



The Chemours Company
P.O. Box 788
Lewiston, NY 14092
chemours.com

(716) 221-4723t

February 28, 2018

Ms. Gloria Sosa
Western New York Remediation Section
New York Remediation Branch
Emergency and Remediation Response Division
U.S. EPA – Region II
290 Broadway, 20th Floor
New York, NY 10007-1866

Dear Ms. Sosa:

NECCO PARK FOURTH QUARTER 2017 DATA PACKAGE

Enclosed are two copies of the *Fourth 2017 (4Q17) Data Package* for The Chemours Necco Park Hydraulic Control System (HCS) in accordance with the approved Long Term Groundwater Monitoring Plan. The data package includes an operational summary, process sample analytical data, figures showing hydrographs, potentiometric surface contours map, and vertical gradient maps. The data package also includes a 4Q17 monitoring summary for dense non-aqueous phase liquid (DNAPL).

Pumping system uptime for 4Q17 was 72.7 percent. The total volume of groundwater treated during 4Q17 was 2,937,773 gallons. DNAPL was monitored monthly and no DNAPL was observed during the quarter.

Please contact me at (716) 221-4723 if you have any questions or comments regarding this submittal.

Sincerely,

CORPORATE REMEDIATION GROUP

A handwritten signature in black ink, appearing to read "Paul F. Mazierski".

Paul F. Mazierski
Project Director

Enc. 4Q2017 Data Package

cc: M. McIntosh/NYSDEC
E. Felter/Parsons



**SOURCE AREA HYDRAULIC CONTROL SYSTEM
FOURTH QUARTER 2017
GROUNDWATER MONITORING DATA PACKAGE
CHEMOOURS NECCO PARK
NIAGARA FALLS, NIAGARA COUNTY, NEW YORK**

EPA ID No. NYD980532162

Prepared For:

**THE CHEMOOURS COMPANY FC LLC
CORPORATE REMEDIATION GROUP**

Buffalo Avenue and 26th Street
Niagara Falls, New York 14302

Prepared By:

PARSONS

40 La Riviere Drive, Suite 350
Buffalo, New York 14202
Phone: (716) 541-0730

February 2018

TABLE OF CONTENTS

	Page
SECTION 1 DATA PACKAGE SUMMARY	1-1
1.1 Introduction.....	1-1
1.2 Operational Summary.....	1-1
1.3 GWTF Process Sampling	1-2
1.4 POTW Compliance.....	1-2
SECTION 2 REFERENCES.....	2-1

TABLES

FIGURES

APPENDIX A - GROUNDWATER ELEVATION DATA FOURTH QUARTER 2017

APPENDIX B - GWTF PROCESS SAMPLING RESULTS FOURTH QUARTER 2017

ATTACHMENT 1 - 4Q17 WATER LEVELS (ELECTRONIC FORMAT ONLY)

SECTION 1

DATA PACKAGE SUMMARY

1.1 INTRODUCTION

This data package presents a summary of operating and monitoring data collected during the fourth quarter of 2017 (4Q17) for groundwater remediation measures at the Chemours NECCO Park Site (Necco Park) in Niagara Falls, New York. Submission of this data package meets the reporting requirements defined in the agency-approved Long-Term Groundwater Monitoring Plan LTGMP (DuPont Corporate Remediation Group 2005) as well as agency-approved scope revisions (USEPA, 2010, 2012, 2015, and 2016).

This is the 50th data package submitted since the 2005 startup of the Necco Park Hydraulic Control System (HCS). It provides a summary of operations for the pumping wells and the Groundwater Treatment Facility (GWT). Figures 1 through 13 are hydrographs depicting groundwater elevation since startup of the HCS, contours for six groundwater flow zones, and a map of vertical gradients between the A-Zone and the B-Zone. Groundwater elevation data are provided as a hard copy in Appendix A and as an electronic copy in Attachment 1.

1.2 OPERATIONAL SUMMARY

The following table provides a summary of average HCS uptime, total gallons of groundwater treated, and gallons of dense non-aqueous phase liquid (DNAPL) removed for 4Q17:

	HCS Uptime (%)	Groundwater Treated (gallons)	DNAPL Removed (gallons)
October	58.6%	923,221	0
November	64.9%	817,332	0
December	94.5%	1,197,220	0
4Q17 Total	72.7%	2,937,773	0

System downtime is categorized into two groups: HCS downtime and individual recovery well downtime. Both categories are further grouped into two types: unscheduled and scheduled downtime.

There were 2 scheduled HCS maintenance shutdown events in the quarter: RW 4, 5, and 11 were down 48 hours on October 18-19 for ABC conveyance line cleaning. All recovery wells were down an average of 320 hours from October 23 to November 8 for annual GWTF influent and effluent process tank cleaning, inspections, and subsequent minor repairs that were required due to the inspection observations.

There were 2 unscheduled individual well shutdowns during the quarter: RW-4 was down 72 hours on October 7-11, and again on October 20-23 as a result of power and pump frequency drive failures. Table 1 provides a summary of well downtime for the quarter. Table 2 provides a historical operations summary by quarter since HCS operations began.

Semiannual DNAPL monitoring was completed October 6 and monthly DNAPL monitoring was completed November 30 and December 29 during 4Q17. No DNAPL was observed in any of the wells during the monitoring for this quarter, as such, no DNAPL was removed during the quarter.

1.3 GWTF PROCESS SAMPLING

GWTF influent samples (from B/C-Zone and D/E/F-Zone) and a combined effluent sample were collected in 4Q17 in accordance with the SAMP and the approved reduction to VOCs only (USEPA, January 2012). Samples were collected by TestAmerica Laboratories of Amherst, New York on November 15, 2017 and shipped to the TestAmerica Laboratories in North Canton, Ohio for analysis. Sample results for the process sampling are included in Appendix B.

1.4 POTW COMPLIANCE

As required by the publicly-owned treatment works (POTW) Significant Industrial User (SIU) Permit #76 for Necco Park, the GWTF discharge is sampled and reported quarterly to the Niagara Falls Water Board (NFWB). The most recent Necco Park 4Q17 sewer discharge samples were collected on September 29, 2017 (following NFWB quarterly calendar). There were no permit limit exceedances in 4Q17. The results indicate that the GWTF continued operating within normal parameters during 4Q17.

SECTION 2

REFERENCES

DuPont Corporate Remediation Group, 2005. DuPont Necco Park Operations and Maintenance Plan. November 11, 2005.

DuPont Corporate Remediation Group, 2011. Letter regarding revisions to DuPont NECCO Park Groundwater Monitoring Program, December 8, 2011.

USEPA, 2010. Letter approving changes to the monitoring program, July 16, 2010

USEPA, 2012. Letter approving changes to the monitoring program, January 27, 2012

USEPA, 2015. Letter approving changes to DNAPL monitoring program, June 11, 2015

USEPA, 2016. Letter approving changes to the monitoring program, October 19, 2016

