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August 30, 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 SECOND QUARTER 2018 DATA PACKAGE

Enclosed is the *Second Quarter 2018 (2Q18) 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 2Q18 monitoring summary for dense non-aqueous phase liquid (DNAPL).

Pumping system uptime for 2Q18 was 80.8 percent. The total volume of groundwater treated during 2Q18 was 3,314,346 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. 2Q2018 Data Package

cc: Stanley Radon/NYSDEC
E. Felter/Parsons

SOURCE AREA HYDRAULIC CONTROL SYSTEM
SECOND QUARTER 2018
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

August 2018

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 second quarter of 2018 (2Q18) 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 52nd 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 2Q18:

	HCS Uptime (%)	Groundwater Treated (gallons)	DNAPL Removed (gallons)
April	91.1%	1,331,078	0
May	63.1%	894,330	0
June	88.2%	1,088,938	0
2Q18 Total	**80.8%**	**3,314,346**	**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 two scheduled and one unscheduled HCS shutdown events in the quarter. The two HCS scheduled shutdowns included tank cleaning and visual inspection completed between May 14 and 22 (213 hours downtime) and stack cleaning and inspection between June 5 and 9 (73 hours downtime). The unscheduled shutdown was the result of a power failure shutting down all of the wells May 5 through 7 (63 hours downtime).

There was one unscheduled individual well shutdown during the quarter: RW-9 was down 60.6 hours between April 1 and 3 as a result of a level probe malfunction. There was one scheduled individual well downtime during the quarter: Well RW-5 was shut down for well rehabilitation between April 16 through 19 (66 hours downtime). 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 and semiannual DNAPL locations were monitored on April 27. Monthly locations were also monitored on May 30, and June 29. No recoverable DNAPL was observed during the monitoring for this quarter, as such, no DNAPL was removed.

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 2Q18 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 May 30, 2018 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 2Q18 sewer discharge samples were collected on April 13, 2018 (following NFWB quarterly calendar). There were no permit limit exceedances in 2Q18. The results indicate that the GWTF continued operating within normal parameters during 2Q18.

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 2Q18
Chemours Necco Park

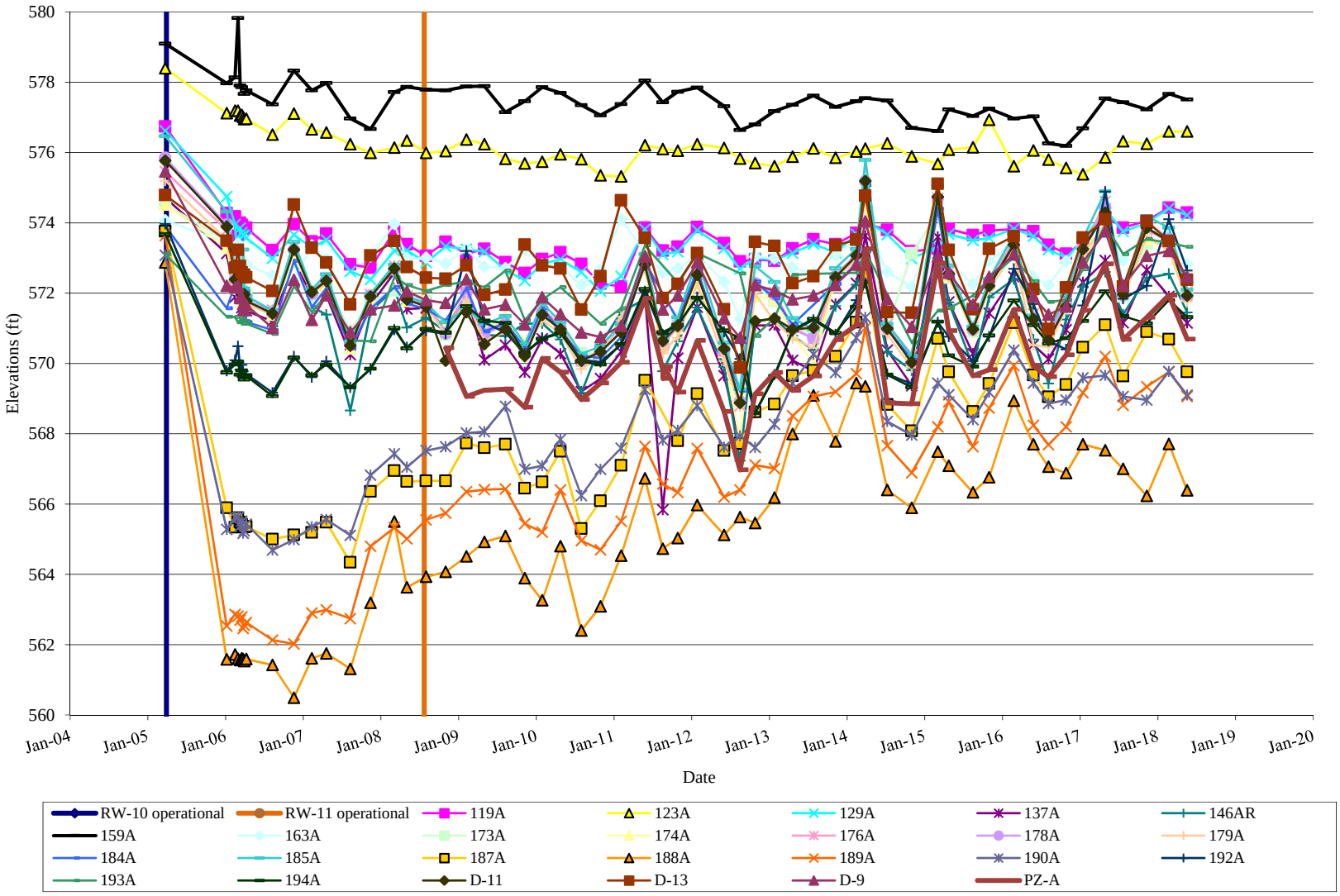
	Well ID	Date(s)	Length of Shutdown (hours)	Reason for Shutdown	Remarks
April	RW-9	April 1 through April 3	60.6	Level probe malfunction	
	RW-5	April 16 through April 19	66	Well rehabilitation	
May	RW-4, 5, 8, 9, and 11	May 5 through May 7	63	Power failure	
	RW-4, 5, 8, 9, and 11	May 14 through May 22	213	Tank cleaning and visual inspection	
June	RW-5	June 4 through June 9	91	Failure of RW-5 pump followed by stack cleaning and inspection	
	RW-4, 8, 9, and 11	June 5 through June 9	73	Stack cleaning and inspection	

