The Chemours Company
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November 29, 2019

Ms. Young Chang
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 Young Chang:

NECCO PARK THIRD QUARTER 2019 DATA PACKAGE

Enclosed is the *Third Quarter 2019 (3Q19) 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 3Q19 monitoring summary for dense non-aqueous phase liquid (DNAPL).

Pumping system uptime for 3Q19 was 97.0 percent. The total volume of groundwater treated during 2Q19 was 2,824,848 gallons. Monthly DNAPL monitoring events occurred on July 31, August 23, and September 30, 2019. No DNAPL was identified during the July and August events. DNAPL was identified in RW-4 (trace) and RW-5 (2.6 ft) during the September 30 DNAPL monitoring event. Removal took place October 14-15 with sediment removal via vacuum truck extraction.

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. 3Q2019 Data Package

cc: Stanley Radon/NYSDEC
E. Felter/Parsons

SOURCE AREA HYDRAULIC CONTROL SYSTEM
THIRD QUARTER 2019
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

P.O. Box 788
Lewiston, NY 14092

Prepared By:

PARSONS

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

November 2019

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 2019 (3Q19) 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 57th 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 3Q19:

	HCS Uptime (%)	Groundwater Treated (gallons)	DNAPL Removed (gallons)
July	91%	843,180	0
August	100.0%	985,774	0
September	100.0%	995,894	0
3Q19 Total	**97.0%**	**2,824,848**	**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. Downtime (for HCS or individual recovery wells, scheduled or unscheduled) is discussed below when the downtime is 48 consecutive hours or greater.

There was one unscheduled downtime event for all of the pumping wells and one single well unscheduled downtime event during 3Q19. There were no scheduled downtimes for the pumping wells or treatment system during 3Q19. The pumping wells shut down on July 12 due to a float switch malfunction in the leak detection chamber. The float switch interlock was corrected and each of the wells was restarted July 15 at approximately 1100 (downtime of 71 hours) except RW-5 which was restarted July 16 at 1400 (downtime of 98 hours). On July 26 well RW-9 went down

at approximately 2100 due to a flow meter malfunction. The flowmeter was recalibrated and the well was restarted July 29 at 0730 for a total downtime of approximately 58.5 hours.

Monthly DNAPL monitoring events occurred on July 31, August 23, and September 30, 2019. No DNAPL was identified during the July and August events. DNAPL was identified in RW-4 (trace) and RW-5 (2.6 ft) during the September 30 DNAPL monitoring event. Removal took place October 14-15 with sediment removal via vacuum truck extraction which provides a safer, more efficient, and more effective process. The sediments and DNAPL will be separated and disposed of in a manner consistent with previous events and consistent with the Waste Management Plan.

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 3Q19 in accordance with the Site SAMP and the approved reduction to VOCs only (USEPA, January 2012). Samples were collected by Parsons on July 31, 2019 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 3Q19 sewer discharge samples were collected on July 9, 2019 (following NFWB quarterly calendar). There were no permit limit exceedances in 3Q19. The results indicate that the GWTF continued operating within normal parameters during 3Q19.

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, August 12, 2015

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

TABLES

Table 1

Individual Well Shutdown Summary for 3Q19
Chemours Necco Park

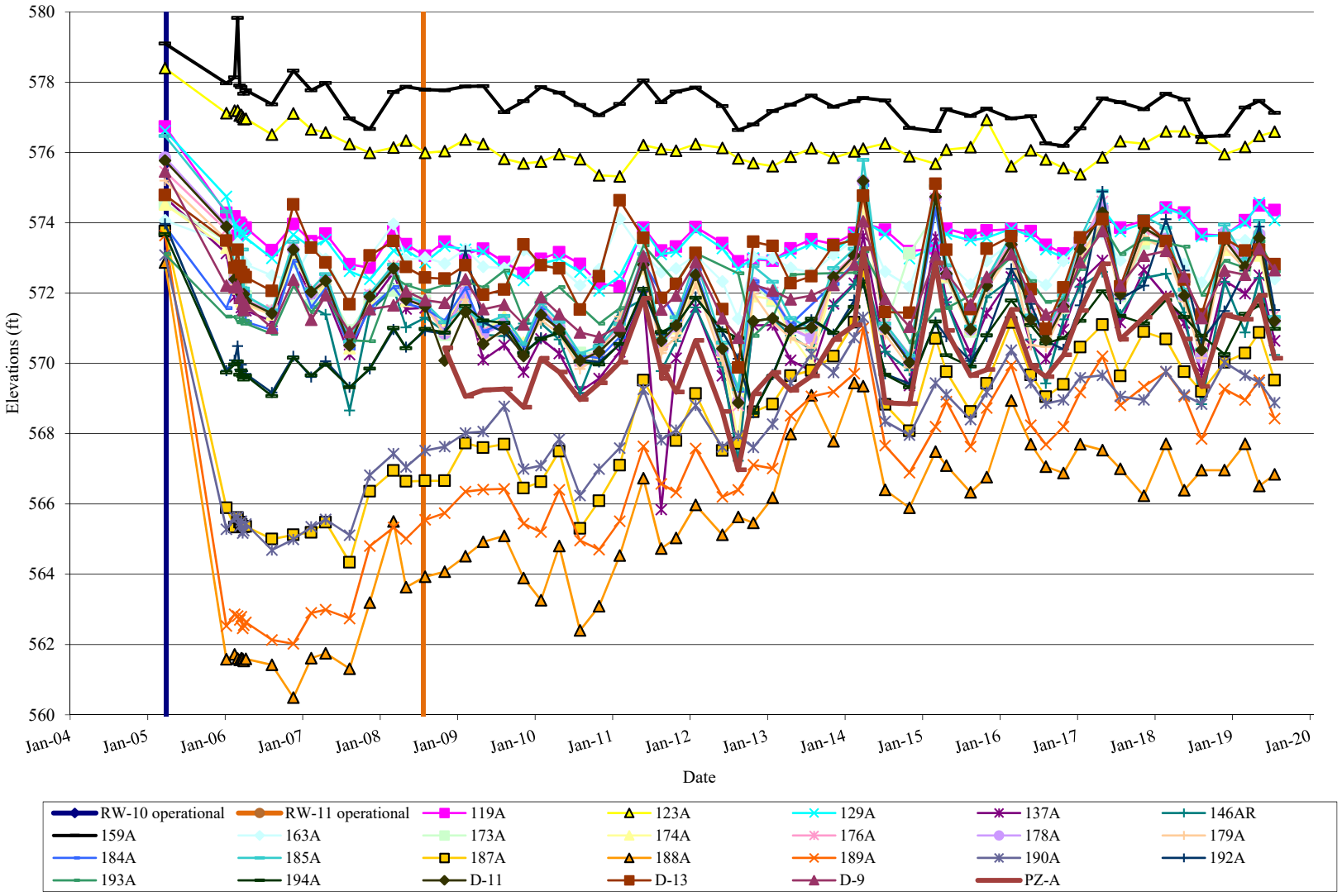
	Well ID	Date(s)	Length of Shutdown (hours)	Reason for Shutdown	Remarks
July	All Pumping Wells	July 12 through July 15 (July 16 for RW-5)	71 hours (98 hours for RW-5)	Float switch malfunction in the leak detection chamber.	
	RW-9	July 26 through July 29	58.5 hours	Flow meter malfunction.	
August					No wells were down for greater than 48 hours in August 2019.
September					No wells were down for greater than 48 hours in September 2019.

