The Chemours Company
Buffalo Avenue & 26th Street
Building 35 – 4th Floor
Niagara Falls, NY 14302

(716) 278-5100t
chemours.com

November 22, 2016

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 2016 DATA PACKAGE

Enclosed are two copies of the *Third Quarter 2016 (3Q16) 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 3Q16 monitoring summary for dense non-aqueous phase liquid (DNAPL).

Pumping system uptime for 3Q16 was 71.2 percent. The total volume of groundwater treated during 3Q16 was 2,471,085 gallons. DNAPL was monitored monthly and no DNAPL was observed during the quarter.

Please contact me at (716) 278-5496 if you have any questions or comments regarding this submittal.

Sincerely,

CORPORATE REMEDIATION GROUP

Paul F. Mazierski
Project Director

Enc. 3Q2016 Data Package

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

SOURCE AREA HYDRAULIC CONTROL SYSTEM
THIRD QUARTER 2016
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 2016

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 2016 (3Q16) 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, and 2015).

This is the 45th 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 3Q16:

	HCS Uptime (%)	Groundwater Treated (gallons)	DNAPL Removed (gallons)
July	33.8%	428,081	0
August	91.9%	1,146,714	0
September	88.0%	896,290	0
3Q16 Total	**71.2%**	**2,471,085**	**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. There was no unscheduled HCS downtime greater than 48 hours in 3Q16. There was one scheduled HCS downtime event that began during the second quarter and extended into the third quarter of 2016. The treatment system was shut down on June 15 for scheduled inspection, and repairs under warranty of the coatings installed within the process tanks in 2015. This work included: treating water in all tanks to empty them, water-pressure cleaning the tanks, inspecting/testing, and recoating certain sections with Belzona™ epoxy coating. This work was completed and the treatment system resumed normal operation on July 20.

There was one scheduled well downtime event during the quarter that was greater than 48 hours. All of the recovery wells were down between July 1 and July 20 (approximately 480 hours) for the internal coating repairs of the process tanks as discussed above.

There were three unscheduled individual well shutdowns that were greater than 48 hours in 3Q16 all at RW-5 due to buildup of solids on the pump impeller:

- August 13 to August 15 at for approximately 49 hours;
- September 3 to September 6 for approximately 51 hours; and
- September 21 to September 26 approximately 112 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 during 3Q16. No DNAPL was observed in any of the wells during the monthly 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 3Q16 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 17, 2016 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 3Q16 sewer discharge samples were collected on August 10, 2016 (following NFWB quarterly calendar). There were no permit limit exceedances in 3Q16. The results indicate that the GWTF continued operating within normal parameters during 3Q16.

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, 2012. 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