Table 2
Historical HCS Operational Summary - 2Q18
Chemours Necco Park

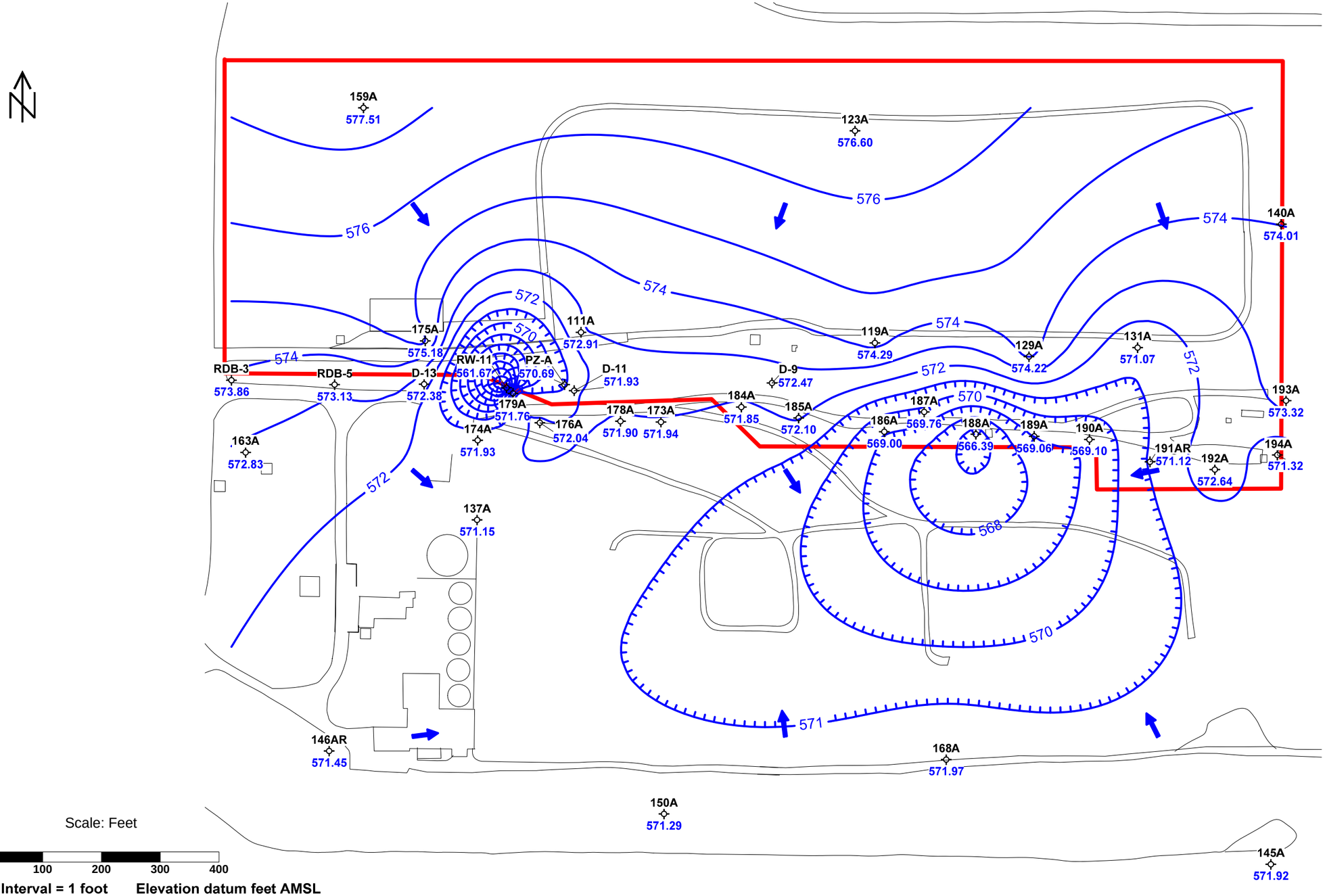
Reporting Period	HCS Uptime (%)	HCS Uptime Excluding Scheduled Maintenance Downtime (%)	Groundwater Treated (Gallons)	DNAPL Removed (Gallons)
2005	93.4	95.2	9,692,689	103.5
2006	94.2	95.6	12,345,079	151
2007	92.1	92.5	11,715,133	153
2008	84.0	85.4	12,244,847	512
2009	93.7	93.9	16,292,130	0
2010	92.3	99.4	13,774,768	90
2011	90.6	93.7	13,165,588	130
2012	92.9	93.1	15,227,779	72
2013	90.9	90.9	15,633,293	122
2014	94.4	94.4	14,424,850	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
1Q18	93.8	93.8	3,894,096	0
2Q18	80.8	96.9	3,314,346	0
TOTALS	**---**	**---**	**180,282,297**	**1,402**
AVERAGE	**86.8**	**94.2**	**---**	**---**

FIGURES

Figure 1
Select A-Zone Monitoring Wells
Groundwater Elevations 2005 Through 2nd Quarter 2018
Chemours Necco Park



Necco 2018 A Zone Water Elev Trends.xlsx



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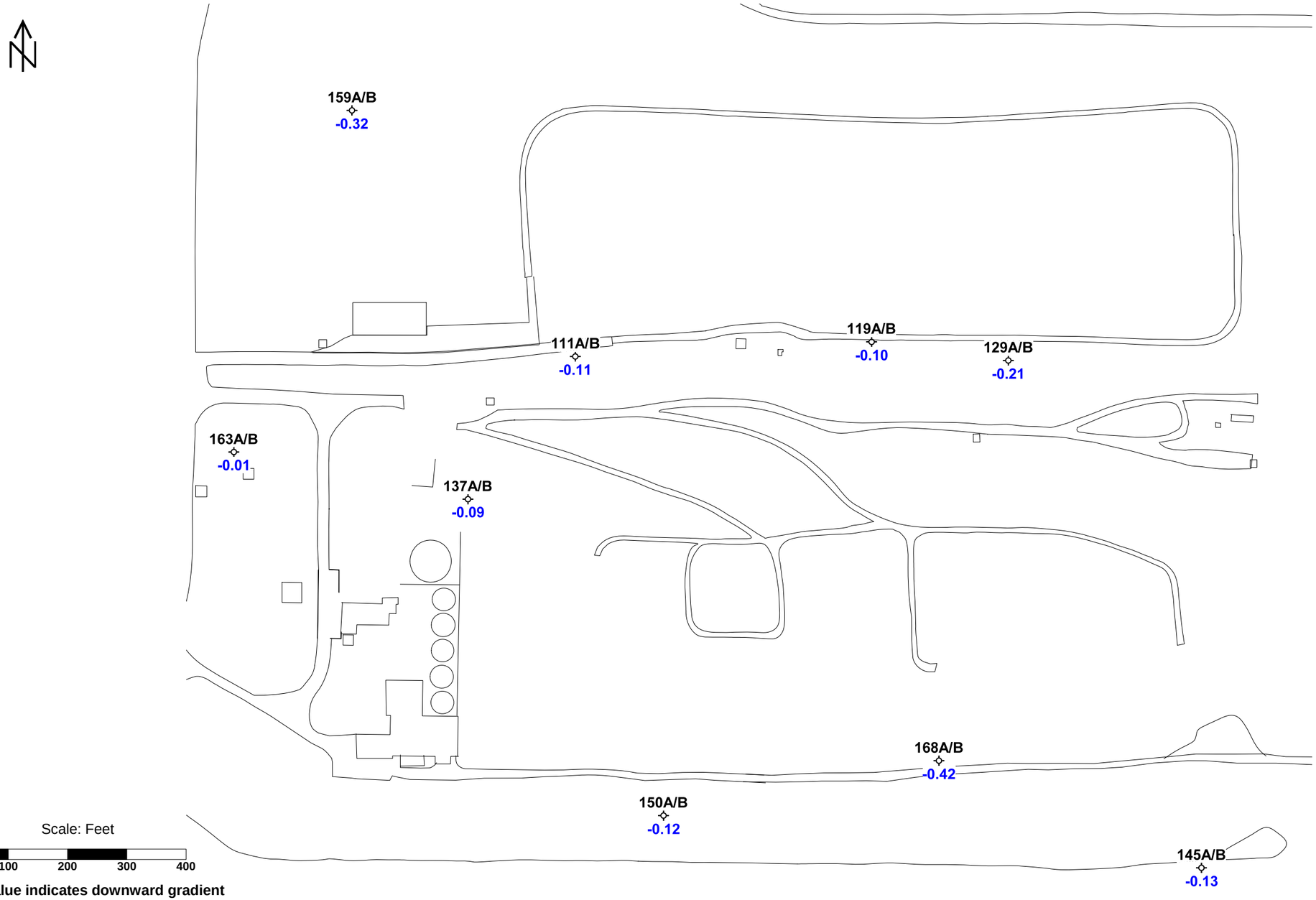
Project Manager: EAF	Date: 07-11-18
Job number: 450860.02023	

LEGEND

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

Figure 2
Potentiometric Surface Map
Chemours Necco Park: A-Zone
May 31, 2018

//nybuf03fs01/Dupont$/Necco/HydroGeo/Hydro/GW_contours/2018-05-31 NEC Contour Tool/2018-05-31 - A PZ - F2.srf