Table 2
Historical HCS Operational Summary - 3Q19
Chemours Necco Park

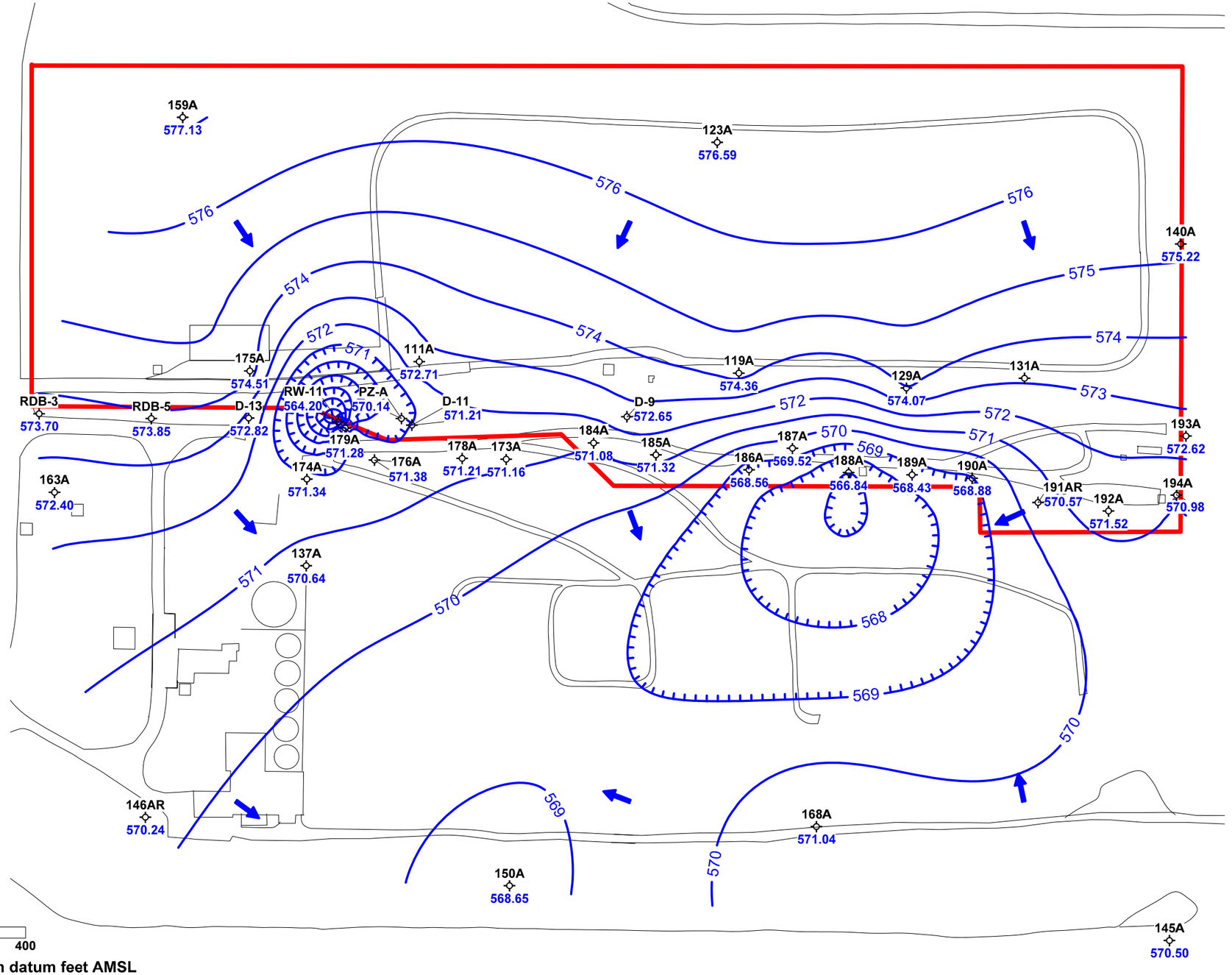
Reporting Period	HCS Uptime (%)	HCS Uptime Excluding Scheduled Maintenance Downtime (%)	Groundwater Treated (Gallons)	DNAPL Removed (Gallons)
2005	93.4	95.2	9,692,689	103.5
2006	94.2	95.6	12,345,079	151
2007	92.1	92.5	11,715,133	153
2008	84.0	85.4	12,244,847	512
2009	93.7	93.9	16,292,130	0
2010	92.3	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
3Q18	82.9	88.2	3,081,012	0
4Q18	92.7	92.7	3,259,882	0
1Q19	85.7	85.7	3,136,446	12.8
2Q19	85.2	85.2	3,538,214	0
3Q19	93.1	93.1	2,824,848	0
TOTALS	**---**	**---**	**196,122,699**	**1,414**
AVERAGE	**87.0**	**93.3**	**---**	**---**

FIGURES

Figure 1
Select A-Zone Monitoring Wells
Groundwater Elevations 2005 Through 3rd Quarter 2019
Chemours Necco Park



Necco 2019 A Zone Water Elev Trends.xlsx



Scale: Feet

0 100 200 300 400

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

Well 131A water level was anomalously high and was not used in the contouring.

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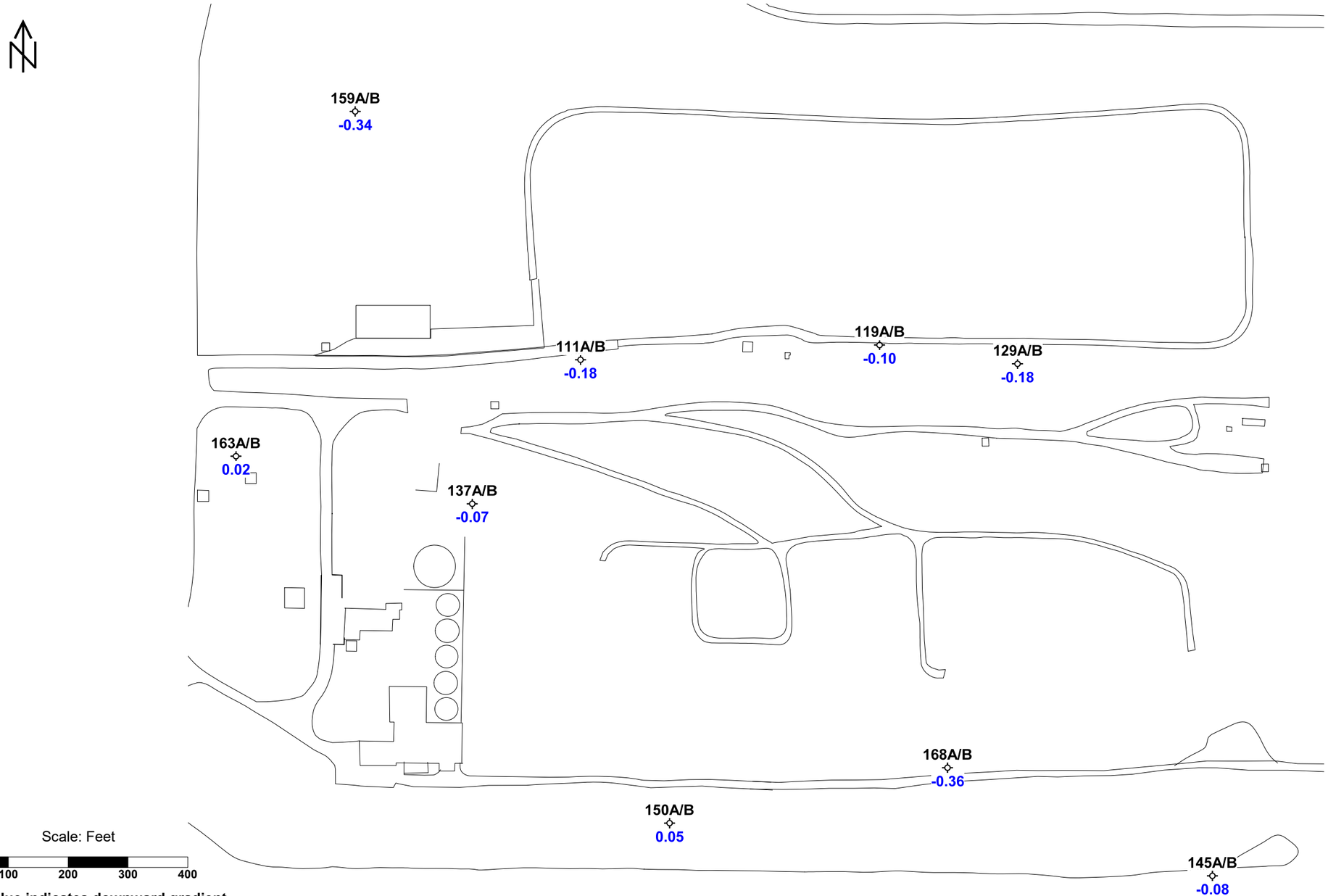
Checked by: JWS	Date: 09-10-19
Project Manager: EAF	Date: 09-10-19

