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November 29, 2017

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 THIRD QUARTER 2017 DATA PACKAGE

Enclosed are two copies of the *Third Quarter 2017 (3Q17) 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 3Q17 monitoring summary for dense non-aqueous phase liquid (DNAPL).

Pumping system uptime for 3Q17 was 86.0 percent. The total volume of groundwater treated during 3Q17 was 3,632,509 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

Paul F. Mazierski
Project Director

Enc. 3Q2017 Data Package

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

SOURCE AREA HYDRAULIC CONTROL SYSTEM
THIRD QUARTER 2017
GROUNDWATER MONITORING DATA PACKAGE
CHEMOURS NECCO PARK
NIAGARA FALLS, NIAGARA COUNTY, NEW YORK

EPA ID No. NYD980532162

Prepared For:

THE CHEMOURS 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

November 2017

TABLE OF CONTENTS

SECTION 1

DATA PACKAGE SUMMARY

1.1 INTRODUCTION

This data package presents a summary of operating and monitoring data collected during the third quarter of 2017 (3Q17) 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 49th 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 (GWTF). 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 3Q17:

	HCS Uptime (%)	Groundwater Treated (gallons)	DNAPL Removed (gallons)
July	91.5%	1,287,350	0
August	84.0%	1,200,272	0
September	82.5%	1,144,887	0
3Q17 Total	**86.0%**	**3,632,509**	**0**

System downtime is categorized into two groups: HCS downtime and individual recovery well downtime. Both categories are further grouped into unscheduled and scheduled downtime. In 3Q17 there were two unscheduled and no scheduled HCS downtimes greater than 48 hours. Wells RW-4, RW-5, RW-8, RW-9, and RW-11 were down between September 12 and 14 for approximately 59.4 hours due to the failure of the effluent pump. Wells RW-4, 5, and 11 were down between September 1 and 5 for approximately 102 hours due to the failure of a pH sensor. There were two unscheduled individual well downtimes during the quarter that were greater than 48 hours. RW-5 was down for approximately 130 hours from June 30 through July 5 and for approximately 69 hours from July 28 to July 31, both times because of pump failure. There was no scheduled well downtime during the quarter that was greater than 48 hours.

Table 1 provides a summary of well downtime for the quarter. Table 2 provides a historical operations summary by quarter since HCS operations began.

Monthly DNAPL monitoring was completed July 19, August 25, and September 28 during 3Q17. 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 3Q17 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 August 1, 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 3Q17 sewer discharge samples were collected on September 28, 2017 (following NFWB quarterly calendar). There were no permit limit exceedances in 3Q17. The results indicate that the GWTF continued operating within normal parameters during 3Q17.

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 3Q17
Chemours Necco Park

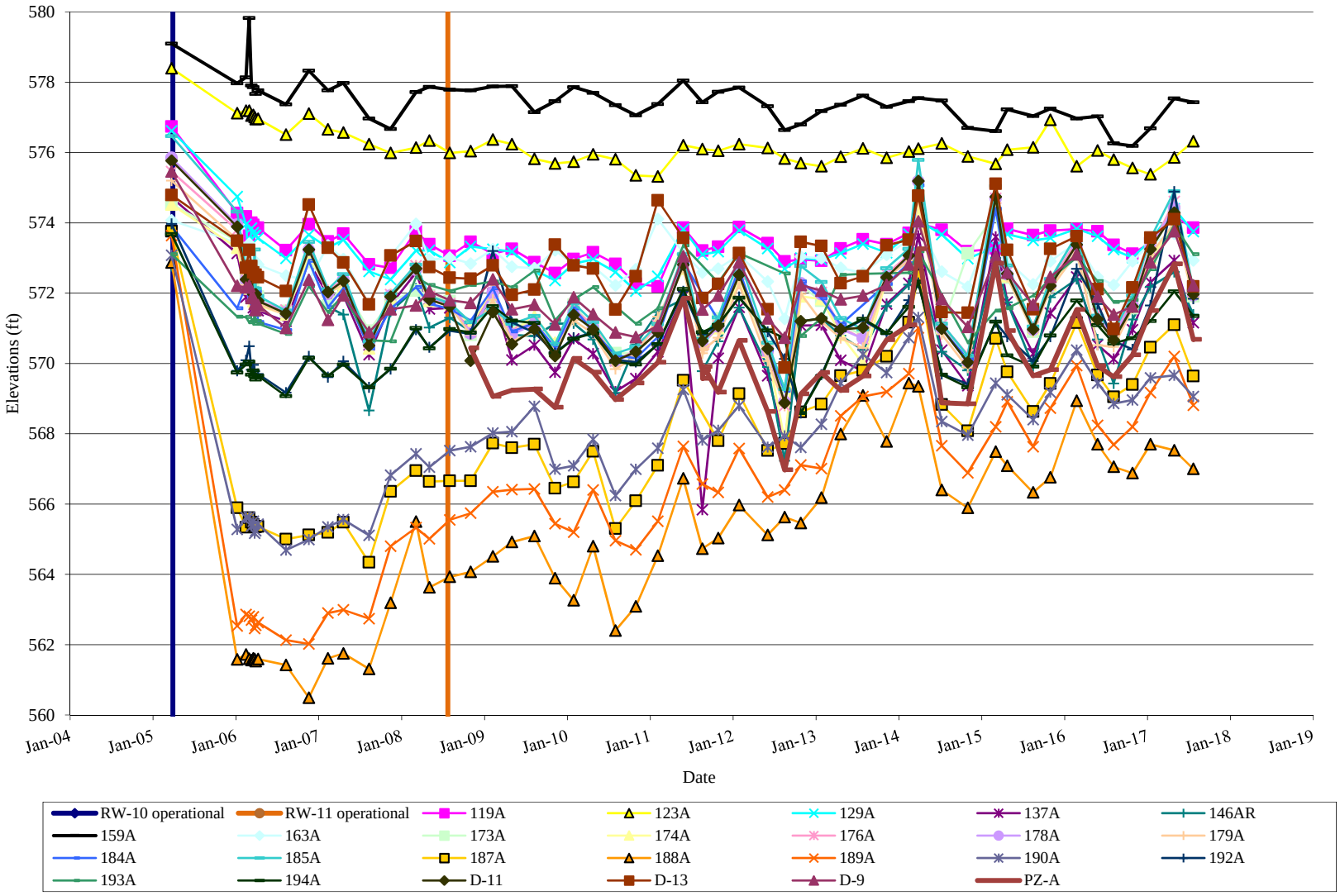
	Well ID	Date(s)	Length of Shutdown (hours)	Reason for Shutdown	Remarks
July	RW-5	June30 through July 5	130	Pump failure.	
	RW-5	July 28 through July 31	69	Pump failure.	
August					No wells were down for greater than 48 hours in August 2017.
September	RW-4, 5, and 11	September 1 through September 5	102	pH sensor failure.	
	RW-4, 5, 8, 9, and 11	September 12 through September 14	59.4	Effluent pump failure.	

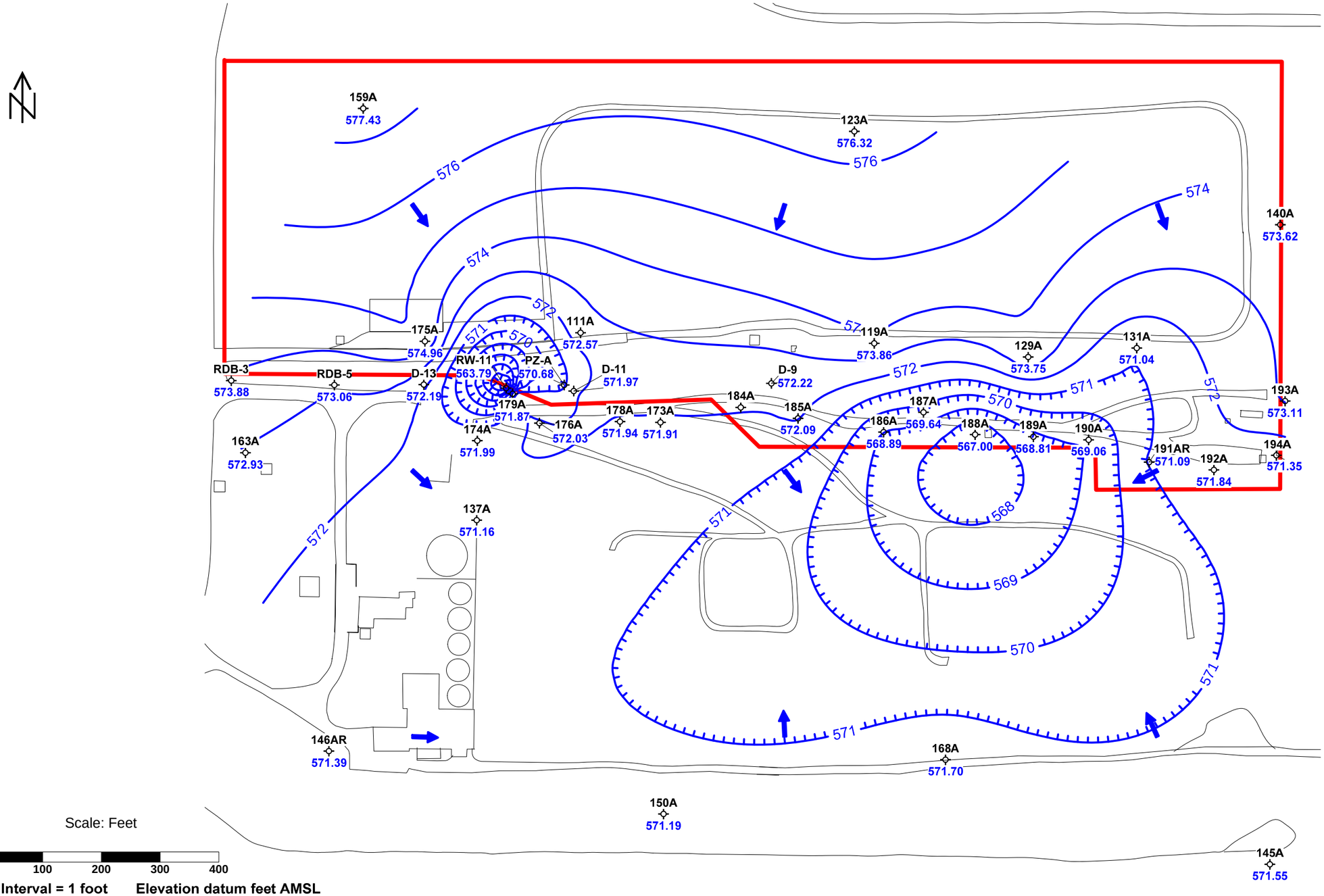
Table 2
Historical HCS Operational Summary - 2Q17
Chemours Necco Park