Negative value indicates downward gradient

Elevation datum feet AMSL

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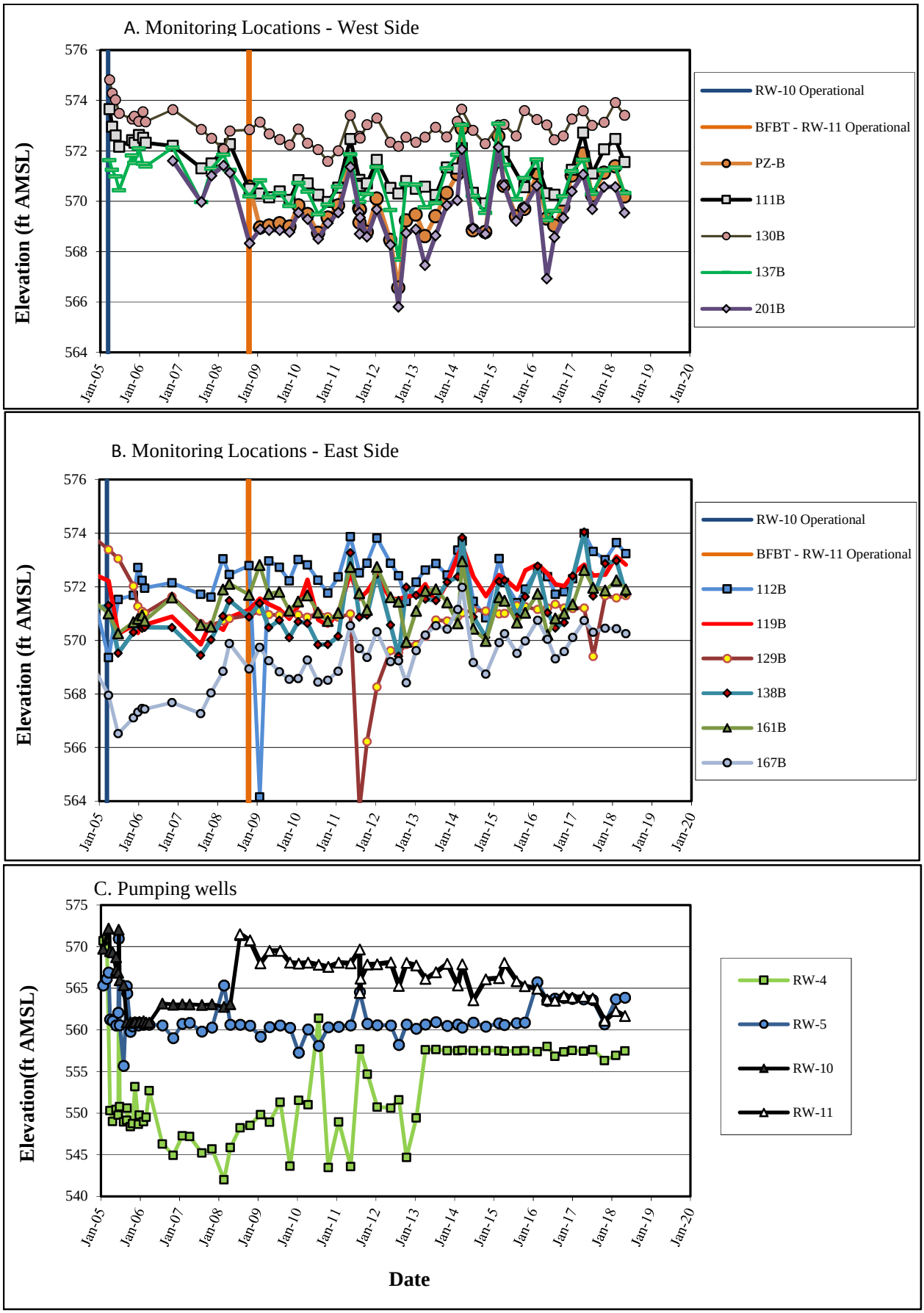
150A/B	Well ID	Structure	-0.10 Vertical Hydraulic Gradient
	Monitoring Well		
	Pumping Well	Road	

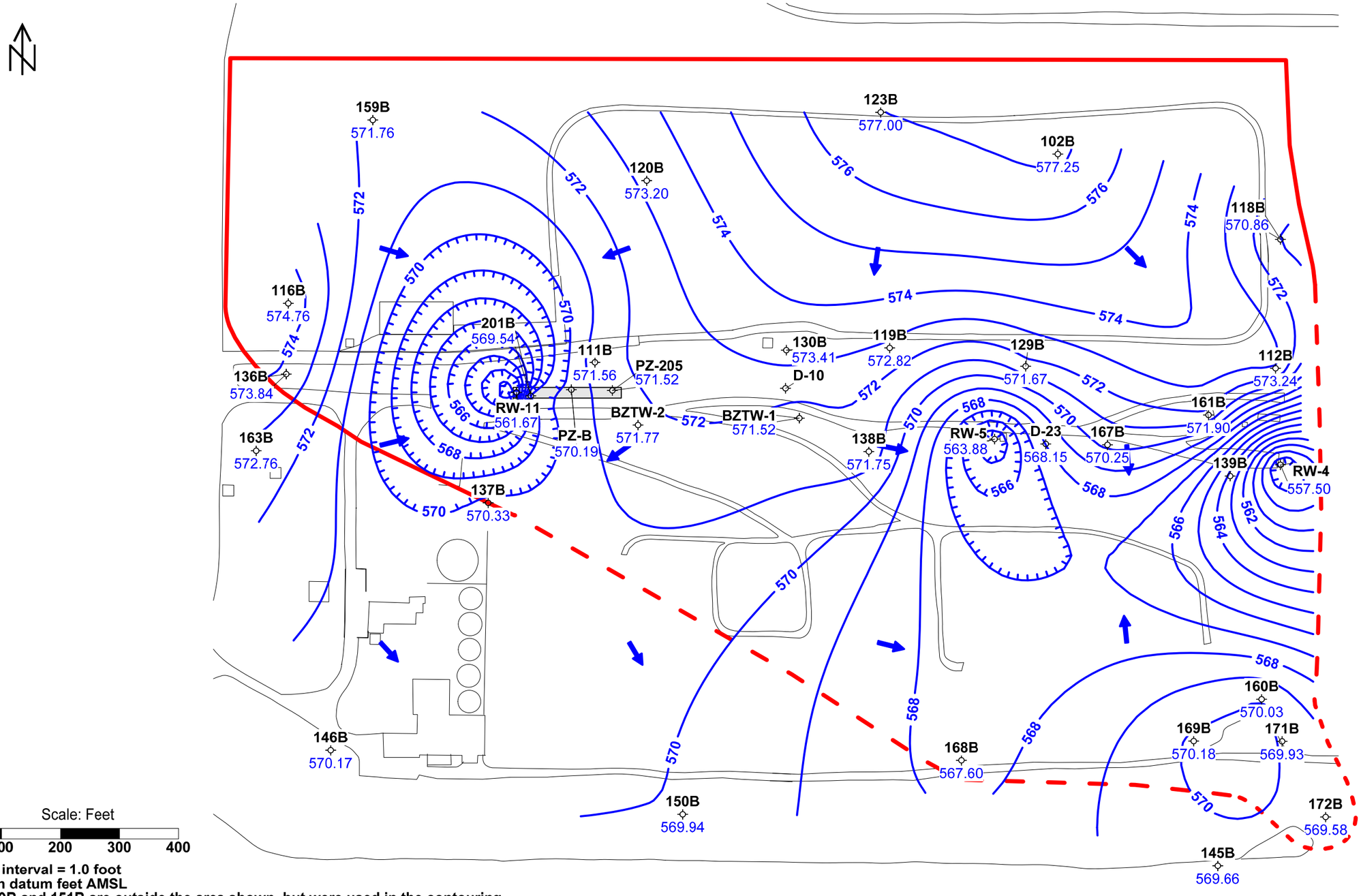
Figure 3
Vertical Gradient: A-Zone to B-Zone
Chemours Necco Park
May 31, 2018

//nybuf03fs01/Dupont$/Necco/HydroGeo/Hydro/GW_contours/2018-05-31 NEC Contour Tool/2018-05-31 - ABvgrad - F3.srf

Figure 4
Select B-Zone Monitoring Wells
Groundwater Elevations 2005 through 2nd Quarter 2018
Chemours Necco Park



Necco 2018 B Zone Water Elev Trends.xlsx



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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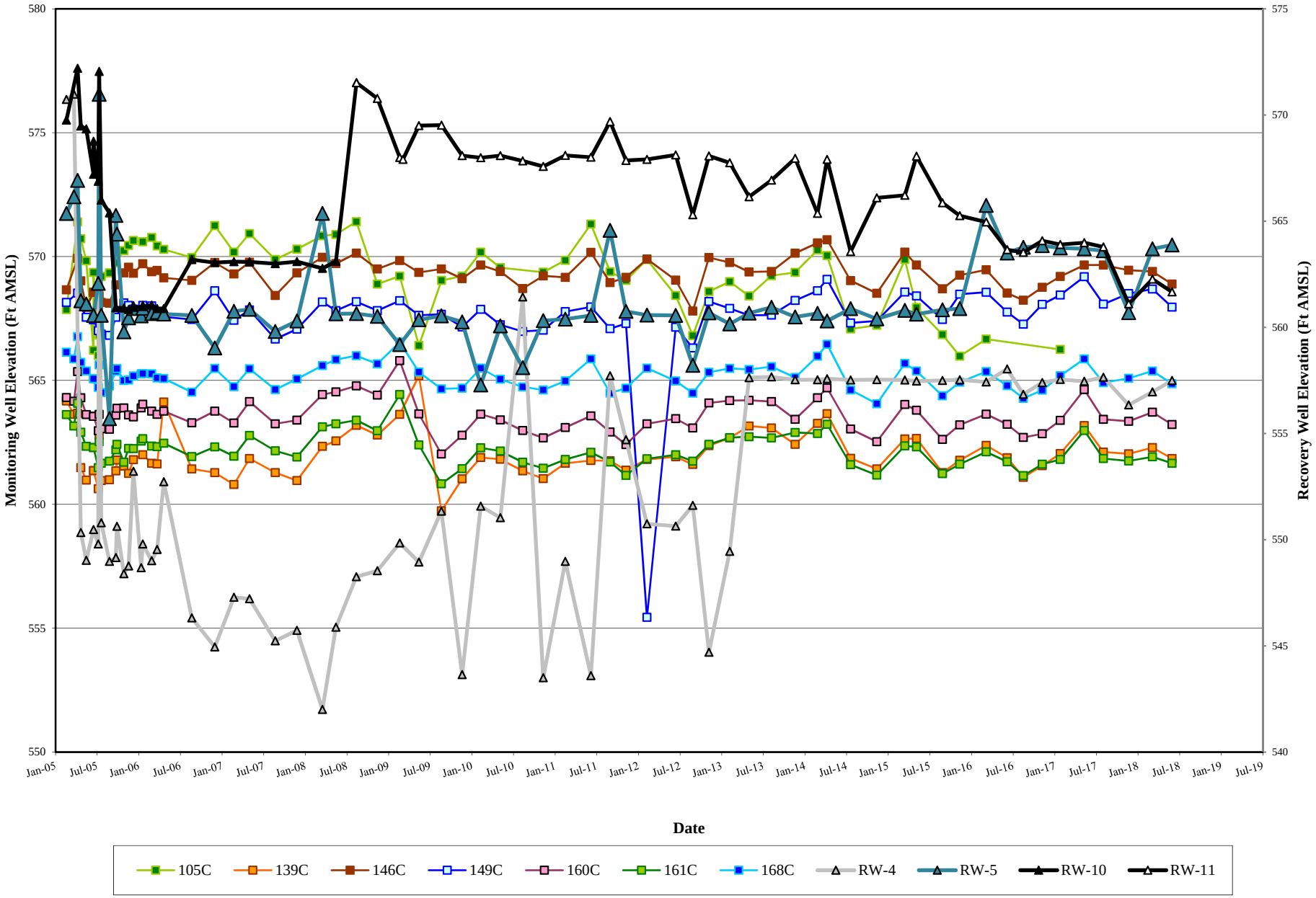
LEGEND