Job number: 451478.02024

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
July 31, 2019



Negative value indicates downward gradient

Elevation datum feet AMSL

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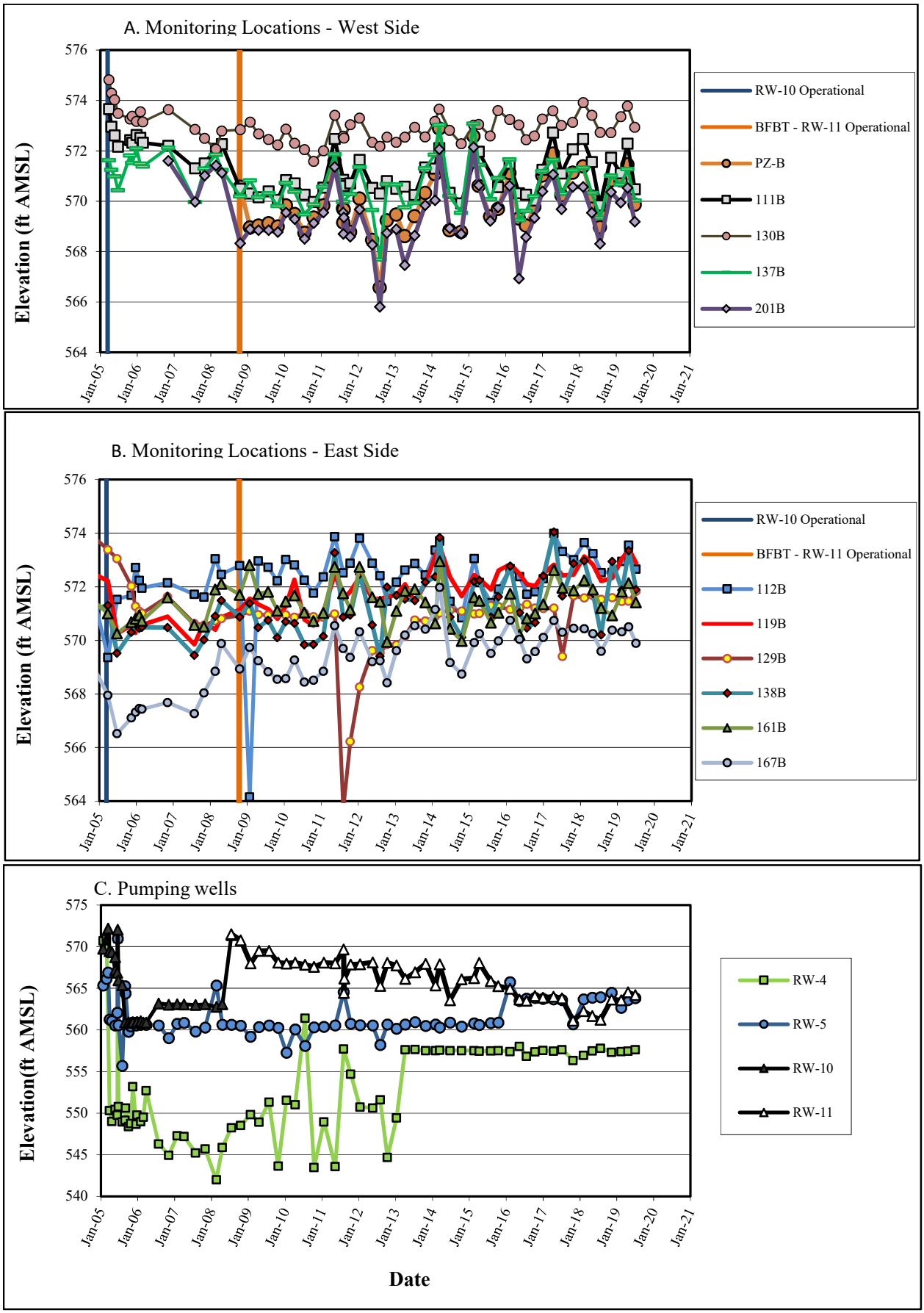
LEGEND

150A/B	Well ID		Structure
	Monitoring Well		Road
	Pumping Well	-0.16	Vertical Hydraulic Gradient

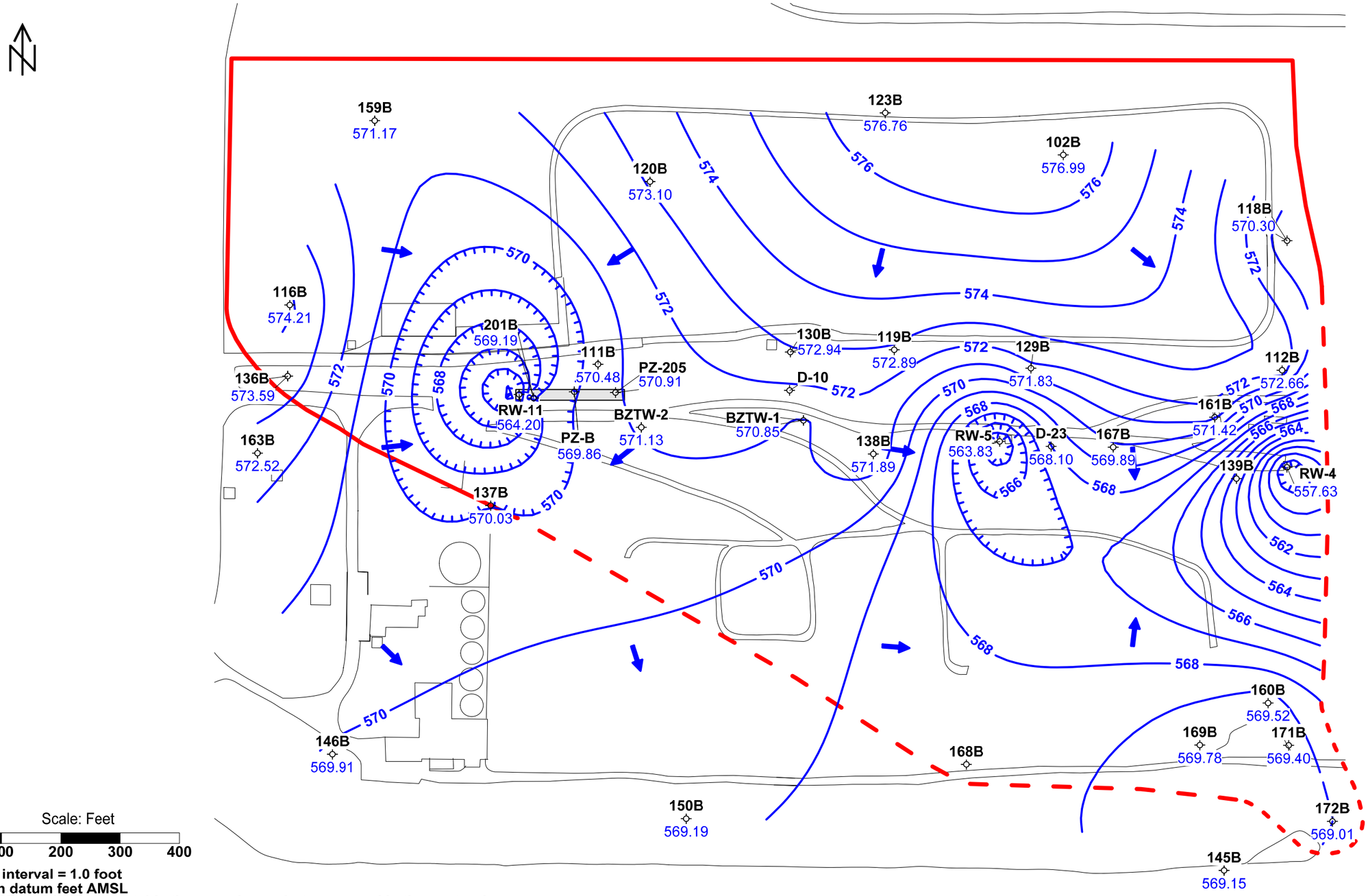
Figure 3
Vertical Gradient: A-Zone to B-Zone
Chemours Necco Park
July 31, 2019

//nybuf03fs01/Dupont$/Necco/HydroGeo/Hydro/GW_contours/2019-07-31 NEC Contour Tool/2019-07-31 - ABvgrad - F3.srf

Figure 4
Select B-Zone Monitoring Wells
Groundwater Elevations 2005 through 3rd Quarter 2019
Chemours Necco Park



Necco 2019 B Zone Water Elev Trends.xlsx



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 139B, 168B, 170B, D-10, TRW-6, and TRW-7 were not used in the contouring.