TABLES

Table 1

Individual Well Shutdown Summary for 3Q16
Chemours Necco Park

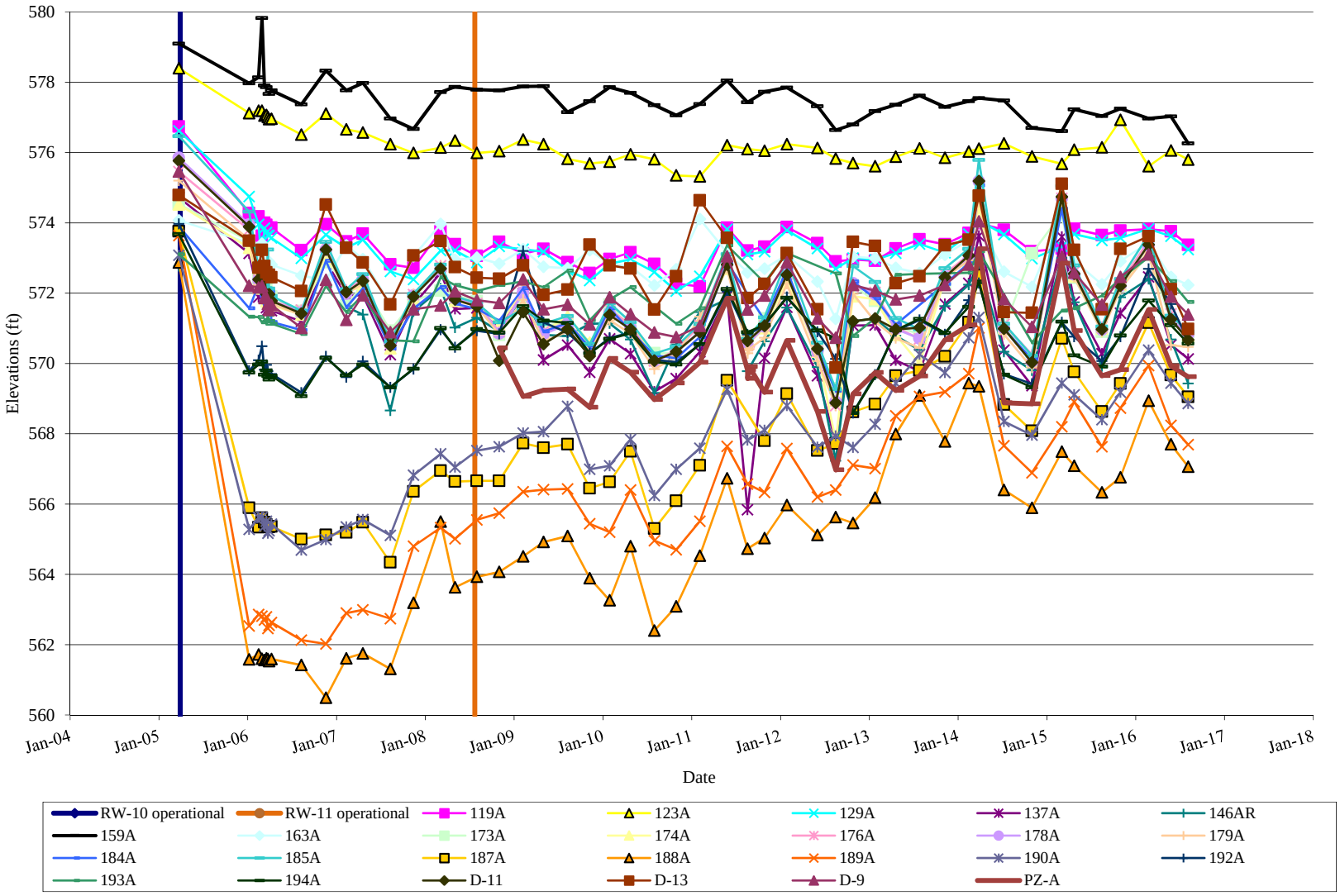
	Well ID	Date(s)	Length of Shutdown (hours)	Reason for Shutdown	Remarks
July	All recovery wells	July 1 through 20	480	Scheduled: Influent and effluent tanks internal coating repairs	
August	RW-5	August 13 through 15	49	Unscheduled: solids build-up causing pump to fail	
September	RW-5	September 3 through 6	51	Unscheduled: solids build-up causing pump to fail	
	RW-5	September 21 through 26	112	Unscheduled: pump impeller failure	