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
TOTALS	**---**	**---**	**170,136,082**	**1,402**
AVERAGE	**90.0**	**93.6**	**---**	**---**

FIGURES

Figure 1
Select A-Zone Monitoring Wells
Groundwater Elevations 2005 Through 3rd Quarter 2017
Chemours Necco Park





Scale: Feet

0 100 200 300 400

Contour Interval = 1 foot **Elevation datum feet AMSL**

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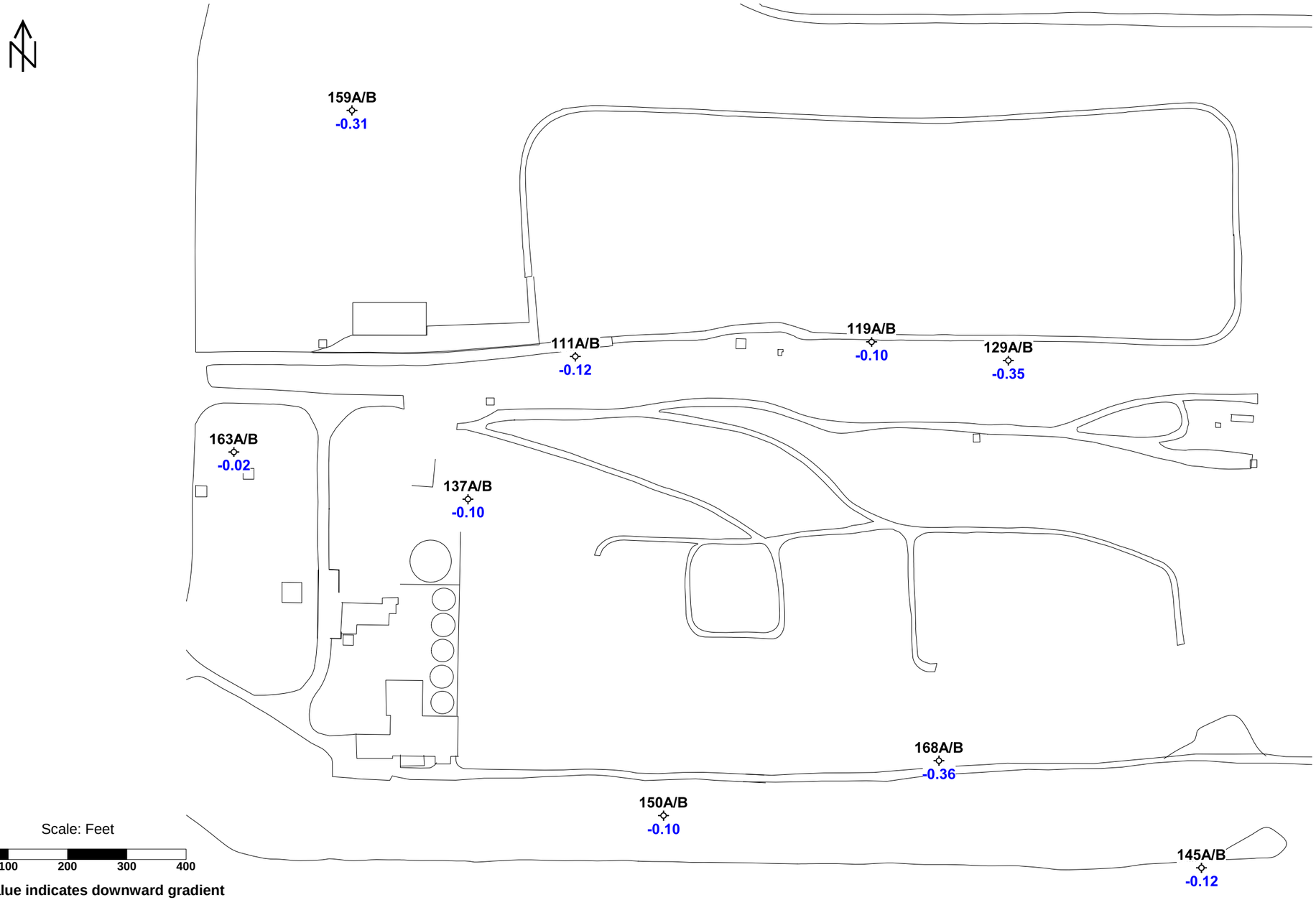
Project Manager: EAF	Date: 10-13-17
Job number: 450326.02020	

LEGEND

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

Figure 2
Potentiometric Surface Map
Chemours Necco Park: A-Zone
August 3, 2017

//nybuf03fs01/Dupont$/Necco/HydroGeo/Hydro/GW_contours/2017-08-03 NEC Contour Tool/2017-08-03 - A PZ - F2.srf



Negative value indicates downward gradient

Elevation datum feet AMSL

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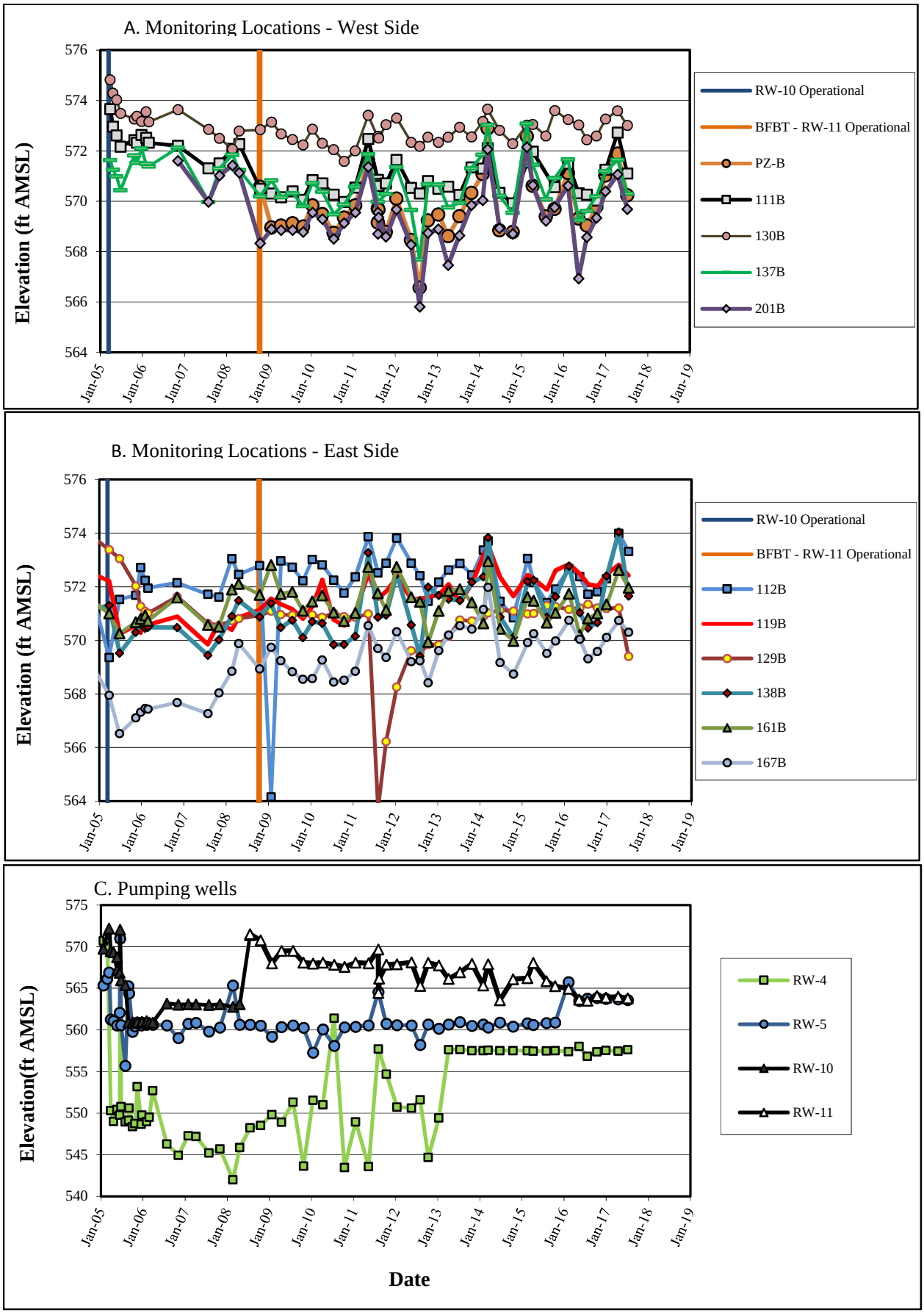
LEGEND