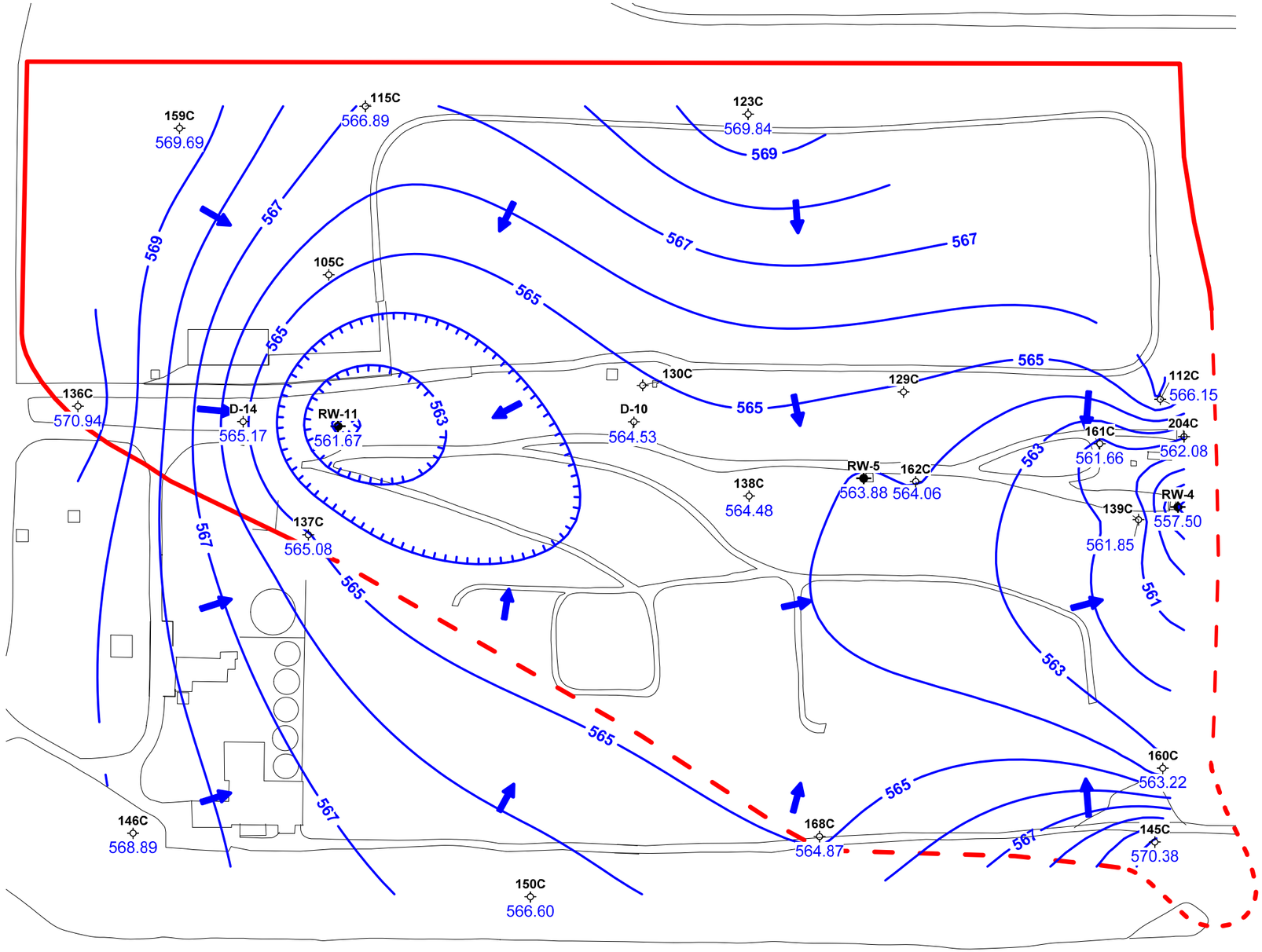
- 3B — Well ID
- Monitoring Well
- Pumping Well
- Potentiometric Contour
- Structure
- Road
- Source Area Extent
- Approximate Location of Bedrock Fractured Blast Trench

Figure 5
Potentiometric Surface Map
Chemours Necco Park: B-Zone
May 31, 2018

Figure 6
Select C-Zone Monitoring Wells
Groundwater Elevations 2005 Through 2nd Quarter 2018
Chemours Necco Park



Necco 2018 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 levels for 129C and 130C were erroneously high and were not used in the contouring.

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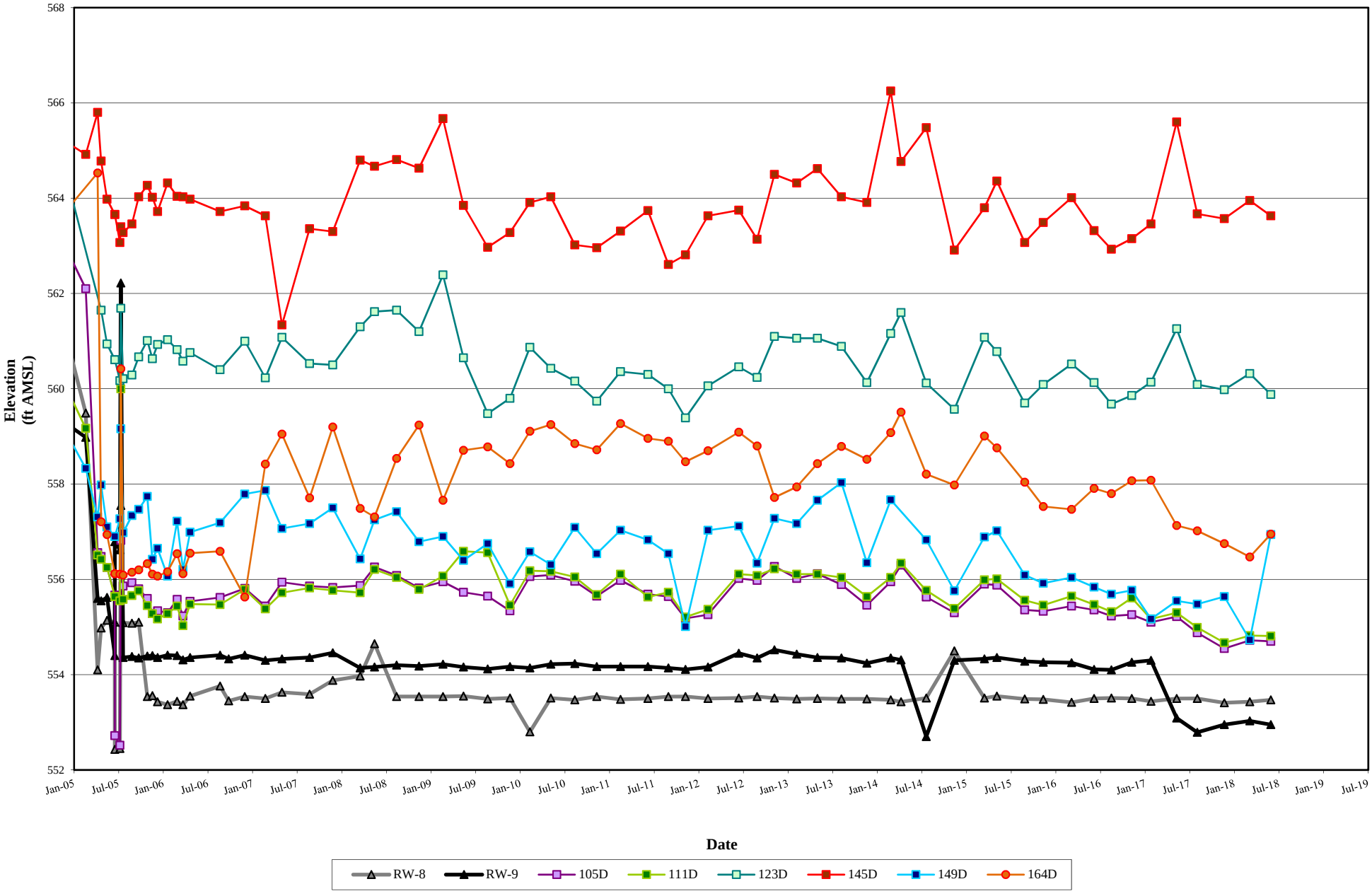
LEGEND