TABLES

Table 1
Individual Well Shutdown Summary for 4Q17
Chemours Necco Park

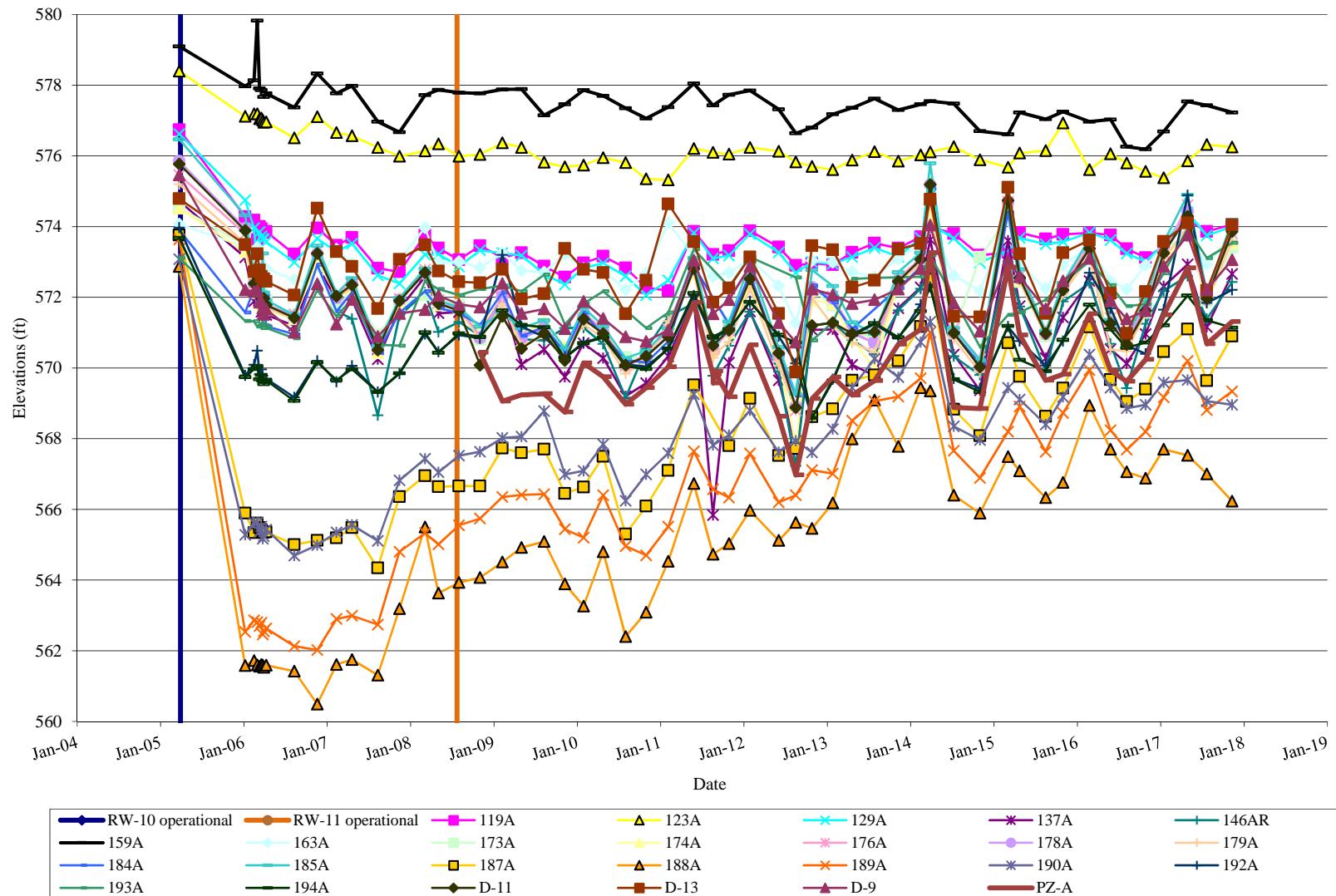
	Well ID	Date(s)	Length of Shutdown (hours)	Reason for Shutdown	Remarks
October	RW-4	October 7 through October 11	72	Power failure and pump frequency drive failure.	
	RW-4, 5, and 11	October 18 through October 19	48	Conveyance line (ABC) cleaning.	
	RW-4	October 20 through October 31	264	Frequency drive failure, influent and effluent process tank cleaning, repairs, and inspection.	
	RW-5	October 23 through October 31	192	Influent and Effluent Process Tank cleaning, repairs, and inspection.	
	RW-11	October 25 through 31	144	Influent and Effluent Process Tank cleaning, repairs, and inspection.	
	RW-8 and 9	October 25 through 31	120	Influent and Effluent Process Tank cleaning, repairs, and inspection.	
November	RW-4, 5, 8, 9, and 11	November 1 through November 8	168	Influent and Effluent Process Tank cleaning and inspection.	
December					No wells were down for greater than 48 hours in December 2017.

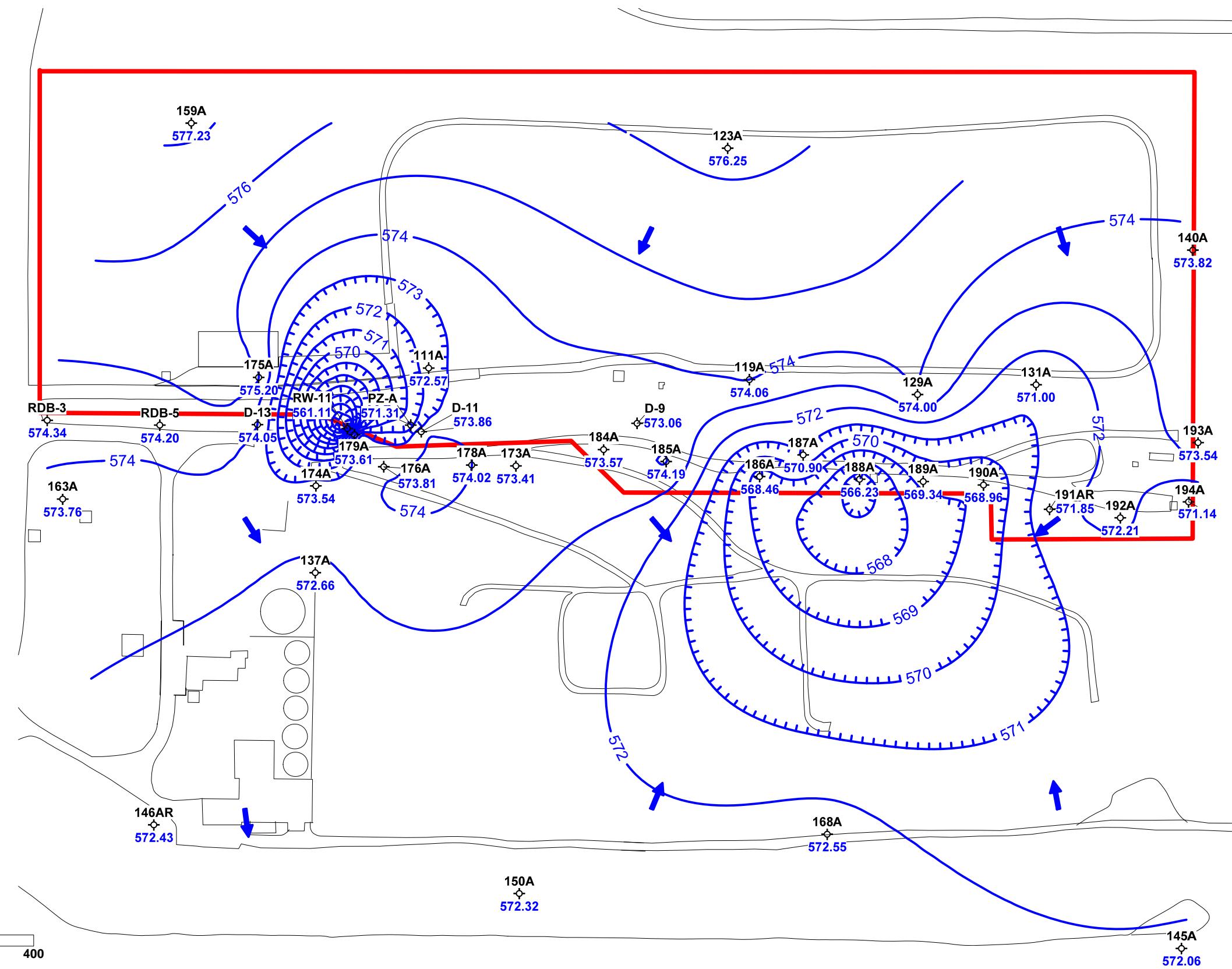
Table 2
Historical HCS Operational Summary - 4Q17
Chemours Necco Park

Reporting Period	HCS Uptime (%)	HCS Uptime Excluding Scheduled Maintenance Downtime (%)	Groundwater Treated (Gallons)	DNAPL Removed (Gallons)
2Q05	97.3	97.6	3,349,590	73.5
3Q05	89.3	91.4	3,117,280	30
4Q05	93.6	96.5	3,225,819	0
1Q06	99.4	99.4	2,889,134	24
2Q06	97.5	98.1	3,486,835	74
3Q06	88.7	90.9	3,181,365	28
4Q06	91.0	93.8	2,787,745	25
1Q07	91.2	91.2	2,638,005	15
2Q07	93.8	94.2	2,882,064	52
3Q07	92.0	92.5	3,497,149	51
4Q07	91.2	92.0	2,697,915	35
1Q08	92.6	93.5	2,761,674	65
2Q08	95.9	95.9	2,902,261	279
3Q08	77.2	80.0	3,112,202	124
4Q08	70.3	72.2	3,468,710	44
1Q09	88.7	89.6	4,442,026	0
2Q09	95.0	95.0	4,117,084	0
3Q09	95.3	95.3	4,069,280	0
4Q09	95.8	95.8	3,663,740	0
1Q10	98.3	98.3	3,921,478	90
2Q10	77.0	100.0	3,259,485	0
3Q10	100.0	100.0	3,398,078	0
4Q10	93.8	99.1	3,195,727	0
1Q11	94.6	97.6	3,679,957	70
2Q11	89.6	89.6	3,370,066	48
3Q11	91.7	96.2	2,947,721	0
4Q11	86.5	91.4	3,167,844	12
1Q12	93.6	93.6	3,138,892	0
2Q12	94.3	94.3	3,926,572	72
3Q12	89.1	89.8	3,913,978	0
4Q12	94.6	94.6	4,248,337	0
1Q13	93.4	93.4	4,200,081	40
2Q13	88.6	88.6	4,115,050	57
3Q13	90.3	90.3	3,758,479	25
4Q13	91.2	91.2	3,559,683	0
1Q14	96.0	96.0	3,683,342	0
2Q14	95.3	95.3	3,789,669	0
3Q14	89.3	89.3	3,660,343	0
4Q14	96.8	96.8	3,291,496	0
1Q15	92.0	92.0	3,297,700	28
2Q15	77.7	98.9	3,262,714	0
3Q15	56.4	97.8	1,993,440	0
4Q15	90.1	95.6	3,453,781	40
1Q16	97.5	97.5	3,440,875	0
2Q16	74.4	97.1	3,723,706	0
3Q16	71.2	90.4	2,471,085	0
4Q16	90.5	100.0	3,086,585	0
1Q17	95.2	95.2	3,234,923	0
2Q17	87.0	88.5	4,022,608	0
3Q17	86.0	86.0	3,632,509	0
4Q17	72.7	96.7	2,937,773	0
TOTALS	---	---	173,073,855	1,402
AVERAGE	89.6	93.6	---	---

FIGURES

Figure 1
Select A-Zone Monitoring Wells
Groundwater Elevations 2005 Through 4th Quarter 2017
Chemours Necco Park