Table 2
Historical HCS Operational Summary - 3Q16
Chemours Necco Park

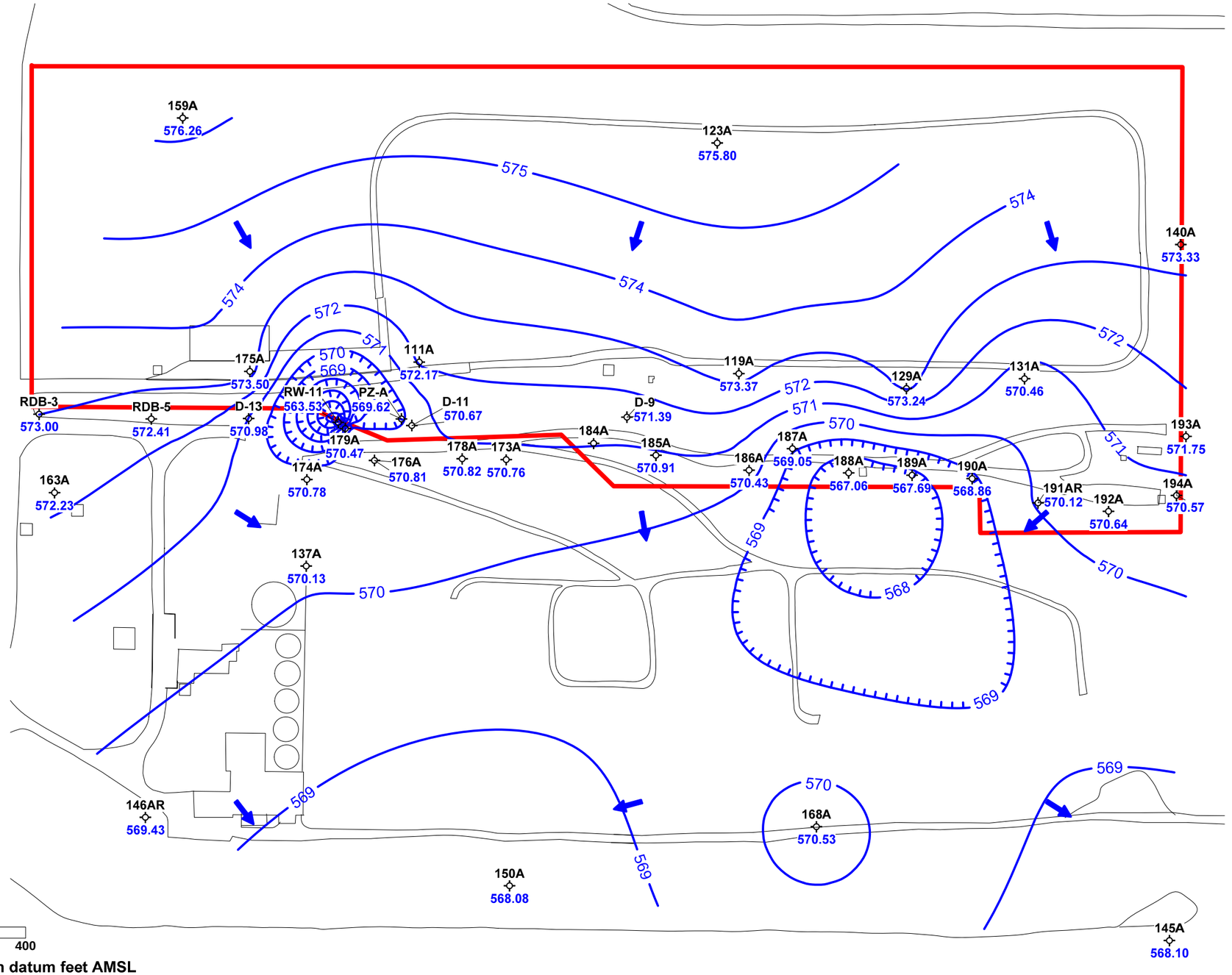
Reporting Period	HCS Uptime (%)	HCS Uptime Excluding Scheduled Maintenance Downtime (%)	Groundwater Treated (Gallons)	DNAPL Removed (Gallons)
2Q05	97.3	97.6	3,349,590	73.5
3Q05	89.3	91.4	3,117,280	30
4Q05	93.6	96.5	3,225,819	0
1Q06	99.4	99.4	2,889,134	24
2Q06	97.5	98.1	3,486,835	74
3Q06	88.7	90.9	3,181,365	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
TOTALS	**---**	**---**	**156,159,457**	**1,402**
AVERAGE	**90.0**	**93.7**	**---**	**---**

FIGURES

Figure 1
Select A-Zone Monitoring Wells
Groundwater Elevations 2005 Through 3rd Quarter 2016
Chemours Necco Park



Necco 2016 A Zone Water Elev Trends.xlsx



Scale: Feet

0 100 200 300 400

Contour Interval = 1 foot Elevation datum feet AMSL

Water level for 184A was not collected in August 2016 due to a large wasp nest.