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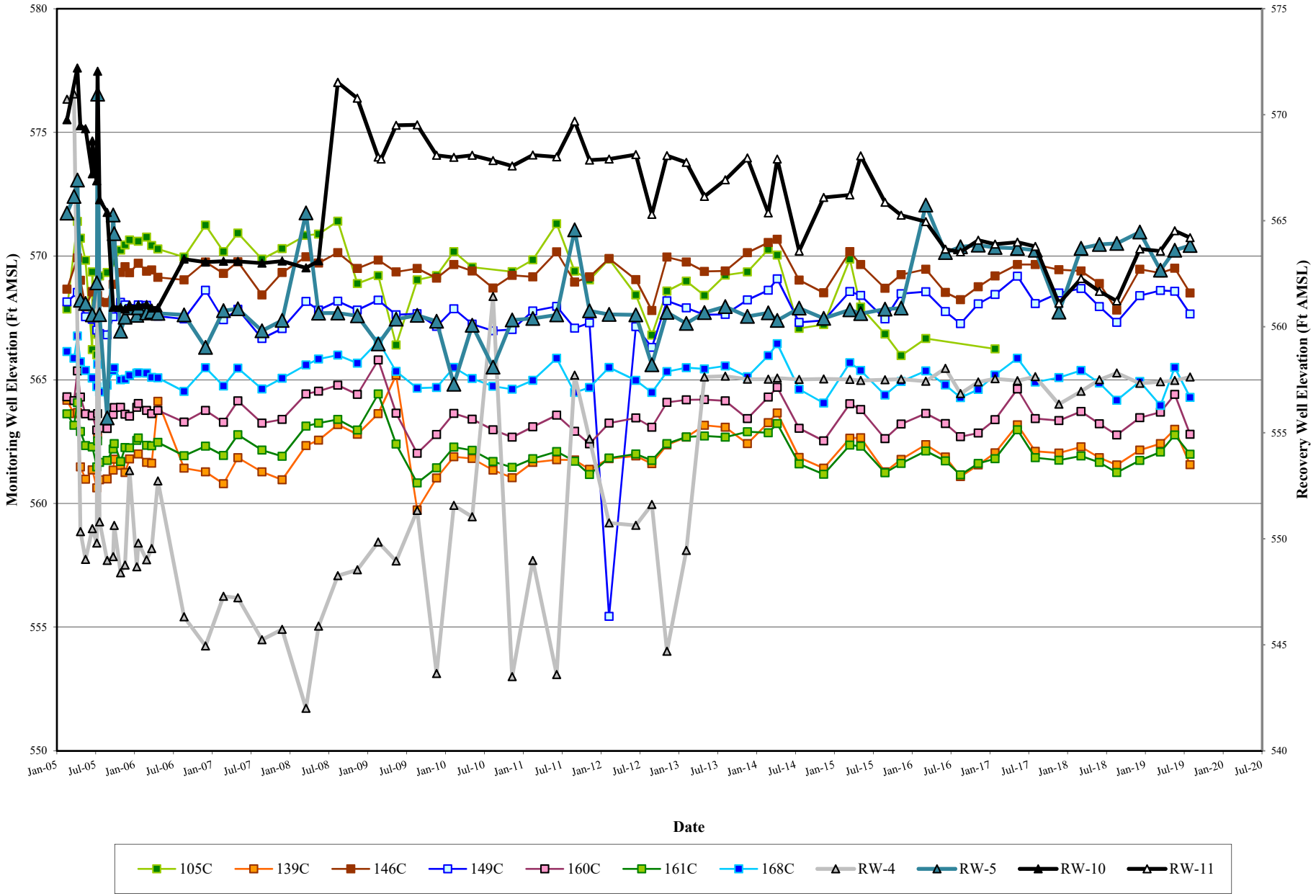
LEGEND

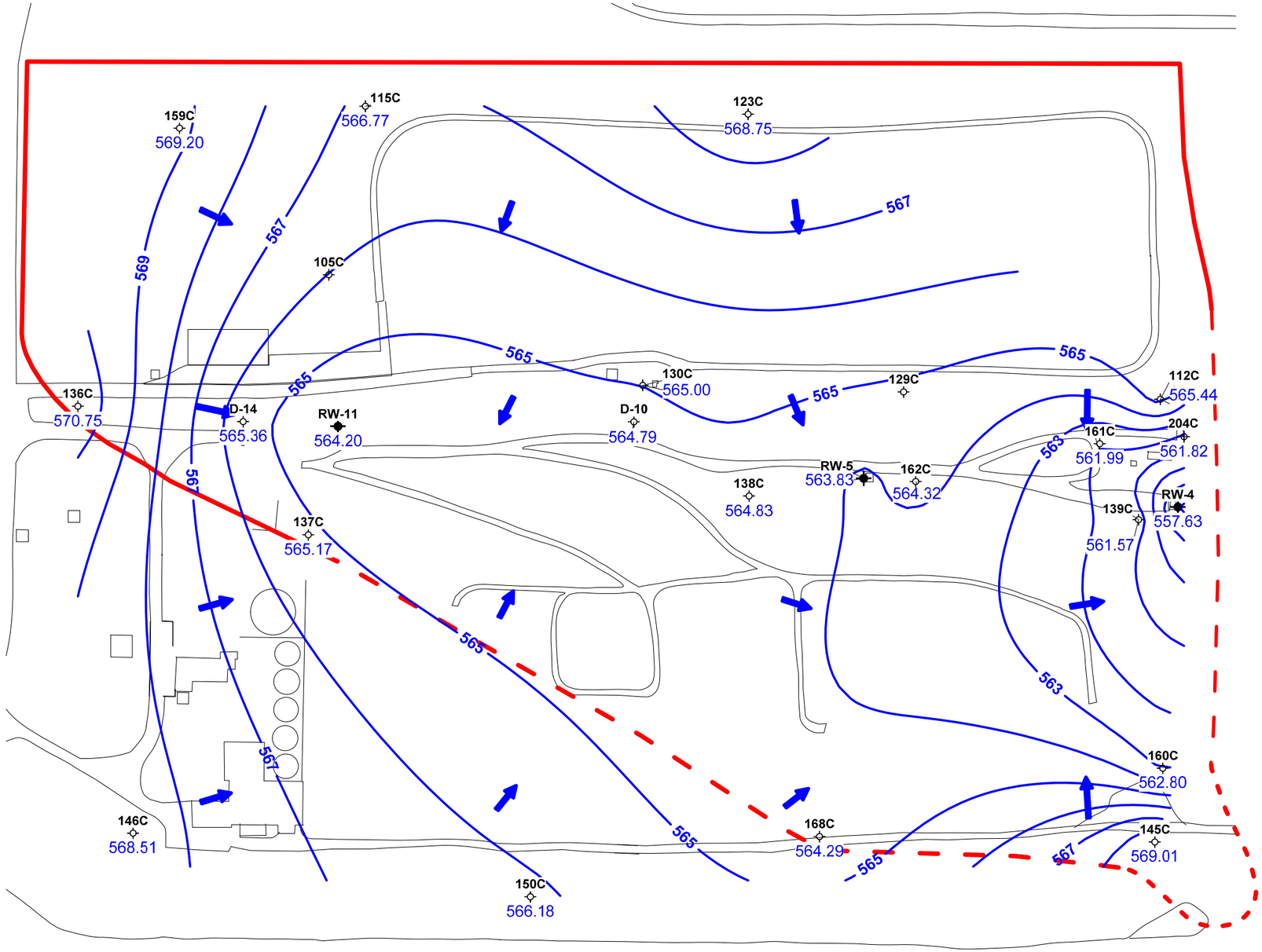
- 3B — Well ID
- Monitoring Well
- Pumping Well
- Potentiometric Contour
- Structure
- Road
- Source Area Extent
- Approximate Location of Bedrock Fractured Blast Trench

Figure 5
Potentiometric Surface Map
Chemours Necco Park: B-Zone
July 31, 2019

Figure 6
Select C-Zone Monitoring Wells
Groundwater Elevations 2005 Through 3rd Quarter 2019
Chemours Necco Park



Necco 2019 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 was erroneously high and was not used in the contouring.
Well 105C was dry.

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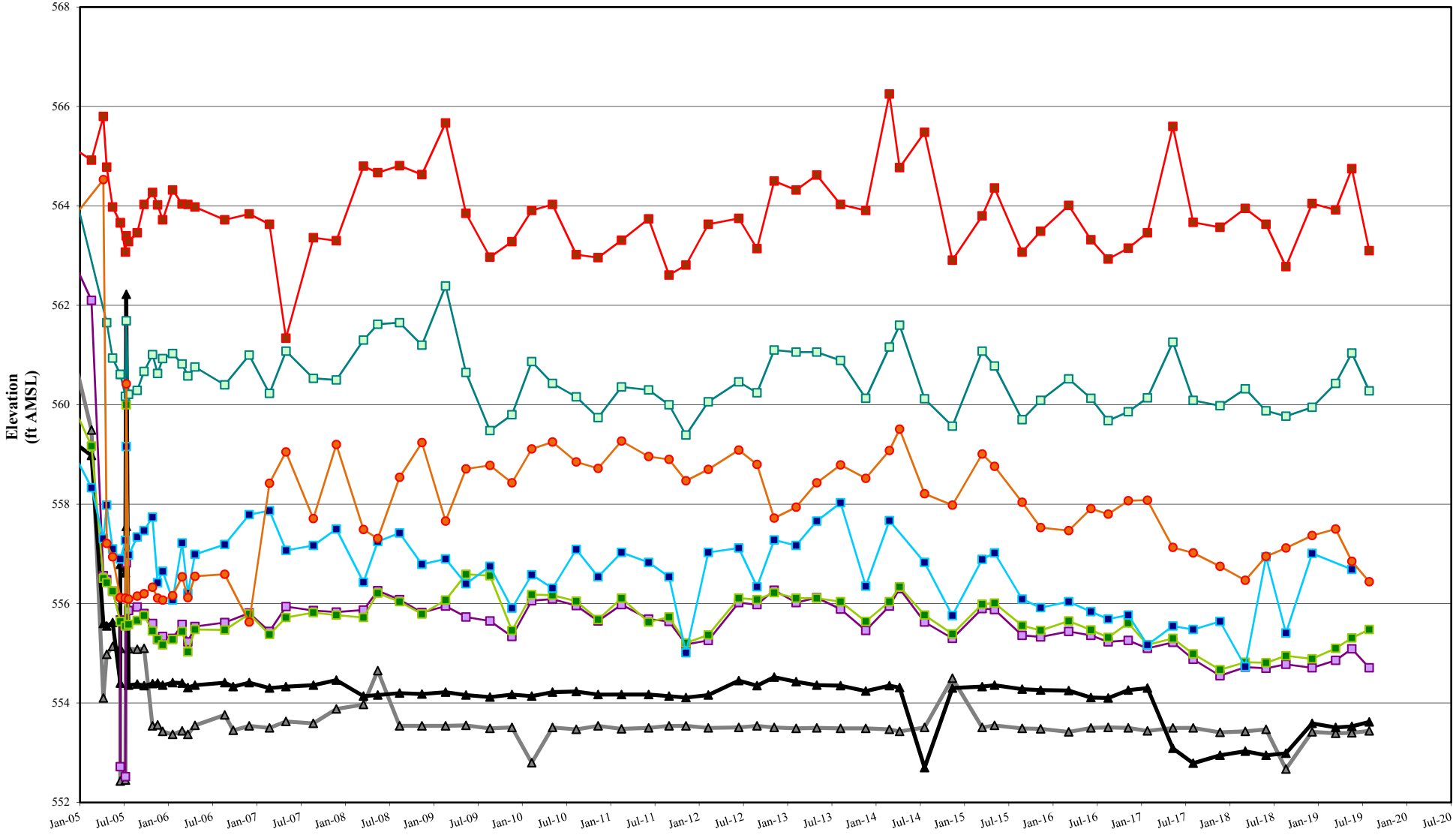
LEGEND