PARSONS
40 La Riviere Dr, Suite 350
Buffalo, NY 14202
(716) 541-0730

Created by: RBP	Date: 12-14-17
Checked by: JWS	Date: 12-20-17
Project Manager: EA	Date: 12-20-17
Job number: 450326.02020	

LEGEND

- 3B Well ID
diamond Monitoring Well
diamond Pumping Well
- Potentiometric Contour — Source Area Extent
- Structure
Road

Figure 2
Potentiometric Surface Map
Chemours Necco Park: A-Zone
November 22, 2017



159A/B
-0.30

111A/B
-0.04

119A/B
-0.11

129A/B
-0.19

163A/B
-0.03

137A/B
-0.16

168A/B
-0.72

150A/B
-0.15

145A/B
-0.14

Scale: Feet
0 100 200 300 400

Negative value indicates downward gradient

Elevation datum feet AMSL

PARSONS
40 La Riviere Dr, Suite 350
Buffalo, NY 14202
(716) 541-0730

Created by: RBP	Date: 12-14-17
Checked by: JWS	Date: 12-20-17
Project Manager: EAF	Date: 12-20-17
Job number: 450326.02020	

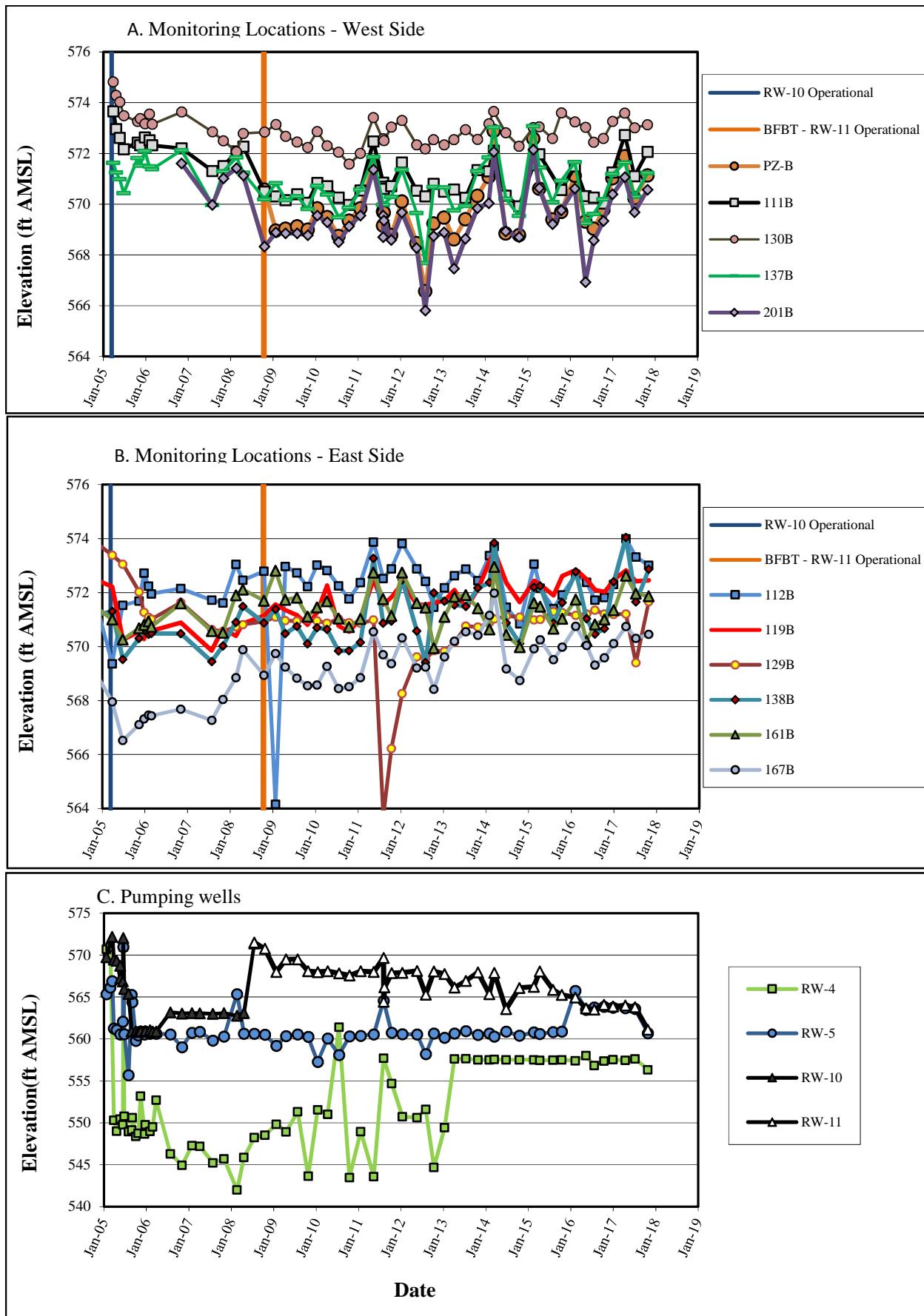
LEGEND

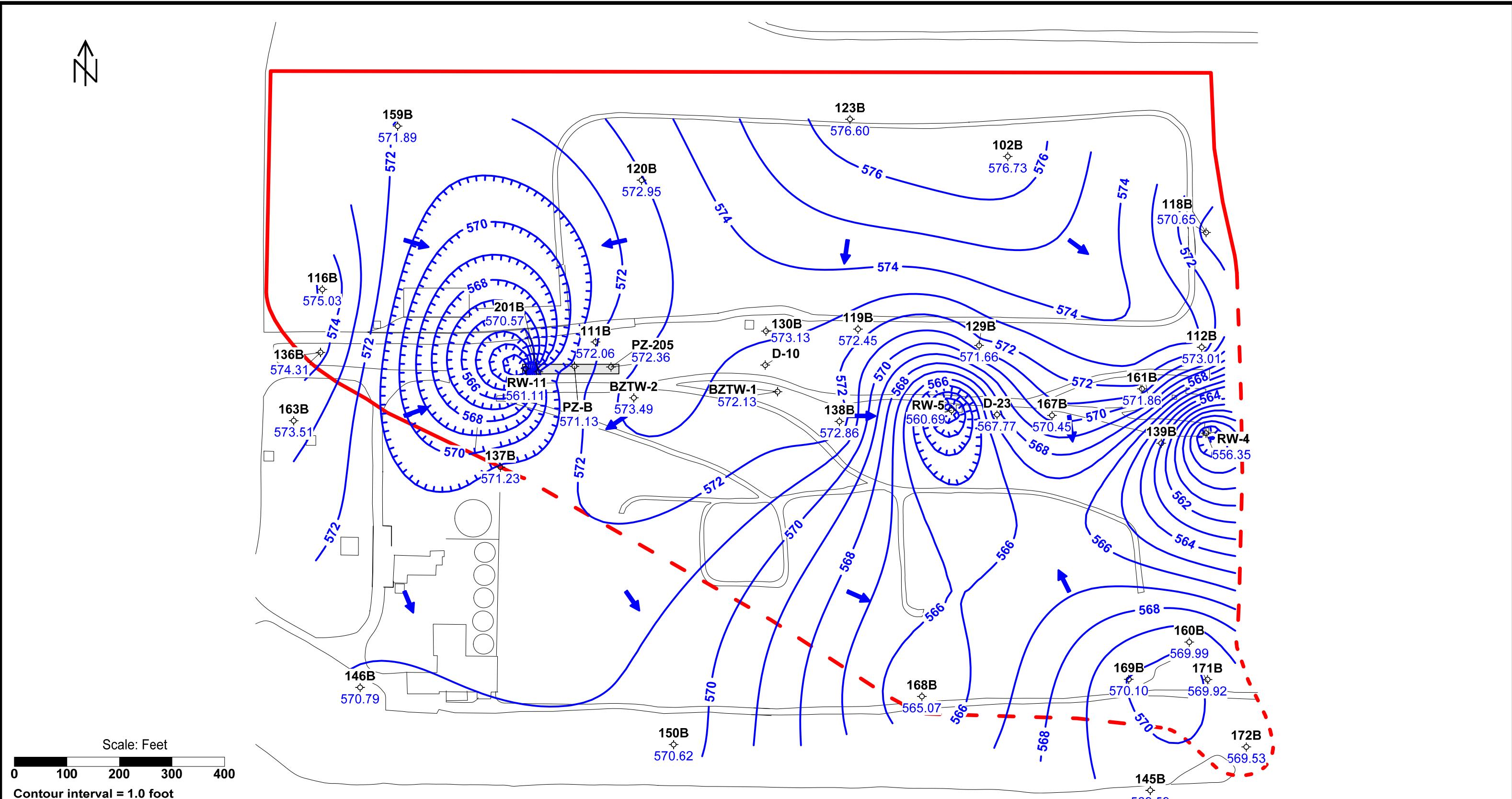
- 150A/B Well ID
- ◆ Monitoring Well
- ◆ Pumping Well
- Structure
- Road

-0.10 Vertical Hydraulic Gradient

Figure 3
Vertical Gradient: A-Zone to B-Zone
Chemours Necco Park
November 22, 2017

Figure 4
Select B-Zone Monitoring Wells
Groundwater Elevations 2005 through 4th Quarter 2017
Chemours Necco Park