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

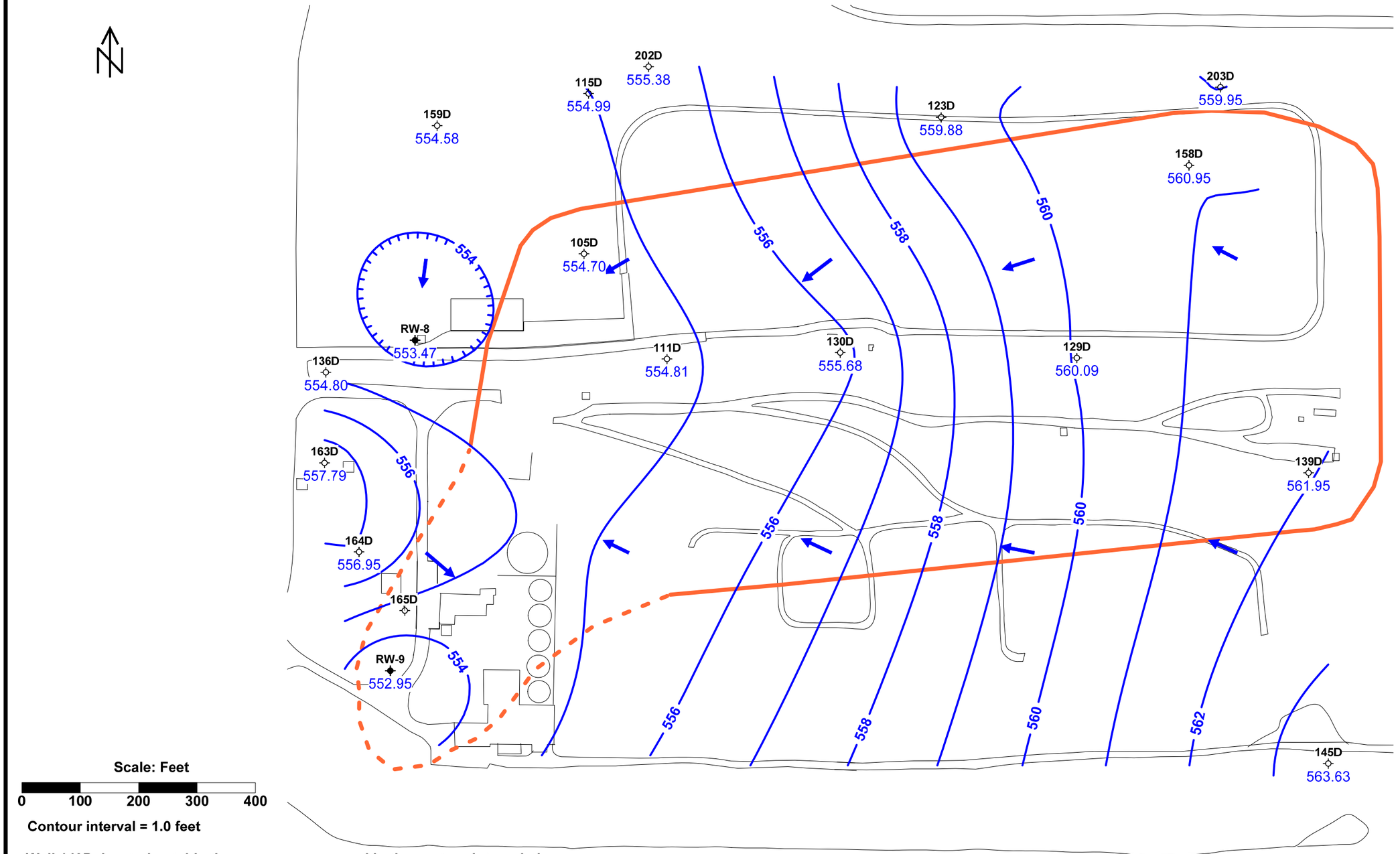
Figure 7
Potentiometric Surface Map
Chemours Necco Park: C-Zone
May 31, 2018

//nybuf03fs01/DupontS/Necco/HydroGeo/Hydro/GW_contours/2018-05-31 NEC Contour Tool/2018-05-31 - PZ C - F7.srf

Figure 8
Select D-Zone Monitoring Wells
Groundwater Elevations 2005 through 2nd Quarter 2018
Chemours Necco Park



Necco 2018 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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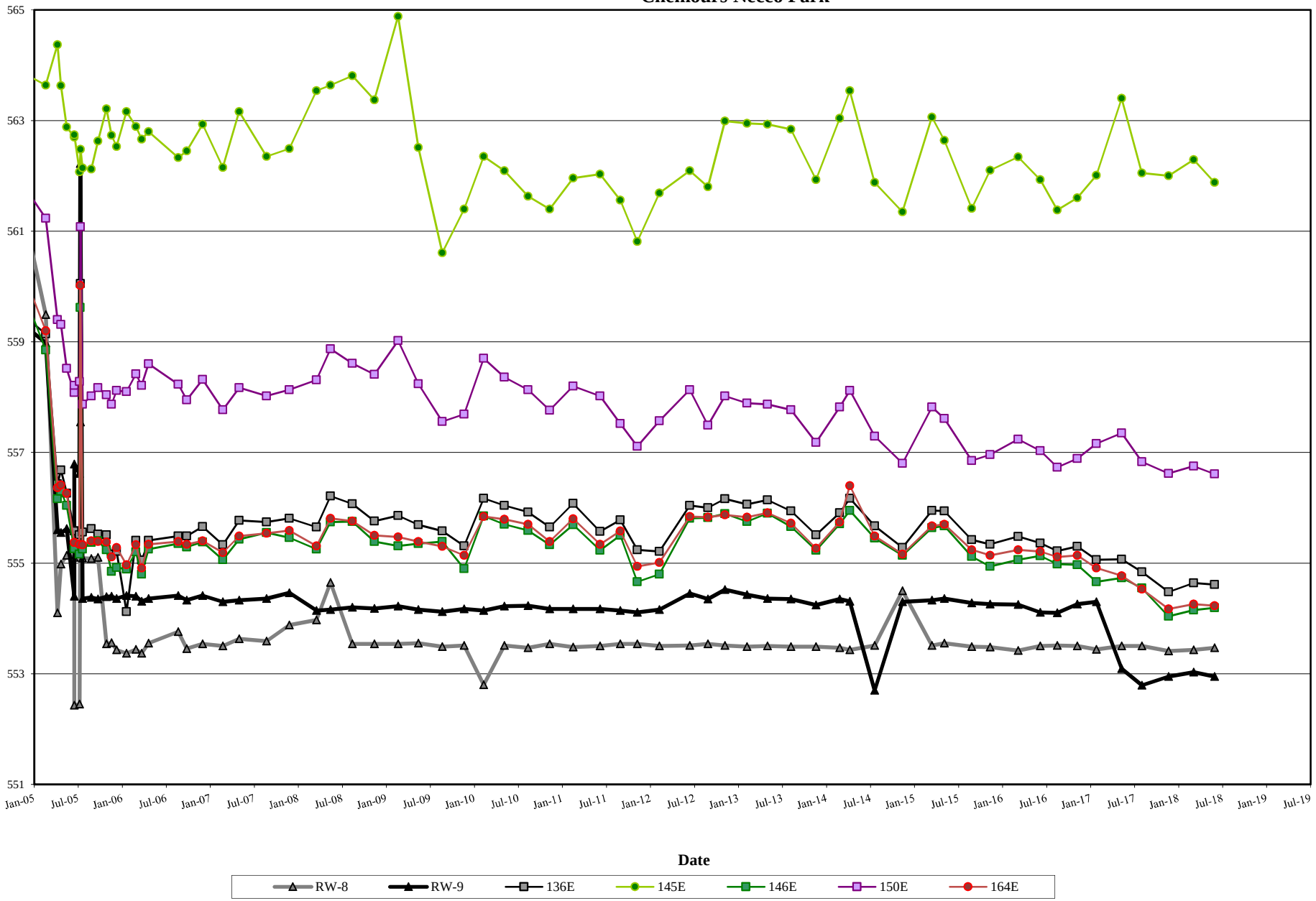
LEGEND