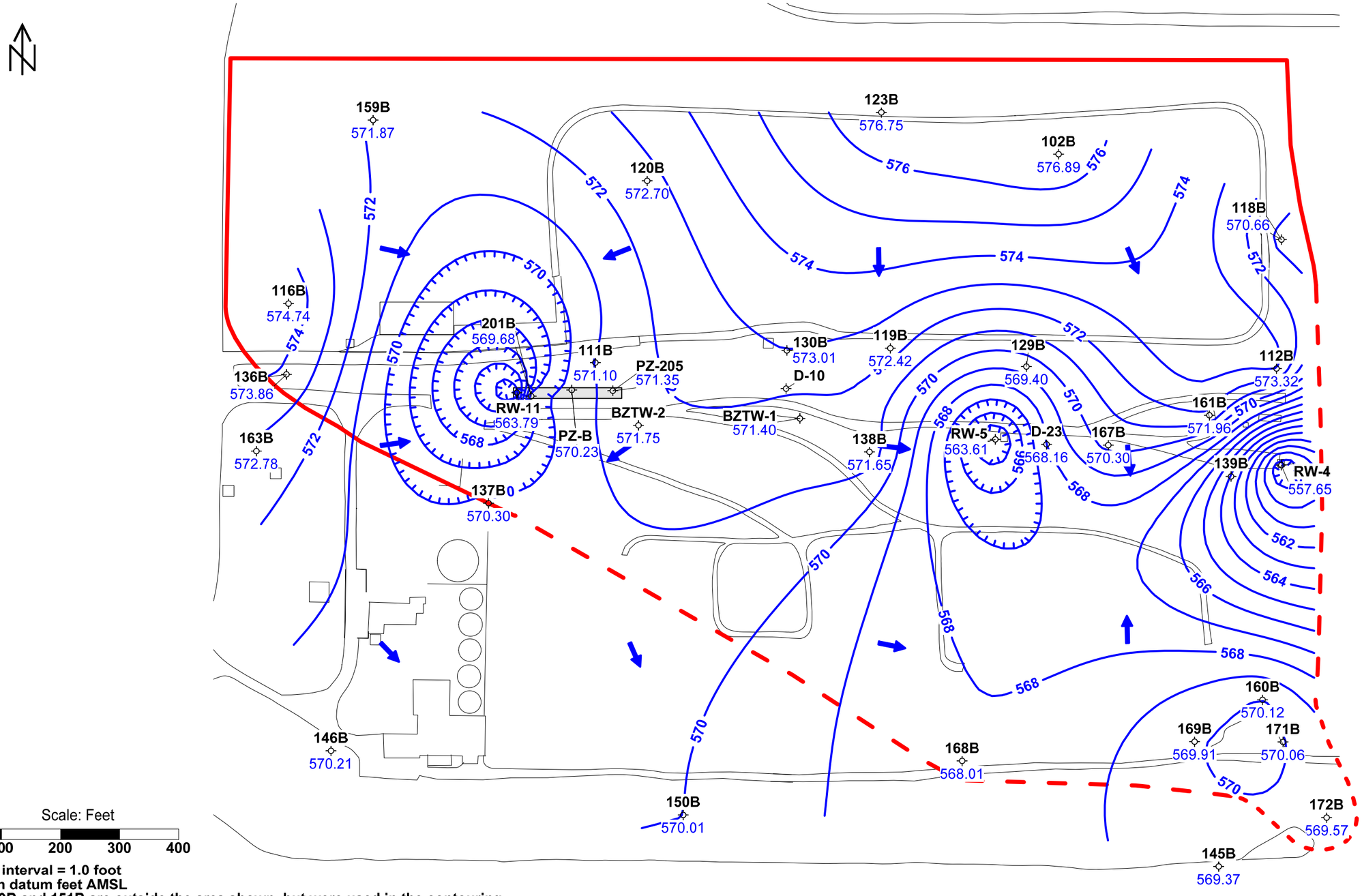
150A/B	Well ID	Structure	-0.10 Vertical Hydraulic Gradient
Monitoring Well		Road	
Pumping Well			

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

//nybuf03fs01/Dupont$/Necco/HydroGeo/Hydro/GW_contours/2017-08-03 NEC Contour Tool/2017-08-03 - ABvgrad - F3.srf

Figure 4
Select B-Zone Monitoring Wells
Groundwater Elevations 2005 through 3rd Quarter 2017
Chemours Necco Park





Scale: Feet

0 100 200 300 400

Contour interval = 1.0 foot
Elevation datum feet AMSL
Wells 149B and 151B are outside the area shown, but were used in the contouring.
Wells 170B, D-10, 139B, TRW-6, and TRW-7 were not used in the contouring.

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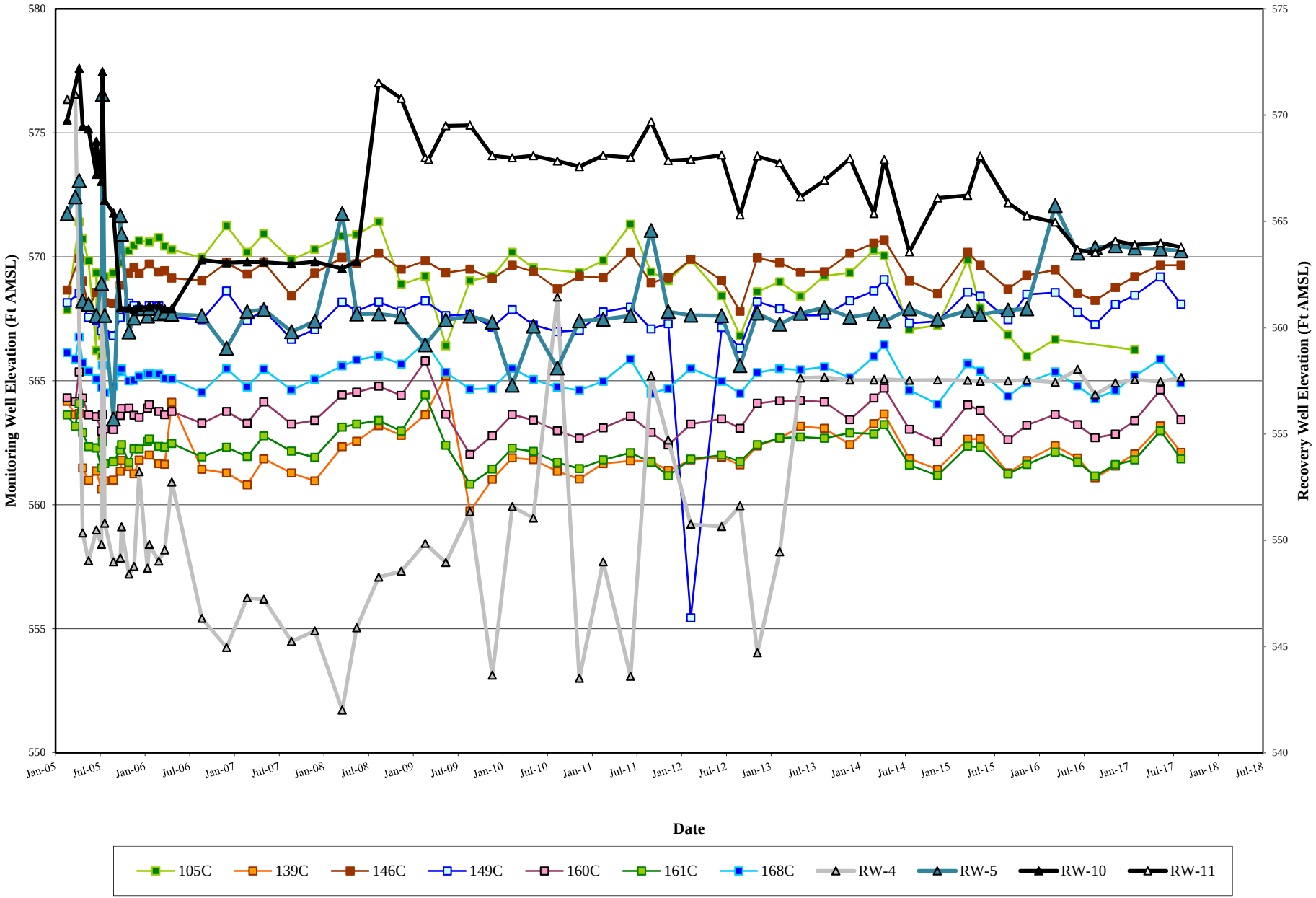
LEGEND