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

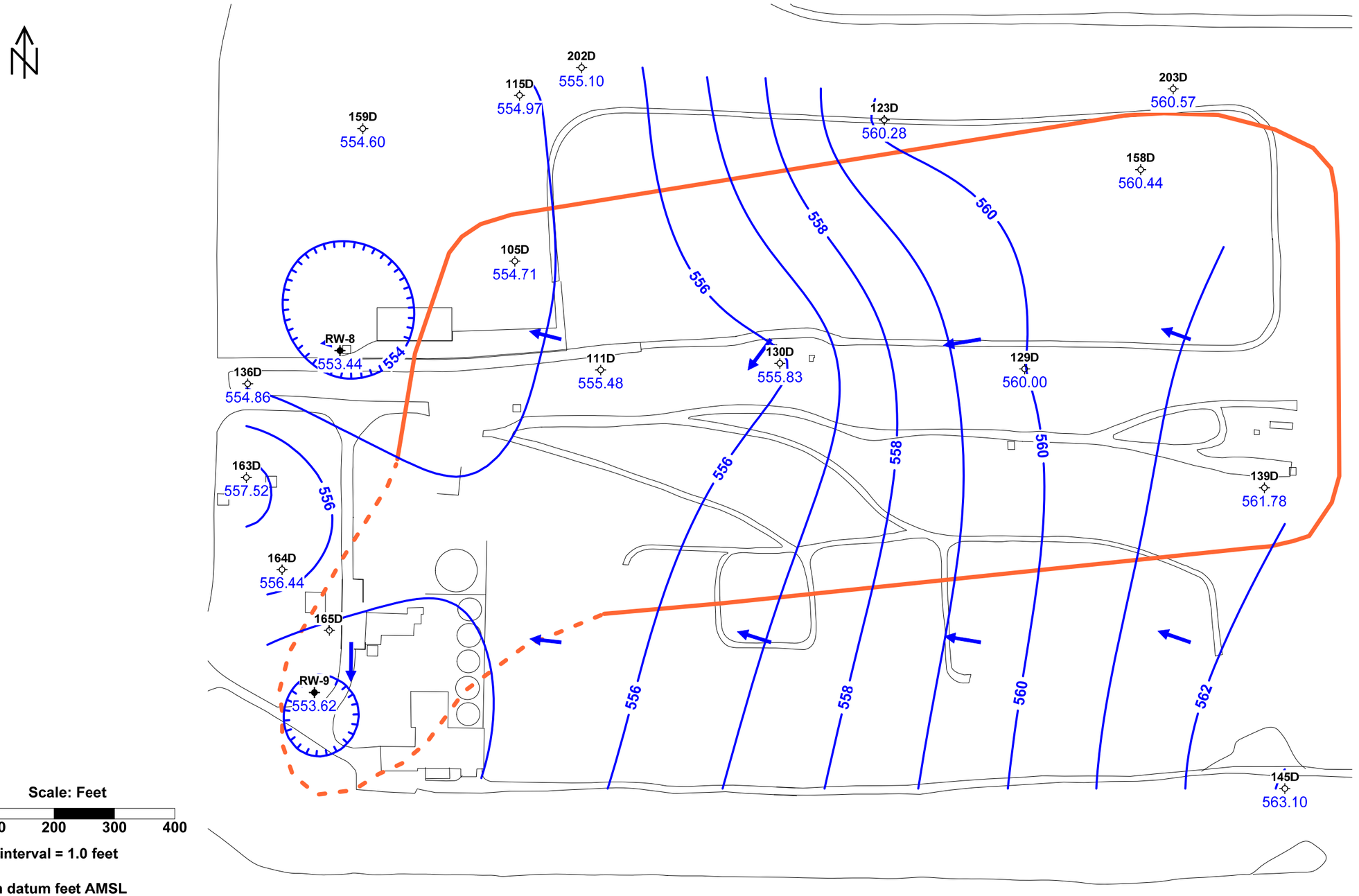
Figure 7
Potentiometric Surface Map
Chemours Necco Park: C-Zone
July 31, 2019

Figure 8
Select D-Zone Monitoring Wells
Groundwater Elevations 2005 through 3rd Quarter 2019
Chemours Necco Park



Note: Well 149D water level was anomalously high in 1Q19 (564.31) and in 3Q19 (571.2). These events are not included in the hydrograph .

Necco 2019 D Zone Water Elev Trends.xlsx



Scale: Feet

0 100 200 300 400

Contour interval = 1.0 feet

Elevation datum feet AMSL

Well 148D located downgradient was not used in the interpolation.
Wells 149D and 165D were not used in the contour interpolation.