PARSONS
40 La Riviere Dr, Suite 350
Buffalo, NY 14202
(716) 541-0730

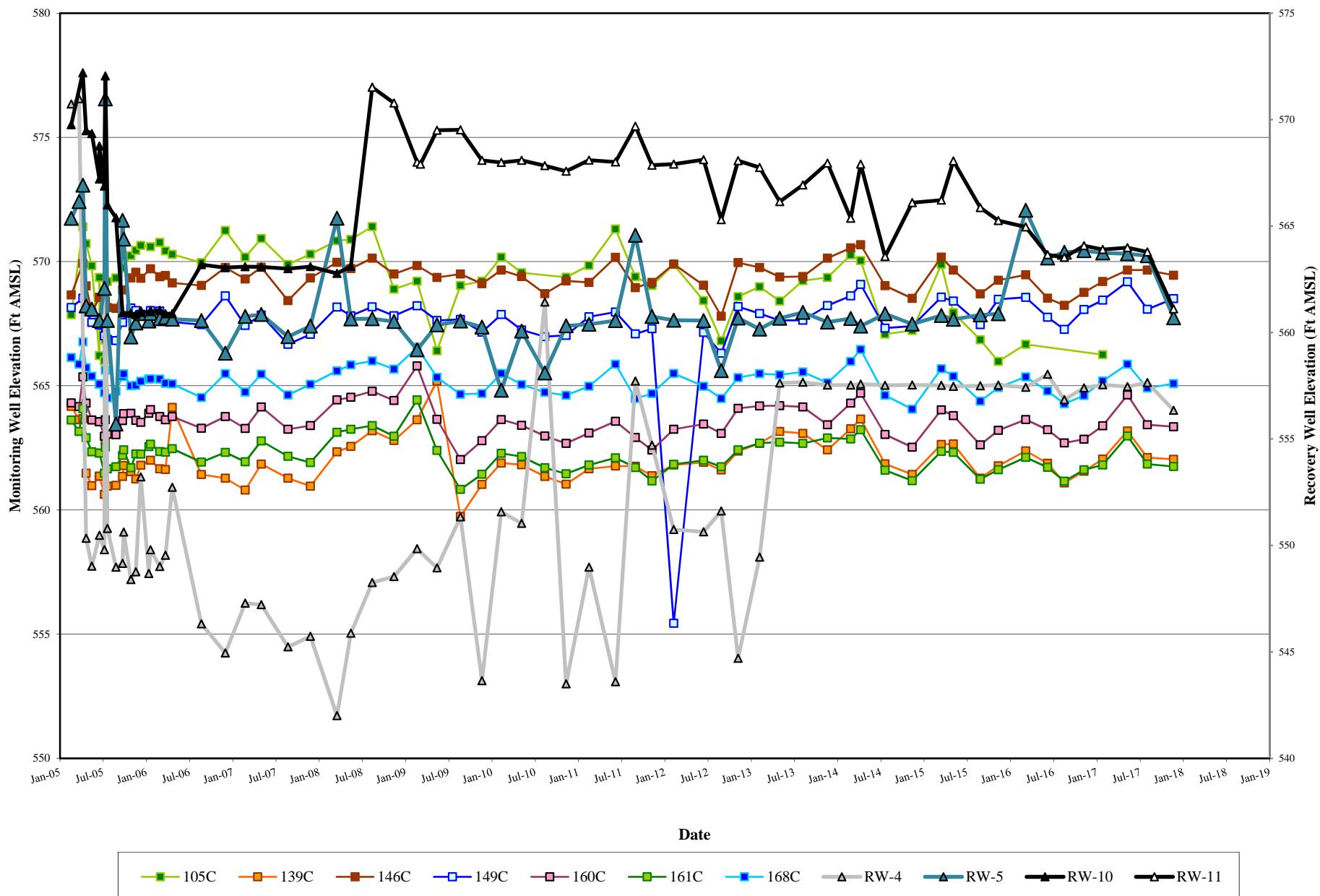
Created by: RBP	Date: 12-14-17
Checked by: JWS	Date: 12-20-17
Project Manager: EAF	Date: 12-20-17
Job number: 450326.02020	

LEGEND

- 3B Well ID
- ◇ Monitoring Well
- ◆ Pumping Well
- Potentiometric Contour
- Structure
- Road
- Source Area Extent
- Approximate Location of Bedrock Fractured Blast Trench

Figure 5
Potentiometric Surface Map
Chemours Necco Park: B-Zone
November 22, 2017

Figure 6
Select C-Zone Monitoring Wells
Groundwater Elevations 2005 Through 4th Quarter 2017
Chemours Necco Park



