017 5:45 PM	7.40	7/17/2017 5:45 PM	7.35	7/18/2017 5:45 PM	7.42
7/16/2017 6:00 PM	7.40	7/17/2017 6:00 PM	7.34	7/18/2017 6:00 PM	7.42
7/16/2017 6:15 PM	7.38	7/17/2017 6:15 PM	7.33	7/18/2017 6:15 PM	7.42
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7/16/2017 6:45 PM	7.41	7/17/2017 6:45 PM	7.30	7/18/2017 6:45 PM	7.44
7/16/2017 7:00 PM	7.37	7/17/2017 7:00 PM	7.42	7/18/2017 7:00 PM	7.44

7/16/2017 7:15 PM	7.34	7/17/2017 7:15 PM	7.36	7/18/2017 7:15 PM	7.44
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7/16/2017 8:45 PM	7.40	7/17/2017 8:45 PM	7.33	7/18/2017 8:45 PM	7.37
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7/16/2017 10:30 PM	7.31	7/17/2017 10:30 PM	7.34	7/18/2017 10:30 PM	7.32
7/16/2017 10:45 PM	7.31	7/17/2017 10:45 PM	7.45	7/18/2017 10:45 PM	7.31
7/16/2017 11:00 PM	7.30	7/17/2017 11:00 PM	7.46	7/18/2017 11:00 PM	7.31
7/16/2017 11:15 PM	7.31	7/17/2017 11:15 PM	7.45	7/18/2017 11:15 PM	7.34
7/16/2017 11:30 PM	7.41	7/17/2017 11:30 PM	7.45	7/18/2017 11:30 PM	7.34
7/16/2017 11:45 PM	7.33	7/17/2017 11:45 PM	7.44	7/18/2017 11:45 PM	7.32
AVG	7.39	AVG	7.39	AVG	7.38

Date And Time	pH	Date And Time	pH	Date And Time	pH
7/19/2017 12:00 AM	7.30	7/20/2017 12:00 AM	7.36	7/21/2017 12:00 AM	7.37
7/19/2017 12:15 AM	7.29	7/20/2017 12:15 AM	7.36	7/21/2017 12:15 AM	7.37
7/19/2017 12:30 AM	7.29	7/20/2017 12:30 AM	7.36	7/21/2017 12:30 AM	7.37
7/19/2017 12:45 AM	7.28	7/20/2017 12:45 AM	7.35	7/21/2017 12:45 AM	7.36
7/19/2017 1:00 AM	7.27	7/20/2017 1:00 AM	7.35	7/21/2017 1:00 AM	7.36
7/19/2017 1:15 AM	7.38	7/20/2017 1:15 AM	7.35	7/21/2017 1:15 AM	7.35
7/19/2017 1:30 AM	7.40	7/20/2017 1:30 AM	7.34	7/21/2017 1:30 AM	7.35
7/19/2017 1:45 AM	7.40	7/20/2017 1:45 AM	7.34	7/21/2017 1:45 AM	7.34
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7/19/2017 2:15 AM	7.39	7/20/2017 2:15 AM	7.29	7/21/2017 2:15 AM	7.33
7/19/2017 2:30 AM	7.38	7/20/2017 2:30 AM	7.28	7/21/2017 2:30 AM	7.33
7/19/2017 2:45 AM	7.37	7/20/2017 2:45 AM	7.27	7/21/2017 2:45 AM	7.33
7/19/2017 3:00 AM	7.37	7/20/2017 3:00 AM	7.27	7/21/2017 3:00 AM	7.32
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7/19/2017 3:30 AM	7.33	7/20/2017 3:30 AM	7.26	7/21/2017 3:30 AM	7.32
7/19/2017 3:45 AM	7.29	7/20/2017 3:45 AM	7.26	7/21/2017 3:45 AM	7.31
7/19/2017 4:00 AM	7.29	7/20/2017 4:00 AM	7.35	7/21/2017 4:00 AM	7.31
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7/19/2017 4:30 AM	7.27	7/20/2017 4:30 AM	7.39	7/21/2017 4:30 AM	7.31
7/19/2017 4:45 AM	7.27	7/20/2017 4:45 AM	7.39	7/21/2017 4:45 AM	7.31
7/19/2017 5:00 AM	7.27	7/20/2017 5:00 AM	7.38	7/21/2017 5:00 AM	7.32
7/19/2017 5:15 AM	7.22	7/20/2017 5:15 AM	7.37	7/21/2017 5:15 AM	7.30
7/19/2017 5:30 AM	7.38	7/20/2017 5:30 AM	7.37	7/21/2017 5:30 AM	7.29
7/19/2017 5:45 AM	7.33	7/20/2017 5:45 AM	7.36	7/21/2017 5:45 AM	7.27
7/19/2017 6:00 AM	7.29	7/20/2017 6:00 AM	7.36	7/21/2017 6:00 AM	7.26
7/19/2017 6:15 AM	7.28	7/20/2017 6:15 AM	7.35	7/21/2017 6:15 AM	7.26
7/19/2017 6:30 AM	7.28	7/20/2017 6:30 AM	7.30	7/21/2017 6:30 AM	7.25
7/19/2017 6:45 AM	7.28	7/20/2017 6:45 AM	7.27	7/21/2017 6:45 AM	7.31
7/19/2017 7:00 AM	7.29	7/20/2017 7:00 AM	7.26	7/21/2017 7:00 AM	7.33
7/19/2017 7:15 AM	7.42	7/20/2017 7:15 AM	7.25	7/21/2017 7:15 AM	7.28
7/19/2017 7:30 AM	7.43	7/20/2017 7:30 AM	7.25	7/21/2017 7:30 AM	7.32
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7/19/2017 8:00 AM	7.38	7/20/2017 8:00 AM	7.26	7/21/2017 8:00 AM	7.41
7/19/2017 8:15 AM	7.30	7/20/2017 8:15 AM	7.39	7/21/2017 8:15 AM	7.42
7/19/2017 8:30 AM	7.29	7/20/2017 8:30 AM	7.41	7/21/2017 8:30 AM	7.42
7/19/2017 8:45 AM	7.28	7/20/2017 8:45 AM	7.42	7/21/2017 8:45 AM	7.42
7/19/2017 9:00 AM	7.27	7/20/2017 9:00 AM	7.42	7/21/2017 9:00 AM	7.42
7/19/2017 9:15 AM	7.27	7/20/2017 9:15 AM	7.42	7/21/2017 9:15 AM	7.41
7/19/2017 9:30 AM	7.26	7/20/2017 9:30 AM	7.41	7/21/2017 9:30 AM	7.40
7/19/2017 9:45 AM	7.41	7/20/2017 9:45 AM	7.40	7/21/2017 9:45 AM	7.38
7/19/2017 10:00 AM	7.44	7/20/2017 10:00 AM	7.39	7/21/2017 10:00 AM	7.35
7/19/2017 10:15 AM	7.45	7/20/2017 10:15 AM	7.39	7/21/2017 10:15 AM	7.32
7/19/2017 10:30 AM	7.44	7/20/2017 10:30 AM	7.38	7/21/2017 10:30 AM	7.30
7/19/2017 10:45 AM	7.43	7/20/2017 10:45 AM	7.37	7/21/2017 10:45 AM	7.29
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7/19/2017 11:15 AM	7.42	7/20/2017 11:15 AM	7.37	7/21/2017 11:15 AM	7.41
7/19/2017 11:30 AM	7.42	7/20/2017 11:30 AM	7.37	7/21/2017 11:30 AM	7.43
7/19/2017 11:45 AM	7.41	7/20/2017 11:45 AM	7.33	7/21/2017 11:45 AM	7.43
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7/19/2017 12:15 PM	7.41	7/20/2017 12:15 PM	7.29	7/21/2017 12:15 PM	7.42
7/19/2017 12:30 PM	7.41	7/20/2017 12:30 PM	7.35	7/21/2017 12:30 PM	7.41
7/19/2017 12:45 PM	7.42	7/20/2017 12:45 PM	7.43	7/21/2017 12:45 PM	7.40
7/19/2017 1:00 PM	7.41	7/20/2017 1:00 PM	7.44	7/21/2017 1:00 PM	7.41
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7/19/2017 1:30 PM	7.40	7/20/2017 1:30 PM	7.43	7/21/2017 1:30 PM	7.41
7/19/2017 1:45 PM	7.39	7/20/2017 1:45 PM	7.42	7/21/2017 1:45 PM	7.39

7/19/2017 2:00 PM	7.37	7/20/2017 2:00 PM	7.40	7/21/2017 2:00 PM	7.38
7/19/2017 2:15 PM	7.38	7/20/2017 2:15 PM	7.40	7/21/2017 2:15 PM	7.44
7/19/2017 2:30 PM	7.37	7/20/2017 2:30 PM	7.40	7/21/2017 2:30 PM	7.39
7/19/2017 2:45 PM	7.37	7/20/2017 2:45 PM	7.40	7/21/2017 2:45 PM	7.36
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7/19/2017 3:45 PM	7.30	7/20/2017 3:45 PM	7.44	7/21/2017 3:45 PM	7.38
7/19/2017 4:00 PM	7.29	7/20/2017 4:00 PM	7.39	7/21/2017 4:00 PM	7.41
7/19/2017 4:15 PM	7.29	7/20/2017 4:15 PM	7.35	7/21/2017 4:15 PM	7.43
7/19/2017 4:30 PM	7.28	7/20/2017 4:30 PM	7.33	7/21/2017 4:30 PM	7.42
7/19/2017 4:45 PM	7.37	7/20/2017 4:45 PM	7.31	7/21/2017 4:45 PM	7.41
7/19/2017 5:00 PM	7.47	7/20/2017 5:00 PM	7.30	7/21/2017 5:00 PM	7.40
7/19/2017 5:15 PM	7.40	7/20/2017 5:15 PM	7.30	7/21/2017 5:15 PM	7.38
7/19/2017 5:30 PM	7.35	7/20/2017 5:30 PM	7.30	7/21/2017 5:30 PM	7.36
7/19/2017 5:45 PM	7.33	7/20/2017 5:45 PM	7.30	7/21/2017 5:45 PM	7.34
7/19/2017 6:00 PM	7.31	7/20/2017 6:00 PM	7.39	7/21/2017 6:00 PM	7.32
7/19/2017 6:15 PM	7.30	7/20/2017 6:15 PM	7.32	7/21/2017 6:15 PM	7.31
7/19/2017 6:30 PM	7.30	7/20/2017 6:30 PM	7.31	7/21/2017 6:30 PM	7.34
7/19/2017 6:45 PM	7.36	7/20/2017 6:45 PM	7.30	7/21/2017 6:45 PM	7.35
7/19/2017 7:00 PM	7.43	7/20/2017 7:00 PM	7.31	7/21/2017 7:00 PM	7.32
7/19/2017 7:15 PM	7.45	7/20/2017 7:15 PM	7.42	7/21/2017 7:15 PM	7.29
7/19/2017 7:30 PM	7.45	7/20/2017 7:30 PM	7.44	7/21/2017 7:30 PM	7.28
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7/19/2017 8:15 PM	7.41	7/20/2017 8:15 PM	7.43	7/21/2017 8:15 PM	7.27
7/19/2017 8:30 PM	7.40	7/20/2017 8:30 PM	7.42	7/21/2017 8:30 PM	7.34
7/19/2017 8:45 PM	7.39	7/20/2017 8:45 PM	7.41	7/21/2017 8:45 PM	7.32
7/19/2017 9:00 PM	7.37	7/20/2017 9:00 PM	7.39	7/21/2017 9:00 PM	7.28
7/19/2017 9:15 PM	7.36	7/20/2017 9:15 PM	7.37	7/21/2017 9:15 PM	7.27
7/19/2017 9:30 PM	7.35	7/20/2017 9:30 PM	7.39	7/21/2017 9:30 PM	7.27
7/19/2017 9:45 PM	7.34	7/20/2017 9:45 PM	7.39	7/21/2017 9:45 PM	7.27
7/19/2017 10:00 PM	7.33	7/20/2017 10:00 PM	7.35	7/21/2017 10:00 PM	7.27
7/19/2017 10:15 PM	7.32	7/20/2017 10:15 PM	7.31	7/21/2017 10:15 PM	7.27
7/19/2017 10:30 PM	7.32	7/20/2017 10:30 PM	7.38	7/21/2017 10:30 PM	7.29
7/19/2017 10:45 PM	7.34	7/20/2017 10:45 PM	7.39	7/21/2017 10:45 PM	7.40
7/19/2017 11:00 PM	7.36	7/20/2017 11:00 PM	7.39	7/21/2017 11:00 PM	7.41
7/19/2017 11:15 PM	7.33	7/20/2017 11:15 PM	7.38	7/21/2017 11:15 PM	7.40
7/19/2017 11:30 PM	7.32	7/20/2017 11:30 PM	7.38	7/21/2017 11:30 PM	7.39
7/19/2017 11:45 PM	7.36	7/20/2017 11:45 PM	7.38	7/21/2017 11:45 PM	7.38
AVG	7.35	AVG	7.36	AVG	7.35

Date And Time	pH	Date And Time	pH	Date And Time	pH
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7/22/2017 12:15 AM	7.37	7/23/2017 12:15 AM	7.33	7/24/2017 12:15 AM	7.32
7/22/2017 12:30 AM	7.33	7/23/2017 12:30 AM	7.33	7/24/2017 12:30 AM	7.32
7/22/2017 12:45 AM	7.24	7/23/2017 12:45 AM	7.33	7/24/2017 12:45 AM	7.31
7/22/2017 1:00 AM	7.36	7/23/2017 1:00 AM	7.33	7/24/2017 1:00 AM	7.31
7/22/2017 1:15 AM	7.39	7/23/2017 1:15 AM	7.32	7/24/2017 1:15 AM	7.31
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7/22/2017 11:45 PM	7.33	7/23/2017 11:45 PM	7.33	7/24/2017 11:45 PM	7.27
AVG	7.35	AVG	7.32	AVG	7.34

Date And Time	pH	Date And Time	pH	Date And Time	pH
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7/25/2017 1:45 AM	7.37	7/26/2017 1:45 AM	7.30	7/27/2017 1:45 AM	7.27
7/25/2017 2:00 AM	7.37	7/26/2017 2:00 AM	7.24	7/27/2017 2:00 AM	7.24
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7/25/2017 11:45 PM	7.22	7/26/2017 11:45 PM	7.32	7/27/2017 11:45 PM	7.25
AVG	7.33	AVG	7.32	AVG	7.32

Date And Time	pH	Date And Time	pH	Date And Time	pH
7/28/2017 12:00 AM	7.24	7/29/2017 12:00 AM	7.25	7/30/2017 12:00 AM	7.29
7/28/2017 12:15 AM	7.24	7/29/2017 12:15 AM	7.24	7/30/2017 12:15 AM	7.29
7/28/2017 12:30 AM	7.24	7/29/2017 12:30 AM	7.24	7/30/2017 12:30 AM	7.28
7/28/2017 12:45 AM	7.31	7/29/2017 12:45 AM	7.24	7/30/2017 12:45 AM	7.24
7/28/2017 1:00 AM	7.37	7/29/2017 1:00 AM	7.31	7/30/2017 1:00 AM	7.23
7/28/2017 1:15 AM	7.38	7/29/2017 1:15 AM	7.40	7/30/2017 1:15 AM	7.22
7/28/2017 1:30 AM	7.37	7/29/2017 1:30 AM	7.41	7/30/2017 1:30 AM	7.21
7/28/2017 1:45 AM	7.36	7/29/2017 1:45 AM	7.40	7/30/2017 1:45 AM	7.21
7/28/2017 2:00 AM	7.35	7/29/2017 2:00 AM	7.36	7/30/2017 2:00 AM	7.28
7/28/2017 2:15 AM	7.35	7/29/2017 2:15 AM	7.27	7/30/2017 2:15 AM	7.36
7/28/2017 2:30 AM	7.34	7/29/2017 2:30 AM	7.26	7/30/2017 2:30 AM	7.37
7/28/2017 2:45 AM	7.33	7/29/2017 2:45 AM	7.25	7/30/2017 2:45 AM	7.36
7/28/2017 3:00 AM	7.33	7/29/2017 3:00 AM	7.25	7/30/2017 3:00 AM	7.34
7/28/2017 3:15 AM	7.28	7/29/2017 3:15 AM	7.25	7/30/2017 3:15 AM	7.33
7/28/2017 3:30 AM	7.33	7/29/2017 3:30 AM	7.25	7/30/2017 3:30 AM	7.32
7/28/2017 3:45 AM	7.35	7/29/2017 3:45 AM	7.25	7/30/2017 3:45 AM	7.31
7/28/2017 4:00 AM	7.35	7/29/2017 4:00 AM	7.39	7/30/2017 4:00 AM	7.31
7/28/2017 4:15 AM	7.34	7/29/2017 4:15 AM	7.41	7/30/2017 4:15 AM	7.30
7/28/2017 4:30 AM	7.34	7/29/2017 4:30 AM	7.40	7/30/2017 4:30 AM	7.30
7/28/2017 4:45 AM	7.32	7/29/2017 4:45 AM	7.39	7/30/2017 4:45 AM	7.29
7/28/2017 5:00 AM	7.27	7/29/2017 5:00 AM	7.38	7/30/2017 5:00 AM	7.28
7/28/2017 5:15 AM	7.26	7/29/2017 5:15 AM	7.37	7/30/2017 5:15 AM	7.23
7/28/2017 5:30 AM	7.25	7/29/2017 5:30 AM	7.36	7/30/2017 5:30 AM	7.21
7/28/2017 5:45 AM	7.25	7/29/2017 5:45 AM	7.35	7/30/2017 5:45 AM	7.21
7/28/2017 6:00 AM	7.29	7/29/2017 6:00 AM	7.35	7/30/2017 6:00 AM	7.20
7/28/2017 6:15 AM	7.38	7/29/2017 6:15 AM	7.34	7/30/2017 6:15 AM	7.32
7/28/2017 6:30 AM	7.38	7/29/2017 6:30 AM	7.34	7/30/2017 6:30 AM	7.36
7/28/2017 6:45 AM	7.38	7/29/2017 6:45 AM	7.33	7/30/2017 6:45 AM	7.36
7/28/2017 7:00 AM	7.37	7/29/2017 7:00 AM	7.33	7/30/2017 7:00 AM	7.35
7/28/2017 7:15 AM	7.37	7/29/2017 7:15 AM	7.33	7/30/2017 7:15 AM	7.33
7/28/2017 7:30 AM	7.36	7/29/2017 7:30 AM	7.32	7/30/2017 7:30 AM	7.32
7/28/2017 7:45 AM	7.35	7/29/2017 7:45 AM	7.32	7/30/2017 7:45 AM	7.31
7/28/2017 8:00 AM	7.35	7/29/2017 8:00 AM	7.32	7/30/2017 8:00 AM	7.31
7/28/2017 8:15 AM	7.27	7/29/2017 8:15 AM	7.32	7/30/2017 8:15 AM	7.32
7/28/2017 8:30 AM	7.26	7/29/2017 8:30 AM	7.32	7/30/2017 8:30 AM	7.33
7/28/2017 8:45 AM	7.25	7/29/2017 8:45 AM	7.31	7/30/2017 8:45 AM	7.34
7/28/2017 9:00 AM	7.25	7/29/2017 9:00 AM	7.31	7/30/2017 9:00 AM	7.33
7/28/2017 9:15 AM	7.25	7/29/2017 9:15 AM	7.31	7/30/2017 9:15 AM	7.34
7/28/2017 9:30 AM	7.24	7/29/2017 9:30 AM	7.31	7/30/2017 9:30 AM	7.34
7/28/2017 9:45 AM	7.21	7/29/2017 9:45 AM	7.31	7/30/2017 9:45 AM	7.22
7/28/2017 10:00 AM	7.38	7/29/2017 10:00 AM	7.30	7/30/2017 10:00 AM	7.20
7/28/2017 10:15 AM	7.40	7/29/2017 10:15 AM	7.30	7/30/2017 10:15 AM	7.19
7/28/2017 10:30 AM	7.40	7/29/2017 10:30 AM	7.30	7/30/2017 10:30 AM	7.18
7/28/2017 10:45 AM	7.39	7/29/2017 10:45 AM	7.30	7/30/2017 10:45 AM	7.18
7/28/2017 11:00 AM	7.39	7/29/2017 11:00 AM	7.30	7/30/2017 11:00 AM	7.17
7/28/2017 11:15 AM	7.39	7/29/2017 11:15 AM	7.30	7/30/2017 11:15 AM	7.28
7/28/2017 11:30 AM	7.39	7/29/2017 11:30 AM	7.30	7/30/2017 11:30 AM	7.26
7/28/2017 11:45 AM	7.38	7/29/2017 11:45 AM	7.28	7/30/2017 11:45 AM	7.21
7/28/2017 12:00 PM	7.37	7/29/2017 12:00 PM	7.25	7/30/2017 12:00 PM	7.13
7/28/2017 12:15 PM	7.37	7/29/2017 12:15 PM	7.24	7/30/2017 12:15 PM	7.33
7/28/2017 12:30 PM	7.32	7/29/2017 12:30 PM	7.36	7/30/2017 12:30 PM	7.38
7/28/2017 12:45 PM	7.28	7/29/2017 12:45 PM	7.38	7/30/2017 12:45 PM	7.39
7/28/2017 1:00 PM	7.26	7/29/2017 1:00 PM	7.38	7/30/2017 1:00 PM	7.40
7/28/2017 1:15 PM	7.25	7/29/2017 1:15 PM	7.37	7/30/2017 1:15 PM	7.40
7/28/2017 1:30 PM	7.26	7/29/2017 1:30 PM	7.36	7/30/2017 1:30 PM	7.40
7/28/2017 1:45 PM	7.38	7/29/2017 1:45 PM	7.35	7/30/2017 1:45 PM	7.38
7/28/2017 2:00 PM	7.40	7/29/2017 2:00 PM	7.35	7/30/2017 2:00 PM	7.37