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Job number: 451478.02024	

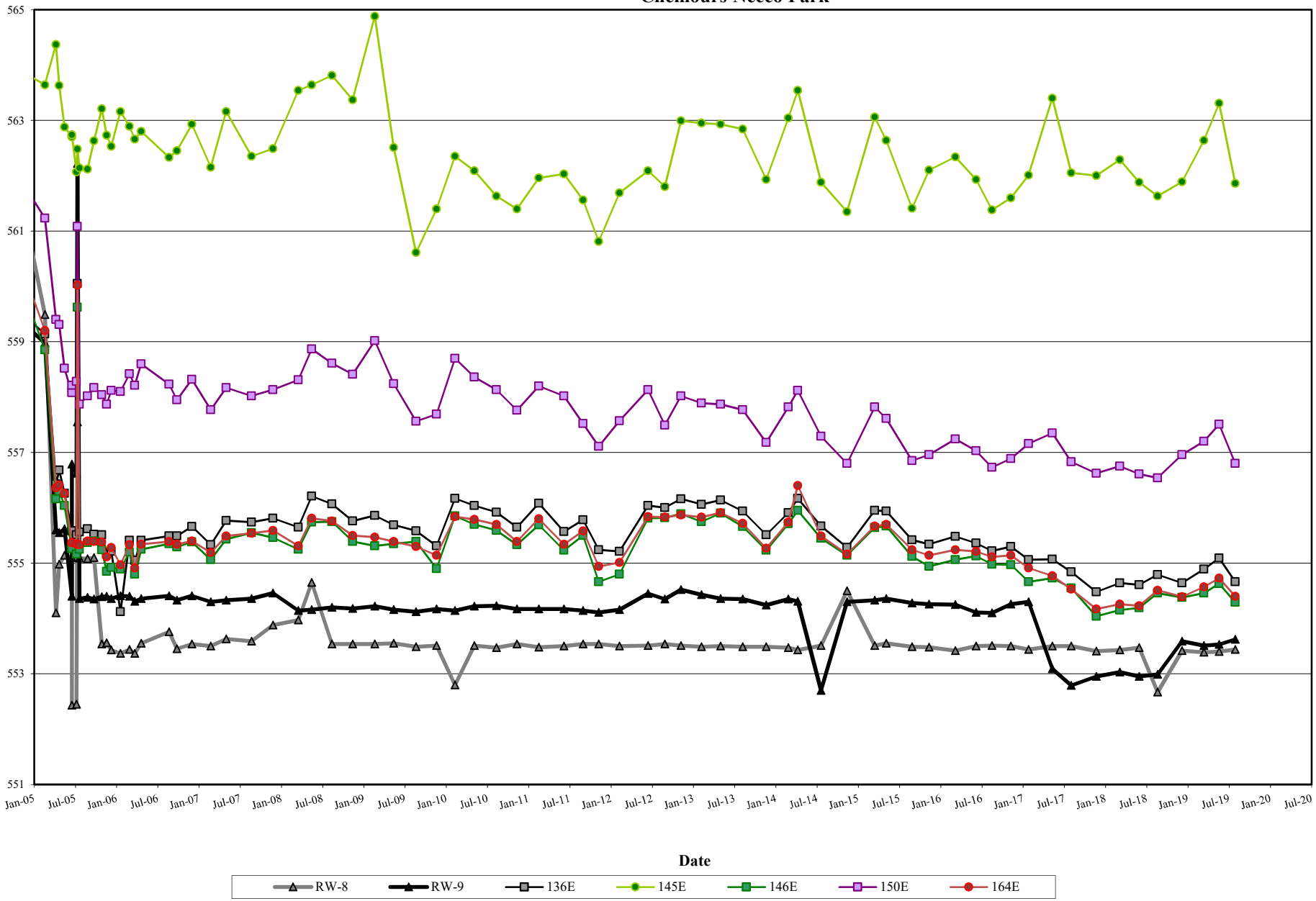
LEGEND

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

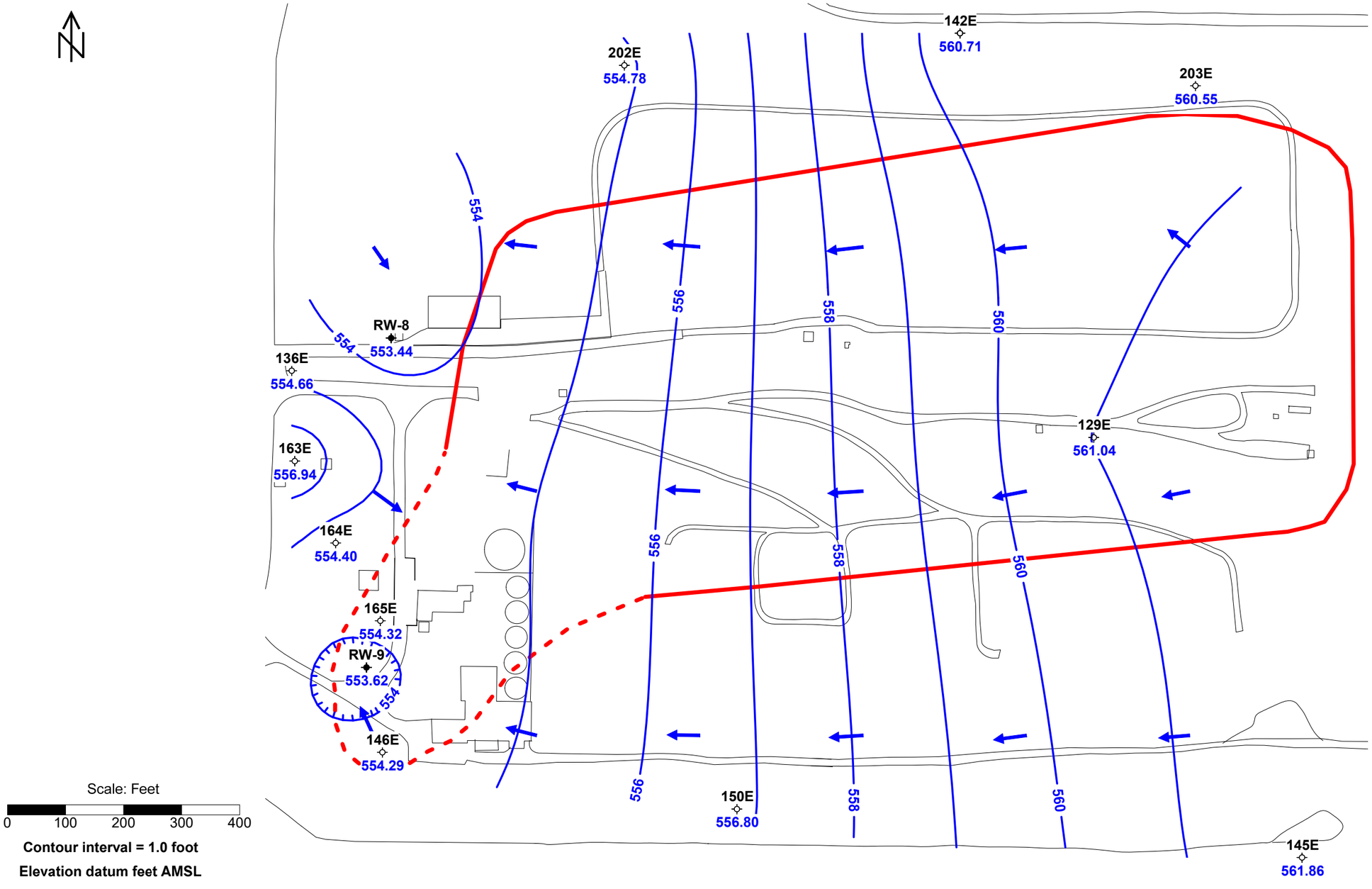
Figure 9
Potentiometric Surface Map
Chemours Necco Park: D-Zone
July 31, 2019

//nybuf03fs01/Dupont$/Necco/HydroGeo/Hydro/GW_contours/2019-07-31 NEC Contour Tool/2019-07-31 - PZ D - F9.srf

Figure 10
Select E-Zone Monitoring Wells
Groundwater Elevations 2005 Through 3rd Quarter 2019
Chemours Necco Park



Necco 2019 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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Job number: 451478.02024		