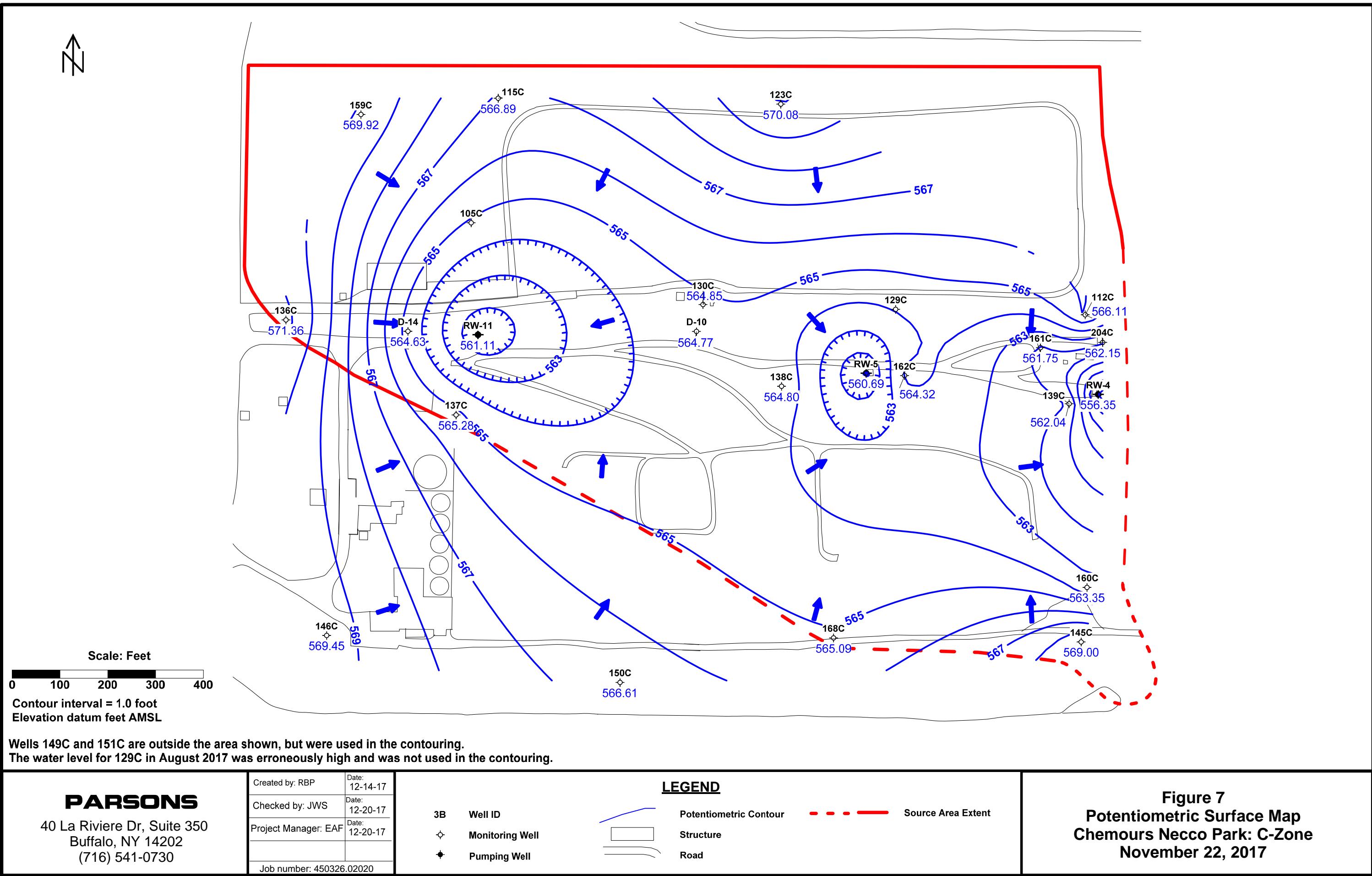
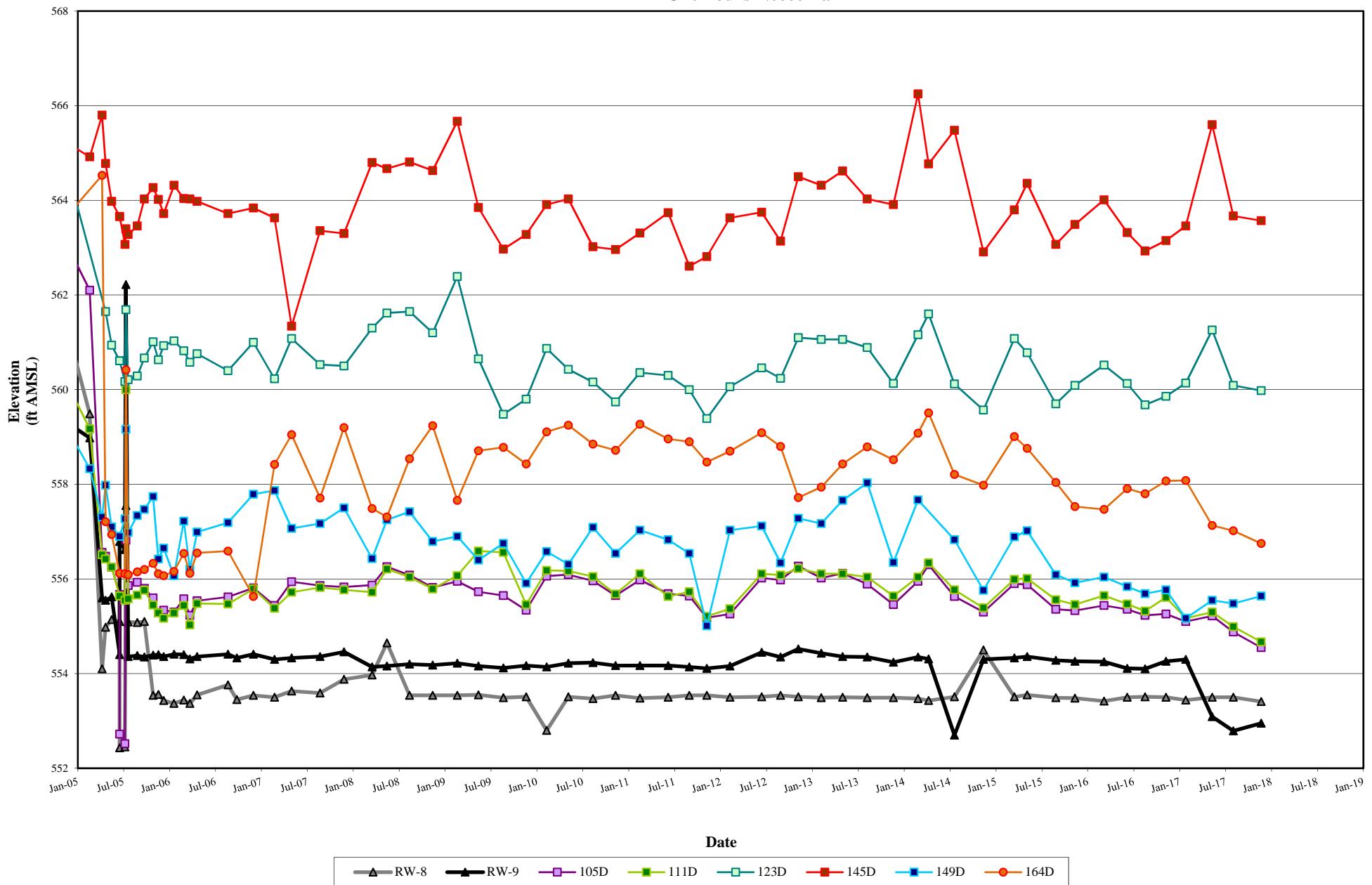
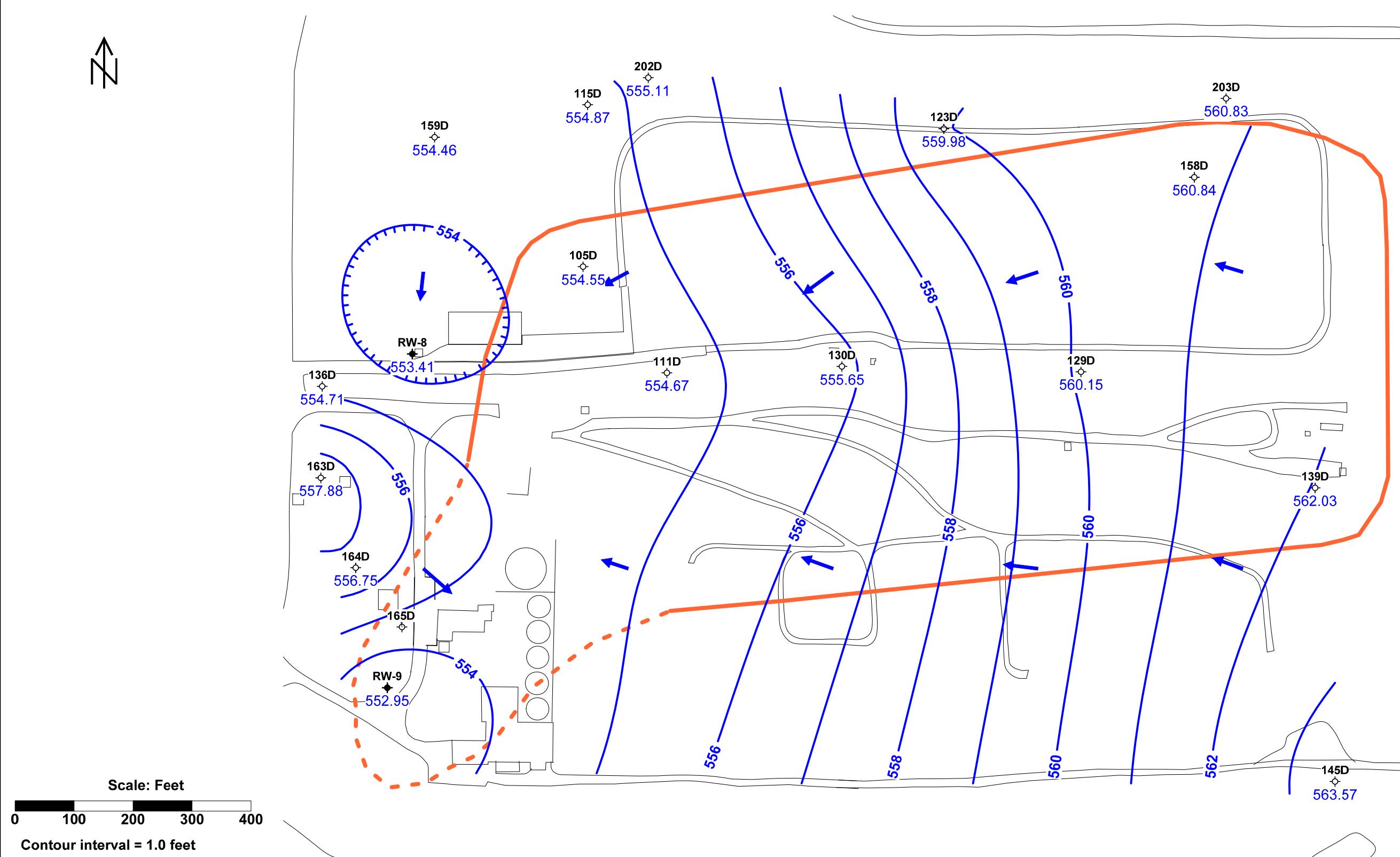


Figure 8
Select D-Zone Monitoring Wells
Groundwater Elevations 2005 through 4th Quarter 2017
Chemours Necco Park





Well 149D, located outside the map area, was used in the contour interpolation.
Well 148D located downgradient was not used in the interpolation.
Well 165D was not used in the contour interpolation.

PARSONS
40 La Riviere Dr, Suite 350
Buffalo, NY 14202
(716) 541-0730

Created by: RBP	Date: 12-14-17
Checked by: JWS	Date: 12-20-17
Project Manager: EAF	Date: 12-20-17
Job number: 450326.02020	