7/28/2017 2:15 PM	7.40	7/29/2017 2:15 PM	7.35	7/30/2017 2:15 PM	7.35
7/28/2017 2:30 PM	7.40	7/29/2017 2:30 PM	7.36	7/30/2017 2:30 PM	7.32
7/28/2017 2:45 PM	7.39	7/29/2017 2:45 PM	7.37	7/30/2017 2:45 PM	7.28
7/28/2017 3:00 PM	7.38	7/29/2017 3:00 PM	7.37	7/30/2017 3:00 PM	7.26
7/28/2017 3:15 PM	7.37	7/29/2017 3:15 PM	7.37	7/30/2017 3:15 PM	7.26
7/28/2017 3:30 PM	7.36	7/29/2017 3:30 PM	7.37	7/30/2017 3:30 PM	7.34
7/28/2017 3:45 PM	7.35	7/29/2017 3:45 PM	7.27	7/30/2017 3:45 PM	7.36
7/28/2017 4:00 PM	7.34	7/29/2017 4:00 PM	7.26	7/30/2017 4:00 PM	7.38
7/28/2017 4:15 PM	7.32	7/29/2017 4:15 PM	7.24	7/30/2017 4:15 PM	7.37
7/28/2017 4:30 PM	7.30	7/29/2017 4:30 PM	7.24	7/30/2017 4:30 PM	7.37
7/28/2017 4:45 PM	7.30	7/29/2017 4:45 PM	7.35	7/30/2017 4:45 PM	7.36
7/28/2017 5:00 PM	7.31	7/29/2017 5:00 PM	7.37	7/30/2017 5:00 PM	7.35
7/28/2017 5:15 PM	7.29	7/29/2017 5:15 PM	7.36	7/30/2017 5:15 PM	7.34
7/28/2017 5:30 PM	7.28	7/29/2017 5:30 PM	7.37	7/30/2017 5:30 PM	7.34
7/28/2017 5:45 PM	7.26	7/29/2017 5:45 PM	7.40	7/30/2017 5:45 PM	7.35
7/28/2017 6:00 PM	7.25	7/29/2017 6:00 PM	7.39	7/30/2017 6:00 PM	7.33
7/28/2017 6:15 PM	7.25	7/29/2017 6:15 PM	7.38	7/30/2017 6:15 PM	7.33
7/28/2017 6:30 PM	7.24	7/29/2017 6:30 PM	7.40	7/30/2017 6:30 PM	7.37
7/28/2017 6:45 PM	7.24	7/29/2017 6:45 PM	7.39	7/30/2017 6:45 PM	7.35
7/28/2017 7:00 PM	7.33	7/29/2017 7:00 PM	7.37	7/30/2017 7:00 PM	7.34
7/28/2017 7:15 PM	7.38	7/29/2017 7:15 PM	7.35	7/30/2017 7:15 PM	7.32
7/28/2017 7:30 PM	7.38	7/29/2017 7:30 PM	7.32	7/30/2017 7:30 PM	7.30
7/28/2017 7:45 PM	7.37	7/29/2017 7:45 PM	7.30	7/30/2017 7:45 PM	7.27
7/28/2017 8:00 PM	7.37	7/29/2017 8:00 PM	7.32	7/30/2017 8:00 PM	7.25
7/28/2017 8:15 PM	7.36	7/29/2017 8:15 PM	7.29	7/30/2017 8:15 PM	7.24
7/28/2017 8:30 PM	7.35	7/29/2017 8:30 PM	7.28	7/30/2017 8:30 PM	7.23
7/28/2017 8:45 PM	7.35	7/29/2017 8:45 PM	7.26	7/30/2017 8:45 PM	7.23
7/28/2017 9:00 PM	7.34	7/29/2017 9:00 PM	7.19	7/30/2017 9:00 PM	7.26
7/28/2017 9:15 PM	7.34	7/29/2017 9:15 PM	7.32	7/30/2017 9:15 PM	7.28
7/28/2017 9:30 PM	7.27	7/29/2017 9:30 PM	7.35	7/30/2017 9:30 PM	7.28
7/28/2017 9:45 PM	7.26	7/29/2017 9:45 PM	7.35	7/30/2017 9:45 PM	7.25
7/28/2017 10:00 PM	7.25	7/29/2017 10:00 PM	7.34	7/30/2017 10:00 PM	7.25
7/28/2017 10:15 PM	7.24	7/29/2017 10:15 PM	7.33	7/30/2017 10:15 PM	7.25
7/28/2017 10:30 PM	7.24	7/29/2017 10:30 PM	7.33	7/30/2017 10:30 PM	7.26
7/28/2017 10:45 PM	7.23	7/29/2017 10:45 PM	7.32	7/30/2017 10:45 PM	7.26
7/28/2017 11:00 PM	7.23	7/29/2017 11:00 PM	7.31	7/30/2017 11:00 PM	7.27
7/28/2017 11:15 PM	7.24	7/29/2017 11:15 PM	7.31	7/30/2017 11:15 PM	7.27
7/28/2017 11:30 PM	7.37	7/29/2017 11:30 PM	7.30	7/30/2017 11:30 PM	7.29
7/28/2017 11:45 PM	7.27	7/29/2017 11:45 PM	7.30	7/30/2017 11:45 PM	7.29
AVG	7.32	AVG	7.32	AVG	7.30

Date And Time	pH
7/31/2017 12:00 AM	7.30
7/31/2017 12:15 AM	7.31
7/31/2017 12:30 AM	7.31
7/31/2017 12:45 AM	7.31
7/31/2017 1:00 AM	7.31
7/31/2017 1:15 AM	7.31
7/31/2017 1:30 AM	7.32
7/31/2017 1:45 AM	7.32
7/31/2017 2:00 AM	7.32
7/31/2017 2:15 AM	7.32
7/31/2017 2:30 AM	7.33
7/31/2017 2:45 AM	7.34
7/31/2017 3:00 AM	7.34
7/31/2017 3:15 AM	7.34
7/31/2017 3:30 AM	7.27
7/31/2017 3:45 AM	7.24
7/31/2017 4:00 AM	7.22
7/31/2017 4:15 AM	7.20
7/31/2017 4:30 AM	7.20
7/31/2017 4:45 AM	7.19
7/31/2017 5:00 AM	7.15
7/31/2017 5:15 AM	7.29
7/31/2017 5:30 AM	7.23
7/31/2017 5:45 AM	7.20
7/31/2017 6:00 AM	7.19
7/31/2017 6:15 AM	7.31
7/31/2017 6:30 AM	7.35

MIN	**7.13**
MAX	**7.58**

7/31/2017 6:45 AM	7.35
7/31/2017 7:00 AM	7.33
7/31/2017 7:15 AM	7.32
7/31/2017 7:30 AM	7.31
7/31/2017 7:45 AM	7.30
7/31/2017 8:00 AM	7.29
7/31/2017 8:15 AM	7.21
7/31/2017 8:30 AM	7.19
7/31/2017 8:45 AM	7.18
7/31/2017 9:00 AM	7.18
7/31/2017 9:15 AM	7.22
7/31/2017 9:30 AM	7.34
7/31/2017 9:45 AM	7.35
7/31/2017 10:00 AM	7.35
7/31/2017 10:15 AM	7.36
7/31/2017 10:30 AM	7.36
7/31/2017 10:45 AM	7.35
7/31/2017 11:00 AM	7.34
7/31/2017 11:15 AM	7.34
7/31/2017 11:30 AM	7.34
7/31/2017 11:45 AM	7.34
7/31/2017 12:00 PM	7.34
7/31/2017 12:15 PM	7.33
7/31/2017 12:30 PM	7.34
7/31/2017 12:45 PM	7.34
7/31/2017 1:00 PM	7.35
7/31/2017 1:15 PM	7.35
7/31/2017 1:30 PM	7.32
7/31/2017 1:45 PM	7.31
7/31/2017 2:00 PM	7.32
7/31/2017 2:15 PM	7.32
7/31/2017 2:30 PM	7.30
7/31/2017 2:45 PM	7.30
7/31/2017 3:00 PM	7.27
7/31/2017 3:15 PM	7.25
7/31/2017 3:30 PM	7.22
7/31/2017 3:45 PM	7.20
7/31/2017 4:00 PM	7.19
7/31/2017 4:15 PM	7.18
7/31/2017 4:30 PM	7.18
7/31/2017 4:45 PM	7.17
7/31/2017 5:00 PM	7.24
7/31/2017 5:15 PM	7.40
7/31/2017 5:30 PM	7.33
7/31/2017 5:45 PM	7.28
7/31/2017 6:00 PM	7.25
7/31/2017 6:15 PM	7.24
7/31/2017 6:30 PM	7.28
7/31/2017 6:45 PM	7.34
7/31/2017 7:00 PM	7.36
7/31/2017 7:15 PM	7.36
7/31/2017 7:30 PM	7.37
7/31/2017 7:45 PM	7.36
7/31/2017 8:00 PM	7.35
7/31/2017 8:15 PM	7.33
7/31/2017 8:30 PM	7.32
7/31/2017 8:45 PM	7.31
7/31/2017 9:00 PM	7.30
7/31/2017 9:15 PM	7.29
7/31/2017 9:30 PM	7.28
7/31/2017 9:45 PM	7.27
7/31/2017 10:00 PM	7.27
7/31/2017 10:15 PM	7.26
7/31/2017 10:30 PM	7.26
7/31/2017 10:45 PM	7.26
7/31/2017 11:00 PM	7.26
7/31/2017 11:15 PM	7.25
7/31/2017 11:30 PM	7.25
7/31/2017 11:45 PM	7.25
AVG	7.29

Avtex Fibers
Front Royal, VA
Outfall 004
July 2017 DMR

Sample Date	Sample ID	BOD, mg/L	BOD, kg/d	TSS, mg/L	TSS, kg/d
7/6/2017	AF7-06FE	0.0	0.0	0.0	0.0
7/13/2017	AF7-13FE	0.0	0.0	0.0	0.0
7/20/2017	AF7-20FE	0.0	0.0	0.0	0.0
7/25/2017	AF7-25FE	0.0	0.0	0.0	0.0
	Daily Maximum:	0.0	0.0	0.0	0.0
	Monthly Avg:	0.0	0.0	0.0	0.0

Monthly Average – Compliance with the monthly average limitations and/or reporting requirements for the parameters listed in Part I.C.1 shall be determined as follows: All concentration data below the QL used for the analysis shall be treated as zero. All concentration data equal to or above the QL used for the analysis shall be treated as it is reported. An arithmetic average shall be calculated using all reported data for the month, including the defined zeros. This arithmetic average shall be reported on the Discharge Monitoring Report (DMR) as calculated. If all data are below the QL used for the analysis, then the average shall be reported as "<QL". If reporting for quantity is required on the DMR and the reported monthly average concentration is <QL, then report "<QL" for the quantity. Otherwise use the reported concentration data (including the defined zeros) and flow data for each sample day to determine the daily quantity and report the monthly average of the calculated daily quantities.

Daily Maximum – Compliance with the daily maximum limitations and/or reporting requirements for the parameters listed in Part I.C.1 shall be determined as follows: All concentration data below the QL used for the analysis shall be treated as zero. All concentration data equal to or above the QL used for the analysis shall be treated as reported. An arithmetic average shall be calculated using all reported data, including the defined zeros, collected within each day during the reporting month. The maximum value of these daily averages thus determined shall be reported on the DMR as the Daily Maximum. If all data are below the QL used for the analysis, then the maximum value of the daily averages shall be reported as "<QL". If reporting for quantity is required on the DMR and the reported daily maximum concentration is <QL, then report "<QL" for the quantity. Otherwise use the reported daily average concentrations (including the defined zeros) and corresponding daily flows to determine daily average quantities and report the maximum of the daily average quantities during the reporting month.

Loading Derivation
If 1 ppm (= 1 mg/L) and 1 MGD (= 1 MG/day)
--> (1 mg/L)(1 MG/day)(3.785 L/Gal)(10^6 Gal/MG)(1 lb/453,600 mg) = 8.34 lbs/day
--> lbs/day = ppm * 8.34 * MGD
--> kg/d = ppm * 8.34 * MGD * 0.4536*lb/d

Concentration Derivation
If 1 lb/d and 1 MGD (= 1 MG/day)
[(1 lbs/day)(453,600 mg/lb)] / [(1 MG/d)(10^6 Gal/MG)(3.785 L/Gal)]
--> ppm = lb/d * (1/8.34) * (1/MGD)

	BOD
7/6/2017	0
7/13/2017	0
7/20/2017	0
7/25/2017	0
AVG	0

	TSS
7/6/2017	0
7/13/2017	0
7/20/2017	0
7/25/2017	0
AVG	0

	CS2*	
7/13/2017	<QL	ug/L
	<QL	mg/L
	<QL	kg/d

*Note: CS2 EPA Test Method: 8260 MSV Low Level Analytical Method (EPA 8260)
Report Limit 2 ug/L
MDL 1.2 ug/L

FMC Corporation
2929 Walnut Street
Philadelphia, PA 19104
USA

215.299.6000
fmc.com

Transmitted via Email

October 10, 2017

Department of Environmental Quality - CO
Office of Remediation Program
P.O. Box 1105
Richmond, VA 23218

Re: Submission of Discharge Monitoring Report – September 2017
Avtex Fibers Superfund Site
Front Royal, Virginia

Dear Ms Payne:

In accordance with the Applicable or Relevant and Appropriate Requirements (ARARs) and Fact Sheet provided July 22, 2014, FMC Corporation (FMC) is submitting the Discharge Monitoring Report (DMR) for the month of September 2017. The permit is for the discharge from the Groundwater and Leachate Treatment Plant (GLTP) located at 404 Kendrick Lane, Front Royal, VA. Analysis of effluent concentrations yielded results within the allowable limits for all parameters.

Please do not hesitate to call if there are any questions.

Sincerely,

FMC Corporation

Brian M. McGinnis, P.E.
Manager, Environmental Remediation

cc: via Email
Brandon Kiracofe, DEQ
Jeffrey Thomas, USEPA
Heather Philip, Parsons

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

OMB No. 2040-004

NAME:	Avtex Fibers					NA				004			**DMR MAILING ZIP CODE:**				23218
ADDRESS:	404 Kendrick Lane					**PERMIT NUMBER**				**DISCHARGE NUMBER**							
	Front Royal, VA 22630												DESCRIPTION:				
						MONITORING PERIOD							GLTP EFFLUENT (OUTFALL 004)				
FACILITY:	AVTEX FIBERS					**YEAR**	**MO**	**DAY**		**YEAR**	**MO**	**DAY**	External Outfall				
LOCATION:	FRONT ROYAL, VA				**FROM**	17	09	01	TO	17	09	30				**No Discharge**	
ATTN:																	

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				**NO. EX**	FREQUENCY OF ANALYSIS	**SAMPLE TYPE**
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
FLOW	SAMPLE MEASUREMENT	0.063	0.095	MGD	*****	*****	*****		0	CONTINUOUS	TIRE
00056 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	REPORT MONTHLY AV	REPORT DAILY MAX		******	******	******			CONTINUOUS	TIRE
PH	SAMPLE MEASUREMENT	*****	*****		7.1	*****	7.8	SU	0	CONTINUOUS	GRAB
00400 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	******	******		6.5 MINIMUM	******	9.0 MAXIMUM			CONTINUOUS	GRAB
BOD, 5-DAY	SAMPLE MEASUREMENT	<QL	<QL	kg/d	*****	<QL	<QL	mg/L	0	1/7	8 HC
00318 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	36 MONTHLY AV	96 DAILY MAX		******	24 MONTHLY AV	64 DAILY MX			1/7	8 HC
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	<QL	<QL	kg/d	*****	<QL	<QL	mg/L	0	1/7	8 HC
03603 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	60 MONTHLY AV	190 DAILY MAX		******	40 MONTHLY AV	130 DAILY MX			1/7	8 HC
CARBON DISULFIDE	SAMPLE MEASUREMENT	<QL	<QL	kg/d	*****	<QL	<QL	mg/L	0	1/30	8 HC
77041 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	NL MONTHLY AV	NL DAILY MAX		******	NL MONTHLY AV	NL DAILY MX			1/30	8 HC
WHOLE EFFLUENT TOXICITY - *Ceriodaphnia dubia*	SAMPLE MEASUREMENT	*****	*****	TUa	*****	*****	*****	TUa			8 HC
22414 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/90	8 HC
WHOLE EFFLUENT TOXICITY - *Pimephales promelas*	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****	TUa			8 HC
22414 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	*****	*****	TUa	*****	*****	*****			1/90	8 HC

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Brian McGinnis	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.					
Manager, Environmental Remediation				17	10	10
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	215	299-6047		
TYPED OR PRINTED			AREA	NUMBER	YEAR	MO / DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

Attachment: pH compliance monitoring summary (monthly)

Carbon disulfide: No limit established; monitored monthly; 0.1 mg/L action level

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

OMB No. 2040-004

NAME:	Avtex Fibers								004			**DMR MAILING ZIP CODE:**				23218	
ADDRESS:	404 Kendrick Lane				**PERMIT NUMBER**				**DISCHARGE NUMBER**								
	Front Royal, VA 22630											DESCRIPTION:					
					MONITORING PERIOD							GLTP EFFLUENT (OUTFALL 004)					
FACILITY:	AVTEX FIBERS				**YEAR**	**MO**	**DAY**		**YEAR**	**MO**	**DAY**	External Outfall					
LOCATION:	FRONT ROYAL, VA			**FROM**	17	09	01	TO	17	09	30				**No Discharge**		
ATTN:																	

PARAMETER		QUANTITY OR LOADING VALUE	QUANTITY OR LOADING VALUE	UNITS	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	UNITS	**NO. EX**	FREQUENCY OF ANALYSIS	**SAMPLE TYPE**
ACENAPHTHENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34205 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.033 MONTHLY AV	0.088 DAILY MAX		******	22 MONTHLY AV	59 DAILY MX			1/365	8 HC
ACENAPHTHYLENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34200 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.033 MONTHLY AV	0.088 DAILY MAX		******	22 MONTHLY AV	59 DAILY MAX			1/365	8 HC
ACRYLONITRILE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34215 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.14 MONTHLY AV	0.36 DAILY MAX		******	96 MONTHLY AV	242 DAILY MAX			1/365	8 HC
ANTHRACENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34220 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.033 MONTHLY AV	0.088 DAILY MAX		******	22 MONTHLY AV	59 DAILY MAX			1/365	8 HC
BENZENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34030 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.055 MONTHLY AV	0.20 DAILY MAX		******	37 MONTHLY AV	136 DAILY MAX			1/365	8 HC
BENZO(A)ANTHRACENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34526 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.033 MONTHLY AV	0.088 DAILY MAX		******	22 MONTHLY AV	59 DAILY MAX			1/365	8 HC
3,4-BENZOFLUORANTHENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
79531 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.034 MONTHLY AV	0.091 DAILY MAX		******	23 MONTHLY AV	61 DAILY MAX			1/365	8 HC

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Christina Kaba	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.					
Director EHS Remediation/Governance				17	10	10
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	215	299-6047		
TYPED OR PRINTED			AREA	NUMBER	YEAR	MO / DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

EPA Form 3320-1 (Rev 01/06) Previous editions may be used.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different) — OMB No. 2040-004

NAME:	Avtex Fibers								004			**DMR MAILING ZIP CODE:**				23218	
ADDRESS:	404 Kendrick Lane					**PERMIT NUMBER**			**DISCHARGE NUMBER**								
	Front Royal, VA 22630											DESCRIPTION:					
						MONITORING PERIOD						GLTP EFFLUENT (OUTFALL 004)					
FACILITY:	AVTEX FIBERS					**YEAR**	**MO**	**DAY**		**YEAR**	**MO**	**DAY**	External Outfall				
LOCATION:	FRONT ROYAL, VA				**FROM**	17	09	01	TO	17	09	30				**No Discharge**	
ATTN:																	

PARAMETER		QUANTITY OR LOADING VALUE	QUANTITY OR LOADING VALUE	UNITS	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	UNITS	**NO. EX**	FREQUENCY OF ANALYSIS	**SAMPLE TYPE**
BENZO(K)FLUORANTHENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34242 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.033 MONTHLY AV	0.088 DAILY MAX		******	22 MONTHLY AV	59 DAILY MAX			1/365	8 HC
BENZO(A)PYRENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34247 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.034 MONTHLY AV	0.091 DAILY MAX		******	23 MONTHLY AV	61 DAILY MAX			1/365	8 HC
BIS(2-ETHYLHEXYL)PHTHALATE	**SAMPLE MEASUREMENT**			KG/D	*****	1.29	1.29	µg/L			8 HC
39100 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.15 MONTHLY AV	0.42 DAILY MAX		******	103 MONTHLY AV	279 DAILY MAX			1/365	8 HC
CARBON TETRACHLORIDE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
32102 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.027 MONTHLY AV	0.057 DAILY MAX		******	18 MONTHLY AV	38 DAILY MAX			1/365	8 HC
CHLOROBENZENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34301 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.022 MONTHLY AV	0.042 DAILY MAX		******	15 MONTHLY AV	28 DAILY MAX			1/365	8 HC
CHLOROETHANE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34311 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.16 MONTHLY AV	0.40 DAILY MAX		******	104 MONTHLY AV	268 DAILY MAX			1/365	8 HC
CHLOROFORM	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
32106 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.031 MONTHLY AV	0.069 DAILY MAX		******	21 MONTHLY AV	46 DAILY MAX			1/365	8 HC

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Christina Kaba	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.					
Director EHS Remediation/Governance				17	10	10
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	215	299-6047		
TYPED OR PRINTED			AREA	NUMBER	YEAR	MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

EPA Form 3320-1 (Rev 01/06) Previous editions may be used.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

OMB No. 2040-004

NAME:	Avtex Fibers											**DMR MAILING ZIP CODE:**	23218
ADDRESS:	404 Kendrick Lane				**PERMIT NUMBER**			**DISCHARGE NUMBER**	004				
	Front Royal, VA 22630											DESCRIPTION:	
					MONITORING PERIOD							GLTP EFFLUENT (OUTFALL 004)	
FACILITY:	AVTEX FIBERS				**YEAR**	**MO**	**DAY**		**YEAR**	**MO**	**DAY**	External Outfall	
LOCATION:	FRONT ROYAL, VA			**FROM**	17	09	01	TO	17	09	30		**No Discharge**
ATTN:													

PARAMETER		QUANTITY OR LOADING VALUE	QUANTITY OR LOADING VALUE	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION UNITS	**NO. EX**	FREQUENCY OF ANALYSIS	**SAMPLE TYPE**
2-CHLOROPHENOL	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34586 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.046 MONTHLY AV	0.15 DAILY MAX		******	31 MONTHLY AV	98 DAILY MAX			1/365	8 HC
CHRYSENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34320 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.033 MONTHLY AV	0.088 DAILY MAX		******	22 MONTHLY AV	59 DAILY MAX			1/365	8 HC
DI-N-BUTYLPHTHALATE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
39110 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.040 MONTHLY AV	0.085 DAILY MAX		******	27 MONTHLY AV	57 DAILY MAX			1/365	8 HC
1,2-DICHLOROBENZENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34536 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.12 MONTHLY AV	0.24 DAILY MAX		******	77 MONTHLY AV	163 DAILY MAX			1/365	8 HC
1,3-DICHLOROBENZENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34566 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.046 MONTHLY AV	0.066 DAILY MAX		******	31 MONTHLY AV	44 DAILY MAX			1/365	8 HC
1,4-DICHLOROBENZENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34571 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.022 MONTHLY AV	0.042 DAILY MAX		******	15 MONTHLY AV	28 DAILY MAX			1/365	8 HC
1,1-DICHLOROETHANE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34496 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.033 MONTHLY AV	0.088 DAILY MAX		******	22 MONTHLY AV	59 DAILY MAX			1/365	8 HC

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Christina Kaba	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.					
Director EHS Remediation/Governance				17	10	10
	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	215	299-6047			
TYPED OR PRINTED		AREA	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

EPA Form 3320-1 (Rev 01/06) Previous editions may be used.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

OMB No. 2040-004

NAME:	Avtex Fibers											**DMR MAILING ZIP CODE:**	23218
ADDRESS:	404 Kendrick Lane			**PERMIT NUMBER**				**DISCHARGE NUMBER**					
	Front Royal, VA 22630											DESCRIPTION:	
				MONITORING PERIOD								GLTP EFFLUENT (OUTFALL 004)	
FACILITY:	AVTEX FIBERS			**YEAR**	**MO**	**DAY**		**YEAR**	**MO**	**DAY**		External Outfall	
LOCATION:	FRONT ROYAL, VA		**FROM**	17	09	01	TO	17	09	30		**No Discharge**	
ATTN:													

PARAMETER		QUANTITY OR LOADING VALUE	QUANTITY OR LOADING VALUE	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION UNITS	**NO. EX**	FREQUENCY OF ANALYSIS	**SAMPLE TYPE**
2-CHLOROPHENOL	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34586 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.046 MONTHLY AV	0.15 DAILY MAX		******	31 MONTHLY AV	98 DAILY MAX			1/365	8 HC
CHRYSENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34320 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.033 MONTHLY AV	0.088 DAILY MAX		******	22 MONTHLY AV	59 DAILY MAX			1/365	8 HC
DI-N-BUTYLPHTHALATE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
39110 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.040 MONTHLY AV	0.085 DAILY MAX		******	27 MONTHLY AV	57 DAILY MAX			1/365	8 HC
1,2-DICHLOROBENZENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34536 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.12 MONTHLY AV	0.24 DAILY MAX		******	77 MONTHLY AV	163 DAILY MAX			1/365	8 HC
1,3-DICHLOROBENZENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34566 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.046 MONTHLY AV	0.066 DAILY MAX		******	31 MONTHLY AV	44 DAILY MAX			1/365	8 HC
1,4-DICHLOROBENZENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34571 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.022 MONTHLY AV	0.042 DAILY MAX		******	15 MONTHLY AV	28 DAILY MAX			1/365	8 HC
1,1-DICHLOROETHANE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34496 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.033 MONTHLY AV	0.088 DAILY MAX		******	22 MONTHLY AV	59 DAILY MAX			1/365	8 HC