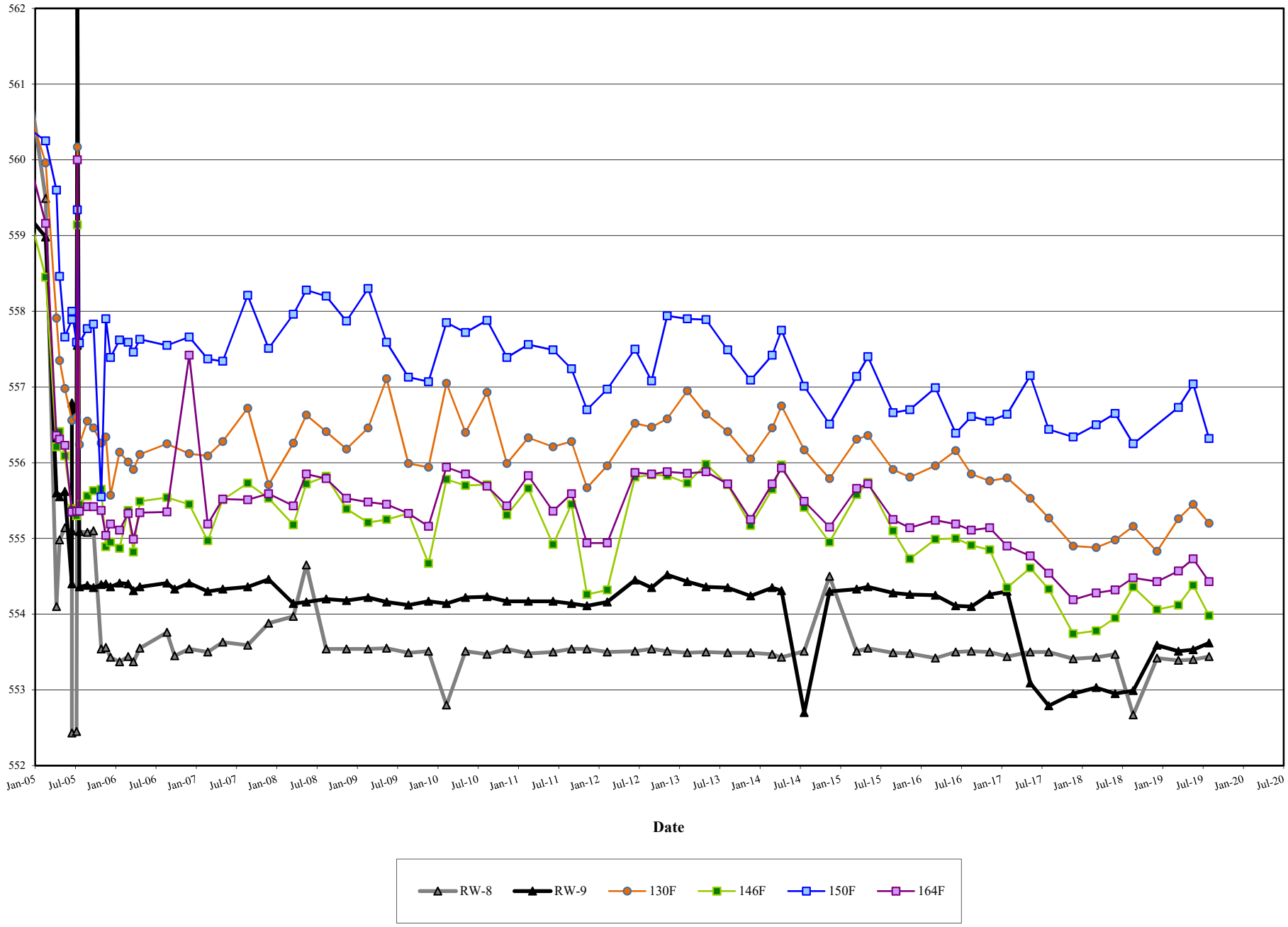
LEGEND

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

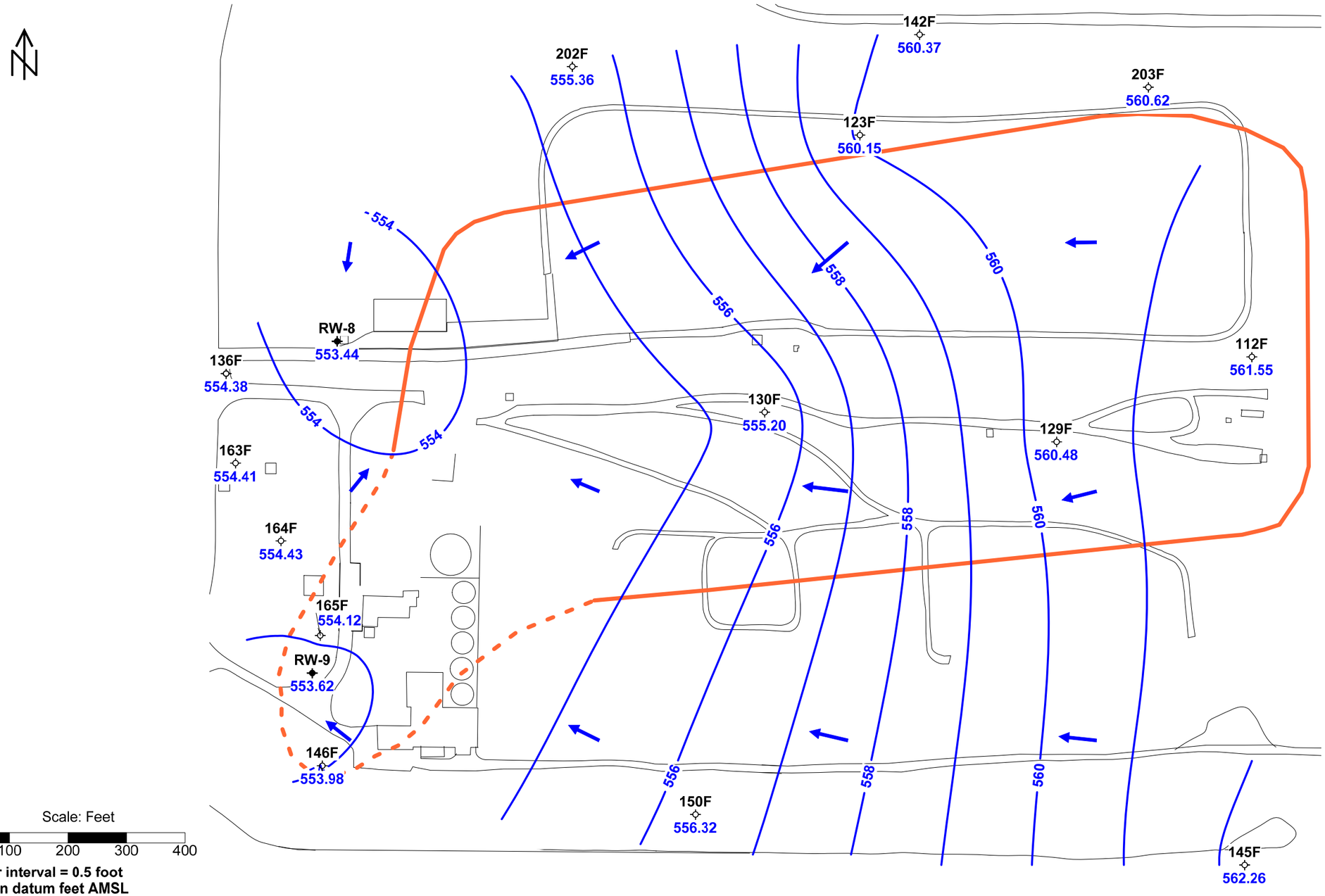
Figure 11
Potentiometric Surface Map
Chemours Necco Park: E-Zone
July 31, 2019

//nybuf03fs01/Dupont$/Necco/HydroGeo/Hydro/GW_contours/2019-07-31 NEC Contour Tool/2019-07-31 - PZ E - F11.srf

Figure 12
Select F-Zone Monitoring Wells
Groundwater Elevations 2005 Through 3rd Quarter 2019
Chemours Necco Park



Necco 2019 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
- Monitoring Well
- Pumping Well
- Potentiometric Contour
- Structure
- Road
- Source Area Extent

Figure 13
Potentiometric Surface Map
Chemours Necco Park: F-Zone
July 31, 2019

//nybuf03fs01/Dupont$/Necco/HydroGeo/Hydro/GW_contours/2019-07-31 NEC Contour Tool/2019-07-31 - PZ F - F13.srf

APPENDIX A

CHEMOURS NECCO PARK
GROUNDWATER ELEVATION DATA
THIRD QUARTER 2019

APPENDIX A
GROUNDWATER ELEVATION DATA - 3Q19
Chemours Necco Park

Location ID	Date Measured	Depth to Water	Reference Elevation	Groundwater Elevation	Time Measured
102B	07/31/2019	22.02	599.01	576.99	12:02
105C	07/31/2019	well dry	595.28	well dry	12:38
105D	07/31/2019	40.06	594.77	554.71	12:36
111A	07/31/2019	14.18	586.89	572.71	11:01
111B	07/31/2019	14.46	584.94	570.48	11:08
111D	07/31/2019	28.82	584.30	555.48	11:06
112B	07/31/2019	9.24	581.90	572.66	11:37
112C	07/31/2019	17.49	582.93	565.44	11:36
112F	07/31/2019	21.74	583.29	561.55	11:36
115C	07/31/2019	29.16	595.93	566.77	12:24
115D	07/31/2019	41.65	596.62	554.97	12:26
116B	07/31/2019	15.84	590.05	574.21	10:54
118B	07/31/2019	13.60	583.90	570.30	11:41
119A	07/31/2019	11.98	586.34	574.36	11:21
119B	07/31/2019	13.88	586.77	572.89	11:22
120B	07/31/2019	26.08	599.18	573.10	12:15
123A	07/31/2019	21.34	597.93	576.59	12:07
123B	07/31/2019	19.22	595.98	576.76	12:11
123C	07/31/2019	26.67	595.42	568.75	12:10
123D	07/31/2019	36.23	596.51	560.28	12:08
123F	07/31/2019	38.42	598.57	560.15	12:06
129A	07/31/2019	10.73	584.80	574.07	11:30
129B	07/31/2019	13.41	585.24	571.83	11:28
129C	07/31/2019	11.71	585.68	573.97	11:29
129D	07/31/2019	26.03	586.03	560.00	11:26
129E	07/31/2019	19.84	580.88	561.04	11:40
129F	07/31/2019	20.88	581.36	560.48	11:38
130B	07/31/2019	12.69	585.63	572.94	11:15
130C	07/31/2019	20.51	585.51	565.00	11:18
130D	07/31/2019	29.13	584.96	555.83	11:16
130F	07/31/2019	26.29	581.49	555.20	12:07
131A	07/31/2019	4.56	585.43	580.87	11:33
136B	07/31/2019	8.10	581.69	573.59	10:35
136C	07/31/2019	10.87	581.62	570.75	10:34
136D	07/31/2019	24.82	579.68	554.86	10:33
136E	07/31/2019	24.93	579.59	554.66	10:32
136F	07/31/2019	25.95	580.33	554.38	10:30
136F	07/31/2019	25.88	580.33	554.45	12:43
136G	07/31/2019	22.89	579.76	556.87	10:31
137A	07/31/2019	7.83	578.47	570.64	12:36
137B	07/31/2019	8.28	578.31	570.03	12:39
137C	07/31/2019	13.22	578.39	565.17	12:40