LEGEND

- 3B Well ID
- ◇ Monitoring Well
- ◆ Pumping Well

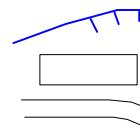
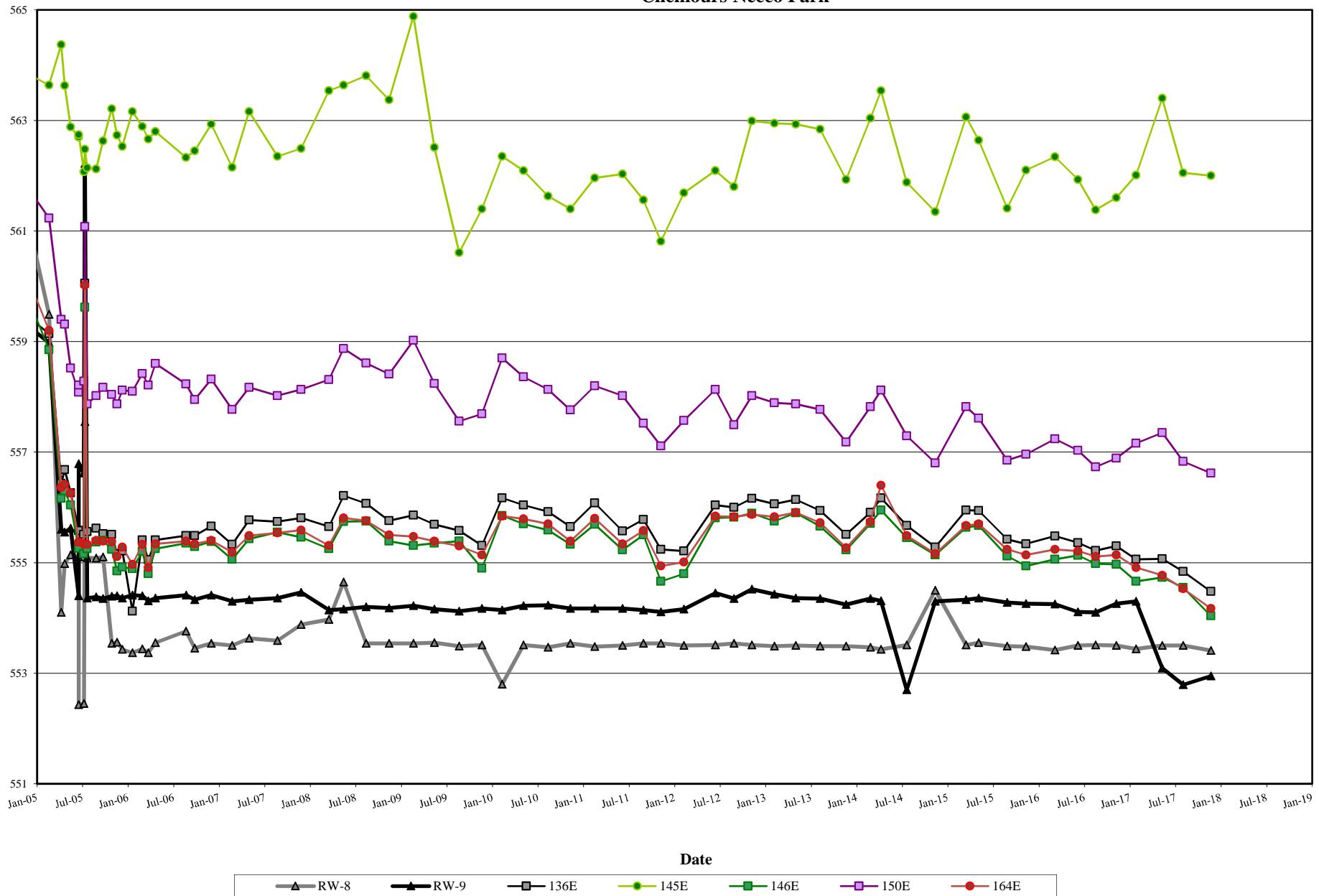
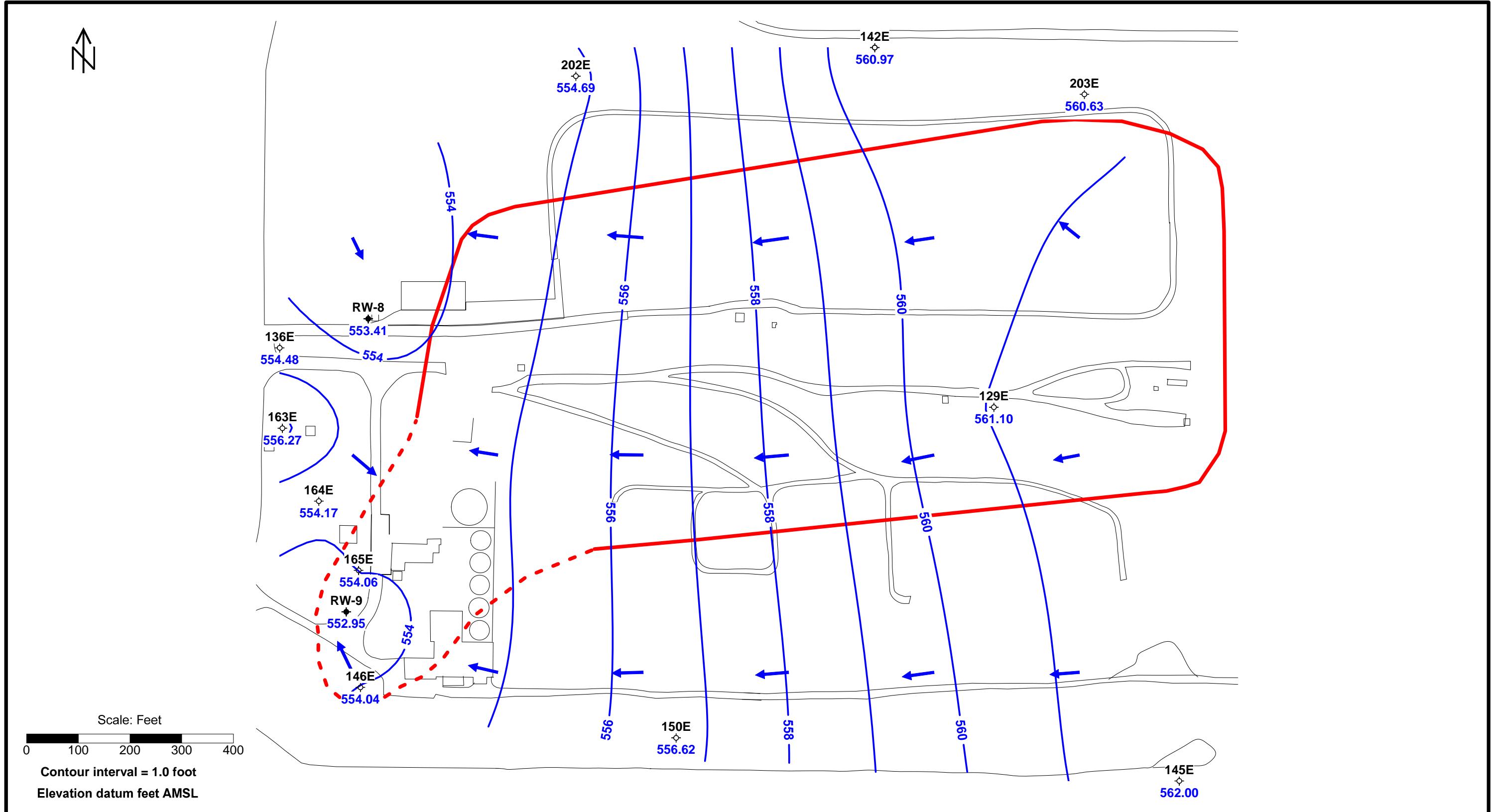


Figure 9
Potentiometric Surface Map
Chemours Necco Park: D-Zone
November 22, 2017

Figure 10
Select E-Zone Monitoring Wells
Groundwater Elevations 2005 Through 4th Quarter 2017
Chemours Necco Park





PARSONS
40 La Riviere Dr, Suite 350
Buffalo, NY 14202
(716) 541-0730

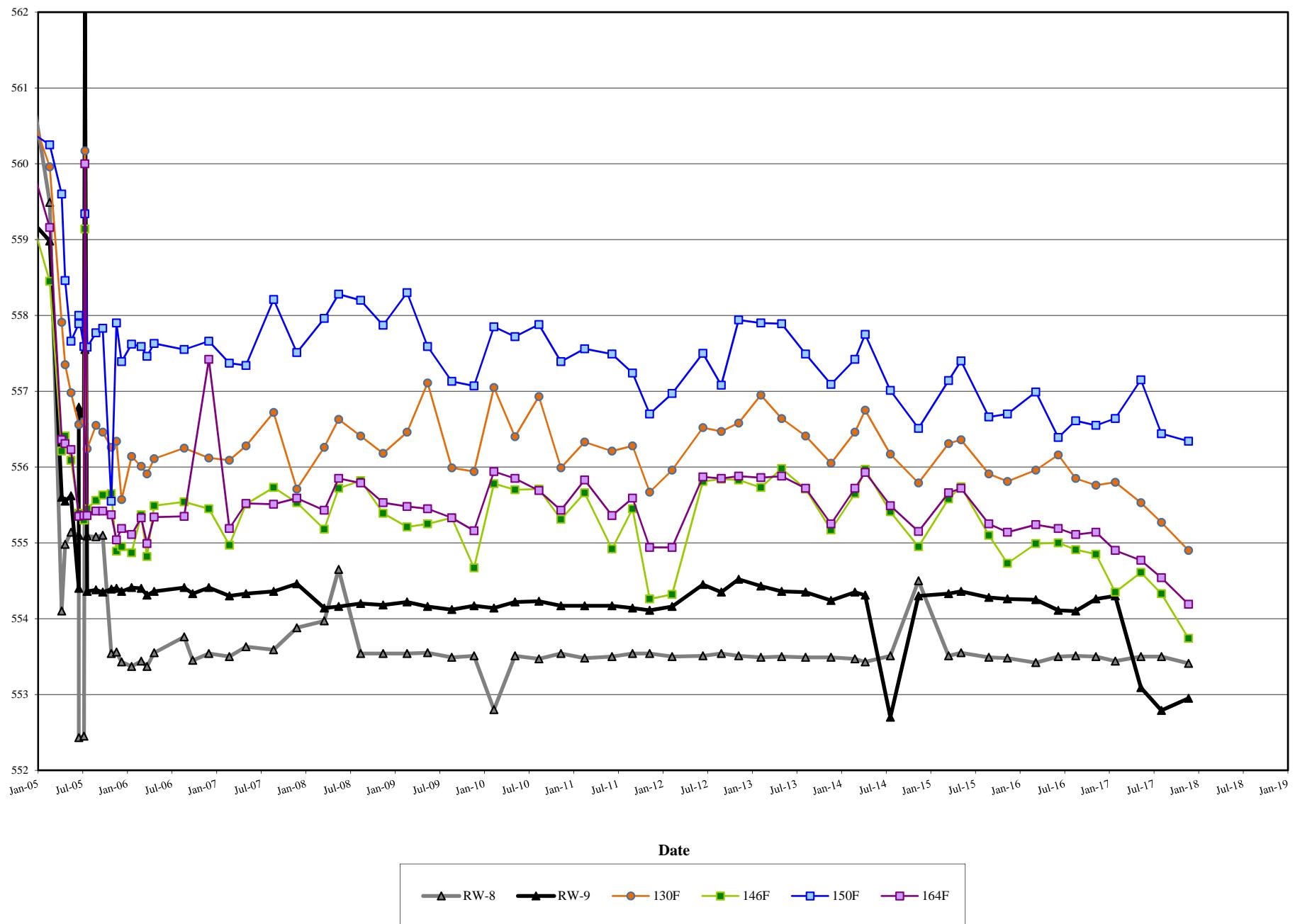
Created by: RBP	Date: 12-14-17
Checked by: JWS	Date: 12-20-17
Project Manager: EAF	Date: 12-20-17
Job number: 450326.02020	