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

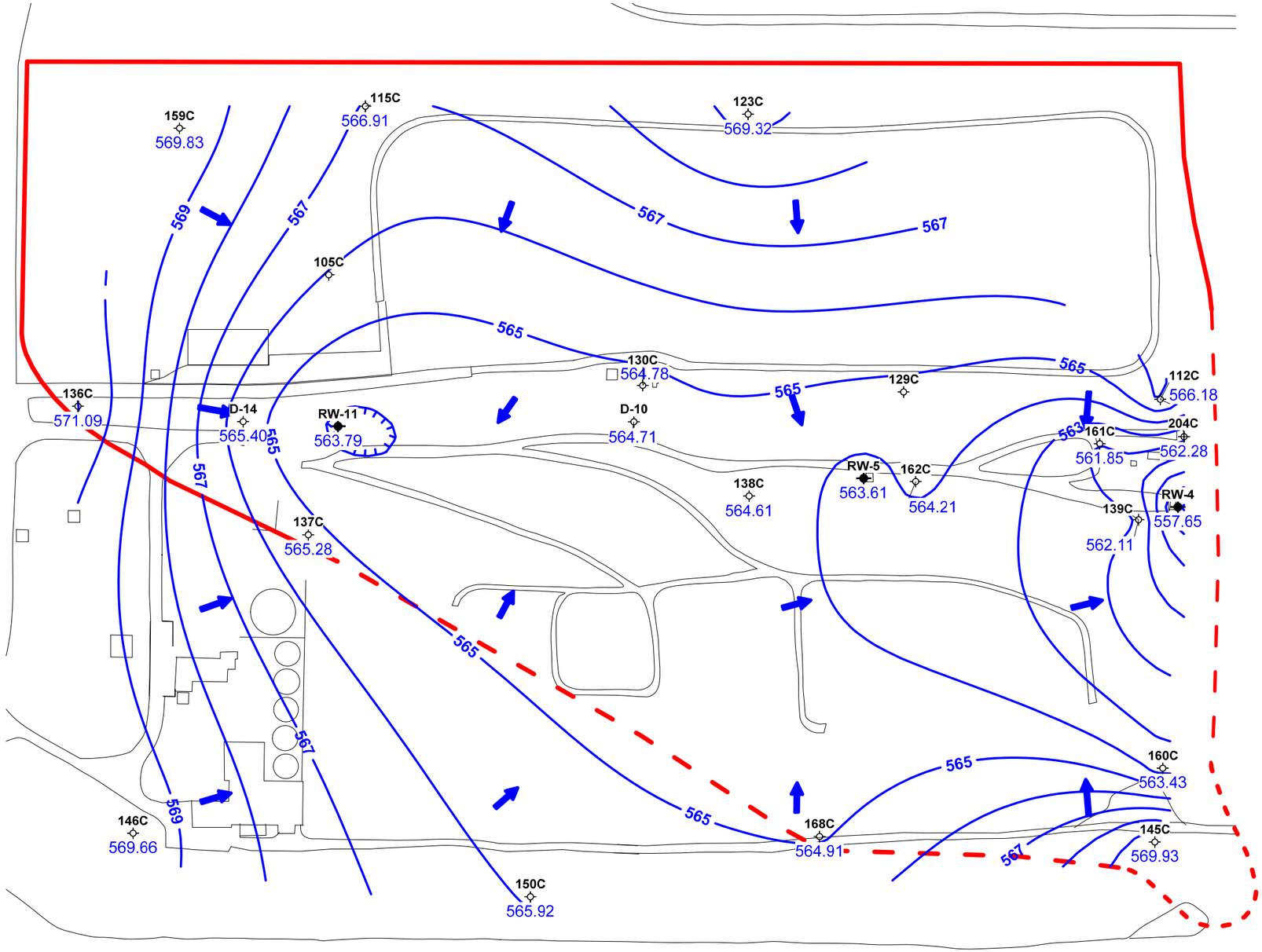
Figure 5
Potentiometric Surface Map
Chemours Necco Park: B-Zone
August 3, 2017

//nybuf03fs01/Dupont$/Necco/HydroGeo/Hydro/GW_contours/2017-08-03 NEC Contour Tool/2017-08-03 - PZ B - F5.srf

Figure 6
Select C-Zone Monitoring Wells
Groundwater Elevations 2005 Through 3rd Quarter 2017
Chemours Necco Park



Necco 2017 C Zone Water Elev Trends.xlsx



Scale: Feet

0 100 200 300 400

Contour interval = 1.0 foot
Elevation datum feet AMSL

Wells 149C and 151C are outside the area shown, but were used in the contouring.
The water level for 129C in August 2017 was erroneously high and was not used in the contouring.

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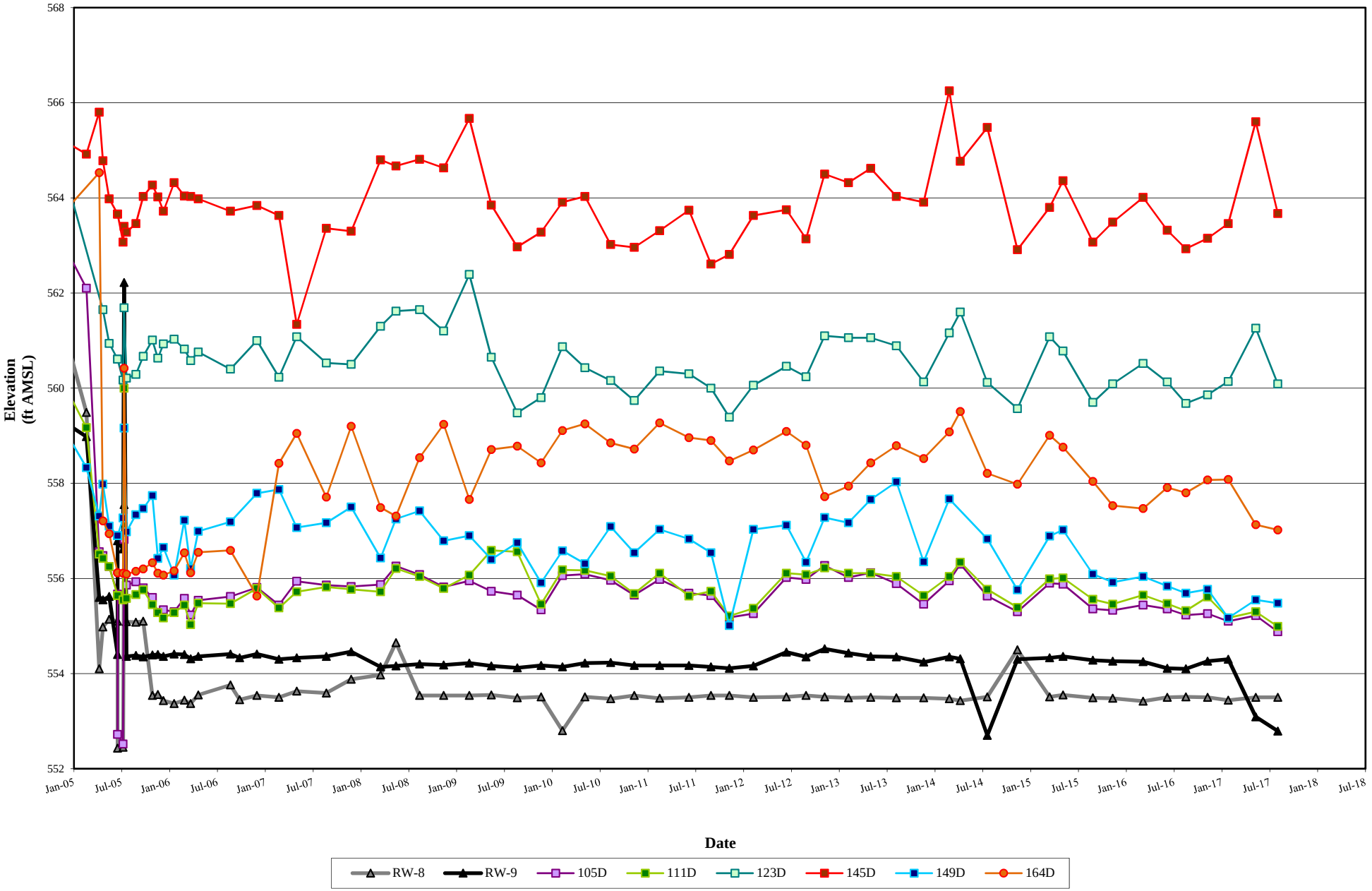
LEGEND