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Christina Kaba	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.			17	10	10
Director EHS Remediation/Governance						
	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	215	299-6047			
TYPED OR PRINTED		AREA	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

EPA Form 3320-1 (Rev 01/06) Previous editions may be used.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

OMB No. 2040-004

NAME:	Avtex Fibers																		
ADDRESS:	404 Kendrick Lane					**PERMIT NUMBER**				004 **DISCHARGE NUMBER**				**DMR MAILING ZIP CODE:**				23218	
	Front Royal, VA 22630													DESCRIPTION:					
						MONITORING PERIOD								GLTP EFFLUENT (OUTFALL 004)					
FACILITY:	AVTEX FIBERS					**YEAR**	**MO**	**DAY**		**YEAR**	**MO**	**DAY**		External Outfall					
LOCATION:	FRONT ROYAL, VA				**FROM**	17	09	01	TO	17	09	30					**No Discharge**		
ATTN:																			

PARAMETER		QUANTITY OR LOADING VALUE	QUANTITY OR LOADING VALUE	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
2,4-DIMETHYLPHENOL	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34606 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.027 MONTHLY AV	0.054 DAILY MAX		******	18 MONTHLY AV	36 DAILY MAX			1/365	8 HC
DIMETHYLPHTHALATE	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34341 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.028 MONTHLY AV	0.070 DAILY MAX		******	19 MONTHLY AV	47 DAILY MAX			1/365	8 HC
4,6-DINITRO-O-CRESOL	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34657 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.12 MONTHLY AV	0.42 DAILY MAX		******	78 MONTHLY AV	277 DAILY MAX			1/365	8 HC
2,4-DINITROPHENOL	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34616 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.11 MONTHLY AV	0.18 DAILY MAX		******	71 MONTHLY AV	123 DAILY MAX			1/365	8 HC
2,4-DINITROTOLUENE	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34611 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.17 MONTHLY AV	0.43 DAILY MAX		******	113 MONTHLY AV	285 DAILY MAX			1/365	8 HC
2,6-DINITROTOLUENE	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34626 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.38 MONTHLY AV	0.96 DAILY MAX		******	255 MONTHLY AV	641 DAILY MAX			1/365	8 HC
ETHYL BENZENE	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
37371 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.048 MONTHLY AV	0.16 DAILY MAX		******	32 MONTHLY AV	108 DAILY MAX			1/365	8 HC

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Christina Kaba
Director EHS Remediation/Governance

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE AREA	TELEPHONE NUMBER	DATE YEAR	DATE MO	DATE DAY
215	299-6047	12	10	10

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

EPA Form 3320-1 (Rev 01/06) Previous editions may be used.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

OMB No. 2040-004

NAME:	Avtex Fibers													**DMR MAILING ZIP CODE:**			23218
ADDRESS:	404 Kendrick Lane					**PERMIT NUMBER**				**DISCHARGE NUMBER**							
	Front Royal, VA 22630													DESCRIPTION:			
						MONITORING PERIOD								GLTP EFFLUENT (OUTFALL 004)			
FACILITY:	AVTEX FIBERS					**YEAR**	**MO**	**DAY**		**YEAR**	**MO**	**DAY**		External Outfall			
LOCATION:	FRONT ROYAL, VA				**FROM**	17	09	01	TO	17	09	30				**No Discharge**	
ATTN:																	

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				**NO. EX**	FREQUENCY OF ANALYSIS	**SAMPLE TYPE**
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
FLUORANTHENE	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****			µg/L			8 HC
34376 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.037 MONTHLY AV	0.10 DAILY MAX		******	25 MONTHLY AV	68 DAILY MAX			1/365	8 HC
FLUORENE	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****			µg/L			8 HC
34381 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.033 MONTHLY AV	0.088 DAILY MAX		******	22 MONTHLY AV	59 DAILY MAX			1/365	8 HC
HEXACHLOROBENZENE	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****			µg/L			8 HC
39700 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.022 MONTHLY AV	0.042 DAILY MAX		******	15 MONTHLY AV	28 DAILY MAX			1/365	8 HC
HEXACHLOROBUTADIENE	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****			µg/L			8 HC
34391 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.030 MONTHLY AV	0.073 DAILY MAX		******	20 MONTHLY AV	49 DAILY MAX			1/365	8 HC
HEXACHLOROETHANE	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****			µg/L			8 HC
34396 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.031 MONTHLY AV	0.081 DAILY MAX		******	21 MONTHLY AV	54 DAILY MAX			1/365	8 HC
METHYL CHLORIDE	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34418 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.13 MONTHLY AV	0.28 DAILY MAX		******	86 MONTHLY AV	190 DAILY MAX			1/365	8 HC
METHYLENE CHLORIDE	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34423 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.060 MONTHLY AV	0.13 DAILY MAX		******	40 MONTHLY AV	89 DAILY MAX			1/365	8 HC

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Christina Kaba	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.					
Director EHS Remediation/Governance				17	10	10
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	215	299-6047		
TYPED OR PRINTED			AREA	NUMBER	YEAR	MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

EPA Form 3320-1 (Rev 01/06) Previous editions may be used.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different) — OMB No. 2040-004

NAME:	Avtex Fibers										**DMR MAILING ZIP CODE:**		23218
ADDRESS:	404 Kendrick Lane		**PERMIT NUMBER**					**DISCHARGE NUMBER**					
	Front Royal, VA 22630										DESCRIPTION:		
			MONITORING PERIOD								GLTP EFFLUENT (OUTFALL 004)		
FACILITY:	AVTEX FIBERS		**YEAR**	**MO**	**DAY**		**YEAR**	**MO**	**DAY**		External Outfall		
LOCATION:	FRONT ROYAL, VA	**FROM**	17	09	01	TO	17	09	30			**No Discharge**	
ATTN:													

PARAMETER		QUANTITY OR LOADING VALUE	QUANTITY OR LOADING VALUE	UNITS	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	UNITS	**NO. EX**	FREQUENCY OF ANALYSIS	**SAMPLE TYPE**
NAPHTHALENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34696 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.033 MONTHLY AV	0.088 DAILY MAX		******	22 MONTHLY AV	59 DAILY MAX			1/365	8 HC
NITROBENZENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34447 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.040 MONTHLY AV	0.10 DAILY MAX		******	27 MONTHLY AV	68 DAILY MAX			1/365	8 HC
2-NITROPHENOL	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34591 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.061 MONTHLY AV	0.10 DAILY MAX		******	41 MONTHLY AV	69 DAILY MAX			1/365	8 HC
4-NITROPHENOL	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34646 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.11 MONTHLY AV	0.19 DAILY MAX		******	72 MONTHLY AV	124 DAILY MAX			1/365	8 HC
PHENANTHRENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34461 1 0	**PERMIT REQUIREMENT**	0.033 MONTHLY AV	0.088 DAILY MAX		******	22 MONTHLY AV	59 DAILY MAX			1/365	8 HC
PHENOL	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34694 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.022 MONTHLY AV	0.039 DAILY MAX		******	15 MONTHLY AV	26 DAILY MAX			1/365	8 HC
PYRENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34469 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.037 MONTHLY AV	0.10 DAILY MAX		******	25 MONTHLY AV	67 DAILY MAX			1/365	8 HC

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Christina Kaba	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.					
Director EHS Remediation/Governance				12	10	10
	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	215	299-6047			
TYPED OR PRINTED		AREA	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

EPA Form 3320-1 (Rev 01/06) Previous editions may be used.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

OMB No. 2040-004

NAME:	Avtex Fibers									004			**DMR MAILING ZIP CODE:**				23218	
ADDRESS:	404 Kendrick Lane					**PERMIT NUMBER**				**DISCHARGE NUMBER**								
	Front Royal, VA 22630												DESCRIPTION:					
						MONITORING PERIOD							GLTP EFFLUENT (OUTFALL 004)					
FACILITY:	AVTEX FIBERS					**YEAR**	**MO**	**DAY**		**YEAR**	**MO**	**DAY**	External Outfall					
LOCATION:	FRONT ROYAL, VA				**FROM**	17	09	01	TO	17	09	30				**No Discharge**		
ATTN:																		

PARAMETER		QUANTITY OR LOADING VALUE	QUANTITY OR LOADING VALUE	UNITS	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	UNITS	**NO. EX**	FREQUENCY OF ANALYSIS	**SAMPLE TYPE**
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34475 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.033 MONTHLY AV	0.084 DAILY MAX		******	22 MONTHLY AV	56 DAILY MAX			1/365	8 HC
TOLUENE	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34010 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.039 MONTHLY AV	0.12 DAILY MAX		******	26 MONTHLY AV	80 DAILY MAX			1/365	8 HC
CHROMIUM, TOTAL	SAMPLE MEASUREMENT			KG/D	*****	4.2	4.2	µg/L			8 HC
01118 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	1.66 MONTHLY AV	4.15 DAILY MAX		******	1,110 MONTHLY AV	2,770 DAILY MAX			1/365	8 HC
COPPER, TOTAL	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
01119 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	2.17 MONTHLY AV	5.07 DAILY MAX		******	1,450 MONTHLY AV	3,380 DAILY MAX			1/365	8 HC
CYANIDE, TOTAL	SAMPLE MEASUREMENT	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
00720 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.63 MONTHLY AV	1.80 DAILY MAX		******	420 MONTHLY AV	1,200 DAILY MAX			1/365	8 HC
LEAD, TOTAL	SAMPLE MEASUREMENT			KG/D	*****	2.5	2.5	µg/L			8 HC
01114 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	0.48 MONTHLY AV	1.03 DAILY MAX		******	320 MONTHLY AV	690 DAILY MAX			1/365	8 HC
NICKEL, TOTAL	SAMPLE MEASUREMENT			KG/D	*****	16.9	16.9	µg/L			8 HC
01074 1 0 EFFLUENT GROSS	PERMIT REQUIREMENT	2.53 MONTHLY AV	5.97 DAILY MAX		******	1,690 MONTHLY AV	3,980 DAILY MAX			1/365	8 HC

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Christina Kaba
Director EHS Remediation/Governance

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA	NUMBER	YEAR	MO	DAY
215	299-6047	12	10	10

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

EPA Form 3320-1 (Rev 01/06) Previous editions may be used.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS: (Include Facility Name/Location if different)

OMB No. 2040-004

NAME:	Avtex Fibers					004				**DMR MAILING ZIP CODE:**			23218
ADDRESS:	404 Kendrick Lane			**PERMIT NUMBER**		**DISCHARGE NUMBER**							
	Front Royal, VA 22630									DESCRIPTION:			
				MONITORING PERIOD						GLTP EFFLUENT (OUTFALL 004)			
FACILITY:	AVTEX FIBERS			**YEAR**	**MO**	**DAY**		**YEAR**	**MO**	**DAY**	External Outfall		
LOCATION:	FRONT ROYAL, VA		**FROM**	17	09	01	TO	17	09	30		**No Discharge**	
ATTN:													

PARAMETER		QUANTITY OR LOADING VALUE	QUANTITY OR LOADING VALUE	UNITS	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	QUALITY OR CONCENTRATION VALUE	UNITS	**NO. EX**	FREQUENCY OF ANALYSIS	**SAMPLE TYPE**
ZINC, TOTAL	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
01094 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	4.98 MONTHLY AV	10.2 DAILY MAX		******	3,325 MONTHLY AV	6,796 DAILY MAX			1/365	8 HC
1,2,4-TRICHLOROBENZENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34551 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.10 MONTHLY AV	0.21 DAILY MAX		******	68 MONTHLY AV	140 DAILY MAX			1/365	8 HC
1,1,1-TRICHLOROETHANE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34506 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.031 MONTHLY AV	0.081 DAILY MAX		******	21 MONTHLY AV	54 DAILY MAX			1/365	8 HC
1,1,2-TRICHLOROETHANE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
34511 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.031 MONTHLY AV	0.081 DAILY MAX		******	21 MONTHLY AV	54 DAILY MAX			1/365	8 HC
TRICHLOROETHYLENE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
39180 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.031 MONTHLY AV	0.081 DAILY MAX		******	21 MONTHLY AV	54 DAILY MAX			1/365	8 HC
VINYL CHLORIDE	**SAMPLE MEASUREMENT**	<QL	<QL	KG/D	*****	<QL	<QL	µg/L			8 HC
39175 1 0 EFFLUENT GROSS	**PERMIT REQUIREMENT**	0.16 MONTHLY AV	0.40 DAILY MAX		******	104 MONTHLY AV	268 DAILY MAX			1/365	8 HC
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		TELEPHONE		DATE		
Christina Kaba Director EHS Remediation/Governance	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	215 (AREA)	299-6047 (NUMBER)	17 (YEAR)	10 (MO)	10 (DAY)
TYPED OR PRINTED						

COMMENT AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*

EPA Form 3320-1 (Rev 01/06) Previous editions may be used.

Avtex Fibers
Front Royal, VA
Outfall 004
September 2017 DMR

pH Calculations:

Date And Time	pH	Date And Time	pH	Date And Time	pH
9/1/2017 12:00 AM	7.24	9/2/2017 12:00 AM	7.12	9/3/2017 12:00 AM	7.28
9/1/2017 12:15 AM	7.23	9/2/2017 12:15 AM	7.12	9/3/2017 12:15 AM	7.27
9/1/2017 12:30 AM		9/2/2017 12:30 AM	7.23	9/3/2017 12:30 AM	7.26
9/1/2017 12:45 AM	7.15	9/2/2017 12:45 AM	7.31	9/3/2017 12:45 AM	7.26
9/1/2017 1:00 AM	7.14	9/2/2017 1:00 AM	7.31	9/3/2017 1:00 AM	7.25
9/1/2017 1:15 AM	7.10	9/2/2017 1:15 AM	7.30	9/3/2017 1:15 AM	7.24
9/1/2017 1:30 AM	7.25	9/2/2017 1:30 AM	7.28	9/3/2017 1:30 AM	7.24
9/1/2017 1:45 AM	7.29	9/2/2017 1:45 AM	7.27	9/3/2017 1:45 AM	7.23
9/1/2017 2:00 AM	7.28	9/2/2017 2:00 AM	7.26	9/3/2017 2:00 AM	7.24
9/1/2017 2:15 AM	7.27	9/2/2017 2:15 AM	7.25	9/3/2017 2:15 AM	7.15
9/1/2017 2:30 AM	7.26	9/2/2017 2:30 AM	7.24	9/3/2017 2:30 AM	7.14
9/1/2017 2:45 AM	7.25	9/2/2017 2:45 AM	7.23	9/3/2017 2:45 AM	7.13
9/1/2017 3:00 AM	7.25	9/2/2017 3:00 AM	7.23	9/3/2017 3:00 AM	7.13
9/1/2017 3:15 AM	7.24	9/2/2017 3:15 AM	7.22	9/3/2017 3:15 AM	7.21
9/1/2017 3:30 AM	7.23	9/2/2017 3:30 AM	7.22	9/3/2017 3:30 AM	7.32
9/1/2017 3:45 AM	7.23	9/2/2017 3:45 AM	7.21	9/3/2017 3:45 AM	7.33
9/1/2017 4:00 AM	7.22	9/2/2017 4:00 AM	7.21	9/3/2017 4:00 AM	7.32
9/1/2017 4:15 AM	7.22	9/2/2017 4:15 AM	7.20	9/3/2017 4:15 AM	7.30
9/1/2017 4:30 AM	7.21	9/2/2017 4:30 AM	7.20	9/3/2017 4:30 AM	7.29
9/1/2017 4:45 AM	7.21	9/2/2017 4:45 AM	7.20	9/3/2017 4:45 AM	7.27
9/1/2017 5:00 AM	7.23	9/2/2017 5:00 AM	7.21	9/3/2017 5:00 AM	7.26
9/1/2017 5:15 AM	7.15	9/2/2017 5:15 AM	7.15	9/3/2017 5:15 AM	7.26
9/1/2017 5:30 AM	7.13	9/2/2017 5:30 AM	7.14	9/3/2017 5:30 AM	7.25
9/1/2017 5:45 AM	7.13	9/2/2017 5:45 AM	7.13	9/3/2017 5:45 AM	7.25
9/1/2017 6:00 AM	7.12	9/2/2017 6:00 AM	7.18	9/3/2017 6:00 AM	7.24
9/1/2017 6:15 AM	7.14	9/2/2017 6:15 AM	7.31	9/3/2017 6:15 AM	7.23
9/1/2017 6:30 AM	7.27	9/2/2017 6:30 AM	7.32	9/3/2017 6:30 AM	7.23
9/1/2017 6:45 AM	7.29	9/2/2017 6:45 AM	7.30	9/3/2017 6:45 AM	7.15
9/1/2017 7:00 AM	7.28	9/2/2017 7:00 AM	7.28	9/3/2017 7:00 AM	7.14
9/1/2017 7:15 AM	7.27	9/2/2017 7:15 AM	7.27	9/3/2017 7:15 AM	7.13
9/1/2017 7:30 AM	7.25	9/2/2017 7:30 AM	7.26	9/3/2017 7:30 AM	7.13
9/1/2017 7:45 AM	7.24	9/2/2017 7:45 AM	7.24	9/3/2017 7:45 AM	7.13
9/1/2017 8:00 AM	7.23	9/2/2017 8:00 AM	7.24	9/3/2017 8:00 AM	7.13
9/1/2017 8:15 AM	7.23	9/2/2017 8:15 AM	7.17	9/3/2017 8:15 AM	7.13
9/1/2017 8:30 AM	7.22	9/2/2017 8:30 AM	7.15	9/3/2017 8:30 AM	7.18
9/1/2017 8:45 AM	7.21	9/2/2017 8:45 AM	7.14	9/3/2017 8:45 AM	7.34
9/1/2017 9:00 AM	7.21	9/2/2017 9:00 AM	7.14	9/3/2017 9:00 AM	7.18
9/1/2017 9:15 AM	7.20	9/2/2017 9:15 AM	7.14	9/3/2017 9:15 AM	7.15
9/1/2017 9:30 AM	7.19	9/2/2017 9:30 AM	7.12	9/3/2017 9:30 AM	7.14
9/1/2017 9:45 AM	7.14	9/2/2017 9:45 AM	7.30	9/3/2017 9:45 AM	7.21
9/1/2017 10:00 AM	7.12	9/2/2017 10:00 AM	7.33	9/3/2017 10:00 AM	7.34
9/1/2017 10:15 AM	7.12	9/2/2017 10:15 AM	7.32	9/3/2017 10:15 AM	7.34
9/1/2017 10:30 AM	7.12	9/2/2017 10:30 AM	7.30	9/3/2017 10:30 AM	7.33
9/1/2017 10:45 AM	7.11	9/2/2017 10:45 AM	7.29	9/3/2017 10:45 AM	7.32
9/1/2017 11:00 AM	7.14	9/2/2017 11:00 AM	7.27	9/3/2017 11:00 AM	7.32

9/1/2017 11:15 AM	7.28	9/2/2017 11:15 AM	7.26	9/3/2017 11:15 AM	7.19
9/1/2017 11:30 AM	7.30	9/2/2017 11:30 AM	7.25	9/3/2017 11:30 AM	7.17
9/1/2017 11:45 AM	7.29	9/2/2017 11:45 AM	7.24	9/3/2017 11:45 AM	7.16
9/1/2017 12:00 PM	7.28	9/2/2017 12:00 PM	7.24	9/3/2017 12:00 PM	7.16
9/1/2017 12:15 PM	7.26	9/2/2017 12:15 PM	7.23	9/3/2017 12:15 PM	7.11
9/1/2017 12:30 PM	7.25	9/2/2017 12:30 PM	7.23	9/3/2017 12:30 PM	7.31
9/1/2017 12:45 PM	7.24	9/2/2017 12:45 PM	7.22	9/3/2017 12:45 PM	7.35
9/1/2017 1:00 PM	7.23	9/2/2017 1:00 PM	7.22	9/3/2017 1:00 PM	7.37
9/1/2017 1:15 PM	7.23	9/2/2017 1:15 PM	7.22	9/3/2017 1:15 PM	7.38
9/1/2017 1:30 PM	7.22	9/2/2017 1:30 PM	7.22	9/3/2017 1:30 PM	7.38
9/1/2017 1:45 PM	7.22	9/2/2017 1:45 PM	7.21	9/3/2017 1:45 PM	7.36
9/1/2017 2:00 PM	7.23	9/2/2017 2:00 PM	7.21	9/3/2017 2:00 PM	7.32
9/1/2017 2:15 PM	7.14	9/2/2017 2:15 PM	7.21	9/3/2017 2:15 PM	7.31
9/1/2017 2:30 PM	7.12	9/2/2017 2:30 PM	7.21	9/3/2017 2:30 PM	7.36
9/1/2017 2:45 PM	7.12	9/2/2017 2:45 PM	7.21	9/3/2017 2:45 PM	7.37
9/1/2017 3:00 PM	7.12	9/2/2017 3:00 PM	7.21	9/3/2017 3:00 PM	7.36
9/1/2017 3:15 PM	7.11	9/2/2017 3:15 PM	7.21	9/3/2017 3:15 PM	7.31
9/1/2017 3:30 PM	7.23	9/2/2017 3:30 PM	7.21	9/3/2017 3:30 PM	7.27
9/1/2017 3:45 PM	7.29	9/2/2017 3:45 PM	7.21	9/3/2017 3:45 PM	7.26
9/1/2017 4:00 PM	7.29	9/2/2017 4:00 PM	7.21	9/3/2017 4:00 PM	7.24
9/1/2017 4:15 PM	7.29	9/2/2017 4:15 PM	7.21	9/3/2017 4:15 PM	7.22
9/1/2017 4:30 PM	7.28	9/2/2017 4:30 PM	7.20	9/3/2017 4:30 PM	7.22
9/1/2017 4:45 PM	7.27	9/2/2017 4:45 PM	7.20	9/3/2017 4:45 PM	7.21
9/1/2017 5:00 PM	7.26	9/2/2017 5:00 PM	7.26	9/3/2017 5:00 PM	7.21
9/1/2017 5:15 PM	7.25	9/2/2017 5:15 PM	7.15	9/3/2017 5:15 PM	7.21
9/1/2017 5:30 PM	7.24	9/2/2017 5:30 PM	7.14	9/3/2017 5:30 PM	7.21
9/1/2017 5:45 PM	7.23	9/2/2017 5:45 PM	7.14	9/3/2017 5:45 PM	7.21
9/1/2017 6:00 PM	7.23	9/2/2017 6:00 PM	7.14	9/3/2017 6:00 PM	7.22
9/1/2017 6:15 PM	7.22	9/2/2017 6:15 PM	7.14	9/3/2017 6:15 PM	7.23
9/1/2017 6:30 PM	7.24	9/2/2017 6:30 PM	7.25	9/3/2017 6:30 PM	7.25
9/1/2017 6:45 PM	7.14	9/2/2017 6:45 PM	7.34	9/3/2017 6:45 PM	7.25
9/1/2017 7:00 PM	7.13	9/2/2017 7:00 PM	7.34	9/3/2017 7:00 PM	7.24
9/1/2017 7:15 PM	7.12	9/2/2017 7:15 PM	7.32	9/3/2017 7:15 PM	7.22
9/1/2017 7:30 PM	7.12	9/2/2017 7:30 PM	7.30	9/3/2017 7:30 PM	7.21
9/1/2017 7:45 PM	7.12	9/2/2017 7:45 PM	7.29	9/3/2017 7:45 PM	7.20
9/1/2017 8:00 PM	7.12	9/2/2017 8:00 PM	7.27	9/3/2017 8:00 PM	7.24
9/1/2017 8:15 PM	7.12	9/2/2017 8:15 PM	7.26	9/3/2017 8:15 PM	7.27
9/1/2017 8:30 PM	7.15	9/2/2017 8:30 PM	7.26	9/3/2017 8:30 PM	7.24
9/1/2017 8:45 PM	7.30	9/2/2017 8:45 PM	7.25	9/3/2017 8:45 PM	7.20
9/1/2017 9:00 PM	7.31	9/2/2017 9:00 PM	7.24	9/3/2017 9:00 PM	7.19
9/1/2017 9:15 PM	7.30	9/2/2017 9:15 PM	7.24	9/3/2017 9:15 PM	7.18
9/1/2017 9:30 PM	7.28	9/2/2017 9:30 PM	7.26	9/3/2017 9:30 PM	7.18
9/1/2017 9:45 PM	7.27	9/2/2017 9:45 PM	7.16	9/3/2017 9:45 PM	7.29
9/1/2017 10:00 PM	7.26	9/2/2017 10:00 PM	7.14	9/3/2017 10:00 PM	7.31
9/1/2017 10:15 PM	7.25	9/2/2017 10:15 PM	7.13	9/3/2017 10:15 PM	7.31
9/1/2017 10:30 PM	7.24	9/2/2017 10:30 PM	7.13	9/3/2017 10:30 PM	7.30
9/1/2017 10:45 PM	7.23	9/2/2017 10:45 PM	7.25	9/3/2017 10:45 PM	7.29
9/1/2017 11:00 PM	7.20	9/2/2017 11:00 PM	7.33	9/3/2017 11:00 PM	7.28
9/1/2017 11:15 PM	7.14	9/2/2017 11:15 PM	7.32	9/3/2017 11:15 PM	7.27
9/1/2017 11:30 PM	7.13	9/2/2017 11:30 PM	7.31	9/3/2017 11:30 PM	7.27
9/1/2017 11:45 PM	7.13	9/2/2017 11:45 PM	7.29	9/3/2017 11:45 PM	7.26
AVG	7.21	AVG	7.23	AVG	7.25

Note: Communications loss on 9/1/2017 at 12:30AM data for this time is not included in the average.