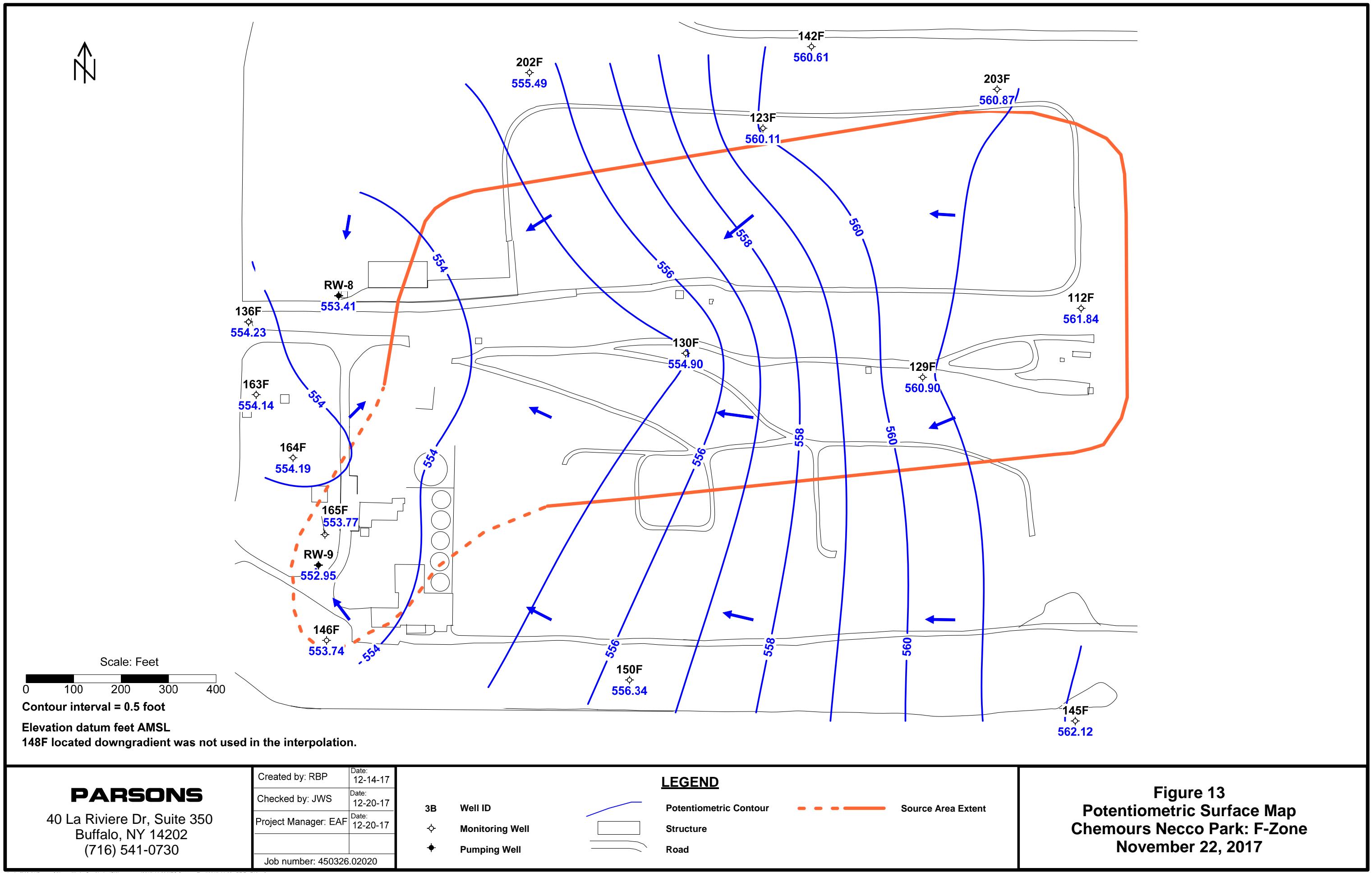
LEGEND

- Potentiometric Contour
- Source Area Extent
- Structure
- Road
- Well ID
- Monitoring Well
- Pumping Well

Figure 11
Potentiometric Surface Map
Chemours Necco Park: E-Zone
November 22, 2017

Figure 12
Select F-Zone Monitoring Wells
Groundwater Elevations 2005 Through 4th Quarter 2017
Chemours Necco Park





APPENDIX A

CHEMOOURS NECCO PARK
GROUNDWATER ELEVATION DATA
FOURTH QUARTER 2017

APPENDIX A
GROUNDWATER ELEVATION DATA - 4Q17
Chemours Necco Park

Location ID	Date Measured	Depth to Water	Reference Elevation	Groundwater Elevation	Time Measured
102B	11/22/2017	22.28	599.01	576.73	12:13
105C	11/22/2017	Dry	595.28	Dry	13:06
105D	11/22/2017	40.22	594.77	554.55	13:07
111A	11/22/2017	14.32	586.89	572.57	11:38
111B	11/22/2017	12.88	584.94	572.06	11:40
111D	11/22/2017	29.63	584.30	554.67	11:41
112B	11/22/2017	8.89	581.90	573.01	12:03
112C	11/22/2017	16.82	582.93	566.11	12:02
112F	11/22/2017	21.45	583.29	561.84	12:04
115C	11/22/2017	29.04	595.93	566.89	13:07
115D	11/22/2017	41.75	596.62	554.87	13:08
116B	11/22/2017	15.02	590.05	575.03	11:31
118B	11/22/2017	13.25	583.90	570.65	12:06
119A	11/22/2017	12.28	586.34	574.06	11:51
119B	11/22/2017	14.32	586.77	572.45	11:52
120B	11/22/2017	26.23	599.18	572.95	12:25
123A	11/22/2017	21.68	597.93	576.25	12:17
123B	11/22/2017	19.38	595.98	576.60	12:21
123C	11/22/2017	25.34	595.42	570.08	12:20
123D	11/22/2017	36.53	596.51	559.98	12:19
123F	11/22/2017	38.46	598.57	560.11	12:16
129A	11/22/2017	10.80	584.80	574.00	11:57
129B	11/22/2017	13.58	585.24	571.66	11:55
129C	11/22/2017	11.45	585.68	574.23	11:56
129D	11/22/2017	25.88	586.03	560.15	11:54
129E	11/22/2017	19.78	580.88	561.10	11:55
129F	11/22/2017	20.46	581.36	560.90	11:57
130B	11/22/2017	12.50	585.63	573.13	11:48
130C	11/22/2017	20.66	585.51	564.85	11:47
130D	11/22/2017	29.31	584.96	555.65	11:46
130F	11/22/2017	26.59	581.49	554.90	11:36
131A	11/22/2017	14.43	585.43	571.00	12:00
136B	11/22/2017	7.38	581.69	574.31	11:10
136C	11/22/2017	10.26	581.62	571.36	11:10
136D	11/22/2017	24.97	579.68	554.71	11:09
136E	11/22/2017	25.11	579.59	554.48	11:08
136F	11/22/2017	26.10	580.33	554.23	11:06
136F	11/22/2017	26.09	580.33	554.24	12:37
136G	11/22/2017	22.01	579.76	557.75	11:07
136G	11/22/2017	22.21	579.76	557.55	12:38
137A	11/22/2017	5.81	578.47	572.66	11:18
137B	11/22/2017	7.08	578.31	571.23	11:16