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

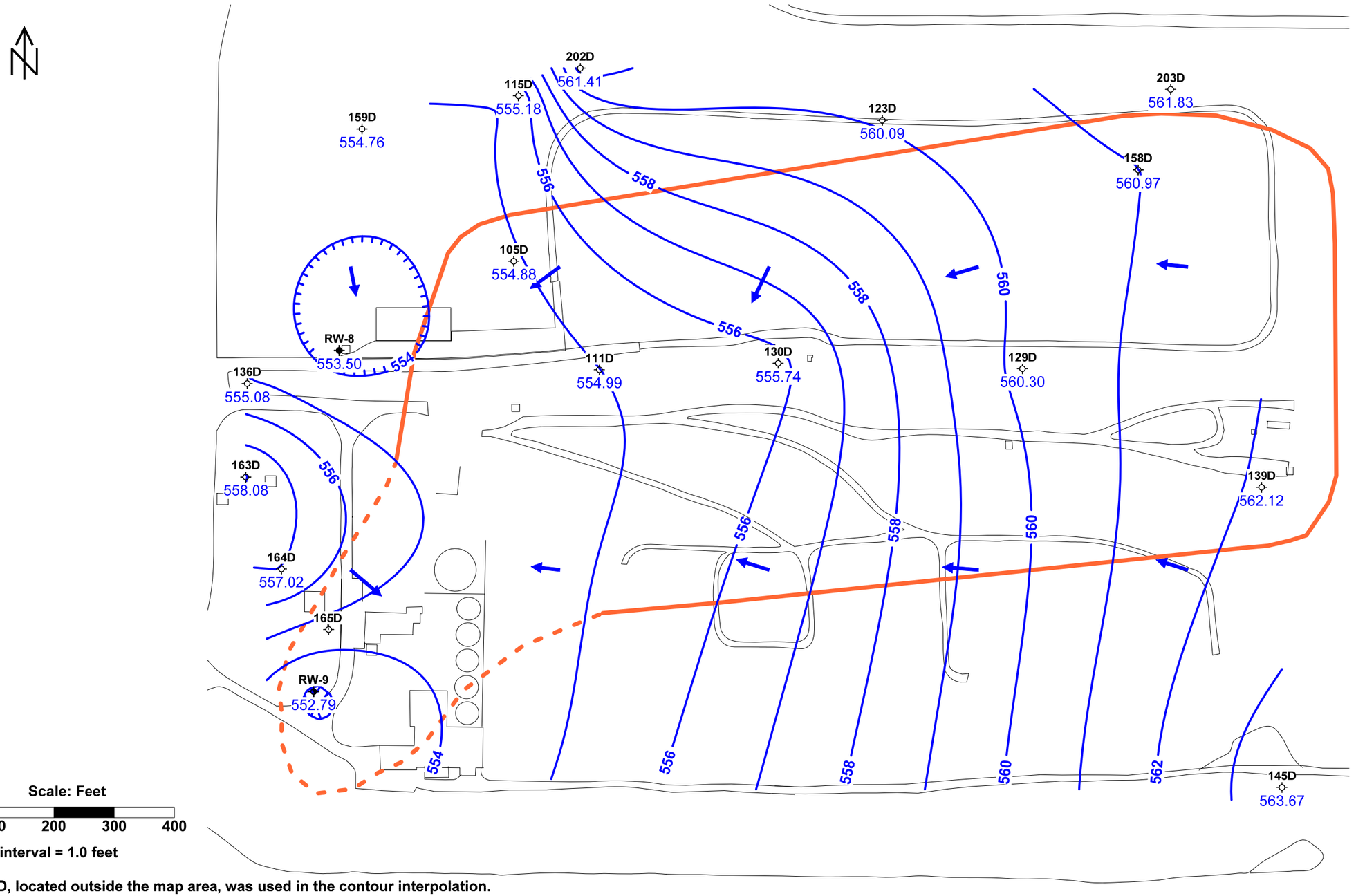
Figure 7
Potentiometric Surface Map
Chemours Necco Park: C-Zone
August 3, 2017

//nybuf03fs01/DupontS/Necco/HydroGeo/Hydro/GW_contours/2017-08-03 NEC Contour Tool/2017-08-03 - PZ C - F7.srf

Figure 8
Select D-Zone Monitoring Wells
Groundwater Elevations 2005 through 3rd Quarter 2017
Chemours Necco Park



Necco 2017 D Zone Water Elev Trends.xlsx



Scale: Feet

0 100 200 300 400

Contour interval = 1.0 feet

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.