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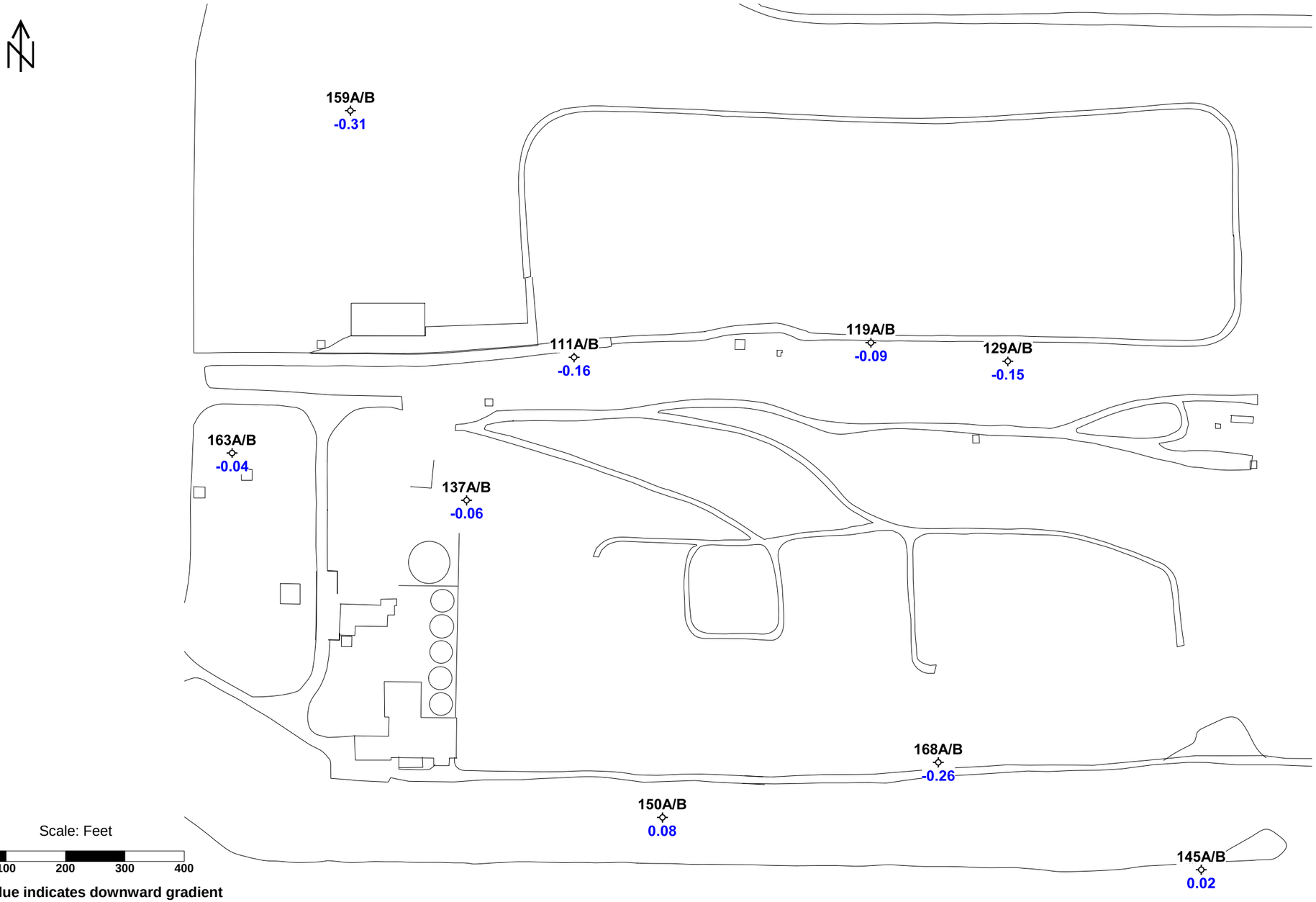
40 La Riviere Dr, Suite 350
Buffalo, NY 14202
(716) 541-0730

Created by: RBP	Date: 8-31-2016
Checked by: JWS	Date: 9-9-2016
Project Manager: EAF	Date: 9-9-2016
Job number: 449799.02020	