Date And Time	pH	Date And Time	pH	Date And Time	pH
9/4/2017 12:00 AM	7.26	9/5/2017 12:00 AM	7.20	9/6/2017 12:00 AM	7.30
9/4/2017 12:15 AM	7.26	9/5/2017 12:15 AM	7.19	9/6/2017 12:15 AM	7.29
9/4/2017 12:30 AM	7.25	9/5/2017 12:30 AM	7.28	9/6/2017 12:30 AM	7.29
9/4/2017 12:45 AM	7.25	9/5/2017 12:45 AM	7.33	9/6/2017 12:45 AM	7.29
9/4/2017 1:00 AM	7.25	9/5/2017 1:00 AM	7.34	9/6/2017 1:00 AM	7.29
9/4/2017 1:15 AM	7.25	9/5/2017 1:15 AM	7.34	9/6/2017 1:15 AM	7.29
9/4/2017 1:30 AM	7.24	9/5/2017 1:30 AM	7.33	9/6/2017 1:30 AM	7.29
9/4/2017 1:45 AM	7.24	9/5/2017 1:45 AM	7.32	9/6/2017 1:45 AM	7.28
9/4/2017 2:00 AM	7.24	9/5/2017 2:00 AM	7.32	9/6/2017 2:00 AM	7.28
9/4/2017 2:15 AM	7.24	9/5/2017 2:15 AM	7.31	9/6/2017 2:15 AM	7.28
9/4/2017 2:30 AM	7.24	9/5/2017 2:30 AM	7.31	9/6/2017 2:30 AM	7.28
9/4/2017 2:45 AM	7.23	9/5/2017 2:45 AM	7.30	9/6/2017 2:45 AM	7.28
9/4/2017 3:00 AM	7.23	9/5/2017 3:00 AM	7.30	9/6/2017 3:00 AM	7.28
9/4/2017 3:15 AM	7.23	9/5/2017 3:15 AM	7.29	9/6/2017 3:15 AM	7.28
9/4/2017 3:30 AM	7.23	9/5/2017 3:30 AM	7.27	9/6/2017 3:30 AM	7.28
9/4/2017 3:45 AM	7.23	9/5/2017 3:45 AM	7.22	9/6/2017 3:45 AM	7.27
9/4/2017 4:00 AM	7.23	9/5/2017 4:00 AM	7.20	9/6/2017 4:00 AM	7.27
9/4/2017 4:15 AM	7.23	9/5/2017 4:15 AM	7.19	9/6/2017 4:15 AM	7.27
9/4/2017 4:30 AM	7.22	9/5/2017 4:30 AM	7.19	9/6/2017 4:30 AM	7.27
9/4/2017 4:45 AM	7.22	9/5/2017 4:45 AM	7.16	9/6/2017 4:45 AM	7.27
9/4/2017 5:00 AM	7.24	9/5/2017 5:00 AM	7.32	9/6/2017 5:00 AM	7.27
9/4/2017 5:15 AM	7.17	9/5/2017 5:15 AM	7.36	9/6/2017 5:15 AM	7.26
9/4/2017 5:30 AM	7.15	9/5/2017 5:30 AM	7.36	9/6/2017 5:30 AM	7.26
9/4/2017 5:45 AM	7.15	9/5/2017 5:45 AM	7.35	9/6/2017 5:45 AM	7.26
9/4/2017 6:00 AM	7.14	9/5/2017 6:00 AM	7.34	9/6/2017 6:00 AM	7.26
9/4/2017 6:15 AM	7.14	9/5/2017 6:15 AM	7.33	9/6/2017 6:15 AM	7.26
9/4/2017 6:30 AM	7.21	9/5/2017 6:30 AM	7.32	9/6/2017 6:30 AM	7.25
9/4/2017 6:45 AM	7.32	9/5/2017 6:45 AM	7.31	9/6/2017 6:45 AM	7.22
9/4/2017 7:00 AM	7.33	9/5/2017 7:00 AM	7.30	9/6/2017 7:00 AM	7.21
9/4/2017 7:15 AM	7.32	9/5/2017 7:15 AM	7.30	9/6/2017 7:15 AM	7.21
9/4/2017 7:30 AM	7.31	9/5/2017 7:30 AM	7.30	9/6/2017 7:30 AM	7.20
9/4/2017 7:45 AM	7.30	9/5/2017 7:45 AM	7.29	9/6/2017 7:45 AM	7.17
9/4/2017 8:00 AM	7.29	9/5/2017 8:00 AM	7.31	9/6/2017 8:00 AM	7.35
9/4/2017 8:15 AM	7.28	9/5/2017 8:15 AM	7.21	9/6/2017 8:15 AM	7.38
9/4/2017 8:30 AM	7.27	9/5/2017 8:30 AM	7.19	9/6/2017 8:30 AM	7.38
9/4/2017 8:45 AM	7.27	9/5/2017 8:45 AM	7.18	9/6/2017 8:45 AM	7.37
9/4/2017 9:00 AM	7.26	9/5/2017 9:00 AM	7.17	9/6/2017 9:00 AM	7.36
9/4/2017 9:15 AM	7.26	9/5/2017 9:15 AM	7.07	9/6/2017 9:15 AM	7.34
9/4/2017 9:30 AM	7.26	9/5/2017 9:30 AM	7.29	9/6/2017 9:30 AM	7.33
9/4/2017 9:45 AM	7.26	9/5/2017 9:45 AM	7.34	9/6/2017 9:45 AM	7.32
9/4/2017 10:00 AM	7.27	9/5/2017 10:00 AM	7.35	9/6/2017 10:00 AM	7.32
9/4/2017 10:15 AM	7.29	9/5/2017 10:15 AM	7.37	9/6/2017 10:15 AM	7.32
9/4/2017 10:30 AM	7.30	9/5/2017 10:30 AM	7.38	9/6/2017 10:30 AM	7.31
9/4/2017 10:45 AM	7.31	9/5/2017 10:45 AM	7.37	9/6/2017 10:45 AM	7.31
9/4/2017 11:00 AM	7.29	9/5/2017 11:00 AM	7.38	9/6/2017 11:00 AM	7.31
9/4/2017 11:15 AM	7.17	9/5/2017 11:15 AM	7.37	9/6/2017 11:15 AM	7.25
9/4/2017 11:30 AM	7.15	9/5/2017 11:30 AM	7.36	9/6/2017 11:30 AM	7.22
9/4/2017 11:45 AM	7.14	9/5/2017 11:45 AM	7.35	9/6/2017 11:45 AM	7.21
9/4/2017 12:00 PM	7.13	9/5/2017 12:00 PM	7.36	9/6/2017 12:00 PM	7.20
9/4/2017 12:15 PM	7.11	9/5/2017 12:15 PM	7.35	9/6/2017 12:15 PM	7.20
9/4/2017 12:30 PM	7.11	9/5/2017 12:30 PM	7.35	9/6/2017 12:30 PM	7.20
9/4/2017 12:45 PM	7.10	9/5/2017 12:45 PM	7.38	9/6/2017 12:45 PM	7.33
9/4/2017 1:00 PM	7.26	9/5/2017 1:00 PM	7.34	9/6/2017 1:00 PM	7.39
9/4/2017 1:15 PM	7.36	9/5/2017 1:15 PM	7.29	9/6/2017 1:15 PM	7.39
9/4/2017 1:30 PM	7.38	9/5/2017 1:30 PM	7.27	9/6/2017 1:30 PM	7.38
9/4/2017 1:45 PM	7.38	9/5/2017 1:45 PM	7.25	9/6/2017 1:45 PM	7.36
9/4/2017 2:00 PM	7.32	9/5/2017 2:00 PM	7.23	9/6/2017 2:00 PM	7.35
9/4/2017 2:15 PM	7.29	9/5/2017 2:15 PM	7.23	9/6/2017 2:15 PM	7.34
9/4/2017 2:30 PM	7.25	9/5/2017 2:30 PM	7.23	9/6/2017 2:30 PM	7.33
9/4/2017 2:45 PM	7.22	9/5/2017 2:45 PM	7.38	9/6/2017 2:45 PM	7.32
9/4/2017 3:00 PM	7.21	9/5/2017 3:00 PM	7.27	9/6/2017 3:00 PM	7.32
9/4/2017 3:15 PM	7.22	9/5/2017 3:15 PM	7.25	9/6/2017 3:15 PM	7.31
9/4/2017 3:30 PM	7.30	9/5/2017 3:30 PM	7.30	9/6/2017 3:30 PM	7.31
9/4/2017 3:45 PM	7.36	9/5/2017 3:45 PM	7.39	9/6/2017 3:45 PM	7.25
9/4/2017 4:00 PM	7.38	9/5/2017 4:00 PM	7.41	9/6/2017 4:00 PM	7.22
9/4/2017 4:15 PM	7.40	9/5/2017 4:15 PM	7.42	9/6/2017 4:15 PM	7.21
9/4/2017 4:30 PM	7.40	9/5/2017 4:30 PM	7.40	9/6/2017 4:30 PM	7.21
9/4/2017 4:45 PM	7.39	9/5/2017 4:45 PM	7.37	9/6/2017 4:45 PM	7.20
9/4/2017 5:00 PM	7.37	9/5/2017 5:00 PM	7.34	9/6/2017 5:00 PM	7.20
9/4/2017 5:15 PM	7.36	9/5/2017 5:15 PM	7.31	9/6/2017 5:15 PM	7.20
9/4/2017 5:30 PM	7.35	9/5/2017 5:30 PM	7.30	9/6/2017 5:30 PM	7.21
9/4/2017 5:45 PM	7.34	9/5/2017 5:45 PM	7.28	9/6/2017 5:45 PM	7.21
9/4/2017 6:00 PM	7.34	9/5/2017 6:00 PM	7.27	9/6/2017 6:00 PM	7.34
9/4/2017 6:15 PM	7.33	9/5/2017 6:15 PM	7.26	9/6/2017 6:15 PM	7.32
9/4/2017 6:30 PM	7.33	9/5/2017 6:30 PM	7.22	9/6/2017 6:30 PM	7.25
9/4/2017 6:45 PM	7.32	9/5/2017 6:45 PM	7.35	9/6/2017 6:45 PM	7.23
9/4/2017 7:00 PM	7.30	9/5/2017 7:00 PM	7.39	9/6/2017 7:00 PM	7.31

9/4/2017 7:15 PM	7.28	9/5/2017 7:15 PM	7.38	9/6/2017 7:15 PM	7.42
9/4/2017 7:30 PM	7.26	9/5/2017 7:30 PM	7.38	9/6/2017 7:30 PM	7.42
9/4/2017 7:45 PM	7.25	9/5/2017 7:45 PM	7.37	9/6/2017 7:45 PM	7.41
9/4/2017 8:00 PM	7.24	9/5/2017 8:00 PM	7.36	9/6/2017 8:00 PM	7.38
9/4/2017 8:15 PM	7.23	9/5/2017 8:15 PM	7.35	9/6/2017 8:15 PM	7.27
9/4/2017 8:30 PM	7.23	9/5/2017 8:30 PM	7.34	9/6/2017 8:30 PM	7.25
9/4/2017 8:45 PM	7.23	9/5/2017 8:45 PM	7.34	9/6/2017 8:45 PM	7.24
9/4/2017 9:00 PM	7.23	9/5/2017 9:00 PM	7.33	9/6/2017 9:00 PM	7.24
9/4/2017 9:15 PM	7.23	9/5/2017 9:15 PM	7.33	9/6/2017 9:15 PM	7.35
9/4/2017 9:30 PM	7.23	9/5/2017 9:30 PM	7.33	9/6/2017 9:30 PM	7.43
9/4/2017 9:45 PM	7.23	9/5/2017 9:45 PM	7.32	9/6/2017 9:45 PM	7.43
9/4/2017 10:00 PM	7.23	9/5/2017 10:00 PM	7.32	9/6/2017 10:00 PM	7.41
9/4/2017 10:15 PM	7.23	9/5/2017 10:15 PM	7.31	9/6/2017 10:15 PM	7.40
9/4/2017 10:30 PM	7.22	9/5/2017 10:30 PM	7.31	9/6/2017 10:30 PM	7.39
9/4/2017 10:45 PM	7.27	9/5/2017 10:45 PM	7.31	9/6/2017 10:45 PM	7.37
9/4/2017 11:00 PM	7.28	9/5/2017 11:00 PM	7.31	9/6/2017 11:00 PM	7.36
9/4/2017 11:15 PM	7.26	9/5/2017 11:15 PM	7.30	9/6/2017 11:15 PM	7.36
9/4/2017 11:30 PM	7.23	9/5/2017 11:30 PM	7.30	9/6/2017 11:30 PM	7.35
9/4/2017 11:45 PM	7.21	9/5/2017 11:45 PM	7.30	9/6/2017 11:45 PM	7.34
AVG	7.26	AVG	7.31	AVG	7.30

Date And Time	pH	Date And Time	pH	Date And Time	pH
9/7/2017 12:00 AM	7.34	9/8/2017 12:00 AM	7.27	9/9/2017 12:00 AM	7.34
9/7/2017 12:15 AM	7.33	9/8/2017 12:15 AM	7.26	9/9/2017 12:15 AM	7.33
9/7/2017 12:30 AM	7.33	9/8/2017 12:30 AM	7.25	9/9/2017 12:30 AM	7.33
9/7/2017 12:45 AM	7.32	9/8/2017 12:45 AM	7.43	9/9/2017 12:45 AM	7.33
9/7/2017 1:00 AM	7.32	9/8/2017 1:00 AM	7.46	9/9/2017 1:00 AM	7.33
9/7/2017 1:15 AM	7.31	9/8/2017 1:15 AM	7.45	9/9/2017 1:15 AM	7.32
9/7/2017 1:30 AM	7.31	9/8/2017 1:30 AM	7.44	9/9/2017 1:30 AM	7.32
9/7/2017 1:45 AM	7.31	9/8/2017 1:45 AM	7.42	9/9/2017 1:45 AM	7.32
9/7/2017 2:00 AM	7.31	9/8/2017 2:00 AM	7.41	9/9/2017 2:00 AM	7.32
9/7/2017 2:15 AM	7.31	9/8/2017 2:15 AM	7.39	9/9/2017 2:15 AM	7.32
9/7/2017 2:30 AM	7.30	9/8/2017 2:30 AM	7.38	9/9/2017 2:30 AM	7.32
9/7/2017 2:45 AM	7.30	9/8/2017 2:45 AM	7.38	9/9/2017 2:45 AM	7.31
9/7/2017 3:00 AM	7.30	9/8/2017 3:00 AM	7.37	9/9/2017 3:00 AM	7.31
9/7/2017 3:15 AM	7.30	9/8/2017 3:15 AM	7.36	9/9/2017 3:15 AM	7.31
9/7/2017 3:30 AM	7.30	9/8/2017 3:30 AM	7.36	9/9/2017 3:30 AM	7.20
9/7/2017 3:45 AM	7.30	9/8/2017 3:45 AM	7.35	9/9/2017 3:45 AM	7.40
9/7/2017 4:00 AM	7.30	9/8/2017 4:00 AM	7.35	9/9/2017 4:00 AM	7.44
9/7/2017 4:15 AM	7.29	9/8/2017 4:15 AM	7.35	9/9/2017 4:15 AM	7.44
9/7/2017 4:30 AM	7.29	9/8/2017 4:30 AM	7.34	9/9/2017 4:30 AM	7.43
9/7/2017 4:45 AM	7.29	9/8/2017 4:45 AM	7.34	9/9/2017 4:45 AM	7.41
9/7/2017 5:00 AM	7.35	9/8/2017 5:00 AM	7.34	9/9/2017 5:00 AM	7.40
9/7/2017 5:15 AM	7.24	9/8/2017 5:15 AM	7.34	9/9/2017 5:15 AM	7.39
9/7/2017 5:30 AM	7.23	9/8/2017 5:30 AM	7.33	9/9/2017 5:30 AM	7.38
9/7/2017 5:45 AM	7.23	9/8/2017 5:45 AM	7.33	9/9/2017 5:45 AM	7.38
9/7/2017 6:00 AM	7.23	9/8/2017 6:00 AM	7.33	9/9/2017 6:00 AM	7.37
9/7/2017 6:15 AM	7.23	9/8/2017 6:15 AM	7.33	9/9/2017 6:15 AM	7.37
9/7/2017 6:30 AM	7.26	9/8/2017 6:30 AM	7.33	9/9/2017 6:30 AM	7.38
9/7/2017 6:45 AM	7.41	9/8/2017 6:45 AM	7.33	9/9/2017 6:45 AM	7.29
9/7/2017 7:00 AM	7.42	9/8/2017 7:00 AM	7.33	9/9/2017 7:00 AM	7.27
9/7/2017 7:15 AM	7.41	9/8/2017 7:15 AM	7.32	9/9/2017 7:15 AM	7.27
9/7/2017 7:30 AM	7.40	9/8/2017 7:30 AM	7.32	9/9/2017 7:30 AM	7.26
9/7/2017 7:45 AM	7.39	9/8/2017 7:45 AM	7.32	9/9/2017 7:45 AM	7.26
9/7/2017 8:00 AM	7.37	9/8/2017 8:00 AM	7.34	9/9/2017 8:00 AM	7.26
9/7/2017 8:15 AM	7.36	9/8/2017 8:15 AM	7.26	9/9/2017 8:15 AM	7.26
9/7/2017 8:30 AM	7.35	9/8/2017 8:30 AM	7.25	9/9/2017 8:30 AM	7.39
9/7/2017 8:45 AM	7.35	9/8/2017 8:45 AM	7.25	9/9/2017 8:45 AM	7.34
9/7/2017 9:00 AM	7.34	9/8/2017 9:00 AM	7.24	9/9/2017 9:00 AM	7.28
9/7/2017 9:15 AM	7.33	9/8/2017 9:15 AM	7.31	9/9/2017 9:15 AM	7.26
9/7/2017 9:30 AM	7.36	9/8/2017 9:30 AM	7.44	9/9/2017 9:30 AM	7.19
9/7/2017 9:45 AM	7.24	9/8/2017 9:45 AM	7.45	9/9/2017 9:45 AM	7.42
9/7/2017 10:00 AM	7.21	9/8/2017 10:00 AM	7.44	9/9/2017 10:00 AM	7.47
9/7/2017 10:15 AM	7.20	9/8/2017 10:15 AM	7.43	9/9/2017 10:15 AM	7.48
9/7/2017 10:30 AM	7.20	9/8/2017 10:30 AM	7.42	9/9/2017 10:30 AM	7.47
9/7/2017 10:45 AM	7.20	9/8/2017 10:45 AM	7.42	9/9/2017 10:45 AM	7.46
9/7/2017 11:00 AM	7.20	9/8/2017 11:00 AM	7.43	9/9/2017 11:00 AM	7.45
9/7/2017 11:15 AM	7.34	9/8/2017 11:15 AM	7.44	9/9/2017 11:15 AM	7.33
9/7/2017 11:30 AM	7.42	9/8/2017 11:30 AM	7.45	9/9/2017 11:30 AM	7.30
9/7/2017 11:45 AM	7.43	9/8/2017 11:45 AM	7.45	9/9/2017 11:45 AM	7.29
9/7/2017 12:00 PM	7.44	9/8/2017 12:00 PM	7.47	9/9/2017 12:00 PM	7.28
9/7/2017 12:15 PM	7.43	9/8/2017 12:15 PM	7.47	9/9/2017 12:15 PM	7.34
9/7/2017 12:30 PM	7.42	9/8/2017 12:30 PM	7.47	9/9/2017 12:30 PM	7.45
9/7/2017 12:45 PM	7.42	9/8/2017 12:45 PM	7.38	9/9/2017 12:45 PM	7.48
9/7/2017 1:00 PM	7.38	9/8/2017 1:00 PM	7.37	9/9/2017 1:00 PM	7.48
9/7/2017 1:15 PM	7.35	9/8/2017 1:15 PM	7.34	9/9/2017 1:15 PM	7.51
9/7/2017 1:30 PM	7.36	9/8/2017 1:30 PM	7.31	9/9/2017 1:30 PM	7.50
9/7/2017 1:45 PM	7.40	9/8/2017 1:45 PM	7.29	9/9/2017 1:45 PM	7.46
9/7/2017 2:00 PM	7.39	9/8/2017 2:00 PM	7.28	9/9/2017 2:00 PM	7.49
9/7/2017 2:15 PM	7.37	9/8/2017 2:15 PM	7.27	9/9/2017 2:15 PM	7.47
9/7/2017 2:30 PM	7.36	9/8/2017 2:30 PM	7.24	9/9/2017 2:30 PM	7.44
9/7/2017 2:45 PM	7.34	9/8/2017 2:45 PM	7.40	9/9/2017 2:45 PM	7.42
9/7/2017 3:00 PM	7.34	9/8/2017 3:00 PM	7.32	9/9/2017 3:00 PM	7.42
9/7/2017 3:15 PM	7.31	9/8/2017 3:15 PM	7.24	9/9/2017 3:15 PM	7.39
9/7/2017 3:30 PM	7.30	9/8/2017 3:30 PM	7.40	9/9/2017 3:30 PM	7.36
9/7/2017 3:45 PM	7.30	9/8/2017 3:45 PM	7.45	9/9/2017 3:45 PM	7.35
9/7/2017 4:00 PM	7.29	9/8/2017 4:00 PM	7.45	9/9/2017 4:00 PM	7.34
9/7/2017 4:15 PM	7.27	9/8/2017 4:15 PM	7.46	9/9/2017 4:15 PM	7.34
9/7/2017 4:30 PM	7.27	9/8/2017 4:30 PM	7.45	9/9/2017 4:30 PM	7.34
9/7/2017 4:45 PM	7.27	9/8/2017 4:45 PM	7.44	9/9/2017 4:45 PM	7.34
9/7/2017 5:00 PM	7.27	9/8/2017 5:00 PM	7.38	9/9/2017 5:00 PM	7.34
9/7/2017 5:15 PM	7.28	9/8/2017 5:15 PM	7.33	9/9/2017 5:15 PM	7.36
9/7/2017 5:30 PM	7.29	9/8/2017 5:30 PM	7.31	9/9/2017 5:30 PM	7.35
9/7/2017 5:45 PM	7.29	9/8/2017 5:45 PM	7.30	9/9/2017 5:45 PM	7.35
9/7/2017 6:00 PM	7.30	9/8/2017 6:00 PM	7.29	9/9/2017 6:00 PM	7.36
9/7/2017 6:15 PM	7.29	9/8/2017 6:15 PM	7.29	9/9/2017 6:15 PM	7.36
9/7/2017 6:30 PM	7.30	9/8/2017 6:30 PM	7.29	9/9/2017 6:30 PM	7.36
9/7/2017 6:45 PM	7.32	9/8/2017 6:45 PM	7.43	9/9/2017 6:45 PM	7.36
9/7/2017 7:00 PM	7.30	9/8/2017 7:00 PM	7.45	9/9/2017 7:00 PM	7.36