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Job number: 450326.02020	

LEGEND

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

Figure 9
Potentiometric Surface Map
Chemours Necco Park: D-Zone
August 3, 2017

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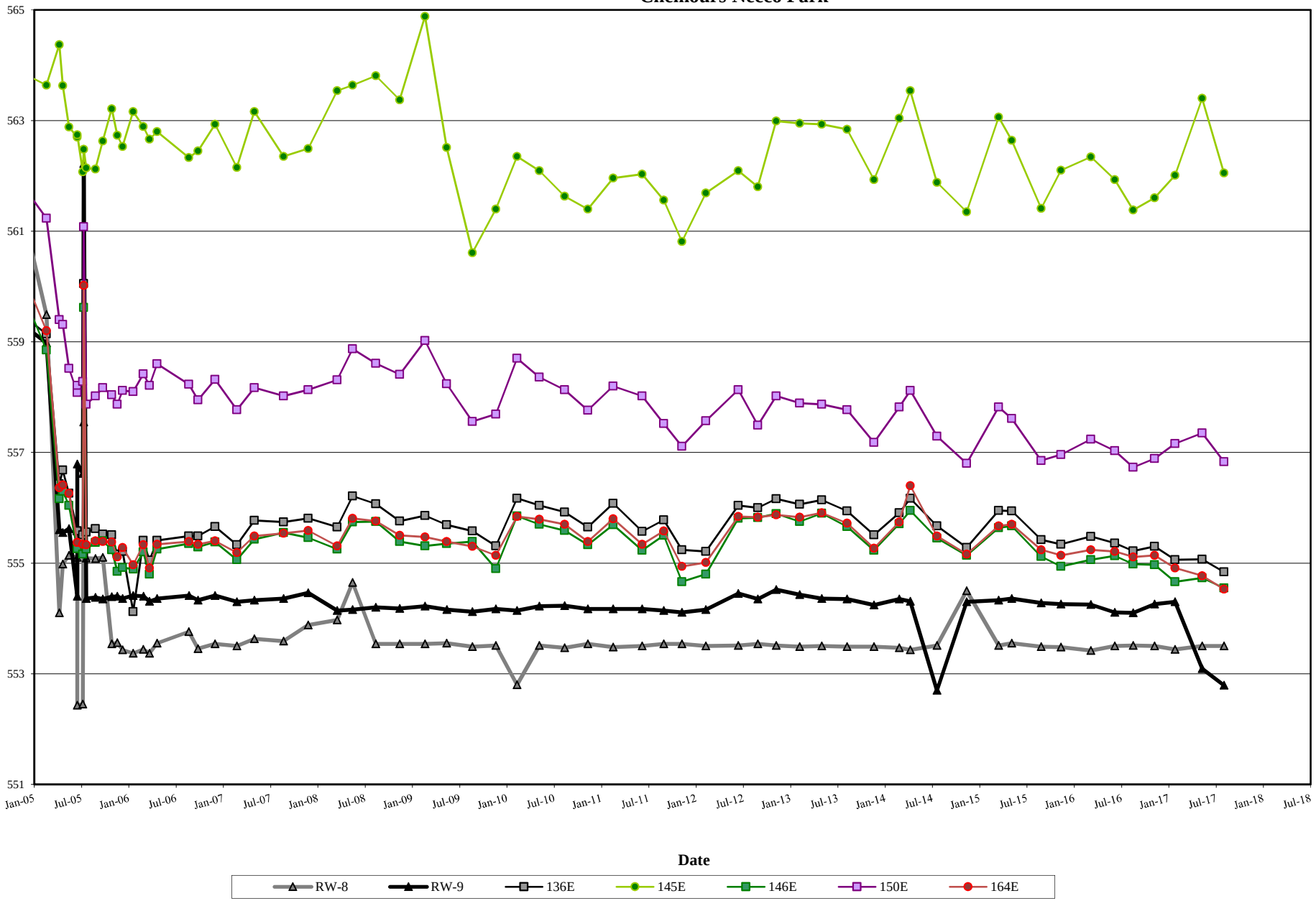
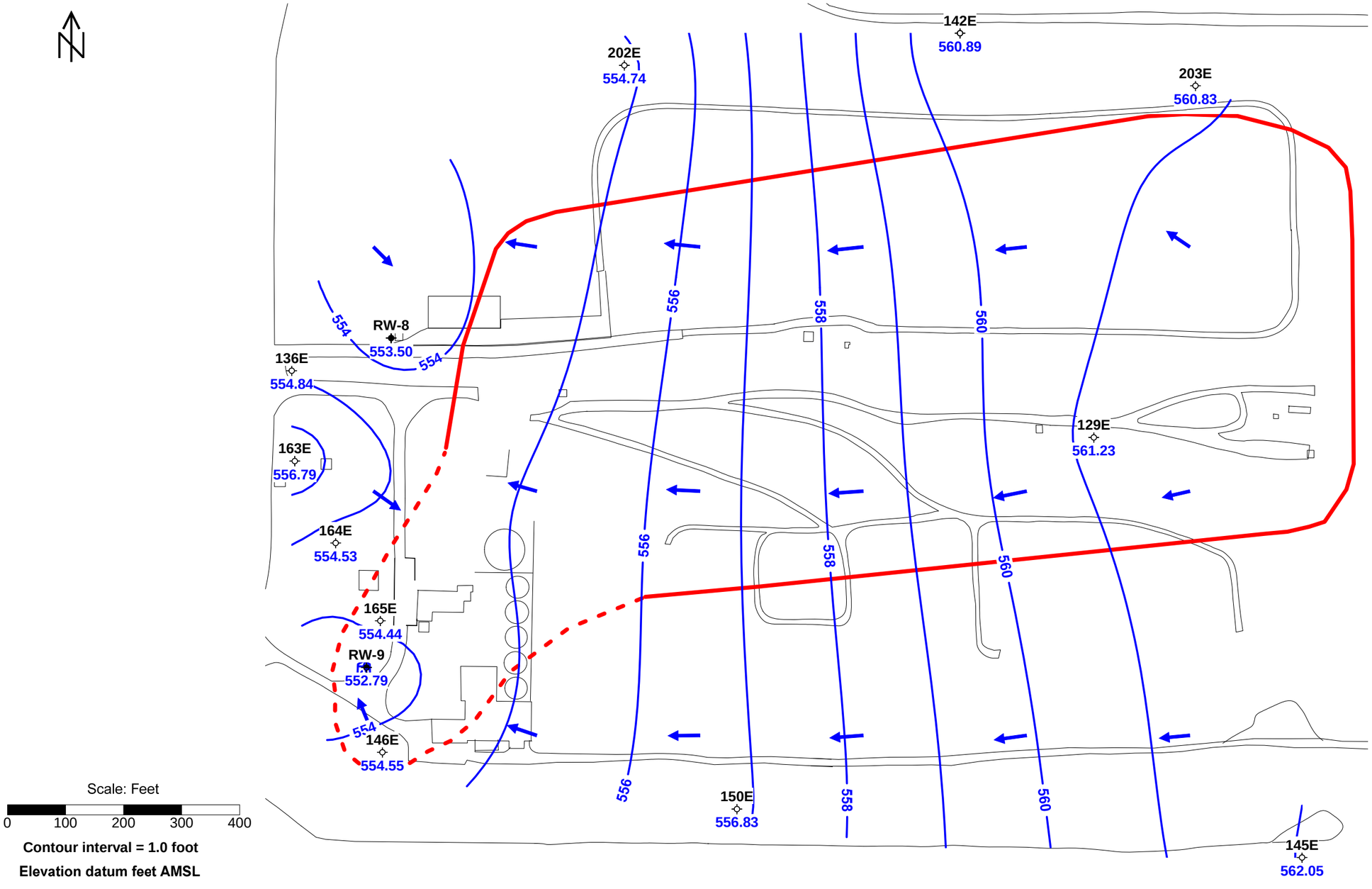
Figure 10
Select E-Zone Monitoring Wells
Groundwater Elevations 2005 Through 3rd Quarter 2017
Chemours Necco Park



Necco 2017 E Zone Water Elev Trends.xlsx



Scale: Feet

0 100 200 300 400

Contour interval = 1.0 foot

Elevation datum feet AMSL

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Project Manager: EAF	Date: 10-13-17
Job number: 450326.02020	

LEGEND

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

Figure 11
Potentiometric Surface Map
Chemours Necco Park: E-Zone
August 3, 2017

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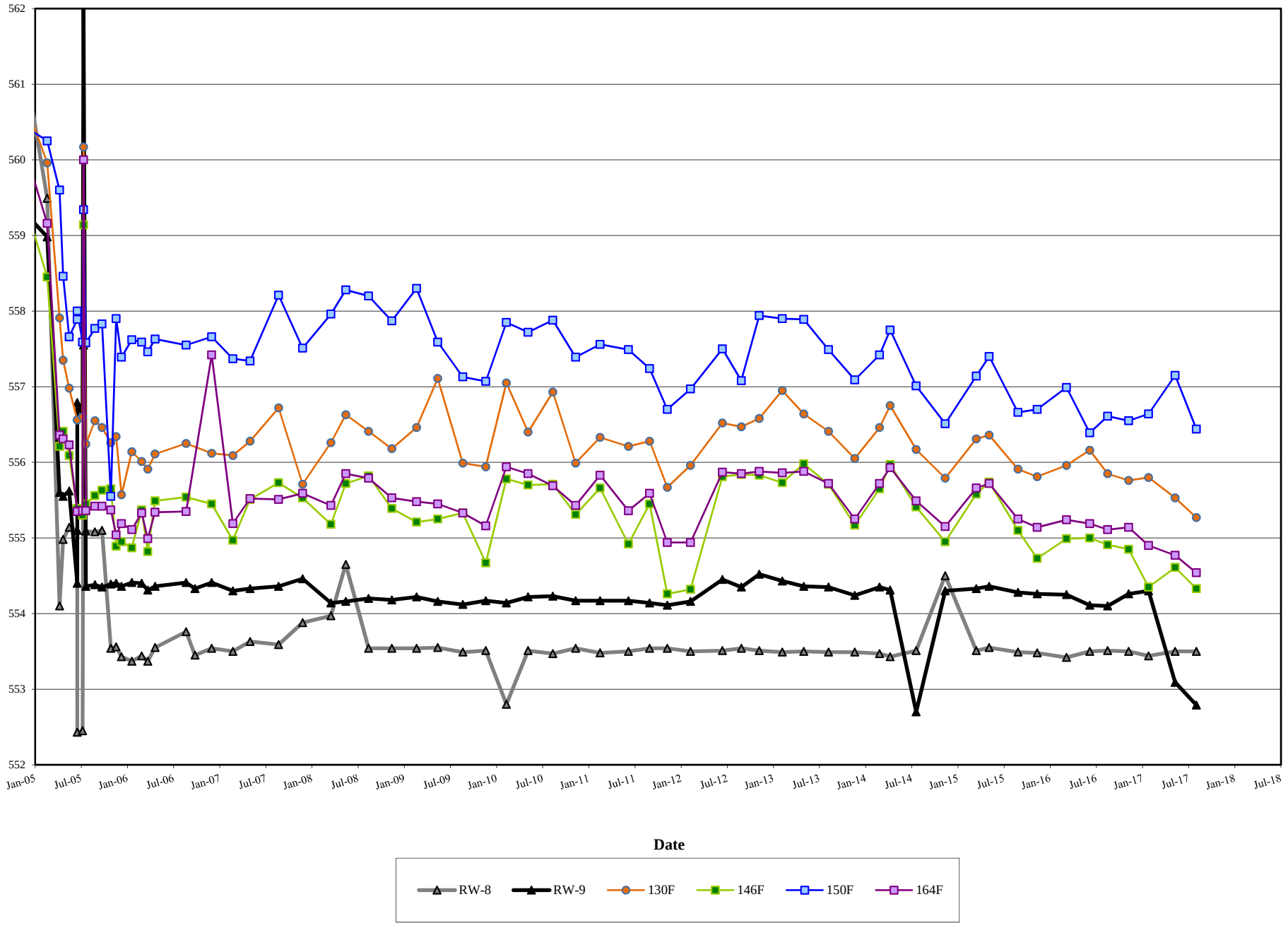
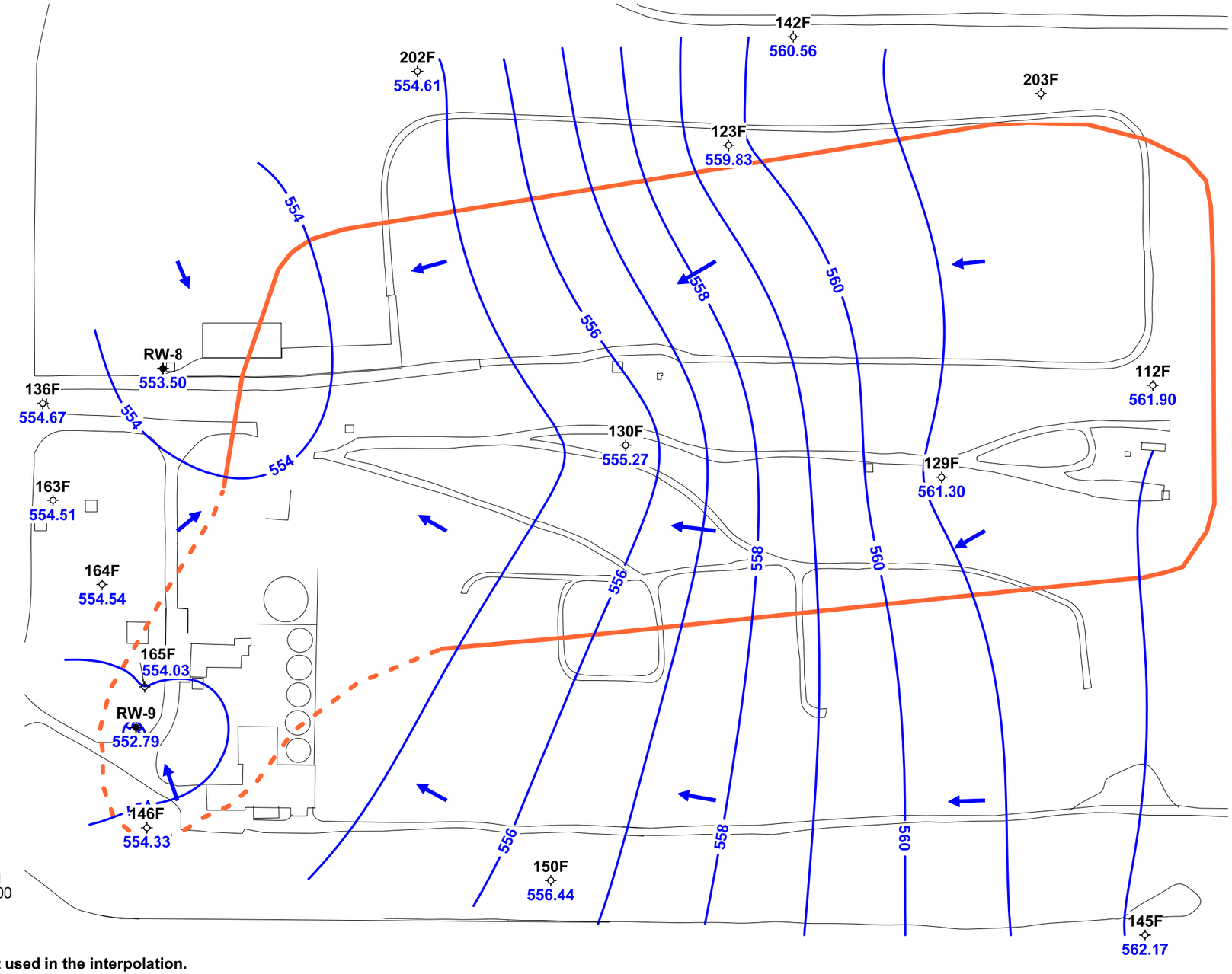
Figure 12
Select F-Zone Monitoring Wells
Groundwater Elevations 2005 Through 3rd Quarter 2017
Chemours Necco Park