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 17, 2016



Negative value indicates downward gradient

Elevation datum feet AMSL

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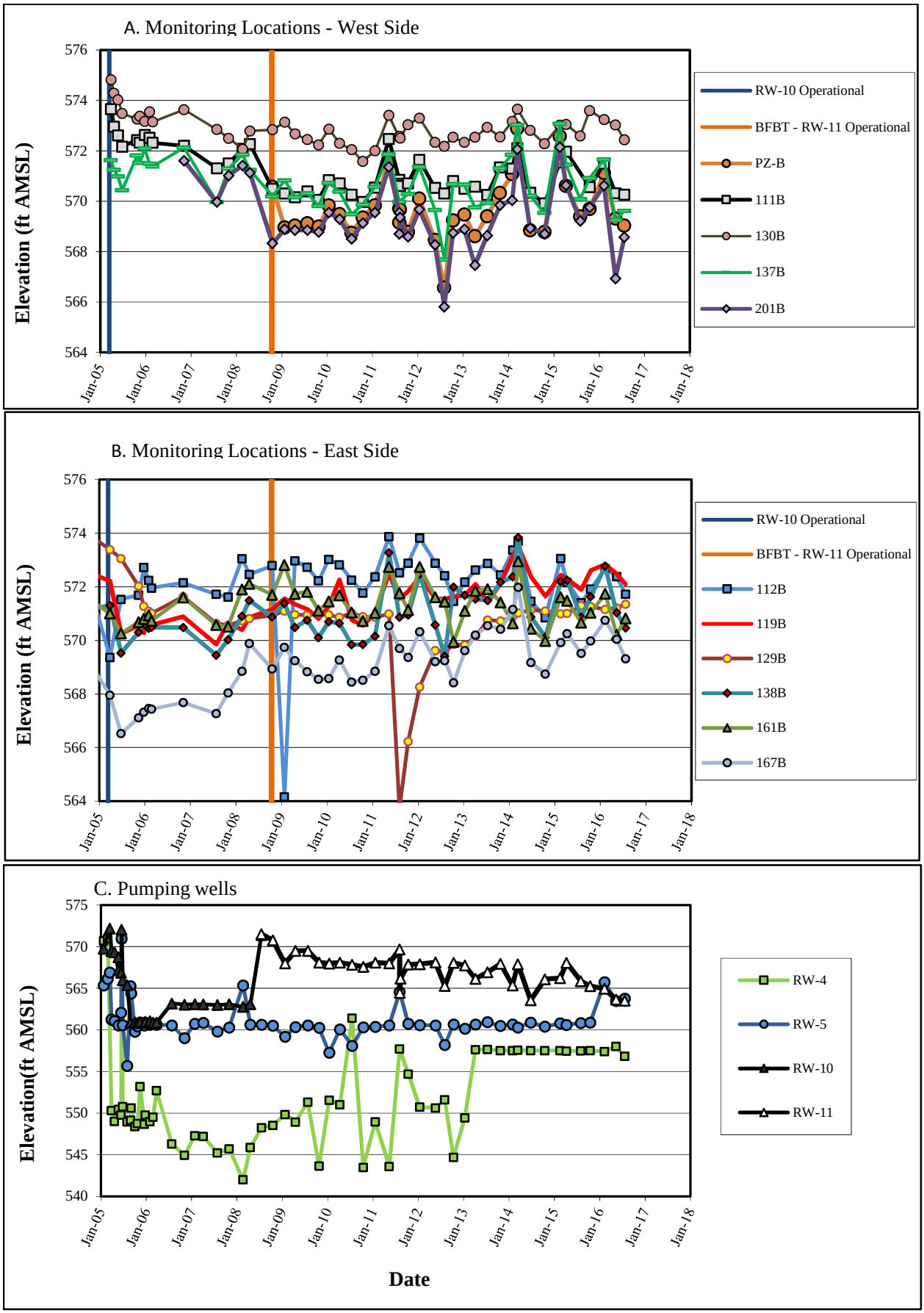
LEGEND