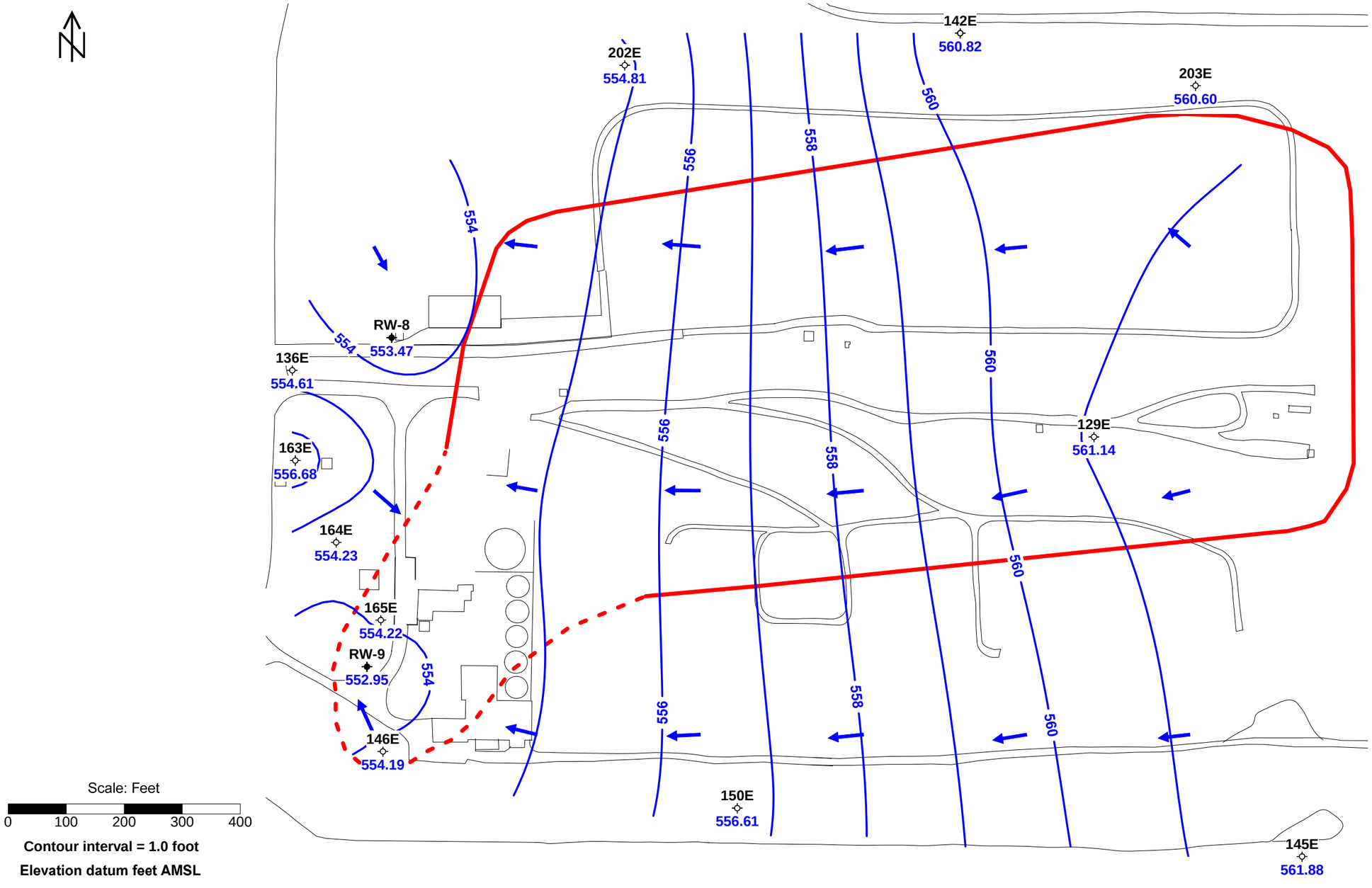
- 3B — Well ID
- Monitoring Well
- Pumping Well
- Potentiometric Contour
- Structure
- Road
- Source Area Extent

Figure 9
Potentiometric Surface Map
Chemours Necco Park: D-Zone
May 31, 2018

Figure 10
Select E-Zone Monitoring Wells
Groundwater Elevations 2005 Through 2nd Quarter 2018
Chemours Necco Park