Necco 2017 F Zone Water Elev Trends.xlsx



Scale: Feet

0 100 200 300 400

Contour interval = 0.5 foot

Elevation datum feet AMSL

148F located downgradient was not used in the interpolation.

The water level for 203F in August 2017 was erroneously low and was not used in the contour interpolation.

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Job number: 450326.02020	

LEGEND

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

Figure 13
Potentiometric Surface Map
Chemours Necco Park: F-Zone
August 3, 2017

//nybuf03fs01/Dupont$/Necco/HydroGeo/Hydro/GW_contours/2017-08-03 NEC Contour Tool/2017-08-03 - PZ F - F13.srf

APPENDIX A

CHEMOURS NECCO PARK
GROUNDWATER ELEVATION DATA
THIRD QUARTER 2017

APPENDIX A
GROUNDWATER ELEVATION DATA - 3Q17
Chemours Necco Park

Location ID	Date Measurement	Depth to Water	Reference Elevation	Groundwater Elevation	Time Measured
102B	8/3/2017	22.12	599.01	576.89	12:21
105C	8/3/2017	Dry	595.28	Dry	12:55
105D	8/3/2017	39.89	594.77	554.88	12:56
111A	8/3/2017	14.32	586.89	572.57	11:43
111B	8/3/2017	13.84	584.94	571.10	11:45
111D	8/3/2017	29.31	584.30	554.99	11:46
112B	8/3/2017	8.58	581.90	573.32	12:10
112C	8/3/2017	16.75	582.93	566.18	12:10
112F	8/3/2017	21.39	583.29	561.90	12:09
115C	8/3/2017	29.02	595.93	566.91	12:56
115D	8/3/2017	41.44	596.62	555.18	12:57
116B	8/3/2017	15.31	590.05	574.74	11:37
118B	8/3/2017	13.24	583.90	570.66	12:14
119A	8/3/2017	12.48	586.34	573.86	11:55
119B	8/3/2017	14.35	586.77	572.42	11:55
120B	8/3/2017	26.48	599.18	572.70	12:33
123A	8/3/2017	21.61	597.93	576.32	12:27
123B	8/3/2017	19.23	595.98	576.75	12:29
123C	8/3/2017	26.10	595.42	569.32	12:29
123D	8/3/2017	36.42	596.51	560.09	12:28
123F	8/3/2017	38.74	598.57	559.83	12:27
129A	8/3/2017	11.05	584.80	573.75	12:03
129B	8/3/2017	15.84	585.24	569.40	12:00
129C	8/3/2017	11.42	585.68	574.26	12:01
129D	8/3/2017	25.73	586.03	560.30	12:00
129E	8/3/2017	19.65	580.88	561.23	12:01
129F	8/3/2017	20.06	581.36	561.30	12:03
130B	8/3/2017	12.62	585.63	573.01	11:51
130C	8/3/2017	20.73	585.51	564.78	11:51
130D	8/3/2017	29.22	584.96	555.74	11:52
130F	8/3/2017	26.22	581.49	555.27	11:31
131A	8/3/2017	14.39	585.43	571.04	12:06
136B	8/3/2017	7.83	581.69	573.86	11:15
136C	8/3/2017	10.53	581.62	571.09	11:14
136D	8/3/2017	24.60	579.68	555.08	11:13
136E	8/3/2017	24.75	579.59	554.84	11:12
136F	8/3/2017	25.66	580.33	554.67	12:42
136F	8/3/2017	25.73	580.33	554.60	11:10
136G	8/3/2017	20.30	579.76	559.46	12:43
136G	8/3/2017	20.39	579.76	559.37	11:11

APPENDIX A
GROUNDWATER ELEVATION DATA - 3Q17
Chemours Necco Park

Location ID	Date Measurement	Depth to Water	Reference Elevation	Groundwater Elevation	Time Measured
137A	8/3/2017	7.31	578.47	571.16	11:18
137B	8/3/2017	8.01	578.31	570.30	11:17
137C	8/3/2017	13.11	578.39	565.28	11:16
137D	8/3/2017	15.07	579.09	564.02	11:17
138B	8/3/2017	12.33	583.98	571.65	11:49
138C	8/3/2017	22.45	587.06	564.61	11:53
139A	8/3/2017	13.93	585.14	571.21	12:12
139B	8/3/2017	9.05	585.39	576.34	12:14
139C	8/3/2017	23.16	585.27	562.11	12:14
139D	8/3/2017	23.37	585.49	562.12	12:15
140A	8/3/2017	7.93	581.55	573.62	12:16
142E	8/3/2017	25.11	586.00	560.89	12:37
142F	8/3/2017	25.13	585.69	560.56	12:38
145A	8/3/2017	4.29	575.84	571.55	11:33
145B	8/3/2017	6.11	575.48	569.37	11:33
145C	8/3/2017	5.97	575.90	569.93	12:18
145D	8/3/2017	12.38	576.05	563.67	12:18
145E	8/3/2017	13.93	575.98	562.05	11:34
145F	8/3/2017	13.88	576.05	562.17	11:34
146AR	8/3/2017	5.53	576.92	571.39	11:51
146B	8/3/2017	6.69	576.90	570.21	11:52
146C	8/3/2017	6.69	576.35	569.66	11:51
146C	8/3/2017	7.36	576.35	568.99	11:53
146E	8/3/2017	21.53	576.08	554.55	11:53
146F	8/3/2017	21.71	576.04	554.33	11:51
148D	8/3/2017	8.97	579.38	570.41	11:42
148F	8/3/2017	22.60	576.21	553.61	11:43
149B	8/3/2017	3.11	572.87	569.76	11:39
149C	8/3/2017	5.18	573.26	568.08	11:40
149D	8/3/2017	17.38	572.86	555.48	11:40
150A	8/3/2017	4.67	575.86	571.19	11:20
150B	8/3/2017	5.98	575.99	570.01	11:22
150C	8/3/2017	10.21	576.13	565.92	11:23
150E	8/3/2017	19.32	576.15	556.83	11:23
150F	8/3/2017	19.54	575.98	556.44	11:24
151B	8/3/2017	6.50	573.36	566.86	11:41
151C	8/3/2017	4.97	573.18	568.21	11:42
158D	8/3/2017	37.23	598.20	560.97	12:19
159A	8/3/2017	18.73	596.16	577.43	12:52
159A	8/3/2017	24.50	596.16	571.66	12:53