9/7/2017 7:15 PM	7.29	9/8/2017 7:15 PM	7.45	9/9/2017 7:15 PM	7.36
9/7/2017 7:30 PM	7.27	9/8/2017 7:30 PM	7.45	9/9/2017 7:30 PM	7.36
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9/7/2017 8:00 PM	7.25	9/8/2017 8:00 PM	7.43	9/9/2017 8:00 PM	7.36
9/7/2017 8:15 PM	7.25	9/8/2017 8:15 PM	7.42	9/9/2017 8:15 PM	7.34
9/7/2017 8:30 PM	7.24	9/8/2017 8:30 PM	7.41	9/9/2017 8:30 PM	7.33
9/7/2017 8:45 PM	7.21	9/8/2017 8:45 PM	7.40	9/9/2017 8:45 PM	7.31
9/7/2017 9:00 PM	7.38	9/8/2017 9:00 PM	7.39	9/9/2017 9:00 PM	7.29
9/7/2017 9:15 PM	7.31	9/8/2017 9:15 PM	7.39	9/9/2017 9:15 PM	7.28
9/7/2017 9:30 PM	7.27	9/8/2017 9:30 PM	7.38	9/9/2017 9:30 PM	7.28
9/7/2017 9:45 PM	7.34	9/8/2017 9:45 PM	7.37	9/9/2017 9:45 PM	7.35
9/7/2017 10:00 PM	7.43	9/8/2017 10:00 PM	7.37	9/9/2017 10:00 PM	7.43
9/7/2017 10:15 PM	7.44	9/8/2017 10:15 PM	7.36	9/9/2017 10:15 PM	7.44
9/7/2017 10:30 PM	7.43	9/8/2017 10:30 PM	7.36	9/9/2017 10:30 PM	7.43
9/7/2017 10:45 PM	7.41	9/8/2017 10:45 PM	7.35	9/9/2017 10:45 PM	7.42
9/7/2017 11:00 PM	7.38	9/8/2017 11:00 PM	7.35	9/9/2017 11:00 PM	7.41
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9/7/2017 11:45 PM	7.27	9/8/2017 11:45 PM	7.34	9/9/2017 11:45 PM	7.38
AVG	7.32	AVG	7.37	AVG	7.36

Date And Time	pH	Date And Time	pH	Date And Time	pH
9/10/2017 12:00 AM	7.37	9/11/2017 12:00 AM	7.28	9/12/2017 12:00 AM	7.34
9/10/2017 12:15 AM	7.37	9/11/2017 12:15 AM	7.28	9/12/2017 12:15 AM	7.34
9/10/2017 12:30 AM	7.36	9/11/2017 12:30 AM	7.33	9/12/2017 12:30 AM	7.34
9/10/2017 12:45 AM	7.36	9/11/2017 12:45 AM	7.45	9/12/2017 12:45 AM	7.33
9/10/2017 1:00 AM	7.36	9/11/2017 1:00 AM	7.47	9/12/2017 1:00 AM	7.33
9/10/2017 1:15 AM	7.35	9/11/2017 1:15 AM	7.46	9/12/2017 1:15 AM	7.33
9/10/2017 1:30 AM	7.35	9/11/2017 1:30 AM	7.45	9/12/2017 1:30 AM	7.33
9/10/2017 1:45 AM	7.35	9/11/2017 1:45 AM	7.43	9/12/2017 1:45 AM	7.33
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9/10/2017 1:45 PM	7.37	9/11/2017 1:45 PM	7.41	9/12/2017 1:45 PM	7.19
9/10/2017 2:00 PM	7.30	9/11/2017 2:00 PM	7.39	9/12/2017 2:00 PM	7.38
9/10/2017 2:15 PM	7.28	9/11/2017 2:15 PM	7.38	9/12/2017 2:15 PM	7.44
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9/10/2017 4:30 PM	7.49	9/11/2017 4:30 PM	7.34	9/12/2017 4:30 PM	7.37
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9/10/2017 6:45 PM	7.43	9/11/2017 6:45 PM	7.43	9/12/2017 6:45 PM	7.38
9/10/2017 7:00 PM	7.41	9/11/2017 7:00 PM	7.44	9/12/2017 7:00 PM	7.36

9/10/2017 7:15 PM	7.39	9/11/2017 7:15 PM	7.44	9/12/2017 7:15 PM	7.35
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9/10/2017 11:30 PM	7.28	9/11/2017 11:30 PM	7.35	9/12/2017 11:30 PM	7.46
9/10/2017 11:45 PM	7.28	9/11/2017 11:45 PM	7.34	9/12/2017 11:45 PM	7.47
AVG	7.36	AVG	7.39	AVG	7.36

Date And Time	pH	Date And Time	pH	Date And Time	pH
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9/13/2017 12:30 AM	7.45	9/14/2017 12:30 AM	7.32	9/15/2017 12:30 AM	7.48
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9/13/2017 1:15 AM	7.43	9/14/2017 1:15 AM	7.47	9/15/2017 1:15 AM	7.47
9/13/2017 1:30 AM	7.42	9/14/2017 1:30 AM	7.36	9/15/2017 1:30 AM	7.47
9/13/2017 1:45 AM	7.42	9/14/2017 1:45 AM	7.34	9/15/2017 1:45 AM	7.46
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9/13/2017 2:30 AM	7.40	9/14/2017 2:30 AM	7.52	9/15/2017 2:30 AM	7.46
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9/13/2017 7:30 AM	7.31	9/14/2017 7:30 AM	7.42	9/15/2017 7:30 AM	7.36
9/13/2017 7:45 AM	7.30	9/14/2017 7:45 AM	7.35	9/15/2017 7:45 AM	7.45
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9/13/2017 12:45 PM	7.47	9/14/2017 12:45 PM	7.30	9/15/2017 12:45 PM	7.58
9/13/2017 1:00 PM	7.45	9/14/2017 1:00 PM	7.32	9/15/2017 1:00 PM	7.58
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9/13/2017 3:30 PM	7.35	9/14/2017 3:30 PM	7.35	9/15/2017 3:30 PM	7.48
9/13/2017 3:45 PM	7.34	9/14/2017 3:45 PM	7.33	9/15/2017 3:45 PM	7.47
9/13/2017 4:00 PM	7.35	9/14/2017 4:00 PM	7.52	9/15/2017 4:00 PM	7.45
9/13/2017 4:15 PM	7.49	9/14/2017 4:15 PM	7.43	9/15/2017 4:15 PM	7.44
9/13/2017 4:30 PM	7.37	9/14/2017 4:30 PM	7.38	9/15/2017 4:30 PM	7.43
9/13/2017 4:45 PM	7.27	9/14/2017 4:45 PM	7.37	9/15/2017 4:45 PM	7.42
9/13/2017 5:00 PM	7.46	9/14/2017 5:00 PM	7.37	9/15/2017 5:00 PM	7.44
9/13/2017 5:15 PM	7.52	9/14/2017 5:15 PM	7.37	9/15/2017 5:15 PM	7.48
9/13/2017 5:30 PM	7.52	9/14/2017 5:30 PM	7.37	9/15/2017 5:30 PM	7.46
9/13/2017 5:45 PM	7.52	9/14/2017 5:45 PM	7.37	9/15/2017 5:45 PM	7.45
9/13/2017 6:00 PM	7.53	9/14/2017 6:00 PM	7.38	9/15/2017 6:00 PM	7.46
9/13/2017 6:15 PM	7.52	9/14/2017 6:15 PM	7.53	9/15/2017 6:15 PM	7.46
9/13/2017 6:30 PM	7.50	9/14/2017 6:30 PM	7.50	9/15/2017 6:30 PM	7.43
9/13/2017 6:45 PM	7.49	9/14/2017 6:45 PM	7.42	9/15/2017 6:45 PM	7.42
9/13/2017 7:00 PM	7.46	9/14/2017 7:00 PM	7.40	9/15/2017 7:00 PM	7.41

9/13/2017 7:15 PM	7.44	9/14/2017 7:15 PM	7.40	9/15/2017 7:15 PM	7.40
9/13/2017 7:30 PM	7.43	9/14/2017 7:30 PM	7.39	9/15/2017 7:30 PM	7.54
9/13/2017 7:45 PM	7.41	9/14/2017 7:45 PM	7.39	9/15/2017 7:45 PM	7.51
9/13/2017 8:00 PM	7.40	9/14/2017 8:00 PM	7.58	9/15/2017 8:00 PM	7.46
9/13/2017 8:15 PM	7.39	9/14/2017 8:15 PM	7.61	9/15/2017 8:15 PM	7.43
9/13/2017 8:30 PM	7.39	9/14/2017 8:30 PM	7.60	9/15/2017 8:30 PM	7.40
9/13/2017 8:45 PM	7.39	9/14/2017 8:45 PM	7.59	9/15/2017 8:45 PM	7.50
9/13/2017 9:00 PM	7.39	9/14/2017 9:00 PM	7.57	9/15/2017 9:00 PM	7.52
9/13/2017 9:15 PM	7.39	9/14/2017 9:15 PM	7.56	9/15/2017 9:15 PM	7.52
9/13/2017 9:30 PM	7.39	9/14/2017 9:30 PM	7.55	9/15/2017 9:30 PM	7.52
9/13/2017 9:45 PM	7.39	9/14/2017 9:45 PM	7.54	9/15/2017 9:45 PM	7.51
9/13/2017 10:00 PM	7.38	9/14/2017 10:00 PM	7.53	9/15/2017 10:00 PM	7.50
9/13/2017 10:15 PM	7.38	9/14/2017 10:15 PM	7.53	9/15/2017 10:15 PM	7.50
9/13/2017 10:30 PM	7.38	9/14/2017 10:30 PM	7.52	9/15/2017 10:30 PM	7.49
9/13/2017 10:45 PM	7.38	9/14/2017 10:45 PM	7.51	9/15/2017 10:45 PM	7.49
9/13/2017 11:00 PM	7.42	9/14/2017 11:00 PM	7.51	9/15/2017 11:00 PM	7.48
9/13/2017 11:15 PM	7.39	9/14/2017 11:15 PM	7.50	9/15/2017 11:15 PM	7.48
9/13/2017 11:30 PM	7.37	9/14/2017 11:30 PM	7.50	9/15/2017 11:30 PM	7.47
9/13/2017 11:45 PM	7.35	9/14/2017 11:45 PM	7.50	9/15/2017 11:45 PM	7.47
AVG	7.41	AVG	7.42	AVG	7.47

Date And Time	pH	Date And Time	pH	Date And Time	pH
9/16/2017 12:00 AM	7.43	9/17/2017 12:00 AM	7.52	9/18/2017 12:00 AM	7.43
9/16/2017 12:15 AM	7.40	9/17/2017 12:15 AM	7.52	9/18/2017 12:15 AM	7.42
9/16/2017 12:30 AM	7.39	9/17/2017 12:30 AM	7.52	9/18/2017 12:30 AM	7.42
9/16/2017 12:45 AM	7.38	9/17/2017 12:45 AM	7.51	9/18/2017 12:45 AM	7.42
9/16/2017 1:00 AM	7.38	9/17/2017 1:00 AM	7.50	9/18/2017 1:00 AM	7.41
9/16/2017 1:15 AM	7.38	9/17/2017 1:15 AM	7.49	9/18/2017 1:15 AM	7.45
9/16/2017 1:30 AM	7.52	9/17/2017 1:30 AM	7.48	9/18/2017 1:30 AM	7.41
9/16/2017 1:45 AM	7.55	9/17/2017 1:45 AM	7.48	9/18/2017 1:45 AM	7.39
9/16/2017 2:00 AM	7.55	9/17/2017 2:00 AM	7.47	9/18/2017 2:00 AM	7.38
9/16/2017 2:15 AM	7.53	9/17/2017 2:15 AM	7.47	9/18/2017 2:15 AM	7.37
9/16/2017 2:30 AM	7.52	9/17/2017 2:30 AM	7.46	9/18/2017 2:30 AM	7.36
9/16/2017 2:45 AM	7.51	9/17/2017 2:45 AM	7.50	9/18/2017 2:45 AM	7.39
9/16/2017 3:00 AM	7.50	9/17/2017 3:00 AM	7.40	9/18/2017 3:00 AM	7.50
9/16/2017 3:15 AM	7.49	9/17/2017 3:15 AM	7.38	9/18/2017 3:15 AM	7.52
9/16/2017 3:30 AM	7.49	9/17/2017 3:30 AM	7.37	9/18/2017 3:30 AM	7.52
9/16/2017 3:45 AM	7.48	9/17/2017 3:45 AM	7.36	9/18/2017 3:45 AM	7.51
9/16/2017 4:00 AM	7.48	9/17/2017 4:00 AM	7.36	9/18/2017 4:00 AM	7.50
9/16/2017 4:15 AM	7.47	9/17/2017 4:15 AM	7.33	9/18/2017 4:15 AM	7.49
9/16/2017 4:30 AM	7.40	9/17/2017 4:30 AM	7.50	9/18/2017 4:30 AM	7.48
9/16/2017 4:45 AM	7.38	9/17/2017 4:45 AM	7.53	9/18/2017 4:45 AM	7.47
9/16/2017 5:00 AM	7.37	9/17/2017 5:00 AM	7.54	9/18/2017 5:00 AM	7.47
9/16/2017 5:15 AM	7.37	9/17/2017 5:15 AM	7.53	9/18/2017 5:15 AM	7.46
9/16/2017 5:30 AM	7.36	9/17/2017 5:30 AM	7.51	9/18/2017 5:30 AM	7.46
9/16/2017 5:45 AM	7.44	9/17/2017 5:45 AM	7.50	9/18/2017 5:45 AM	7.45
9/16/2017 6:00 AM	7.55	9/17/2017 6:00 AM	7.49	9/18/2017 6:00 AM	7.39
9/16/2017 6:15 AM	7.56	9/17/2017 6:15 AM	7.48	9/18/2017 6:15 AM	7.37
9/16/2017 6:30 AM	7.55	9/17/2017 6:30 AM	7.48	9/18/2017 6:30 AM	7.36
9/16/2017 6:45 AM	7.53	9/17/2017 6:45 AM	7.47	9/18/2017 6:45 AM	7.36
9/16/2017 7:00 AM	7.52	9/17/2017 7:00 AM	7.47	9/18/2017 7:00 AM	7.35
9/16/2017 7:15 AM	7.51	9/17/2017 7:15 AM	7.46	9/18/2017 7:15 AM	7.35
9/16/2017 7:30 AM	7.50	9/17/2017 7:30 AM	7.39	9/18/2017 7:30 AM	7.35
9/16/2017 7:45 AM	7.49	9/17/2017 7:45 AM	7.37	9/18/2017 7:45 AM	7.48
9/16/2017 8:00 AM	7.48	9/17/2017 8:00 AM	7.36	9/18/2017 8:00 AM	7.54
9/16/2017 8:15 AM	7.48	9/17/2017 8:15 AM	7.35	9/18/2017 8:15 AM	7.41
9/16/2017 8:30 AM	7.47	9/17/2017 8:30 AM	7.35	9/18/2017 8:30 AM	7.38
9/16/2017 8:45 AM	7.46	9/17/2017 8:45 AM	7.35	9/18/2017 8:45 AM	7.37
9/16/2017 9:00 AM	7.37	9/17/2017 9:00 AM	7.51	9/18/2017 9:00 AM	7.40
9/16/2017 9:15 AM	7.34	9/17/2017 9:15 AM	7.54	9/18/2017 9:15 AM	7.54
9/16/2017 9:30 AM	7.33	9/17/2017 9:30 AM	7.53	9/18/2017 9:30 AM	7.56
9/16/2017 9:45 AM	7.31	9/17/2017 9:45 AM	7.52	9/18/2017 9:45 AM	7.55
9/16/2017 10:00 AM	7.30	9/17/2017 10:00 AM	7.52	9/18/2017 10:00 AM	7.54
9/16/2017 10:15 AM	7.30	9/17/2017 10:15 AM	7.51	9/18/2017 10:15 AM	7.53
9/16/2017 10:30 AM	7.23	9/17/2017 10:30 AM	7.53	9/18/2017 10:30 AM	7.42
9/16/2017 10:45 AM	7.47	9/17/2017 10:45 AM	7.53	9/18/2017 10:45 AM	7.39
9/16/2017 11:00 AM	7.53	9/17/2017 11:00 AM	7.53	9/18/2017 11:00 AM	7.37
9/16/2017 11:15 AM	7.55	9/17/2017 11:15 AM	7.52	9/18/2017 11:15 AM	7.37
9/16/2017 11:30 AM	7.56	9/17/2017 11:30 AM	7.52	9/18/2017 11:30 AM	7.36
9/16/2017 11:45 AM	7.56	9/17/2017 11:45 AM	7.53	9/18/2017 11:45 AM	7.43
9/16/2017 12:00 PM	7.56	9/17/2017 12:00 PM	7.50	9/18/2017 12:00 PM	7.56
9/16/2017 12:15 PM	7.55	9/17/2017 12:15 PM	7.49	9/18/2017 12:15 PM	7.57
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9/16/2017 1:30 PM	7.55	9/17/2017 1:30 PM	7.44	9/18/2017 1:30 PM	7.55
9/16/2017 1:45 PM	7.50	9/17/2017 1:45 PM	7.41	9/18/2017 1:45 PM	7.54
9/16/2017 2:00 PM	7.46	9/17/2017 2:00 PM	7.36	9/18/2017 2:00 PM	7.53
9/16/2017 2:15 PM	7.43	9/17/2017 2:15 PM	7.32	9/18/2017 2:15 PM	7.52
9/16/2017 2:30 PM	7.39	9/17/2017 2:30 PM	7.26	9/18/2017 2:30 PM	7.50
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9/16/2017 3:15 PM	7.55	9/17/2017 3:15 PM	7.54	9/18/2017 3:15 PM	7.43
9/16/2017 3:30 PM	7.56	9/17/2017 3:30 PM	7.54	9/18/2017 3:30 PM	7.43
9/16/2017 3:45 PM	7.56	9/17/2017 3:45 PM	7.54	9/18/2017 3:45 PM	7.42
9/16/2017 4:00 PM	7.54	9/17/2017 4:00 PM	7.53	9/18/2017 4:00 PM	7.41
9/16/2017 4:15 PM	7.53	9/17/2017 4:15 PM	7.52	9/18/2017 4:15 PM	7.40
9/16/2017 4:30 PM	7.52	9/17/2017 4:30 PM	7.47	9/18/2017 4:30 PM	7.40
9/16/2017 4:45 PM	7.51	9/17/2017 4:45 PM	7.46	9/18/2017 4:45 PM	7.40
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9/16/2017 5:15 PM	7.54	9/17/2017 5:15 PM	7.41	9/18/2017 5:15 PM	7.41
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9/16/2017 6:00 PM	7.54	9/17/2017 6:00 PM	7.50	9/18/2017 6:00 PM	7.40
9/16/2017 6:15 PM	7.51	9/17/2017 6:15 PM	7.53	9/18/2017 6:15 PM	7.40
9/16/2017 6:30 PM	7.46	9/17/2017 6:30 PM	7.53	9/18/2017 6:30 PM	7.39
9/16/2017 6:45 PM	7.43	9/17/2017 6:45 PM	7.52	9/18/2017 6:45 PM	7.38
9/16/2017 7:00 PM	7.50	9/17/2017 7:00 PM	7.51	9/18/2017 7:00 PM	7.38

9/16/2017 7:15 PM	7.51	9/17/2017 7:15 PM	7.50	9/18/2017 7:15 PM	7.38
9/16/2017 7:30 PM	7.51	9/17/2017 7:30 PM	7.50	9/18/2017 7:30 PM	7.51
9/16/2017 7:45 PM	7.51	9/17/2017 7:45 PM	7.50	9/18/2017 7:45 PM	7.49
9/16/2017 8:00 PM	7.50	9/17/2017 8:00 PM	7.50	9/18/2017 8:00 PM	7.44
9/16/2017 8:15 PM	7.49	9/17/2017 8:15 PM	7.49	9/18/2017 8:15 PM	7.42
9/16/2017 8:30 PM	7.49	9/17/2017 8:30 PM	7.49	9/18/2017 8:30 PM	7.40
9/16/2017 8:45 PM	7.48	9/17/2017 8:45 PM	7.48	9/18/2017 8:45 PM	7.41
9/16/2017 9:00 PM	7.47	9/17/2017 9:00 PM	7.47	9/18/2017 9:00 PM	7.49
9/16/2017 9:15 PM	7.47	9/17/2017 9:15 PM	7.47	9/18/2017 9:15 PM	7.51
9/16/2017 9:30 PM	7.47	9/17/2017 9:30 PM	7.46	9/18/2017 9:30 PM	7.51
9/16/2017 9:45 PM	7.46	9/17/2017 9:45 PM	7.46	9/18/2017 9:45 PM	7.51
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9/16/2017 10:30 PM	7.42	9/17/2017 10:30 PM	7.45	9/18/2017 10:30 PM	7.49
9/16/2017 10:45 PM	7.41	9/17/2017 10:45 PM	7.44	9/18/2017 10:45 PM	7.49
9/16/2017 11:00 PM	7.40	9/17/2017 11:00 PM	7.44	9/18/2017 11:00 PM	7.49
9/16/2017 11:15 PM	7.39	9/17/2017 11:15 PM	7.44	9/18/2017 11:15 PM	7.48
9/16/2017 11:30 PM	7.37	9/17/2017 11:30 PM	7.43	9/18/2017 11:30 PM	7.48
9/16/2017 11:45 PM	7.50	9/17/2017 11:45 PM	7.43	9/18/2017 11:45 PM	7.47
AVG	7.47	AVG	7.47	AVG	7.45