Necco 2018 E Zone Water Elev Trends.xlsx



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LEGEND

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

Figure 11
Potentiometric Surface Map
Chemours Necco Park: E-Zone
May 31, 2018

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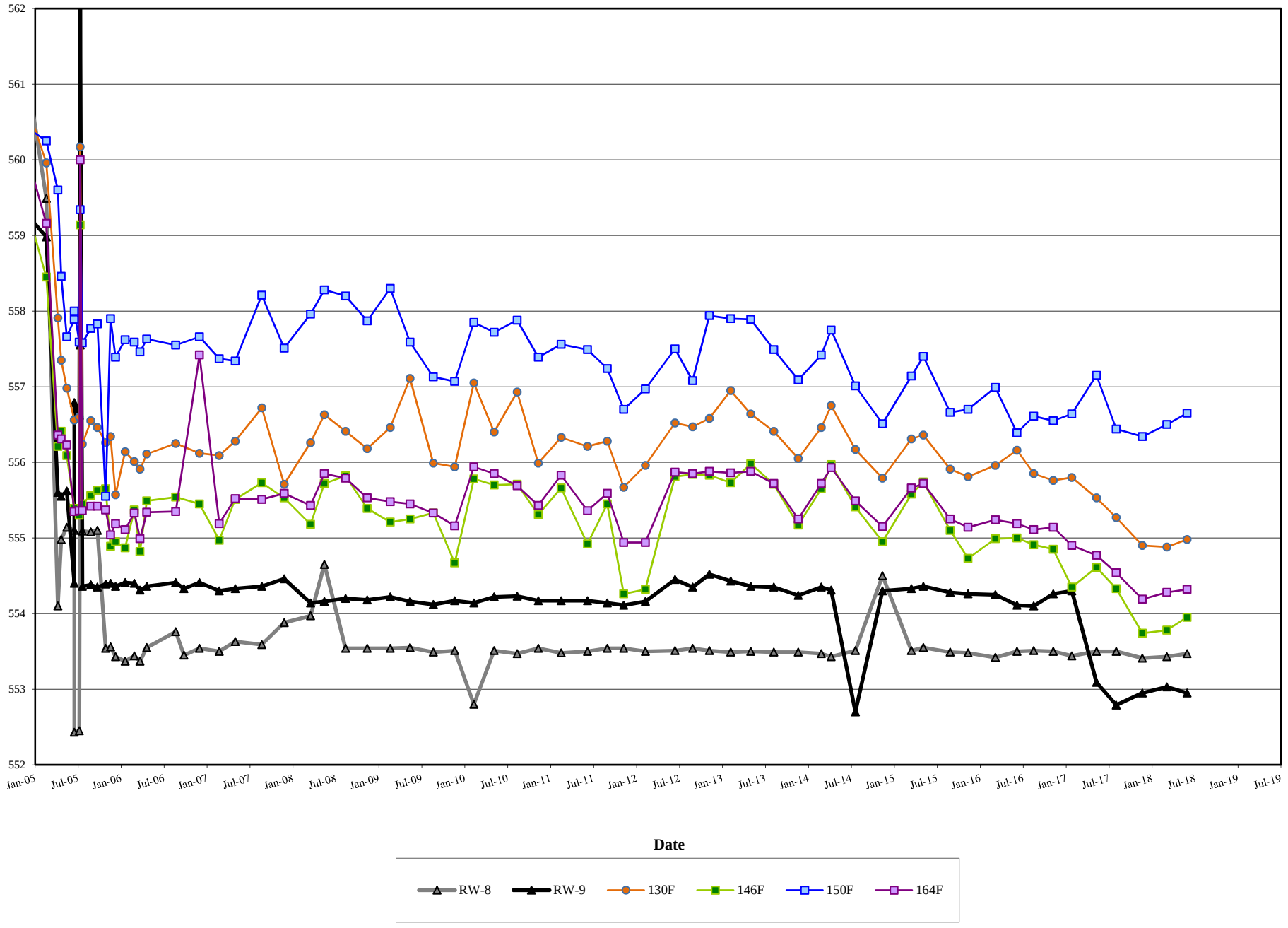
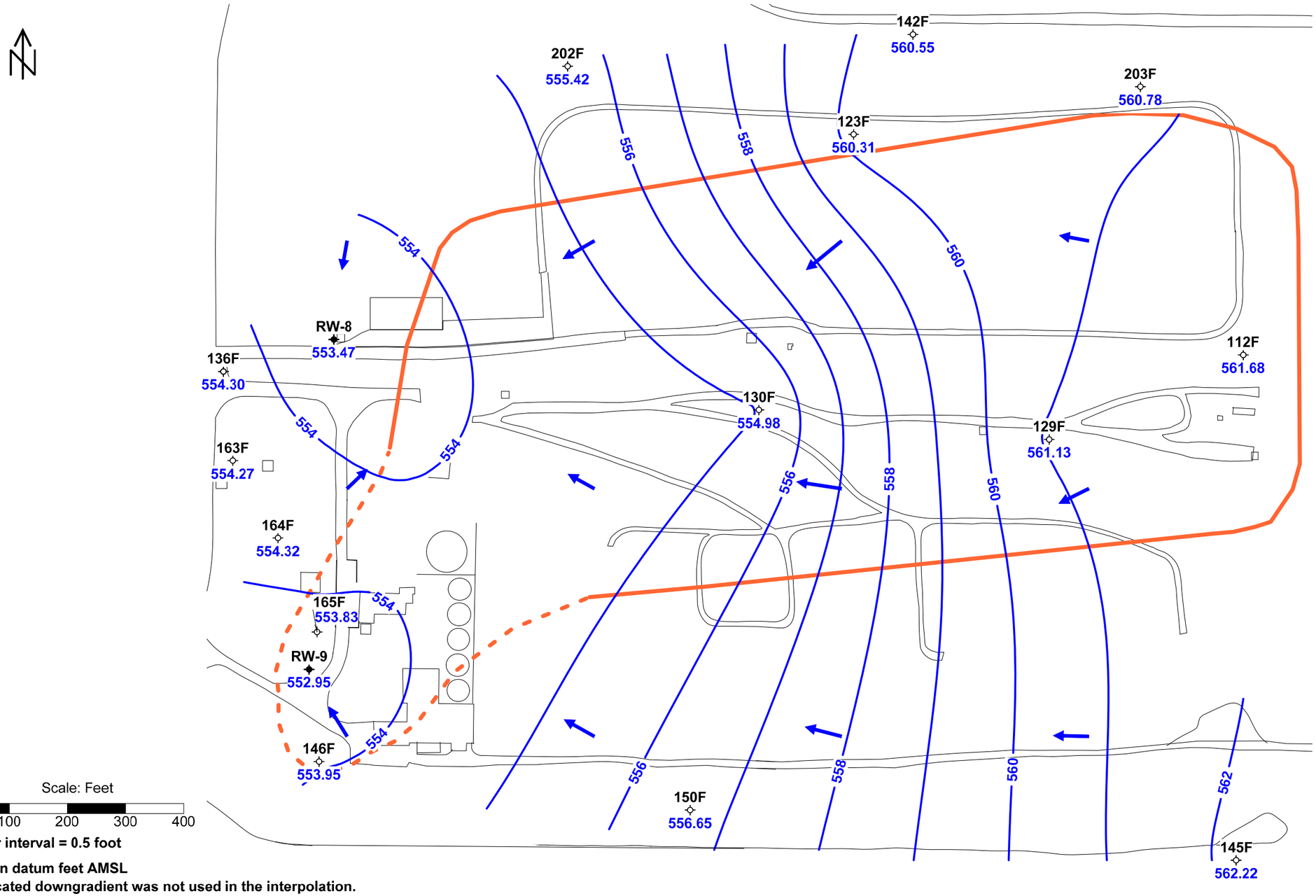
Figure 12
Select F-Zone Monitoring Wells
Groundwater Elevations 2005 Through 2nd Quarter 2018
Chemours Necco Park



Necco 2018 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.

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LEGEND

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

Figure 13
Potentiometric Surface Map
Chemours Necco Park: F-Zone
May 31, 2018

//nybuf03fs01/Dupont$/Necco/HydroGeo/Hydro/GW_contours/2018-05-31 NEC Contour Tool/2018-05-31 - PZ F - F13.srf

APPENDIX A

CHEMOURS NECCO PARK
GROUNDWATER ELEVATION DATA
SECOND QUARTER 2018

APPENDIX A
GROUNDWATER ELEVATION DATA - 2Q18
Chemours Necco Park

Location ID	Date Measured	Depth to Water	Reference Elevation	Groundwater Elevation	Time Measured
102B	05/31/2018	21.76	599.01	577.25	12:07
105C	05/31/2018	Dry	595.28	Dry	12:56
105D	05/31/2018	40.07	594.77	554.70	12:56
111A	05/31/2018	13.98	586.89	572.91	11:24
111B	05/31/2018	13.38	584.94	571.56	11:27
111D	05/31/2018	29.49	584.30	554.81	11:28
112B	05/31/2018	8.66	581.90	573.24	11:57
112C	05/31/2018	16.78	582.93	566.15	11:56
112F	05/31/2018	21.61	583.29	561.68	11:56
115C	05/31/2018	29.04	595.93	566.89	12:57
115D	05/31/2018	41.63	596.62	554.99	12:57
116B	05/31/2018	15.29	590.05	574.76	11:18
118B	05/31/2018	13.04	583.90	570.86	12:00
119A	05/31/2018	12.05	586.34	574.29	11:38
119B	05/31/2018	13.95	586.77	572.82	11:40
120B	05/31/2018	25.98	599.18	573.20	12:19
123A	05/31/2018	21.33	597.93	576.60	12:11
123B	05/31/2018	18.98	595.98	577.00	12:14
123C	05/31/2018	25.58	595.42	569.84	12:15
123D	05/31/2018	36.63	596.51	559.88	12:13
123F	05/31/2018	38.26	598.57	560.31	12:10
129A	05/31/2018	10.58	584.80	574.22	11:45
129B	05/31/2018	13.57	585.24	571.67	11:43
129C	05/31/2018	11.12	585.68	574.56	11:44
129D	05/31/2018	25.94	586.03	560.09	11:42
129E	05/31/2018	19.74	580.88	561.14	11:48
129F	05/31/2018	20.23	581.36	561.13	11:48
130B	05/31/2018	12.22	585.63	573.41	11:34
130C	05/31/2018	11.95	585.51	573.56	11:36
130D	05/31/2018	29.28	584.96	555.68	11:35
130F	05/31/2018	26.51	581.49	554.98	11:20
131A	05/31/2018	14.36	585.43	571.07	11:48
136B	05/31/2018	7.85	581.69	573.84	10:58
136C	05/31/2018	10.68	581.62	570.94	10:58
136D	05/31/2018	24.88	579.68	554.80	10:57
136E	05/31/2018	24.98	579.59	554.61	10:56
136F	05/31/2018	26.03	580.33	554.30	10:54
136F	05/31/2018	25.95	580.33	554.38	12:30
136G	05/31/2018	21.73	579.76	558.03	12:32
136G	05/31/2018	21.74	579.76	558.02	10:55
137A	05/31/2018	7.32	578.47	571.15	11:00
137B	05/31/2018	7.98	578.31	570.33	10:59