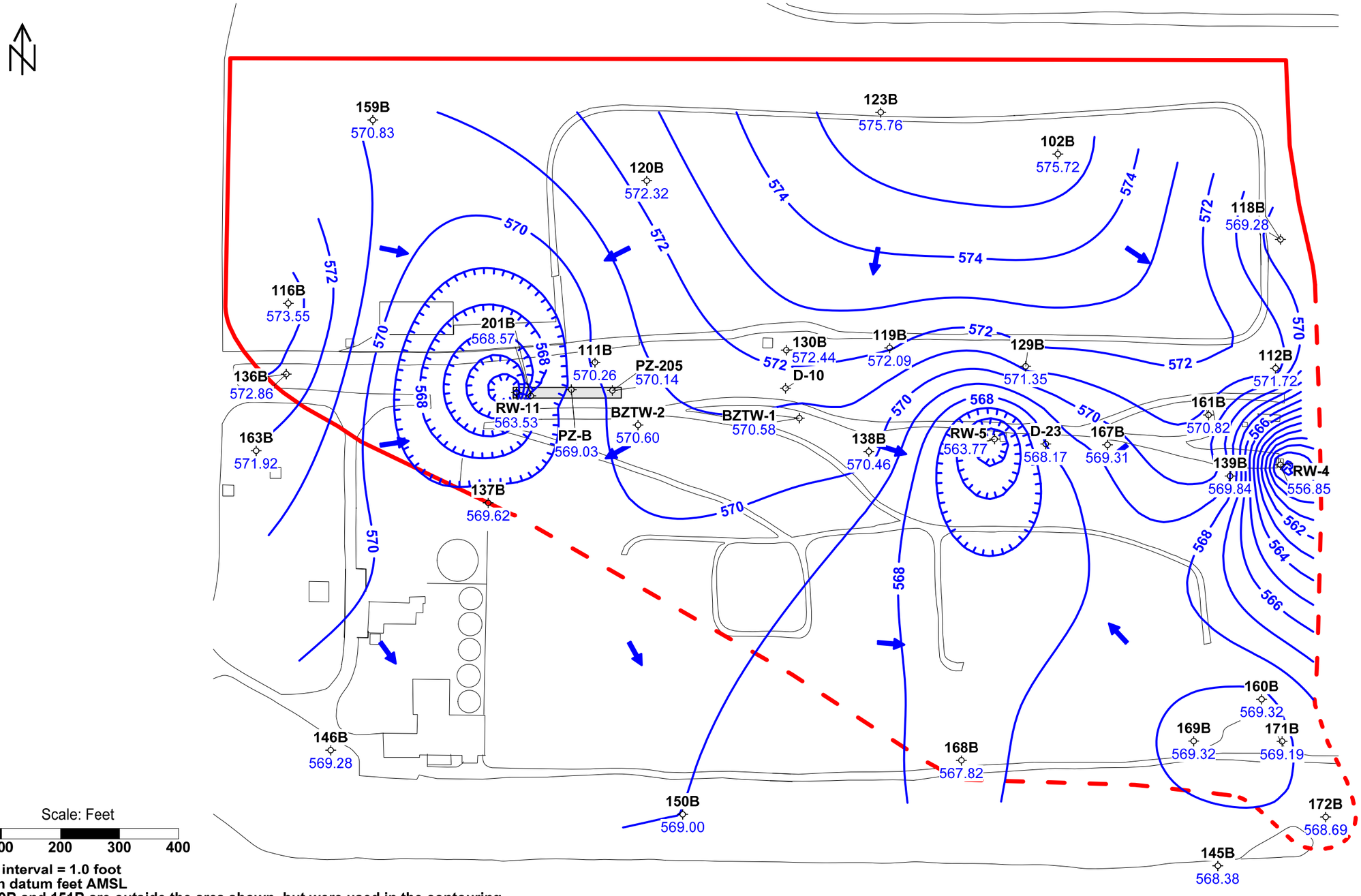
150A/B	Well ID	Structure	-0.14 Vertical Hydraulic Gradient
	Monitoring Well		
	Pumping Well	Road	

Figure 3
Vertical Gradient: A-Zone to B-Zone
Chemours Necco Park
August 17, 2016

//nybuf03fs01/DupontS/Necco/HydroGeo/Hydro/GW_contours/2016-08-17 NEC Contour Tool/2016-08-17 - ABvgrad - F3.srf

Figure 4
Select B-Zone Monitoring Wells
Groundwater Elevations 2005 through 3rd Quarter 2016
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, TRW-6, and TRW-7 were not used in the contouring.