APPENDIX A
GROUNDWATER ELEVATION DATA - 4Q17
Chemours Necco Park

Location ID	Date Measured	Depth to Water	Reference Elevation	Groundwater Elevation	Time Measured
137C	11/22/2017	13.11	578.39	565.28	11:15
137D	11/22/2017	14.85	579.09	564.24	11:17
138B	11/22/2017	11.12	583.98	572.86	11:42
138C	11/22/2017	22.26	587.06	564.80	11:44
139A	11/22/2017	13.76	585.14	571.38	12:08
139B	11/22/2017	5.18	585.39	580.21	12:11
139C	11/22/2017	23.23	585.27	562.04	12:19
139D	11/22/2017	23.46	585.49	562.03	12:19
140A	11/22/2017	7.73	581.55	573.82	12:08
142E	11/22/2017	25.03	586.00	560.97	12:30
142F	11/22/2017	25.08	585.69	560.61	12:31
145A	11/22/2017	3.78	575.84	572.06	11:52
145B	11/22/2017	5.89	575.48	569.59	11:53
145C	11/22/2017	6.90	575.90	569.00	12:21
145D	11/22/2017	12.48	576.05	563.57	12:22
145E	11/22/2017	13.98	575.98	562.00	11:53
145F	11/22/2017	13.93	576.05	562.12	11:54
146AR	11/22/2017	4.49	576.92	572.43	12:31
146B	11/22/2017	6.11	576.90	570.79	12:32
146C	11/22/2017	6.90	576.35	569.45	12:32
146E	11/22/2017	22.04	576.08	554.04	12:33
146F	11/22/2017	22.30	576.04	553.74	12:33
148D	11/22/2017	8.30	579.38	571.08	11:10
148F	11/22/2017	23.99	576.21	552.22	11:11
149B	11/22/2017	2.73	572.87	570.14	11:28
149C	11/22/2017	4.75	573.26	568.51	11:29
149D	11/22/2017	17.22	572.86	555.64	11:29
150A	11/22/2017	3.54	575.86	572.32	11:41
150B	11/22/2017	5.37	575.99	570.62	11:41
150C	11/22/2017	9.52	576.13	566.61	11:42
150E	11/22/2017	19.53	576.15	556.62	11:42
150F	11/22/2017	19.64	575.98	556.34	11:42
151B	11/22/2017	6.23	573.36	567.13	11:18
151C	11/22/2017	4.48	573.18	568.70	11:19
158D	11/22/2017	37.36	598.20	560.84	12:11
159A	11/22/2017	18.93	596.16	577.23	13:01
159B	11/22/2017	24.48	596.37	571.89	13:02
159C	11/22/2017	27.44	597.36	569.92	13:02
159D	11/22/2017	43.21	597.67	554.46	13:05
160B	11/22/2017	12.76	582.75	569.99	12:20
160C	11/22/2017	19.37	582.72	563.35	12:20
161B	11/22/2017	10.98	582.84	571.86	12:04

APPENDIX A
GROUNDWATER ELEVATION DATA - 4Q17
Chemours Necco Park

Location ID	Date Measured	Depth to Water	Reference Elevation	Groundwater Elevation	Time Measured
161C	11/22/2017	20.89	582.64	561.75	12:05
162C	11/22/2017	16.68	581.00	564.32	11:52
163A	11/22/2017	4.38	578.14	573.76	11:25
163B	11/22/2017	4.43	577.94	573.51	11:26
163D	11/22/2017	20.94	578.82	557.88	11:22
163E	11/22/2017	22.79	579.06	556.27	11:23
163F	11/22/2017	24.62	578.76	554.14	11:24
164D	11/22/2017	20.67	577.42	556.75	11:19
164E	11/22/2017	23.15	577.32	554.17	11:18
164F	11/22/2017	23.08	577.27	554.19	11:17
165D	11/22/2017	13.80	577.52	563.72	12:44
165E	11/22/2017	23.50	577.56	554.06	12:44
165F	11/22/2017	23.95	577.72	553.77	12:44
167B	11/22/2017	10.48	580.93	570.45	11:59
168A	11/22/2017	6.17	578.72	572.55	12:05
168B	11/22/2017	13.83	578.90	565.07	12:06
168C	11/22/2017	14.12	579.21	565.09	12:06
169B	11/22/2017	10.33	580.43	570.10	12:19
170B	11/22/2017	10.29	579.10	568.81	12:19
171B	11/22/2017	9.62	579.54	569.92	12:20
172B	11/22/2017	7.42	576.95	569.53	11:54
173A	11/22/2017	7.30	580.71	573.41	11:32
174A	11/22/2017	4.08	577.62	573.54	11:11
175A	11/22/2017	11.61	586.81	575.20	11:36
176A	11/22/2017	6.22	580.03	573.81	11:23
178A	11/22/2017	5.90	579.92	574.02	11:30
179A	11/22/2017	5.40	579.01	573.61	11:21
184A	11/22/2017	6.31	579.88	573.57	11:34
185A	11/22/2017	6.65	580.84	574.19	11:41
186A	11/22/2017	11.30	579.76	568.46	11:44
187A	11/22/2017	9.04	579.94	570.90	11:46
188A	11/22/2017	14.68	580.91	566.23	11:48
189A	11/22/2017	10.48	579.82	569.34	11:52
190A	11/22/2017	11.62	580.58	568.96	11:58
191AR	11/22/2017	8.77	580.62	571.85	12:02
192A	11/22/2017	11.87	584.08	572.21	12:10
193A	11/22/2017	10.59	584.13	573.54	12:17
194A	11/22/2017	13.21	584.35	571.14	12:13
201B	11/22/2017	8.68	579.25	570.57	11:22
202D	11/22/2017	37.62	592.73	555.11	12:35
202E	11/22/2017	38.04	592.73	554.69	12:36
202F	11/22/2017	37.24	592.73	555.49	12:36

APPENDIX A
GROUNDWATER ELEVATION DATA - 4Q17
Chemours Necco Park

Location ID	Date Measured	Depth to Water	Reference Elevation	Groundwater Elevation	Time Measured
203D	11/22/2017	33.02	593.85	560.83	12:31
203E	11/22/2017	33.22	593.85	560.63	12:29
203F	11/22/2017	32.98	593.85	560.87	12:32
204C	11/22/2017	19.62	581.77	562.15	12:16
BZTW-1	11/22/2017	7.54	579.67	572.13	11:41
BZTW-2	11/22/2017	5.89	579.38	573.49	11:30
BZTW-4	11/22/2017	4.22	578.18	573.96	11:14
D-10	11/22/2017	15.25	580.02	564.77	11:39
D-11	11/22/2017	4.21	578.07	573.86	11:25
D-13	11/22/2017	5.02	579.07	574.05	11:09
D-14	11/22/2017	14.38	579.01	564.63	11:08
D-23	11/22/2017	12.84	580.61	567.77	11:53
D-9	11/22/2017	7.09	580.15	573.06	11:38
PZ-205B	11/22/2017	7.02	579.38	572.36	11:28
PZ-A	11/22/2017	7.75	579.06	571.31	11:26
PZ-B	11/22/2017	8.34	579.47	571.13	11:26
RDB-3	11/22/2017	4.97	579.31	574.34	11:11
RDB-5	11/22/2017	4.37	578.57	574.20	11:14
RW-11	11/22/2017	17.67	578.78	561.11	11:22
RW-4	11/22/2017	25.17	581.52	556.35	12:13
RW-5	11/22/2017	18.19	578.88	560.69	11:49
RW-8	11/22/2017	32.11	585.52	553.41	11:33
RW-9	11/22/2017	22.18	575.13	552.95	12:43
TRW-6	11/22/2017	7.25	580.21	572.96	11:32
TRW-7	11/22/2017	5.74	577.89	572.15	11:13

APPENDIX B

CHEMOOURS NECCO PARK
GWTF PROCESS SAMPLING RESULTS
FOURTH QUARTER 2017

Appendix B
Summary of Analytical Results
Chemours Necco Park
Fourth Quarter 2017

Method	CAS #	Parameter	Location Date Units	BC-INFLUENT 11/15/2017 FS	DEF-INFLUENT 11/15/2017 FS	COMB-EFFLUENT 11/15/2017 FS	TRIP BLANK 11/15/2017 TB
		Field Parameters					
		COLOR	NONE	Gray	Clear	Clear	-
		ODOR	NONE	None	None	None	-
		OXIDATION REDUCTION POTENTIAL	MV	-39	-46	-102	-
		PH	STD UNITS	5.64	6.69	6.88	-
		SPECIFIC CONDUCTANCE	UMHOS/CM	7385	4650	3738	-
		TEMPERATURE	DEGREES C	13.1	12.4	12.1	-
		TURBIDITY QUANTITATIVE	NTU	29.7	4.02	13.94	-
		Volatile Organics					
8260C	79-34-5	1,1,2,2-Tetrachloroethane	UG/L	3900	1100	890	<0.32
8260C	79-00-5	1,1,2-Trichloroethane	UG/L	2900	2200	410	<0.34
8260C	75-35-4	1,1-Dichloroethene	UG/L	430 J	320 J	<11	<0.27
8260C	107-06-2	1,2-Dichloroethane	UG/L	590 J	180 J	26 J	<0.3
8260C	56-23-5	Carbon Tetrachloride	UG/L	7800	930	<14	<0.35
8260C	67-66-3	Chloroform	UG/L	18000	2800	110	<0.31
8260C	156-59-2	cis-1,2 Dichloroethene	UG/L	9500	11000	110	<0.3
8260C	75-09-2	Methylene Chloride	UG/L	3800	5000	83	<0.53
8260C	127-18-4	Tetrachloroethene	UG/L	10000	910	20 J	<0.3
8260C	156-60-5	trans-1,2-Dichloroethene	UG/L	450 J	690	<12	<0.29
8260C	79-01-6	Trichloroethene	UG/L	15000	4800	41	<0.33
8260C	75-01-4	Vinyl Chloride	UG/L	2700	1900	<18	<0.45
		Total VOCs	UG/L	75070	31830	1690	0

< Not detected at stated reporting limit

J Estimated concentration

2017 4Q Necco Quarterly crosstab_.xlsx

ATTACHMENT 1

**CHEMOURS NECCO PARK
NECCO PARK
4Q17 WATER LEVELS**

(ELECTRONIC FORMAT ONLY)