APPENDIX A
GROUNDWATER ELEVATION DATA - 2Q18
Chemours Necco Park

Location ID	Date Measured	Depth to Water	Reference Elevation	Groundwater Elevation	Time Measured
137C	05/31/2018	13.31	578.39	565.08	10:58
137D	05/31/2018	15.18	579.09	563.91	10:59
138B	05/31/2018	12.23	583.98	571.75	12:16
138C	05/31/2018	22.58	587.06	564.48	12:15
139A	05/31/2018	13.73	585.14	571.41	11:54
139B	05/31/2018	11.75	585.39	573.64	11:55
139C	05/31/2018	23.42	585.27	561.85	11:56
139D	05/31/2018	23.54	585.49	561.95	11:57
140A	05/31/2018	7.54	581.55	574.01	12:01
142E	05/31/2018	25.18	586.00	560.82	12:26
142F	05/31/2018	25.14	585.69	560.55	12:24
145A	05/31/2018	3.92	575.84	571.92	11:46
145B	05/31/2018	5.82	575.48	569.66	11:46
145C	05/31/2018	5.52	575.90	570.38	12:27
145D	05/31/2018	12.42	576.05	563.63	12:28
145E	05/31/2018	14.10	575.98	561.88	11:47
145F	05/31/2018	13.83	576.05	562.22	11:47
146AR	05/31/2018	5.47	576.92	571.45	11:59
146B	05/31/2018	6.73	576.90	570.17	12:02
146C	05/31/2018	7.46	576.35	568.89	12:01
146E	05/31/2018	21.89	576.08	554.19	12:01
146F	05/31/2018	22.09	576.04	553.95	11:59
148D	05/31/2018	9.33	579.38	570.05	10:59
148F	05/31/2018	23.60	576.21	552.61	10:59
149B	05/31/2018	3.33	572.87	569.54	11:18
149C	05/31/2018	5.30	573.26	567.96	11:19
149D	05/31/2018	15.92	572.86	556.94	11:19
150A	05/31/2018	4.57	575.86	571.29	11:32
150B	05/31/2018	6.05	575.99	569.94	11:32
150C	05/31/2018	9.53	576.13	566.60	11:33
150C	05/31/2018	9.53	576.13	566.60	11:32
150E	05/31/2018	19.54	576.15	556.61	11:34
150F	05/31/2018	19.33	575.98	556.65	11:34
151B	05/31/2018	6.42	573.36	566.94	11:08
151C	05/31/2018	4.95	573.18	568.23	11:09
158D	05/31/2018	37.25	598.20	560.95	12:07
159A	05/31/2018	18.65	596.16	577.51	12:55
159B	05/31/2018	24.61	596.37	571.76	12:57
159C	05/31/2018	27.67	597.36	569.69	12:58
159D	05/31/2018	43.09	597.67	554.58	12:59
160B	05/31/2018	12.72	582.75	570.03	12:26
160C	05/31/2018	19.50	582.72	563.22	12:27

APPENDIX A
GROUNDWATER ELEVATION DATA - 2Q18
Chemours Necco Park

Location ID	Date Measured	Depth to Water	Reference Elevation	Groundwater Elevation	Time Measured
161B	05/31/2018	10.94	582.84	571.90	12:03
161C	05/31/2018	20.98	582.64	561.66	12:02
162C	05/31/2018	16.94	581.00	564.06	11:41
163A	05/31/2018	5.31	578.14	572.83	11:12
163B	05/31/2018	5.18	577.94	572.76	11:13
163D	05/31/2018	21.03	578.82	557.79	11:09
163E	05/31/2018	22.38	579.06	556.68	11:10
163F	05/31/2018	24.49	578.76	554.27	11:11
164D	05/31/2018	20.47	577.42	556.95	11:07
164E	05/31/2018	23.09	577.32	554.23	11:06
164F	05/31/2018	22.95	577.27	554.32	11:05
165D	05/31/2018	14.13	577.52	563.39	12:40
165E	05/31/2018	23.34	577.56	554.22	12:40
165F	05/31/2018	23.89	577.72	553.83	12:40
167B	05/31/2018	10.68	580.93	570.25	12:27
168A	05/31/2018	6.75	578.72	571.97	12:09
168B	05/31/2018	11.30	578.90	567.60	12:10
168C	05/31/2018	14.34	579.21	564.87	12:10
169B	05/31/2018	10.25	580.43	570.18	12:24
170B	05/31/2018	10.40	579.10	568.70	12:25
171B	05/31/2018	9.61	579.54	569.93	12:26
172B	05/31/2018	7.37	576.95	569.58	11:45
173A	05/31/2018	8.77	580.71	571.94	11:13
174A	05/31/2018	5.69	577.62	571.93	10:54
175A	05/31/2018	11.63	586.81	575.18	11:22
176A	05/31/2018	7.99	580.03	572.04	11:05
178A	05/31/2018	8.02	579.92	571.90	11:11
179A	05/31/2018	7.25	579.01	571.76	11:02
184A	05/31/2018	8.03	579.88	571.85	11:18
185A	05/31/2018	8.74	580.84	572.10	11:42
186A	05/31/2018	10.76	579.76	569.00	12:18
187A	05/31/2018	10.18	579.94	569.76	12:19
188A	05/31/2018	14.52	580.91	566.39	11:37
189A	05/31/2018	10.76	579.82	569.06	11:44
190A	05/31/2018	11.48	580.58	569.10	11:50
191AR	05/31/2018	9.50	580.62	571.12	11:52
192A	05/31/2018	11.44	584.08	572.64	12:05
193A	05/31/2018	10.81	584.13	573.32	12:00
194A	05/31/2018	13.03	584.35	571.32	11:59
201B	05/31/2018	9.71	579.25	569.54	11:03
202D	05/31/2018	37.35	592.73	555.38	12:36
202E	05/31/2018	37.92	592.73	554.81	12:37

APPENDIX A
GROUNDWATER ELEVATION DATA - 2Q18
Chemours Necco Park

Location ID	Date Measured	Depth to Water	Reference Elevation	Groundwater Elevation	Time Measured
202F	05/31/2018	37.31	592.73	555.42	12:38
203D	05/31/2018	33.90	593.85	559.95	12:32
203E	05/31/2018	33.25	593.85	560.60	12:32
203F	05/31/2018	33.07	593.85	560.78	12:33
204C	05/31/2018	19.69	581.77	562.08	12:00
BZTW-1	05/31/2018	8.15	579.67	571.52	11:23
BZTW-2	05/31/2018	7.61	579.38	571.77	11:12
BZTW-4	05/31/2018	4.89	578.18	573.29	11:02
D-10	05/31/2018	15.49	580.02	564.53	11:22
D-11	05/31/2018	6.14	578.07	571.93	11:07
D-13	05/31/2018	6.69	579.07	572.38	10:52
D-14	05/31/2018	13.84	579.01	565.17	10:52
D-23	05/31/2018	12.46	580.61	568.15	11:44
D-9	05/31/2018	7.68	580.15	572.47	11:21
PZ-205B	05/31/2018	7.86	579.38	571.52	11:08
PZ-A	05/31/2018	8.37	579.06	570.69	11:07
PZ-B	05/31/2018	9.28	579.47	570.19	11:06
RDB-3	05/31/2018	5.45	579.31	573.86	10:59
RDB-5	05/31/2018	5.44	578.57	573.13	11:01
RW-11	05/31/2018	17.11	578.78	561.67	11:03
RW-4	05/31/2018	24.02	581.52	557.50	11:58
RW-5	05/31/2018	15.00	578.88	563.88	11:36
RW-8	05/31/2018	32.05	585.52	553.47	11:20
RW-9	05/31/2018	22.18	575.13	552.95	12:39
TRW-6	05/31/2018	8.58	580.21	571.63	11:14
TRW-7	05/31/2018	6.90	577.89	570.99	10:55

APPENDIX B

CHEMOURS NECCO PARK
GWTF PROCESS SAMPLING RESULTS
SECOND QUARTER 2018

Appendix B
Summary of Analytical Results
Chemours Necco Park
Second Quarter 2018

Method	CAS #	Parameter Name	Location Date Units	BC-INFLUENT 5/30/2018 FS	DEF-INFLUENT 5/30/2018 FS	COMB-EFFLUENT 5/30/2018 FS	TB 5/30/2018 TB
		Field Parameters					
		COLOR	NONE	No	No	No	
		ODOR	NONE	Yes	Yes	Yes	
		OXIDATION REDUCTION POTENTIAL	MV	-84	-196	-141	
		PH	STD UNITS	5.49	6.87	6.21	
		SPECIFIC CONDUCTANCE	UMHOS/CM	7226	4700	6472	
		TEMPERATURE	DEGREES C	15.4	14.8	15.3	
		TURBIDITY QUANTITATIVE	NTU	33	11.9	14	
		Volatile Organics					
8260C	79-34-5	1,1,2,2-Tetrachloroethane	UG/L	4300	1400	120	<0.13
8260C	79-00-5	1,1,2-Trichloroethane	UG/L	2500	2100	44	<0.09
8260C	75-35-4	1,1-Dichloroethene	UG/L	500	310	<1.2	<0.19
8260C	107-06-2	1,2-Dichloroethane	UG/L	590	160 J	3.6 J	<0.21
8260C	56-23-5	Carbon Tetrachloride	UG/L	6300	790	<1.6	<0.26
8260C	67-66-3	Chloroform	UG/L	15000	2400	23	<0.13
8260C	156-59-2	cis-1,2 Dichloroethene	UG/L	10000	9400	14	<0.16
8260C	75-09-2	Methylene Chloride	UG/L	4500	5200	16 J	<2.6
8260C	127-18-4	Tetrachloroethene	UG/L	7600	650	1.7 J	<0.15
8260C	156-60-5	trans-1,2-Dichloroethene	UG/L	490	750	<1.2	<0.19
8260C	79-01-6	Trichloroethene	UG/L	11000	3700	4.2 J	<0.1
8260C	75-01-4	Vinyl Chloride	UG/L	3100	1900	<1.3	<0.2
		Total VOCs	UG/L	65880	28760	226.5	0

< Not detected at stated reporting limit

J Estimated concentration