Date And Time	pH	Date And Time	pH	Date And Time	pH
9/19/2017 12:00 AM	7.42	9/20/2017 12:00 AM	7.53	9/21/2017 12:00 AM	7.51
9/19/2017 12:15 AM	7.40	9/20/2017 12:15 AM	7.54	9/21/2017 12:15 AM	7.51
9/19/2017 12:30 AM	7.39	9/20/2017 12:30 AM	7.53	9/21/2017 12:30 AM	7.50
9/19/2017 12:45 AM	7.38	9/20/2017 12:45 AM	7.52	9/21/2017 12:45 AM	7.49
9/19/2017 1:00 AM	7.44	9/20/2017 1:00 AM	7.51	9/21/2017 1:00 AM	7.49
9/19/2017 1:15 AM	7.52	9/20/2017 1:15 AM	7.50	9/21/2017 1:15 AM	7.52
9/19/2017 1:30 AM	7.53	9/20/2017 1:30 AM	7.50	9/21/2017 1:30 AM	7.43
9/19/2017 1:45 AM	7.53	9/20/2017 1:45 AM	7.49	9/21/2017 1:45 AM	7.41
9/19/2017 2:00 AM	7.52	9/20/2017 2:00 AM	7.48	9/21/2017 2:00 AM	7.40
9/19/2017 2:15 AM	7.51	9/20/2017 2:15 AM	7.48	9/21/2017 2:15 AM	7.40
9/19/2017 2:30 AM	7.49	9/20/2017 2:30 AM	7.47	9/21/2017 2:30 AM	7.40
9/19/2017 2:45 AM	7.42	9/20/2017 2:45 AM	7.47	9/21/2017 2:45 AM	7.37
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9/19/2017 3:15 AM	7.49	9/20/2017 3:15 AM	7.40	9/21/2017 3:15 AM	7.55
9/19/2017 3:30 AM	7.54	9/20/2017 3:30 AM	7.38	9/21/2017 3:30 AM	7.55
9/19/2017 3:45 AM	7.54	9/20/2017 3:45 AM	7.38	9/21/2017 3:45 AM	7.54
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9/19/2017 4:15 AM	7.53	9/20/2017 4:15 AM	7.43	9/21/2017 4:15 AM	7.52
9/19/2017 4:30 AM	7.43	9/20/2017 4:30 AM	7.54	9/21/2017 4:30 AM	7.51
9/19/2017 4:45 AM	7.41	9/20/2017 4:45 AM	7.55	9/21/2017 4:45 AM	7.50
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9/19/2017 5:15 AM	7.39	9/20/2017 5:15 AM	7.53	9/21/2017 5:15 AM	7.49
9/19/2017 5:30 AM	7.39	9/20/2017 5:30 AM	7.52	9/21/2017 5:30 AM	7.49
9/19/2017 5:45 AM	7.40	9/20/2017 5:45 AM	7.51	9/21/2017 5:45 AM	7.48
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9/19/2017 6:15 AM	7.57	9/20/2017 6:15 AM	7.49	9/21/2017 6:15 AM	7.41
9/19/2017 6:30 AM	7.57	9/20/2017 6:30 AM	7.48	9/21/2017 6:30 AM	7.40
9/19/2017 6:45 AM	7.55	9/20/2017 6:45 AM	7.48	9/21/2017 6:45 AM	7.39
9/19/2017 7:00 AM	7.54	9/20/2017 7:00 AM	7.47	9/21/2017 7:00 AM	7.34
9/19/2017 7:15 AM	7.53	9/20/2017 7:15 AM	7.47	9/21/2017 7:15 AM	7.51
9/19/2017 7:30 AM	7.52	9/20/2017 7:30 AM	7.41	9/21/2017 7:30 AM	7.55
9/19/2017 7:45 AM	7.52	9/20/2017 7:45 AM	7.38	9/21/2017 7:45 AM	7.55
9/19/2017 8:00 AM	7.51	9/20/2017 8:00 AM	7.37	9/21/2017 8:00 AM	7.54
9/19/2017 8:15 AM	7.51	9/20/2017 8:15 AM	7.36	9/21/2017 8:15 AM	7.52
9/19/2017 8:30 AM	7.50	9/20/2017 8:30 AM	7.36	9/21/2017 8:30 AM	7.51
9/19/2017 8:45 AM	7.50	9/20/2017 8:45 AM	7.37	9/21/2017 8:45 AM	7.50
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9/19/2017 9:15 AM	7.49	9/20/2017 9:15 AM	7.52	9/21/2017 9:15 AM	7.49
9/19/2017 9:30 AM	7.49	9/20/2017 9:30 AM	7.52	9/21/2017 9:30 AM	7.49
9/19/2017 9:45 AM	7.49	9/20/2017 9:45 AM	7.51	9/21/2017 9:45 AM	7.50
9/19/2017 10:00 AM	7.48	9/20/2017 10:00 AM	7.50	9/21/2017 10:00 AM	7.51
9/19/2017 10:15 AM	7.48	9/20/2017 10:15 AM	7.52	9/21/2017 10:15 AM	7.52
9/19/2017 10:30 AM	7.48	9/20/2017 10:30 AM	7.53	9/21/2017 10:30 AM	7.40
9/19/2017 10:45 AM	7.49	9/20/2017 10:45 AM	7.52	9/21/2017 10:45 AM	7.37
9/19/2017 11:00 AM	7.50	9/20/2017 11:00 AM	7.52	9/21/2017 11:00 AM	7.35
9/19/2017 11:15 AM	7.51	9/20/2017 11:15 AM	7.52	9/21/2017 11:15 AM	7.33
9/19/2017 11:30 AM	7.52	9/20/2017 11:30 AM	7.52	9/21/2017 11:30 AM	7.27
9/19/2017 11:45 AM	7.53	9/20/2017 11:45 AM	7.52	9/21/2017 11:45 AM	7.47
9/19/2017 12:00 PM	7.53	9/20/2017 12:00 PM	7.48	9/21/2017 12:00 PM	7.54
9/19/2017 12:15 PM	7.54	9/20/2017 12:15 PM	7.47	9/21/2017 12:15 PM	7.56
9/19/2017 12:30 PM	7.55	9/20/2017 12:30 PM	7.41	9/21/2017 12:30 PM	7.56
9/19/2017 12:45 PM	7.55	9/20/2017 12:45 PM	7.38	9/21/2017 12:45 PM	7.54
9/19/2017 1:00 PM	7.55	9/20/2017 1:00 PM	7.32	9/21/2017 1:00 PM	7.53
9/19/2017 1:15 PM	7.54	9/20/2017 1:15 PM	7.47	9/21/2017 1:15 PM	7.53
9/19/2017 1:30 PM	7.52	9/20/2017 1:30 PM	7.52	9/21/2017 1:30 PM	7.52
9/19/2017 1:45 PM	7.50	9/20/2017 1:45 PM	7.53	9/21/2017 1:45 PM	7.50

9/19/2017 2:00 PM	7.45	9/20/2017 2:00 PM	7.53	9/21/2017 2:00 PM	7.48
9/19/2017 2:15 PM	7.41	9/20/2017 2:15 PM	7.53	9/21/2017 2:15 PM	7.47
9/19/2017 2:30 PM	7.32	9/20/2017 2:30 PM	7.52	9/21/2017 2:30 PM	7.48
9/19/2017 2:45 PM	7.48	9/20/2017 2:45 PM	7.51	9/21/2017 2:45 PM	7.47
9/19/2017 3:00 PM	7.54	9/20/2017 3:00 PM	7.50	9/21/2017 3:00 PM	7.47
9/19/2017 3:15 PM	7.56	9/20/2017 3:15 PM	7.47	9/21/2017 3:15 PM	7.44
9/19/2017 3:30 PM	7.57	9/20/2017 3:30 PM	7.45	9/21/2017 3:30 PM	7.43
9/19/2017 3:45 PM	7.56	9/20/2017 3:45 PM	7.44	9/21/2017 3:45 PM	7.41
9/19/2017 4:00 PM	7.55	9/20/2017 4:00 PM	7.43	9/21/2017 4:00 PM	7.40
9/19/2017 4:15 PM	7.53	9/20/2017 4:15 PM	7.42	9/21/2017 4:15 PM	7.39
9/19/2017 4:30 PM	7.51	9/20/2017 4:30 PM	7.59	9/21/2017 4:30 PM	7.61
9/19/2017 4:45 PM	7.50	9/20/2017 4:45 PM	7.54	9/21/2017 4:45 PM	7.55
9/19/2017 5:00 PM	7.52	9/20/2017 5:00 PM	7.48	9/21/2017 5:00 PM	7.50
9/19/2017 5:15 PM	7.52	9/20/2017 5:15 PM	7.45	9/21/2017 5:15 PM	7.47
9/19/2017 5:30 PM	7.51	9/20/2017 5:30 PM	7.44	9/21/2017 5:30 PM	7.45
9/19/2017 5:45 PM	7.53	9/20/2017 5:45 PM	7.50	9/21/2017 5:45 PM	7.45
9/19/2017 6:00 PM	7.49	9/20/2017 6:00 PM	7.52	9/21/2017 6:00 PM	7.43
9/19/2017 6:15 PM	7.48	9/20/2017 6:15 PM	7.54	9/21/2017 6:15 PM	7.53
9/19/2017 6:30 PM	7.45	9/20/2017 6:30 PM	7.54	9/21/2017 6:30 PM	7.56
9/19/2017 6:45 PM	7.42	9/20/2017 6:45 PM	7.54	9/21/2017 6:45 PM	7.56
9/19/2017 7:00 PM	7.49	9/20/2017 7:00 PM	7.53	9/21/2017 7:00 PM	7.57
9/19/2017 7:15 PM	7.51	9/20/2017 7:15 PM	7.51	9/21/2017 7:15 PM	7.56
9/19/2017 7:30 PM	7.51	9/20/2017 7:30 PM	7.50	9/21/2017 7:30 PM	7.49
9/19/2017 7:45 PM	7.51	9/20/2017 7:45 PM	7.49	9/21/2017 7:45 PM	7.47
9/19/2017 8:00 PM	7.50	9/20/2017 8:00 PM	7.48	9/21/2017 8:00 PM	7.46
9/19/2017 8:15 PM	7.50	9/20/2017 8:15 PM	7.47	9/21/2017 8:15 PM	7.46
9/19/2017 8:30 PM	7.49	9/20/2017 8:30 PM	7.46	9/21/2017 8:30 PM	7.45
9/19/2017 8:45 PM	7.49	9/20/2017 8:45 PM	7.50	9/21/2017 8:45 PM	7.56
9/19/2017 9:00 PM	7.48	9/20/2017 9:00 PM	7.47	9/21/2017 9:00 PM	7.58
9/19/2017 9:15 PM	7.48	9/20/2017 9:15 PM	7.45	9/21/2017 9:15 PM	7.58
9/19/2017 9:30 PM	7.48	9/20/2017 9:30 PM	7.43	9/21/2017 9:30 PM	7.58
9/19/2017 9:45 PM	7.47	9/20/2017 9:45 PM	7.42	9/21/2017 9:45 PM	7.57
9/19/2017 10:00 PM	7.47	9/20/2017 10:00 PM	7.41	9/21/2017 10:00 PM	7.56
9/19/2017 10:15 PM	7.50	9/20/2017 10:15 PM	7.41	9/21/2017 10:15 PM	7.55
9/19/2017 10:30 PM	7.43	9/20/2017 10:30 PM	7.44	9/21/2017 10:30 PM	7.55
9/19/2017 10:45 PM	7.42	9/20/2017 10:45 PM	7.52	9/21/2017 10:45 PM	7.54
9/19/2017 11:00 PM	7.40	9/20/2017 11:00 PM	7.54	9/21/2017 11:00 PM	7.53
9/19/2017 11:15 PM	7.39	9/20/2017 11:15 PM	7.54	9/21/2017 11:15 PM	7.53
9/19/2017 11:30 PM	7.39	9/20/2017 11:30 PM	7.53	9/21/2017 11:30 PM	7.53
9/19/2017 11:45 PM	7.44	9/20/2017 11:45 PM	7.52	9/21/2017 11:45 PM	7.52
AVG	7.49	AVG	7.48	AVG	7.49

Date And Time	pH	Date And Time	pH	Date And Time	pH
9/22/2017 12:00 AM	7.52	9/23/2017 12:00 AM	7.41	9/24/2017 12:00 AM	7.49
9/22/2017 12:15 AM	7.51	9/23/2017 12:15 AM	7.49	9/24/2017 12:15 AM	7.41
9/22/2017 12:30 AM	7.51	9/23/2017 12:30 AM	7.53	9/24/2017 12:30 AM	7.60
9/22/2017 12:45 AM	7.51	9/23/2017 12:45 AM	7.54	9/24/2017 12:45 AM	7.65
9/22/2017 1:00 AM	7.50	9/23/2017 1:00 AM	7.54	9/24/2017 1:00 AM	7.65
9/22/2017 1:15 AM	7.50	9/23/2017 1:15 AM	7.54	9/24/2017 1:15 AM	7.63
9/22/2017 1:30 AM	7.50	9/23/2017 1:30 AM	7.53	9/24/2017 1:30 AM	7.53
9/22/2017 1:45 AM	7.49	9/23/2017 1:45 AM	7.53	9/24/2017 1:45 AM	7.51
9/22/2017 2:00 AM	7.49	9/23/2017 2:00 AM	7.53	9/24/2017 2:00 AM	7.50
9/22/2017 2:15 AM	7.49	9/23/2017 2:15 AM	7.52	9/24/2017 2:15 AM	7.50
9/22/2017 2:30 AM	7.49	9/23/2017 2:30 AM	7.52	9/24/2017 2:30 AM	7.50
9/22/2017 2:45 AM	7.48	9/23/2017 2:45 AM	7.52	9/24/2017 2:45 AM	7.49
9/22/2017 3:00 AM	7.48	9/23/2017 3:00 AM	7.52	9/24/2017 3:00 AM	7.63
9/22/2017 3:15 AM	7.47	9/23/2017 3:15 AM	7.51	9/24/2017 3:15 AM	7.66
9/22/2017 3:30 AM	7.47	9/23/2017 3:30 AM	7.51	9/24/2017 3:30 AM	7.66
9/22/2017 3:45 AM	7.47	9/23/2017 3:45 AM	7.51	9/24/2017 3:45 AM	7.64
9/22/2017 4:00 AM	7.47	9/23/2017 4:00 AM	7.51	9/24/2017 4:00 AM	7.63
9/22/2017 4:15 AM	7.52	9/23/2017 4:15 AM	7.51	9/24/2017 4:15 AM	7.62
9/22/2017 4:30 AM	7.46	9/23/2017 4:30 AM	7.51	9/24/2017 4:30 AM	7.61
9/22/2017 4:45 AM	7.44	9/23/2017 4:45 AM	7.50	9/24/2017 4:45 AM	7.60
9/22/2017 5:00 AM	7.43	9/23/2017 5:00 AM	7.50	9/24/2017 5:00 AM	7.60
9/22/2017 5:15 AM	7.42	9/23/2017 5:15 AM	7.50	9/24/2017 5:15 AM	7.59
9/22/2017 5:30 AM	7.42	9/23/2017 5:30 AM	7.50	9/24/2017 5:30 AM	7.58
9/22/2017 5:45 AM	7.42	9/23/2017 5:45 AM	7.50	9/24/2017 5:45 AM	7.58
9/22/2017 6:00 AM	7.50	9/23/2017 6:00 AM	7.50	9/24/2017 6:00 AM	7.57
9/22/2017 6:15 AM	7.58	9/23/2017 6:15 AM	7.50	9/24/2017 6:15 AM	7.57
9/22/2017 6:30 AM	7.58	9/23/2017 6:30 AM	7.50	9/24/2017 6:30 AM	7.57
9/22/2017 6:45 AM	7.58	9/23/2017 6:45 AM	7.50	9/24/2017 6:45 AM	7.56
9/22/2017 7:00 AM	7.56	9/23/2017 7:00 AM	7.49	9/24/2017 7:00 AM	7.56
9/22/2017 7:15 AM	7.55	9/23/2017 7:15 AM	7.49	9/24/2017 7:15 AM	7.56
9/22/2017 7:30 AM	7.54	9/23/2017 7:30 AM	7.50	9/24/2017 7:30 AM	7.55
9/22/2017 7:45 AM	7.54	9/23/2017 7:45 AM	7.48	9/24/2017 7:45 AM	7.55
9/22/2017 8:00 AM	7.53	9/23/2017 8:00 AM	7.47	9/24/2017 8:00 AM	7.55
9/22/2017 8:15 AM	7.53	9/23/2017 8:15 AM	7.46	9/24/2017 8:15 AM	7.54
9/22/2017 8:30 AM	7.52	9/23/2017 8:30 AM	7.45	9/24/2017 8:30 AM	7.54
9/22/2017 8:45 AM	7.52	9/23/2017 8:45 AM	7.48	9/24/2017 8:45 AM	7.53
9/22/2017 9:00 AM	7.45	9/23/2017 9:00 AM	7.57	9/24/2017 9:00 AM	7.53
9/22/2017 9:15 AM	7.42	9/23/2017 9:15 AM	7.58	9/24/2017 9:15 AM	7.52
9/22/2017 9:30 AM	7.40	9/23/2017 9:30 AM	7.58	9/24/2017 9:30 AM	7.53
9/22/2017 9:45 AM	7.39	9/23/2017 9:45 AM	7.56	9/24/2017 9:45 AM	7.54
9/22/2017 10:00 AM	7.39	9/23/2017 10:00 AM	7.56	9/24/2017 10:00 AM	7.56
9/22/2017 10:15 AM	7.38	9/23/2017 10:15 AM	7.57	9/24/2017 10:15 AM	7.57
9/22/2017 10:30 AM	7.38	9/23/2017 10:30 AM	7.59	9/24/2017 10:30 AM	7.50
9/22/2017 10:45 AM	7.54	9/23/2017 10:45 AM	7.59	9/24/2017 10:45 AM	7.46
9/22/2017 11:00 AM	7.58	9/23/2017 11:00 AM	7.60	9/24/2017 11:00 AM	7.44
9/22/2017 11:15 AM	7.59	9/23/2017 11:15 AM	7.60	9/24/2017 11:15 AM	7.43
9/22/2017 11:30 AM	7.59	9/23/2017 11:30 AM	7.60	9/24/2017 11:30 AM	7.43
9/22/2017 11:45 AM	7.60	9/23/2017 11:45 AM	7.61	9/24/2017 11:45 AM	7.60
9/22/2017 12:00 PM	7.58	9/23/2017 12:00 PM	7.55	9/24/2017 12:00 PM	7.65
9/22/2017 12:15 PM	7.57	9/23/2017 12:15 PM	7.54	9/24/2017 12:15 PM	7.65
9/22/2017 12:30 PM	7.56	9/23/2017 12:30 PM	7.50	9/24/2017 12:30 PM	7.64
9/22/2017 12:45 PM	7.56	9/23/2017 12:45 PM	7.40	9/24/2017 12:45 PM	7.64
9/22/2017 1:00 PM	7.54	9/23/2017 1:00 PM	7.54	9/24/2017 1:00 PM	7.63
9/22/2017 1:15 PM	7.59	9/23/2017 1:15 PM	7.60	9/24/2017 1:15 PM	7.62
9/22/2017 1:30 PM	7.58	9/23/2017 1:30 PM	7.62	9/24/2017 1:30 PM	7.62
9/22/2017 1:45 PM	7.54	9/23/2017 1:45 PM	7.62	9/24/2017 1:45 PM	7.61
9/22/2017 2:00 PM	7.50	9/23/2017 2:00 PM	7.61	9/24/2017 2:00 PM	
9/22/2017 2:15 PM	7.45	9/23/2017 2:15 PM	7.60	9/24/2017 2:15 PM	
9/22/2017 2:30 PM	7.54	9/23/2017 2:30 PM	7.60	9/24/2017 2:30 PM	
9/22/2017 2:45 PM	7.58	9/23/2017 2:45 PM	7.58	9/24/2017 2:45 PM	
9/22/2017 3:00 PM	7.61	9/23/2017 3:00 PM	7.56	9/24/2017 3:00 PM	
9/22/2017 3:15 PM	7.60	9/23/2017 3:15 PM	7.53	9/24/2017 3:15 PM	
9/22/2017 3:30 PM	7.59	9/23/2017 3:30 PM	7.51	9/24/2017 3:30 PM	
9/22/2017 3:45 PM	7.58	9/23/2017 3:45 PM	7.49	9/24/2017 3:45 PM	
9/22/2017 4:00 PM	7.57	9/23/2017 4:00 PM	7.48	9/24/2017 4:00 PM	
9/22/2017 4:15 PM	7.56	9/23/2017 4:15 PM	7.47	9/24/2017 4:15 PM	
9/22/2017 4:30 PM	7.54	9/23/2017 4:30 PM	7.65	9/24/2017 4:30 PM	
9/22/2017 4:45 PM	7.53	9/23/2017 4:45 PM	7.60	9/24/2017 4:45 PM	
9/22/2017 5:00 PM	7.52	9/23/2017 5:00 PM	7.55	9/24/2017 5:00 PM	
9/22/2017 5:15 PM	7.51	9/23/2017 5:15 PM	7.52	9/24/2017 5:15 PM	
9/22/2017 5:30 PM	7.50	9/23/2017 5:30 PM	7.50	9/24/2017 5:30 PM	
9/22/2017 5:45 PM	7.50	9/23/2017 5:45 PM	7.45	9/24/2017 5:45 PM	
9/22/2017 6:00 PM	7.50	9/23/2017 6:00 PM	7.55	9/24/2017 6:00 PM	
9/22/2017 6:15 PM	7.49	9/23/2017 6:15 PM	7.59	9/24/2017 6:15 PM	
9/22/2017 6:30 PM	7.48	9/23/2017 6:30 PM	7.60	9/24/2017 6:30 PM	
9/22/2017 6:45 PM	7.48	9/23/2017 6:45 PM	7.61	9/24/2017 6:45 PM	
9/22/2017 7:00 PM	7.47	9/23/2017 7:00 PM	7.61	9/24/2017 7:00 PM	

9/22/2017 7:15 PM	7.46	9/23/2017 7:15 PM	7.60	9/24/2017 7:15 PM	
9/22/2017 7:30 PM	7.46	9/23/2017 7:30 PM	7.59	9/24/2017 7:30 PM	
9/22/2017 7:45 PM	7.45	9/23/2017 7:45 PM	7.57	9/24/2017 7:45 PM	
9/22/2017 8:00 PM	7.45	9/23/2017 8:00 PM	7.56	9/24/2017 8:00 PM	
9/22/2017 8:15 PM	7.44	9/23/2017 8:15 PM	7.55	9/24/2017 8:15 PM	
9/22/2017 8:30 PM	7.44	9/23/2017 8:30 PM	7.55	9/24/2017 8:30 PM	
9/22/2017 8:45 PM	7.44	9/23/2017 8:45 PM	7.57	9/24/2017 8:45 PM	
9/22/2017 9:00 PM	7.44	9/23/2017 9:00 PM	7.52	9/24/2017 9:00 PM	
9/22/2017 9:15 PM	7.44	9/23/2017 9:15 PM	7.51	9/24/2017 9:15 PM	
9/22/2017 9:30 PM	7.44	9/23/2017 9:30 PM	7.50	9/24/2017 9:30 PM	
9/22/2017 9:45 PM	7.44	9/23/2017 9:45 PM	7.49	9/24/2017 9:45 PM	
9/22/2017 10:00 PM	7.44	9/23/2017 10:00 PM	7.48	9/24/2017 10:00 PM	
9/22/2017 10:15 PM	7.44	9/23/2017 10:15 PM	7.48	9/24/2017 10:15 PM	
9/22/2017 10:30 PM	7.44	9/23/2017 10:30 PM	7.40	9/24/2017 10:30 PM	
9/22/2017 10:45 PM	7.43	9/23/2017 10:45 PM	7.56	9/24/2017 10:45 PM	
9/22/2017 11:00 PM	7.43	9/23/2017 11:00 PM	7.54	9/24/2017 11:00 PM	
9/22/2017 11:15 PM	7.43	9/23/2017 11:15 PM	7.50	9/24/2017 11:15 PM	
9/22/2017 11:30 PM	7.43	9/23/2017 11:30 PM	7.49	9/24/2017 11:30 PM	
9/22/2017 11:45 PM	7.56	9/23/2017 11:45 PM	7.49	9/24/2017 11:45 PM	
AVG	7.50	AVG	7.53	AVG	7.57

Note: Communications loss on 9/24/2017 from 2:00PM through 11:45PM data for this time is not included in the average.