APPENDIX A
GROUNDWATER ELEVATION DATA - 3Q19
Chemours Necco Park

Location ID	Date Measured	Depth to Water	Reference Elevation	Groundwater Elevation	Time Measured
137D	07/31/2019	15.62	579.09	563.47	12:37
138B	07/31/2019	12.09	583.98	571.89	11:57
138C	07/31/2019	22.23	587.06	564.83	11:56
139A	07/31/2019	13.65	585.14	571.49	11:27
139B	07/31/2019	14.67	585.39	570.72	11:24
139C	07/31/2019	23.70	585.27	561.57	11:22
139D	07/31/2019	23.71	585.49	561.78	11:20
140A	07/31/2019	6.33	581.55	575.22	12:46
142E	07/31/2019	25.29	586.00	560.71	12:07
142F	07/31/2019	25.32	585.69	560.37	12:09
145A	07/31/2019	5.34	575.84	570.50	11:54
145B	07/31/2019	6.33	575.48	569.15	11:57
145C	07/31/2019	6.89	575.90	569.01	11:00
145D	07/31/2019	12.95	576.05	563.10	10:57
145E	07/31/2019	14.12	575.98	561.86	11:55
145F	07/31/2019	13.79	576.05	562.26	11:57
146AR	07/31/2019	6.68	576.92	570.24	10:45
146B	07/31/2019	6.99	576.90	569.91	10:42
146C	07/31/2019	7.84	576.35	568.51	10:43
146E	07/31/2019	21.79	576.08	554.29	10:44
146F	07/31/2019	22.06	576.04	553.98	10:43
148D	07/31/2019	10.22	579.38	569.16	11:24
148F	07/31/2019	23.63	576.21	552.58	11:26
149B	07/31/2019	3.90	572.87	568.97	12:27
149C	07/31/2019	5.60	573.26	567.66	12:28
149D	07/31/2019	1.63	572.86	571.23	12:29
150A	07/31/2019	7.21	575.86	568.65	11:39
150B	07/31/2019	6.80	575.99	569.19	11:41
150C	07/31/2019	9.95	576.13	566.18	11:42
150E	07/31/2019	19.35	576.15	556.80	11:44
150F	07/31/2019	19.66	575.98	556.32	11:45
151B	07/31/2019	6.82	573.36	566.54	12:20
151C	07/31/2019	5.19	573.18	567.99	12:18
158D	07/31/2019	37.76	598.20	560.44	11:51
159A	07/31/2019	19.03	596.16	577.13	12:30
159B	07/31/2019	25.20	596.37	571.17	12:30
159C	07/31/2019	28.16	597.36	569.20	12:31
159D	07/31/2019	43.07	597.67	554.60	12:32
160B	07/31/2019	13.23	582.75	569.52	11:03
160C	07/31/2019	19.92	582.72	562.80	11:03
161B	07/31/2019	11.42	582.84	571.42	11:29
161C	07/31/2019	20.65	582.64	561.99	11:31

APPENDIX A
GROUNDWATER ELEVATION DATA - 3Q19
Chemours Necco Park

Location ID	Date Measured	Depth to Water	Reference Elevation	Groundwater Elevation	Time Measured
162C	07/31/2019	16.68	581.00	564.32	11:45
163A	07/31/2019	5.74	578.14	572.40	10:41
163B	07/31/2019	5.42	577.94	572.52	10:40
163D	07/31/2019	21.30	578.82	557.52	10:41
163E	07/31/2019	22.12	579.06	556.94	10:42
163F	07/31/2019	24.35	578.76	554.41	10:43
164D	07/31/2019	20.98	577.42	556.44	10:47
164E	07/31/2019	22.92	577.32	554.40	10:46
164F	07/31/2019	22.84	577.27	554.43	10:45
165D	07/31/2019	14.38	577.52	563.14	10:30
165E	07/31/2019	23.24	577.56	554.32	10:33
165F	07/31/2019	23.60	577.72	554.12	10:34
167B	07/31/2019	11.04	580.93	569.89	11:35
168A	07/31/2019	7.68	578.72	571.04	10:54
168B	07/31/2019	11.54	578.90	567.36	10:53
168C	07/31/2019	14.92	579.21	564.29	10:51
169B	07/31/2019	10.65	580.43	569.78	11:06
170B	07/31/2019	10.50	579.10	568.60	11:05
171B	07/31/2019	10.14	579.54	569.40	11:00
172B	07/31/2019	7.94	576.95	569.01	11:48
173A	07/31/2019	9.55	580.71	571.16	12:16
174A	07/31/2019	6.28	577.62	571.34	12:42
175A	07/31/2019	12.30	586.81	574.51	10:24
176A	07/31/2019	8.65	580.03	571.38	12:33
178A	07/31/2019	8.71	579.92	571.21	12:19
179A	07/31/2019	7.73	579.01	571.28	12:31
184A	07/31/2019	8.80	579.88	571.08	12:10
185A	07/31/2019	9.52	580.84	571.32	12:00
186A	07/31/2019	11.20	579.76	568.56	11:54
187A	07/31/2019	10.42	579.94	569.52	11:52
188A	07/31/2019	14.07	580.91	566.84	11:50
189A	07/31/2019	11.39	579.82	568.43	11:43
190A	07/31/2019	11.70	580.58	568.88	11:36
191AR	07/31/2019	10.05	580.62	570.57	11:33
192A	07/31/2019	12.56	584.08	571.52	11:25
193A	07/31/2019	11.51	584.13	572.62	11:07
194A	07/31/2019	13.37	584.35	570.98	11:17
201B	07/31/2019	10.06	579.25	569.19	12:27
202D	07/31/2019	37.63	592.73	555.10	12:21
202E	07/31/2019	37.95	592.73	554.78	12:21
202F	07/31/2019	37.37	592.73	555.36	12:22
203D	07/31/2019	33.28	593.85	560.57	11:55

APPENDIX A
GROUNDWATER ELEVATION DATA - 3Q19
Chemours Necco Park

Location ID	Date Measured	Depth to Water	Reference Elevation	Groundwater Elevation	Time Measured
203E	07/31/2019	33.30	593.85	560.55	11:58
203F	07/31/2019	33.23	593.85	560.62	11:59
204C	07/31/2019	19.95	581.77	561.82	11:09
BZTW-1	07/31/2019	8.82	579.67	570.85	12:01
BZTW-2	07/31/2019	8.25	579.38	571.13	12:18
BZTW-4	07/31/2019	5.00	578.18	573.18	10:51
D-10	07/31/2019	15.23	580.02	564.79	12:03
D-11	07/31/2019	6.86	578.07	571.21	12:23
D-13	07/31/2019	6.25	579.07	572.82	12:46
D-14	07/31/2019	13.65	579.01	565.36	12:47
D-23	07/31/2019	12.51	580.61	568.10	11:42
D-9	07/31/2019	7.50	580.15	572.65	12:05
PZ-205B	07/31/2019	8.47	579.38	570.91	12:21
PZ-A	07/31/2019	8.92	579.06	570.14	12:24
PZ-B	07/31/2019	9.61	579.47	569.86	12:26
RDB-3	07/31/2019	5.61	579.31	573.70	10:37
RDB-5	07/31/2019	4.72	578.57	573.85	10:50
RW-11	07/31/2019	14.58	578.78	564.20	12:29
RW-4	07/31/2019	23.89	581.52	557.63	11:18
RW-5	07/31/2019	15.05	578.88	563.83	11:47
RW-8	07/31/2019	32.08	585.52	553.44	10:57
RW-9	07/31/2019	21.51	575.13	553.62	10:37
TRW-6	07/31/2019	9.36	580.21	570.85	12:15
TRW-7	07/31/2019	7.37	577.89	570.52	12:44

APPENDIX B

CHEMOURS NECCO PARK
GWTF PROCESS SAMPLING RESULTS
THIRD QUARTER 2019

Appendix B
Summary of Analytical Results
Chemours Necco Park
Third Quarter 2019

Method	Code	Parameter Name	Location Date Units	BC-INFLUENT 7/31/2019 FS	DEF-INFLUENT 7/31/2019 FS	COMB-EFFLUENT 7/31/2019 FS	TRIP BLANK 7/31/2019 TB
		Field Parameters					
		COLOR	NONE	Cloudy	Clear	Clear	
		ODOR	NONE	Strong	Strong	None	
		OXIDATION REDUCTION POTENTIAL	MV	-13	-247	-207	
		PH	STD UNITS	5.45	6.97	7.87	
		SPECIFIC CONDUCTANCE	UMHOS/CM	6670	4380	505	
		TEMPERATURE	DEGREES C	16.78	16.08	19.46	
		TURBIDITY QUANTITATIVE	NTU	51.1	34	33.4	
		Volatile Organics					
8260C	79-34-5	1,1,2,2-Tetrachloroethane	UG/L	6600	1400	230	<0.13
8260C	79-00-5	1,1,2-Trichloroethane	UG/L	3400	2100	82	<0.09
8260C	75-35-4	1,1-Dichloroethene	UG/L	480 J	310	<0.95	<0.19
8260C	107-06-2	1,2-Dichloroethane	UG/L	700 J	190 J	6.1	<0.21
8260C	56-23-5	Carbon Tetrachloride	UG/L	8000	940	1.5 J	<0.26
8260C	67-66-3	Chloroform	UG/L	20000	2900	52	<0.13
8260C	156-59-2	cis-1,2 Dichloroethene	UG/L	9000	11000	25	<0.16
8260C	75-09-2	Methylene Chloride	UG/L	3600 B	4900 B	22 B	7.2
8260C	127-18-4	Tetrachloroethene	UG/L	8800	650	15	<0.15
8260C	156-60-5	trans-1,2-Dichloroethene	UG/L	480 J	720	<0.95	<0.19
8260C	79-01-6	Trichloroethene	UG/L	15000	3700	13	<0.1
8260C	75-01-4	Vinyl Chloride	UG/L	2400	1700	<1	<0.2
		Total VOCs	UG/L	78460	30510	446.6	7.2

< Not detected at stated reporting limit

J Estimated concentration

B Parameter found in blank