APPENDIX A
GROUNDWATER ELEVATION DATA - 3Q17
Chemours Necco Park

Location ID	Date Measurement	Depth to Water	Reference Elevation	Groundwater Elevation	Time Measured
159B	8/3/2017	24.50	596.37	571.87	12:58
159C	8/3/2017	27.53	597.36	569.83	12:59
159D	8/3/2017	42.91	597.67	554.76	13:00
160B	8/3/2017	12.63	582.75	570.12	12:15
160C	8/3/2017	5.97	582.72	576.75	12:16
160C	8/3/2017	19.29	582.72	563.43	12:15
161B	8/3/2017	10.88	582.84	571.96	12:21
161C	8/3/2017	20.79	582.64	561.85	12:21
162C	8/3/2017	16.79	581.00	564.21	11:59
163A	8/3/2017	5.21	578.14	572.93	11:30
163B	8/3/2017	5.16	577.94	572.78	11:30
163D	8/3/2017	20.74	578.82	558.08	11:28
163E	8/3/2017	22.27	579.06	556.79	11:28
163F	8/3/2017	24.25	578.76	554.51	11:29
164D	8/3/2017	20.40	577.42	557.02	11:24
164E	8/3/2017	22.79	577.32	554.53	11:24
164F	8/3/2017	22.73	577.27	554.54	11:23
165D	8/3/2017	13.79	577.52	563.73	13:01
165E	8/3/2017	23.12	577.56	554.44	13:02
165F	8/3/2017	23.69	577.72	554.03	13:02
167B	8/3/2017	10.63	580.93	570.30	12:06
168A	8/3/2017	7.02	578.72	571.70	12:01
168B	8/3/2017	10.89	578.90	568.01	12:01
168C	8/3/2017	14.30	579.21	564.91	12:01
169B	8/3/2017	10.52	580.43	569.91	12:13
170B	8/3/2017	10.40	579.10	568.70	12:13
171B	8/3/2017	9.48	579.54	570.06	12:14
172B	8/3/2017	7.38	576.95	569.57	11:35
173A	8/3/2017	8.80	580.71	571.91	11:29
174A	8/3/2017	5.63	577.62	571.99	11:14
175A	8/3/2017	11.85	586.81	574.96	11:40
176A	8/3/2017	8.00	580.03	572.03	11:22
178A	8/3/2017	7.98	579.92	571.94	11:27
179A	8/3/2017	7.14	579.01	571.87	11:20
184A	8/3/2017	NM	579.88	NM	12:53
185A	8/3/2017	8.75	580.84	572.09	11:47
186A	8/3/2017	10.87	579.76	568.89	11:55
187A	8/3/2017	10.30	579.94	569.64	11:56
188A	8/3/2017	13.91	580.91	567.00	11:57
189A	8/3/2017	11.01	579.82	568.81	11:59

APPENDIX A
GROUNDWATER ELEVATION DATA - 3Q17
Chemours Necco Park

Location ID	Date Measurement	Depth to Water	Reference Elevation	Groundwater Elevation	Time Measured
190A	8/3/2017	11.52	580.58	569.06	12:04
191AR	8/3/2017	9.53	580.62	571.09	12:07
192A	8/3/2017	12.24	584.08	571.84	12:13
193A	8/3/2017	11.02	584.13	573.11	12:18
194A	8/3/2017	13.00	584.35	571.35	12:17
201B	8/3/2017	9.57	579.25	569.68	11:21
202D	8/3/2017	31.32	592.73	561.41	12:56
202E	8/3/2017	37.99	592.73	554.74	12:57
202F	8/3/2017	38.12	592.73	554.61	12:58
203D	8/3/2017	32.02	593.85	561.83	12:50
203E	8/3/2017	33.02	593.85	560.83	12:51
203F	8/3/2017	51.65	593.85	542.20	12:52
204C	8/3/2017	19.49	581.77	562.28	12:19
BZTW-1	8/3/2017	8.27	579.67	571.40	11:34
BZTW-2	8/3/2017	7.63	579.38	571.75	11:27
BZTW-4	8/3/2017	4.84	578.18	573.34	11:20
D-10	8/3/2017	15.31	580.02	564.71	11:33
D-11	8/3/2017	6.10	578.07	571.97	11:25
D-13	8/3/2017	6.88	579.07	572.19	11:11
D-14	8/3/2017	13.61	579.01	565.40	11:11
D-23	8/3/2017	12.45	580.61	568.16	12:00
D-9	8/3/2017	7.93	580.15	572.22	11:33
PZ-205B	8/3/2017	8.03	579.38	571.35	11:26
PZ-A	8/3/2017	8.38	579.06	570.68	11:24
PZ-B	8/3/2017	9.24	579.47	570.23	11:23
RDB-3	8/3/2017	5.43	579.31	573.88	11:16
RDB-5	8/3/2017	5.51	578.57	573.06	11:19
RW-11	8/3/2017	14.99	578.78	563.79	11:21
RW-4	8/3/2017	23.87	581.52	557.65	12:17
RW-5	8/3/2017	15.27	578.88	563.61	12:26
RW-8	8/3/2017	32.02	585.52	553.50	11:39
RW-9	8/3/2017	22.34	575.13	552.79	13:03
TRW-6	8/3/2017	8.72	580.21	571.49	11:29
TRW-7	8/3/2017	6.83	577.89	571.06	11:14

NM - Not measured because of bees nests

APPENDIX B

CHEMOURS NECCO PARK
GWTF PROCESS SAMPLING RESULTS
THIRD QUARTER 2017

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

Method	CAS #	Parameter	Report Units	BC-INFLUENT 8/1/2017 FS	DEF-INFLUENT 8/1/2017 FS	COMB-EFFLUENT 8/1/2017 FS	TRIP BLANK 8/1/2017 TB
		Field Parameters					
		COLOR	NONE	Turbid	None	Cloudy	N/A
		ODOR	NONE	None	Sl.odor	Slight	N/A
		OXIDATION REDUCTION POTENTIAL	MV	-32	-170	-102	N/A
		PH	STD UNITS	5.8	6.72	6.95	N/A
		SPECIFIC CONDUCTANCE	UMHOS/CM	6429	3864	4697	N/A
		TEMPERATURE	DEGREES C	17.3	13.9	18.8	N/A
		TURBIDITY QUANTITATIVE	NTU	69.8	19.4	51.5	N/A
		Volatile Organics					
8260C	79-34-5	1,1,2,2-Tetrachloroethane	UG/L	3200	990	670	<0.32
8260C	79-00-5	1,1,2-Trichloroethane	UG/L	2300	2000	400	<0.34
8260C	75-35-4	1,1-Dichloroethene	UG/L	350	300	<5.4	<0.27
8260C	107-06-2	1,2-Dichloroethane	UG/L	510	140 J	27	<0.3
8260C	56-23-5	Carbon Tetrachloride	UG/L	5900	900	<7	<0.35
8260C	67-66-3	Chloroform	UG/L	14000	2300	110	<0.31
8260C	156-59-2	cis-1,2 Dichloroethene	UG/L	8700	10000	160	<0.3
8260C	75-09-2	Methylene Chloride	UG/L	3200	4400	130	<0.53
8260C	127-18-4	Tetrachloroethene	UG/L	7900	690	12 J	<0.3
8260C	156-60-5	trans-1,2-Dichloroethene	UG/L	370	690	<5.8	<0.29
8260C	79-01-6	Trichloroethene	UG/L	12000	4100	37	<0.33
8260C	75-01-4	Vinyl Chloride	UG/L	2200	1700	<9	<0.45
		Total VOCs	UG/L	60630	28210	1546	0

< Not detected at stated reporting limit
J Estimated concentration
N/A Not sampled for parameter

ATTACHMENT 1

CHEMOURS NECCO PARK
NECCO PARK
3Q17 WATER LEVELS

(ELECTRONIC FORMAT ONLY)