Date And Time	pH	Date And Time	pH	Date And Time	pH
9/25/2017 12:00 AM		9/26/2017 12:00 AM	7.64	9/27/2017 12:00 AM	7.63
9/25/2017 12:15 AM		9/26/2017 12:15 AM	7.65	9/27/2017 12:15 AM	7.63
9/25/2017 12:30 AM		9/26/2017 12:30 AM	7.65	9/27/2017 12:30 AM	7.62
9/25/2017 12:45 AM		9/26/2017 12:45 AM	7.64	9/27/2017 12:45 AM	7.62
9/25/2017 1:00 AM		9/26/2017 1:00 AM	7.64	9/27/2017 1:00 AM	7.62
9/25/2017 1:15 AM		9/26/2017 1:15 AM	7.63	9/27/2017 1:15 AM	7.65
9/25/2017 1:30 AM		9/26/2017 1:30 AM	7.63	9/27/2017 1:30 AM	7.57
9/25/2017 1:45 AM		9/26/2017 1:45 AM	7.62	9/27/2017 1:45 AM	7.56
9/25/2017 2:00 AM		9/26/2017 2:00 AM	7.62	9/27/2017 2:00 AM	7.55
9/25/2017 2:15 AM		9/26/2017 2:15 AM	7.62	9/27/2017 2:15 AM	7.54
9/25/2017 2:30 AM		9/26/2017 2:30 AM	7.61	9/27/2017 2:30 AM	7.54
9/25/2017 2:45 AM		9/26/2017 2:45 AM	7.61	9/27/2017 2:45 AM	7.48
9/25/2017 3:00 AM		9/26/2017 3:00 AM	7.57	9/27/2017 3:00 AM	7.64
9/25/2017 3:15 AM		9/26/2017 3:15 AM	7.55	9/27/2017 3:15 AM	7.68
9/25/2017 3:30 AM		9/26/2017 3:30 AM	7.54	9/27/2017 3:30 AM	7.68
9/25/2017 3:45 AM		9/26/2017 3:45 AM	7.53	9/27/2017 3:45 AM	7.67
9/25/2017 4:00 AM		9/26/2017 4:00 AM	7.53	9/27/2017 4:00 AM	7.66
9/25/2017 4:15 AM		9/26/2017 4:15 AM	7.50	9/27/2017 4:15 AM	7.66
9/25/2017 4:30 AM		9/26/2017 4:30 AM	7.64	9/27/2017 4:30 AM	7.65
9/25/2017 4:45 AM		9/26/2017 4:45 AM	7.67	9/27/2017 4:45 AM	7.64
9/25/2017 5:00 AM		9/26/2017 5:00 AM	7.67	9/27/2017 5:00 AM	7.63
9/25/2017 5:15 AM		9/26/2017 5:15 AM	7.67	9/27/2017 5:15 AM	7.63
9/25/2017 5:30 AM		9/26/2017 5:30 AM	7.66	9/27/2017 5:30 AM	7.62
9/25/2017 5:45 AM		9/26/2017 5:45 AM	7.65	9/27/2017 5:45 AM	7.62
9/25/2017 6:00 AM		9/26/2017 6:00 AM	7.64	9/27/2017 6:00 AM	7.61
9/25/2017 6:15 AM		9/26/2017 6:15 AM	7.63	9/27/2017 6:15 AM	7.61
9/25/2017 6:30 AM		9/26/2017 6:30 AM	7.63	9/27/2017 6:30 AM	7.61
9/25/2017 6:45 AM		9/26/2017 6:45 AM	7.62	9/27/2017 6:45 AM	7.60
9/25/2017 7:00 AM		9/26/2017 7:00 AM	7.62	9/27/2017 7:00 AM	7.60
9/25/2017 7:15 AM		9/26/2017 7:15 AM	7.61	9/27/2017 7:15 AM	7.60
9/25/2017 7:30 AM	7.61	9/26/2017 7:30 AM	7.56	9/27/2017 7:30 AM	7.59
9/25/2017 7:45 AM	7.60	9/26/2017 7:45 AM	7.54	9/27/2017 7:45 AM	7.59
9/25/2017 8:00 AM	7.60	9/26/2017 8:00 AM	7.53	9/27/2017 8:00 AM	7.59
9/25/2017 8:15 AM	7.59	9/26/2017 8:15 AM	7.52	9/27/2017 8:15 AM	7.59
9/25/2017 8:30 AM	7.59	9/26/2017 8:30 AM	7.52	9/27/2017 8:30 AM	7.58
9/25/2017 8:45 AM	7.59	9/26/2017 8:45 AM	7.50	9/27/2017 8:45 AM	7.58
9/25/2017 9:00 AM	7.52	9/26/2017 9:00 AM	7.65	9/27/2017 9:00 AM	7.57
9/25/2017 9:15 AM	7.49	9/26/2017 9:15 AM	7.67	9/27/2017 9:15 AM	7.57
9/25/2017 9:30 AM	7.48	9/26/2017 9:30 AM	7.67	9/27/2017 9:30 AM	7.58
9/25/2017 9:45 AM	7.46	9/26/2017 9:45 AM	7.67	9/27/2017 9:45 AM	7.59
9/25/2017 10:00 AM	7.46	9/26/2017 10:00 AM	7.67	9/27/2017 10:00 AM	7.60
9/25/2017 10:15 AM	7.42	9/26/2017 10:15 AM	7.67	9/27/2017 10:15 AM	7.62
9/25/2017 10:30 AM	7.61	9/26/2017 10:30 AM	7.68	9/27/2017 10:30 AM	7.64
9/25/2017 10:45 AM	7.54	9/26/2017 10:45 AM	7.67	9/27/2017 10:45 AM	7.54
9/25/2017 11:00 AM	7.49	9/26/2017 11:00 AM	7.67	9/27/2017 11:00 AM	7.53
9/25/2017 11:15 AM	7.48	9/26/2017 11:15 AM	7.68	9/27/2017 11:15 AM	7.51
9/25/2017 11:30 AM	7.42	9/26/2017 11:30 AM	7.68	9/27/2017 11:30 AM	7.51
9/25/2017 11:45 AM	7.64	9/26/2017 11:45 AM	7.68	9/27/2017 11:45 AM	7.57
9/25/2017 12:00 PM	7.69	9/26/2017 12:00 PM	7.63	9/27/2017 12:00 PM	7.68
9/25/2017 12:15 PM	7.69	9/26/2017 12:15 PM	7.62	9/27/2017 12:15 PM	7.70
9/25/2017 12:30 PM	7.69	9/26/2017 12:30 PM	7.59	9/27/2017 12:30 PM	7.70
9/25/2017 12:45 PM	7.68	9/26/2017 12:45 PM	7.50	9/27/2017 12:45 PM	7.69
9/25/2017 1:00 PM	7.68	9/26/2017 1:00 PM	7.63	9/27/2017 1:00 PM	7.69
9/25/2017 1:15 PM	7.66	9/26/2017 1:15 PM	7.67	9/27/2017 1:15 PM	7.69
9/25/2017 1:30 PM	7.70	9/26/2017 1:30 PM	7.70	9/27/2017 1:30 PM	7.67
9/25/2017 1:45 PM	7.66	9/26/2017 1:45 PM	7.70	9/27/2017 1:45 PM	7.66
9/25/2017 2:00 PM	7.62	9/26/2017 2:00 PM	7.69	9/27/2017 2:00 PM	7.66
9/25/2017 2:15 PM	7.54	9/26/2017 2:15 PM	7.68	9/27/2017 2:15 PM	7.66
9/25/2017 2:30 PM	7.64	9/26/2017 2:30 PM	7.68	9/27/2017 2:30 PM	7.65
9/25/2017 2:45 PM	7.68	9/26/2017 2:45 PM	7.67	9/27/2017 2:45 PM	7.64
9/25/2017 3:00 PM	7.70	9/26/2017 3:00 PM	7.65	9/27/2017 3:00 PM	7.75
9/25/2017 3:15 PM	7.69	9/26/2017 3:15 PM	7.61	9/27/2017 3:15 PM	7.71
9/25/2017 3:30 PM	7.68	9/26/2017 3:30 PM	7.59	9/27/2017 3:30 PM	7.66
9/25/2017 3:45 PM	7.67	9/26/2017 3:45 PM	7.57	9/27/2017 3:45 PM	7.63
9/25/2017 4:00 PM	7.66	9/26/2017 4:00 PM	7.56	9/27/2017 4:00 PM	7.61
9/25/2017 4:15 PM	7.64	9/26/2017 4:15 PM	7.55	9/27/2017 4:15 PM	7.66
9/25/2017 4:30 PM	7.64	9/26/2017 4:30 PM	7.70	9/27/2017 4:30 PM	7.69
9/25/2017 4:45 PM	7.63	9/26/2017 4:45 PM	7.66	9/27/2017 4:45 PM	7.72
9/25/2017 5:00 PM	7.62	9/26/2017 5:00 PM	7.62	9/27/2017 5:00 PM	7.72
9/25/2017 5:15 PM	7.61	9/26/2017 5:15 PM	7.58	9/27/2017 5:15 PM	7.70
9/25/2017 5:30 PM	7.60	9/26/2017 5:30 PM	7.57	9/27/2017 5:30 PM	7.70
9/25/2017 5:45 PM	7.60	9/26/2017 5:45 PM	7.58	9/27/2017 5:45 PM	7.68
9/25/2017 6:00 PM	7.59	9/26/2017 6:00 PM	7.65	9/27/2017 6:00 PM	7.66
9/25/2017 6:15 PM	7.58	9/26/2017 6:15 PM	7.67	9/27/2017 6:15 PM	7.65
9/25/2017 6:30 PM	7.57	9/26/2017 6:30 PM	7.69	9/27/2017 6:30 PM	7.63
9/25/2017 6:45 PM	7.57	9/26/2017 6:45 PM	7.69	9/27/2017 6:45 PM	7.62
9/25/2017 7:00 PM	7.56	9/26/2017 7:00 PM	7.68	9/27/2017 7:00 PM	7.61

9/25/2017 7:15 PM	7.56	9/26/2017 7:15 PM	7.67	9/27/2017 7:15 PM	7.65
9/25/2017 7:30 PM	7.55	9/26/2017 7:30 PM	7.65	9/27/2017 7:30 PM	7.70
9/25/2017 7:45 PM	7.54	9/26/2017 7:45 PM	7.64	9/27/2017 7:45 PM	7.67
9/25/2017 8:00 PM	7.54	9/26/2017 8:00 PM	7.62	9/27/2017 8:00 PM	7.64
9/25/2017 8:15 PM	7.53	9/26/2017 8:15 PM	7.61	9/27/2017 8:15 PM	7.62
9/25/2017 8:30 PM	7.53	9/26/2017 8:30 PM	7.60	9/27/2017 8:30 PM	7.61
9/25/2017 8:45 PM	7.53	9/26/2017 8:45 PM	7.64	9/27/2017 8:45 PM	7.56
9/25/2017 9:00 PM	7.53	9/26/2017 9:00 PM	7.60	9/27/2017 9:00 PM	7.66
9/25/2017 9:15 PM	7.53	9/26/2017 9:15 PM	7.59	9/27/2017 9:15 PM	7.69
9/25/2017 9:30 PM	7.53	9/26/2017 9:30 PM	7.57	9/27/2017 9:30 PM	7.69
9/25/2017 9:45 PM	7.53	9/26/2017 9:45 PM	7.56	9/27/2017 9:45 PM	7.68
9/25/2017 10:00 PM	7.53	9/26/2017 10:00 PM	7.55	9/27/2017 10:00 PM	7.68
9/25/2017 10:15 PM	7.62	9/26/2017 10:15 PM	7.64	9/27/2017 10:15 PM	7.67
9/25/2017 10:30 PM	7.65	9/26/2017 10:30 PM	7.66	9/27/2017 10:30 PM	7.67
9/25/2017 10:45 PM	7.62	9/26/2017 10:45 PM	7.67	9/27/2017 10:45 PM	7.66
9/25/2017 11:00 PM	7.58	9/26/2017 11:00 PM	7.66	9/27/2017 11:00 PM	7.66
9/25/2017 11:15 PM	7.56	9/26/2017 11:15 PM	7.65	9/27/2017 11:15 PM	7.65
9/25/2017 11:30 PM	7.55	9/26/2017 11:30 PM	7.65	9/27/2017 11:30 PM	7.65
9/25/2017 11:45 PM	7.59	9/26/2017 11:45 PM	7.64	9/27/2017 11:45 PM	7.67
AVG	7.59	AVG	7.63	AVG	7.63

Note: Communications loss on 9/25/2017 from 12:00AM through 7:15AM data for this time is not included in the average.

Date And Time	pH	Date And Time	pH	Date And Time	pH
9/28/2017 12:00 AM	7.61	9/29/2017 12:00 AM	7.72	9/30/2017 12:00 AM	7.68
9/28/2017 12:15 AM	7.59	9/29/2017 12:15 AM	7.71	9/30/2017 12:15 AM	7.68
9/28/2017 12:30 AM	7.59	9/29/2017 12:30 AM	7.70	9/30/2017 12:30 AM	7.67
9/28/2017 12:45 AM	7.58	9/29/2017 12:45 AM	7.69	9/30/2017 12:45 AM	7.67
9/28/2017 1:00 AM	7.58	9/29/2017 1:00 AM	7.68	9/30/2017 1:00 AM	7.66
9/28/2017 1:15 AM	7.58	9/29/2017 1:15 AM	7.68	9/30/2017 1:15 AM	7.66
9/28/2017 1:30 AM	7.69	9/29/2017 1:30 AM	7.67	9/30/2017 1:30 AM	7.62
9/28/2017 1:45 AM	7.71	9/29/2017 1:45 AM	7.66	9/30/2017 1:45 AM	7.61
9/28/2017 2:00 AM	7.71	9/29/2017 2:00 AM	7.66	9/30/2017 2:00 AM	7.60
9/28/2017 2:15 AM	7.70	9/29/2017 2:15 AM	7.66	9/30/2017 2:15 AM	7.59
9/28/2017 2:30 AM	7.69	9/29/2017 2:30 AM	7.65	9/30/2017 2:30 AM	7.59
9/28/2017 2:45 AM	7.68	9/29/2017 2:45 AM	7.65	9/30/2017 2:45 AM	7.55
9/28/2017 3:00 AM	7.68	9/29/2017 3:00 AM	7.60	9/30/2017 3:00 AM	7.71
9/28/2017 3:15 AM	7.67	9/29/2017 3:15 AM	7.59	9/30/2017 3:15 AM	7.74
9/28/2017 3:30 AM	7.67	9/29/2017 3:30 AM	7.58	9/30/2017 3:30 AM	7.74
9/28/2017 3:45 AM	7.66	9/29/2017 3:45 AM	7.58	9/30/2017 3:45 AM	7.74
9/28/2017 4:00 AM	7.66	9/29/2017 4:00 AM	7.58	9/30/2017 4:00 AM	7.73
9/28/2017 4:15 AM	7.65	9/29/2017 4:15 AM	7.59	9/30/2017 4:15 AM	7.72
9/28/2017 4:30 AM	7.60	9/29/2017 4:30 AM	7.71	9/30/2017 4:30 AM	7.71
9/28/2017 4:45 AM	7.59	9/29/2017 4:45 AM	7.73	9/30/2017 4:45 AM	7.70
9/28/2017 5:00 AM	7.58	9/29/2017 5:00 AM	7.72	9/30/2017 5:00 AM	7.69
9/28/2017 5:15 AM	7.58	9/29/2017 5:15 AM	7.71	9/30/2017 5:15 AM	7.69
9/28/2017 5:30 AM	7.57	9/29/2017 5:30 AM	7.70	9/30/2017 5:30 AM	7.68
9/28/2017 5:45 AM	7.69	9/29/2017 5:45 AM	7.69	9/30/2017 5:45 AM	7.68
9/28/2017 6:00 AM	7.72	9/29/2017 6:00 AM	7.68	9/30/2017 6:00 AM	7.63
9/28/2017 6:15 AM	7.71	9/29/2017 6:15 AM	7.68	9/30/2017 6:15 AM	7.61
9/28/2017 6:30 AM	7.70	9/29/2017 6:30 AM	7.68	9/30/2017 6:30 AM	7.60
9/28/2017 6:45 AM	7.70	9/29/2017 6:45 AM	7.68	9/30/2017 6:45 AM	7.60
9/28/2017 7:00 AM	7.69	9/29/2017 7:00 AM	7.68	9/30/2017 7:00 AM	7.60
9/28/2017 7:15 AM	7.68	9/29/2017 7:15 AM	7.68	9/30/2017 7:15 AM	7.60
9/28/2017 7:30 AM	7.68	9/29/2017 7:30 AM	7.61	9/30/2017 7:30 AM	7.70
9/28/2017 7:45 AM	7.67	9/29/2017 7:45 AM	7.59	9/30/2017 7:45 AM	7.75
9/28/2017 8:00 AM	7.66	9/29/2017 8:00 AM	7.58	9/30/2017 8:00 AM	7.75
9/28/2017 8:15 AM	7.66	9/29/2017 8:15 AM	7.57	9/30/2017 8:15 AM	7.74
9/28/2017 8:30 AM	7.65	9/29/2017 8:30 AM	7.57	9/30/2017 8:30 AM	7.73
9/28/2017 8:45 AM	7.65	9/29/2017 8:45 AM	7.59	9/30/2017 8:45 AM	7.72
9/28/2017 9:00 AM	7.59	9/29/2017 9:00 AM	7.71	9/30/2017 9:00 AM	7.71
9/28/2017 9:15 AM	7.57	9/29/2017 9:15 AM	7.72	9/30/2017 9:15 AM	7.70
9/28/2017 9:30 AM	7.56	9/29/2017 9:30 AM	7.72	9/30/2017 9:30 AM	7.69
9/28/2017 9:45 AM	7.55	9/29/2017 9:45 AM	7.70	9/30/2017 9:45 AM	7.69
9/28/2017 10:00 AM	7.55	9/29/2017 10:00 AM	7.70	9/30/2017 10:00 AM	7.69
9/28/2017 10:15 AM	7.55	9/29/2017 10:15 AM	7.69	9/30/2017 10:15 AM	7.68
9/28/2017 10:30 AM	7.53	9/29/2017 10:30 AM	7.69	9/30/2017 10:30 AM	7.63
9/28/2017 10:45 AM	7.68	9/29/2017 10:45 AM	7.69	9/30/2017 10:45 AM	7.62
9/28/2017 11:00 AM	7.71	9/29/2017 11:00 AM	7.69	9/30/2017 11:00 AM	7.61
9/28/2017 11:15 AM	7.73	9/29/2017 11:15 AM	7.71	9/30/2017 11:15 AM	7.60
9/28/2017 11:30 AM	7.75	9/29/2017 11:30 AM	7.71	9/30/2017 11:30 AM	7.60
9/28/2017 11:45 AM	7.75	9/29/2017 11:45 AM	7.73	9/30/2017 11:45 AM	7.60
9/28/2017 12:00 PM	7.74	9/29/2017 12:00 PM	7.74	9/30/2017 12:00 PM	7.71
9/28/2017 12:15 PM	7.74	9/29/2017 12:15 PM	7.74	9/30/2017 12:15 PM	7.76
9/28/2017 12:30 PM	7.73	9/29/2017 12:30 PM	7.74	9/30/2017 12:30 PM	7.76
9/28/2017 12:45 PM	7.72	9/29/2017 12:45 PM	7.71	9/30/2017 12:45 PM	7.75
9/28/2017 1:00 PM	7.72	9/29/2017 1:00 PM	7.69	9/30/2017 1:00 PM	7.75
9/28/2017 1:15 PM	7.72	9/29/2017 1:15 PM	7.68	9/30/2017 1:15 PM	7.74
9/28/2017 1:30 PM	7.71	9/29/2017 1:30 PM	7.68	9/30/2017 1:30 PM	7.72
9/28/2017 1:45 PM	7.68	9/29/2017 1:45 PM	7.67	9/30/2017 1:45 PM	7.72
9/28/2017 2:00 PM	7.65	9/29/2017 2:00 PM	7.68	9/30/2017 2:00 PM	7.71

9/28/2017 2:15 PM	7.60	9/29/2017 2:15 PM	7.70	9/30/2017 2:15 PM	7.71
9/28/2017 2:30 PM	7.67	9/29/2017 2:30 PM	7.69	9/30/2017 2:30 PM	7.71
9/28/2017 2:45 PM	7.72	9/29/2017 2:45 PM	7.67	9/30/2017 2:45 PM	7.70
9/28/2017 3:00 PM	7.74	9/29/2017 3:00 PM	7.65	9/30/2017 3:00 PM	7.64
9/28/2017 3:15 PM	7.72	9/29/2017 3:15 PM	7.61	9/30/2017 3:15 PM	7.62
9/28/2017 3:30 PM	7.70	9/29/2017 3:30 PM	7.60	9/30/2017 3:30 PM	7.62
9/28/2017 3:45 PM	7.68	9/29/2017 3:45 PM	7.58	9/30/2017 3:45 PM	7.61
9/28/2017 4:00 PM	7.67	9/29/2017 4:00 PM	7.57	9/30/2017 4:00 PM	7.61
9/28/2017 4:15 PM	7.66	9/29/2017 4:15 PM	7.56	9/30/2017 4:15 PM	7.60
9/28/2017 4:30 PM	7.66	9/29/2017 4:30 PM	7.56	9/30/2017 4:30 PM	7.73
9/28/2017 4:45 PM	7.67	9/29/2017 4:45 PM	7.66	9/30/2017 4:45 PM	7.76
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9/28/2017 5:30 PM	7.67	9/29/2017 5:30 PM	7.64	9/30/2017 5:30 PM	7.75
9/28/2017 5:45 PM	7.69	9/29/2017 5:45 PM	7.60	9/30/2017 5:45 PM	7.74
9/28/2017 6:00 PM	7.66	9/29/2017 6:00 PM	7.66	9/30/2017 6:00 PM	7.73
9/28/2017 6:15 PM	7.65	9/29/2017 6:15 PM	7.67	9/30/2017 6:15 PM	7.72
9/28/2017 6:30 PM	7.63	9/29/2017 6:30 PM	7.68	9/30/2017 6:30 PM	7.72
9/28/2017 6:45 PM	7.61	9/29/2017 6:45 PM	7.68	9/30/2017 6:45 PM	7.71
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9/28/2017 7:15 PM	7.68	9/29/2017 7:15 PM	7.68	9/30/2017 7:15 PM	7.70
9/28/2017 7:30 PM	7.69	9/29/2017 7:30 PM	7.68	9/30/2017 7:30 PM	7.65
9/28/2017 7:45 PM	7.69	9/29/2017 7:45 PM	7.67	9/30/2017 7:45 PM	7.63
9/28/2017 8:00 PM	7.69	9/29/2017 8:00 PM	7.66	9/30/2017 8:00 PM	7.62
9/28/2017 8:15 PM	7.68	9/29/2017 8:15 PM	7.65	9/30/2017 8:15 PM	7.62
9/28/2017 8:30 PM	7.67	9/29/2017 8:30 PM	7.65	9/30/2017 8:30 PM	7.62
9/28/2017 8:45 PM	7.67	9/29/2017 8:45 PM	7.69	9/30/2017 8:45 PM	7.62
9/28/2017 9:00 PM	7.66	9/29/2017 9:00 PM	7.63	9/30/2017 9:00 PM	7.61
9/28/2017 9:15 PM	7.66	9/29/2017 9:15 PM	7.62	9/30/2017 9:15 PM	7.74
9/28/2017 9:30 PM	7.65	9/29/2017 9:30 PM	7.60	9/30/2017 9:30 PM	7.77
9/28/2017 9:45 PM	7.65	9/29/2017 9:45 PM	7.60	9/30/2017 9:45 PM	7.76
9/28/2017 10:00 PM	7.65	9/29/2017 10:00 PM	7.60	9/30/2017 10:00 PM	7.75
9/28/2017 10:15 PM	7.67	9/29/2017 10:15 PM	7.65	9/30/2017 10:15 PM	7.74
9/28/2017 10:30 PM	7.62	9/29/2017 10:30 PM	7.71	9/30/2017 10:30 PM	7.74
9/28/2017 10:45 PM	7.60	9/29/2017 10:45 PM	7.72	9/30/2017 10:45 PM	7.74
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9/28/2017 11:15 PM	7.59	9/29/2017 11:15 PM	7.70	9/30/2017 11:15 PM	7.73
9/28/2017 11:30 PM	7.56	9/29/2017 11:30 PM	7.69	9/30/2017 11:30 PM	7.73
9/28/2017 11:45 PM	7.69	9/29/2017 11:45 PM	7.69	9/30/2017 11:45 PM	7.75
AVG	7.66	AVG	7.66	AVG	7.69

MIN	**7.07**
MAX	**7.77**

Avtex Fibers
Front Royal, VA
Outfall 004
September 2017 DMR

Sample Date	Sample ID	BOD, mg/L	BOD, kg/d	TSS, mg/L	TSS, kg/d
9/7/2017	AF9-7FE	0.0	0.0	0.0	0.0
9/14/2017	AF9-14FE	0.0	0.0	0.0	0.0
9/21/2017	AF9-21FE	0.0	0.0	0.0	0.0
9/28/2017	AF9-28FE	0.0	0.0	0.0	0.0
	Daily Maximum:	0.0	0.0	0.0	0.0
	Monthly Avg:	0.0	0.0	0.0	0.0

Monthly Average – Compliance with the monthly average limitations and/or reporting requirements for the parameters listed in Part I.C.1 shall be determined as follows: All concentration data below the QL used for the analysis shall be treated as zero. All concentration data equal to or above the QL used for the analysis shall be treated as it is reported. An arithmetic average shall be calculated using all reported data for the month, including the defined zeros. This arithmetic average shall be reported on the Discharge Monitoring Report (DMR) as calculated. If all data are below the QL used for the analysis, then the average shall be reported as "<QL". If reporting for quantity is required on the DMR and the reported monthly average concentration is <QL, then report "<QL" for the quantity. Otherwise use the reported concentration data (including the defined zeros) and flow data for each sample day to determine the daily quantity and report the monthly average of the calculated daily quantities.

Daily Maximum – Compliance with the daily maximum limitations and/or reporting requirements for the parameters listed in Part I.C.1 shall be determined as follows: All concentration data below the QL used for the analysis shall be treated as zero. All concentration data equal to or above the QL used for the analysis shall be treated as reported. An arithmetic average shall be calculated using all reported data, including the defined zeros, collected within each day during the reporting month. The maximum value of these daily averages thus determined shall be reported on the DMR as the Daily Maximum. If all data are below the QL used for the analysis, then the maximum value of the daily averages shall be reported as "<QL". If reporting for quantity is required on the DMR and the reported daily maximum concentration is <QL, then report "<QL" for the quantity. Otherwise use the reported daily average concentrations (including the defined zeros) and corresponding daily flows to determine daily average quantities and report the maximum of the daily average quantities during the reporting month.

Loading Derivation
If 1 ppm (= 1 mg/L) and 1 MGD (= 1 MG/day)
--> (1 mg/L)(1 MG/day)(3.785 L/Gal)(10^6 Gal/MG)(1 lb/453,600 mg) = 8.34 lbs/day
--> lbs/day = ppm * 8.34 * MGD
--> kg/d = ppm * 8.34 * MGD * 0.4536*lb/d

Concentration Derivation
If 1 lb/d and 1 MGD (= 1 MG/day)
[(1 lbs/day)(453,600 mg/lb)] / [(1 MG/d)(10^6 Gal/MG)(3.785 L/Gal)]
--> ppm = lb/d * (1/8.34) * (1/MGD)

	BOD
9/7/2017	0
9/14/2017	0
9/21/2017	0
9/28/2017	0
AVG	0

	TSS
9/7/2017	0
9/14/2017	0
9/21/2017	0
9/28/2017	0
AVG	0

	CS2*	
9/21/2017	<QL	ug/L
9/21/2017	<QL	mg/L
9/21/2017	<QL	kg/d

*Note: CS2 EPA Test Method: 8260 MSV Low Level Analytical Method (EPA 8260)
Report Limit 2 ug/L
MDL 1.2 ug/L

Attachment 4

Preliminary Site-Wide Quarterly Inspection

Quarterly Inspection Report

Inpected by: M. Robinson / M. Harder
Report No.: 2017-09

Date: 06-18-2017 to 6-20-17
Areas Inspected: See Map

Questions	Response		Comments and Recommendations
1. Remediation/Restoration Areas			
Is settlement or standing water evident? If Yes, describe the degree of settlement(s) (slight, moderate, significant), record approximate dimensions, and indicate the location(s) on an attached map.	☑ Yes	☐ No	Slight to moderate settlement in small/isolated areas (former standing water not present in most areas of the site during this inspection). More significant settlement at VB-9 and SB-3 (shown on attached map). Repairs underway for VB-9 settlement.
Is erosion evident? If Yes, describe the type of erosion (rills, gullies), record approximate dimensions (length, width, depth) and indicate location(s) on an attached map.	☑ Yes	☐ No	Minor erosion noted in a few isolated areas (see map for locations and details).
Are potential leachate seeps evident or migration of contamination? If Yes, describe the nature (size, color, flow rate), record location on an attached map, and photograph. [Note: Check former seep areas in unnamed tributary north of VB 4-6, check pond area north of VB 9, and check other likely areas (e.g., embankments of VBs, SBs)]	☑ Yes	☐ No	See map for locations. Potential seeps: -South of LS2 (Dry) -SE of VB-2&3 (Dry) -NW of VB-7&8 (Dry)
Do landfill/basin embankments show signs of erosion, failure (e.g., cracking, sloughing) or migration of contamination (e.g., seeps, exposed waste)? If Yes, describe the nature (type, size), record location on an attached map, and photograph [Note: Check river-side of embankments along river, if safe to do so.]	☐ Yes	☑ No	
Is vegetation distressed or are bare areas evident? If Yes, describe the type of disorder (distressed, sparsely vegetated, bare), record approximate dimensions and indicate location(s) on an attached map.	☑ Yes	☐ No	Isolated/minor bare areas noted. See map for locations. With few exceptions, vegetation is filling in or the bare soil is the result of animal activities.

Quarterly Inspection Report

Inpected by: M. Robinson / M. Harder

Date: 06-18-2017 to 6-20-17

Report No.: 2017-09

Areas Inspected: See Map

Questions	Response		Comments and Recommendations
Is there woody vegetation greater than 2 inches in diameter or 5 feet in height on the cover system(s)? If Yes, describe where and actions to be taken (refer to Section 4.2 of the O&M Plan).	☐ Yes	☑ No	
Is any other damage evident? If Yes, describe the type of damage(s) and indicate the location(s) on an attached map.	☐ Yes	☑ No	
Are obstruction(s) (brush, debris, timber, leaves, sediment) interfering with the proper functioning of ditches, gutters or flumes? If Yes, describe the type(s) of obstruction(s) and indicate the location(s) on an attached map.	☑ Yes	☐ No	Minor obstructions at one location: 1. Sediment building up at end of culvert southeast of VB-10 causing standing water in culvert. Issue to be monitored.
Is sediment deposited in diversion berms, ditches gutters, flumes or culverts deeper than ¼ of the original channel depth (shown on the contract drawings) or culvert diameter? If Yes, record approximate dimensions and indicate locations on an attached map.	☐ Yes	☑ No	

Quarterly Inspection Report

Inpected by: M. Robinson / M. Harder
Report No.: 2017-09

Date: 06-18-2017 to 6-20-17
Areas Inspected: See Map

Questions	Response		Comments and Recommendations
2. Surface Water Drainage and Erosion Control System			
Is erosion evident? If Yes, describe the drainage structure inspected (ditch, gutter, flume, culvert, outfall, rip-rap), the type of erosion (rills, gullies, washouts, slope failure), record approximate dimensions (length, width, depth) and indicate location(s) on an attached map.	☑ Yes	☐ No	Minor erosion noted in a few isolated areas. See map for locations. Rills forming across access road to LS-1 (west of VB-4, 5, & 6) due to flow exceeding capacity of culvert. Rills have also formed on north bank of the sediment basin between the NLF and VB-2&3. The rills in both locations appear to have stabilized.
Is overall shape, configuration, and alignment of the drainageway as shown on the drawings? If No, describe the type of distortion (damaged, eroded, slope failure), record approximate dimensions and indicate location(s) on an attached map.	☑ Yes	☐ No	
Is erosion evident at drainage outlet aprons? If Yes, record approximate dimensions and indicate location(s) on an attached map.	☐ Yes	☑ No	

Inspection Checklist (check items that were inspected; document concerns noted; refer to attached Drawings for specific areas)

Viscos Basins 1-3

☑ Vegetation	☑ Erosion	☑ Settlement	☑ Gas Vents
☑ Culvert Inlets & outles	☑ Rip-rap channels	☑ Access road near unit	☐

Viscos Basins 4-6

☑ Vegetation	☑ Erosion	☑ Settlement	☑ Gas Vents
☑ Culvert Inlets & outles - N, E, & W of VB 4-6; - Pond W of VB 4-6	☑ Rip-rap channels	☑ Down chutes	☑ Gas Vent Filter & Fence
☑ Former seep area - N of VB 4-6	☑ LS #1 & #2 and Fencing	☑ Access road near unit	☐

Viscos Basins 7-8

☑ Vegetation	☑ Erosion	☑ Settlement	☑ Gas Vents
☑ Culvert Inlets & outles (between VB-1 and VB-7)	☑ Rip-rap channels	☑ Down chutes	☑ Leachate Collection Manhole (MW VB7)
☑ Access road near unit	☐	☐	☐

Viscos Basins 9-11

☑ Vegetation	☑ Erosion	☑ Settlement	☑ Gas Vents
☑ Drop inlests on VB-11	☑ Culver inlets & outlets (S&W VB-11; N VB-11 & VB-9; and SW VB-10)	☑ Rip-rap channels	☑ Down chutes
☑ Access road near unit	☑ Seep area in pond north of VB-9	☑ VB 9-11 fence and gates	☑ LS #4 and Fencing

New Landfill

☑ Vegetation	☑ Erosion	☑ Settlement	☑ Gas Vents
☑ Culvert inlets & outlets (NE & SE of NLF)	☑ Rip-rap channels	☑ Down chutes	☑ LS #3 and Fencing
☑ Access road near unit	☐	☐	☐

SB-1

☑ Vegetation	☑ Erosion	☑ Settlement	☑ Gas Vents
☑ Culvert inlets & outlets (NE SB-1; SB-2; SE SB-3; NE SB-4; & S SB-4)	☑ Rip-rap channels & outlets by River	☑ Down chutes (SB-1 & SB-4)	☐
☑ Access road near unit	☐	☐	☐

Inspection Checklist (check items that were inspected; document concerns noted; refer to attached Drawings for specific areas)

SB-2

☑ Vegetation	☑ Erosion	☑ Settlement	☑ Culvert inlets & Outlets (S & W Sides)
☑ Berms along River (site & river side)	☑ Rip-rap channels & outlets by River	☑ Access road near unit	☐

SB-3

☑ Vegetation	☑ Erosion	☑ Settlement	☑ Gas Vents
☑ Culvert inlets & Outlets (SE))	☑ Rip-rap channels & outlets by River	☑ Drop inlets (W side)	☑ Access Road near unit
☐	☐	☐	☐

SB-4

☑ Vegetation	☑ Erosion	☑ Settlement	☑ Gas Vents
☑ Culvert inlets & outlets (NE & S sides)	☑ Down chutes (S Side)	☑ Drop inlet (N side)	☑ Berms along River (site & river side)
☑ Access road near unit	☐	☐	☐

SB-5

☑ Vegetation	☑ Erosion	☑ Settlement	☑ Gas Vents
☑ Berms along River and E side	☑ Access Road near unit	☐	☐
☐	☐	☐	☐

FAB 1-3

☑ Vegetation	☑ Erosion	☑ Settlement	☑ Culvert inlets & outlets (E & S FAB1-2; SW FAB3)
☑ Access Road near unit	☐	☐	☐

FAS & FARA

☑ Vegetation	☑ Erosion	☑ Settlement	☑ Culvert inlets & outlets (E & N FAS; E FARA)
☑ Access Road near unit	☐	☐	☐

EL, PB 1-2, PB-3

☑ Vegetation	☑ Erosion	☑ Settlement	☑ Rip-rap Channels
☑ Culvert inlets & outlets (E & W EL; NW PB-1-2; S PB-3)	☑ Access Road near unit	☐	☐

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia

Photo Number: 1

Unit: *OU-10*

Basin/Landfill:

VB-4, 5, & 6

Date : 09/18/2017

Photo Description: Former area of standing water adjacent to LS-2 (now dry).

Photo Number: 2

Unit: *OU-10*

Basin/Landfill:

VB-4, 5, & 6

Date : 09/18/2017

Photo Description: Former area of standing water adjacent to LS-2 (now dry).

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia

Photo Number: 3

Unit: *OU-10*

Basin/Landfill:

VB-4, 5, & 6

Date : 09/18/2017

Photo Description: Rills forming on access road to LS-1 west of VB-4, 5, & 6

Photo Number: 4

Unit: *OU-10*

Basin/Landfill:

VB-4, 5, & 6

Date : 09/18/2017

Photo Description: Minor erosion with rills adjacent to headwall in southeast corner of Sediment Basin 1.

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia

Photo Number: 5

Unit: *OU-10*

Basin/Landfill:

VB-2 & 3

Date : 09/20/2017

Photo Description: Large wet area with Cattails southeast of VB 2&3 (possible seep) – now dry and filling in with grass

Photo Number: 6

Unit: *OU-10*

Basin/Landfill:

VB-2&3 and NLF

Date : 09/20/2017

Photo Description: Bare soil (~10' x30`) with rills southeast of VB-2&3 (Sediment basin between NLF and VB-2&3). Stabilized.

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia

Photo Number: 7

Unit: *OU-10*

Basin/Landfill:

NLF

Date : 09/20/2017

Photo Description: Bare soil (~10'x20') in the southeast corner of the basin located southeast of the NLF; continues to fill in with vegetation.

Photo Number: 8

Unit: *OU-10*

Basin/Landfill:

VB-11

Date : 09/18/2017

Photo Description: Bare Soil (~4'x10') adjacent to downdrain north of VB-11.

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia

Photo Number: 9

Unit: *OU-7*

Basin/Landfill:

VB-11

Date : 09/18/2017

Photo Description: Former area of standing water around wells 103/203/303.(now dry).

Photo Number: 10

Unit: *OU-7*

Basin/Landfill:

VB-9

Date : 09/18/2017

Photo Description: First 30' x 40' areas of settlement on VB-9. Area was being repaired during inpsection

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia

Photo Number: 11

Unit: *OU-7*

Basin/Landfill:

VB-9

Date : 09/18/2017

Photo Description: Second 30' x 40' areas of settlement on VB-9.

Photo Number: 12

Unit: *OU-7*

Basin/Landfill:

VB-10

Date : 09/18/2017

Photo Description: Sediment building up at end of culvert under access road.

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia

Photo Number: 13

Unit: *OU-7*

Basin/Landfill:

VB-10

Date : 06/18/2017

Photo Description: Bare patches and spotty vegetation in southeast corner of VB-10.

Photo Number: 14

Unit: *OU-7*

Basin/Landfill:

VB-10

Date : 06/18/2017

Photo Description: Bare patches and exposed matting at down chute in southeast corner of VB-10.

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia

Photo Number: 15

Unit: *OU-7*

Basin/Landfill:

VB-10

Date : 06/18/2017

Photo Description: Bare patches and exposed matting at down chute in southwest corner of VB-10.

Photo Number: 16

Unit: *OU-7*

Basin/Landfill:

VB-10

Date : 06/18/2017

Photo Description: Bare soil (~20'x30') at the southwest corner of VB-10.

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia

Photo Number: 17

Unit: *OU-7*

Basin/Landfill:

VB-10

Date : 06/19/2017

Photo Description: Rills in roadway in southwest corner of VB-11 repaired and rock drain installed to prevent future erosion

Photo Number: 18

Unit: *NTCRA Basins*

Basin/Landfill:

SB-3

Date : 06/19/2017

Photo Description: Former 20' x 30' area of standing water on SB-3 near northeast corner of SB-2 (now dry).

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia

Photo Number: 19

Unit: *NTCRA Basins*

Basin/Landfill:

SB-3

Date : 06/19/2017

Photo Description: Former **15**' x 20' area of standing water on SB-3 (now dry).

Photo Number: 20

Unit: *NTCRA Basins*

Basin/Landfill:

SB-2 / Roadway

Date : 06/18/2017

Photo Description: Small rill forming in roadway at culvert.

Quarterly Inspection Report Photographic Log
Avtex Superfund Site
Front Royal, Virginia

Photo Number: 21

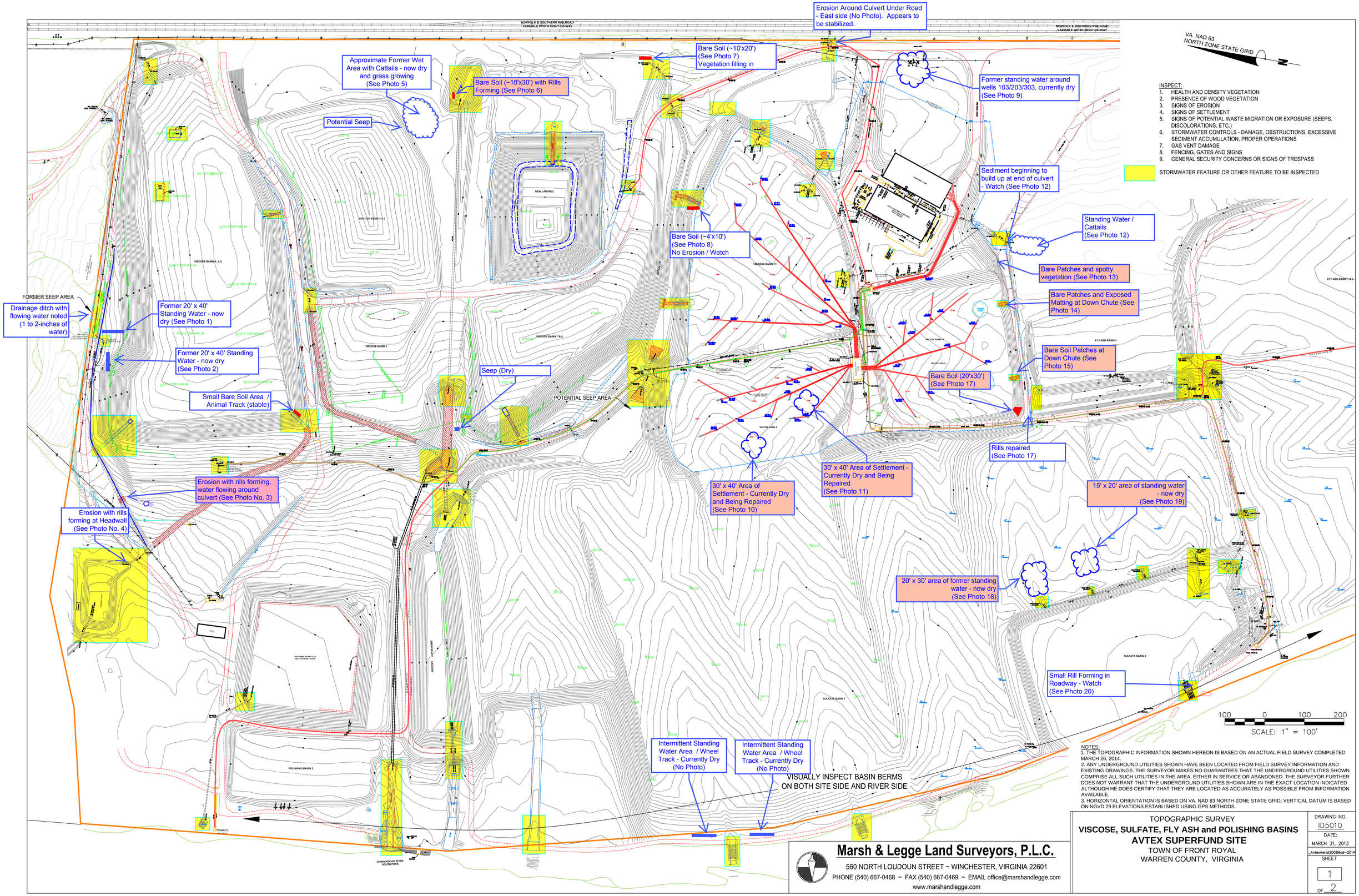
Unit: *NTCRA Basins*

Basin/Landfill:

FAB-6

Date : 06/18/2017

Photo Description: Small trees at inlet



INSPECT:

1. HEALTH AND DENSITY VEGETATION
2. PRESENCE OF WOOD VEGETATION
3. SIGNS OF EROSION
4. SIGNS OF SETTLEMENT
5. SIGNS OF POTENTIAL WASTE MIGRATION OR EXPOSURE (SEEPS, DISCOLORATIONS, ETC.)
6. STORMWATER CONTROLS - DAMAGE, OBSTRUCTIONS, EXCESSIVE SEDIMENT ACCUMULATION, PROPER OPERATIONS
7. GAS VENT DAMAGE
8. FENCING, GATES AND SIGNS
9. GENERAL SECURITY CONCERNS OR SIGNS OF TRESPASS

STORMWATER FEATURE OR OTHER FEATURE TO BE INSPECTED

NOTES:

1. THE TOPOGRAPHIC INFORMATION SHOWN HEREON IS BASED ON AN ACTUAL FIELD SURVEY COMPLETED MARCH 26, 2014.
2. ANY UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.
3. HORIZONTAL ORIENTATION IS BASED ON VA. NAD 83 NORTH ZONE STATE GRID; VERTICAL DATUM IS BASED ON NGVD 29 ELEVATIONS ESTABLISHED USING GPS METHODS.

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www.marshandlegge.com

TOPOGRAPHIC SURVEY

VISCOSE, SULFATE, FLY ASH and POLISHING BASINS

AVTEX SUPERFUND SITE

TOWN OF FRONT ROYAL
WARREN COUNTY, VIRGINIA

DRAWING NO. ID5010

DATE: MARCH 31, 2013

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SHEET 1 OF 2

VA. NAD 83
NORTH ZONE STATE GRID

NORFOLK & SOUTHERN RAILROAD
VARIABLE WIDTH RIGHT-OF-WAY

FLY ASH BASIN 6

Remove Small Trees
(See Photo 21)

See Sheet 1 of 2

FLY ASH BASIN 1 & 2

SULFATE BASIN 5

FLY ASH BASIN 3

SULFATE BASIN 4

SULFATE BASIN 3

SULFATE BASIN 2

VISUALLY INSPECT BASIN BERMS
ON BOTH SITE SIDE AND RIVER SIDE

SHENANDOAH RIVER

SHENANDOAH RIVER

INSPECT:

1. HEALTH AND DENSITY VEGETATION
2. PRESENCE OF WOOD VEGETATION
3. SIGNS OF EROSION
4. SIGNS OF SETTLEMENT
5. SIGNS OF POTENTIAL WASTE MIGRATION OR EXPOSURE (SEEPS, DISCOLORATIONS, ETC.)
6. STORMWATER CONTROLS - DAMAGE, OBSTRUCTIONS, EXCESSIVE SEDIMENT ACCUMULATION, PROPER OPERATIONS
7. GAS VENT DAMAGE
8. FENCING, GATES AND SIGNS
9. GENERAL SECURITY CONCERNS OR SIGNS OF TRESPASS

STORMWATER FEATURE OR OTHER FEATURE TO BE INSPECTED

100 0 100 200

SCALE: 1" = 100'

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TOPOGRAPHIC SURVEY

VISCOSE, SULFATE, FLY ASH and POLISHING BASINS

AVTEX SUPERFUND SITE

TOWN OF FRONT ROYAL

WARREN COUNTY, VIRGINIA

DRAWING NO. ID5010

DATE: MARCH 13, 2014

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SHEET 2 OF 2