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Buffalo, NY 14202
(716) 541-0730

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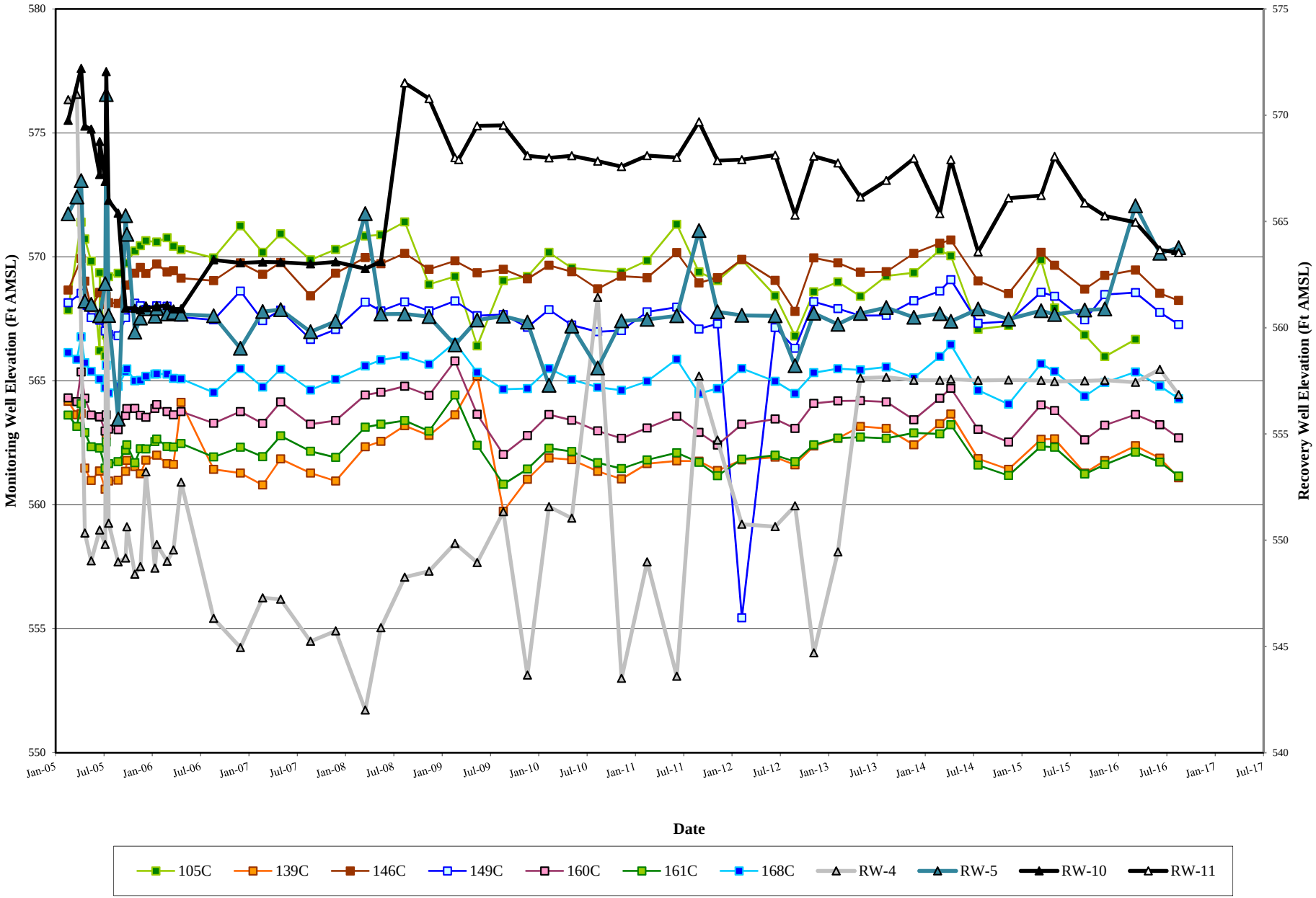
Job number: 449799.02020		

LEGEND

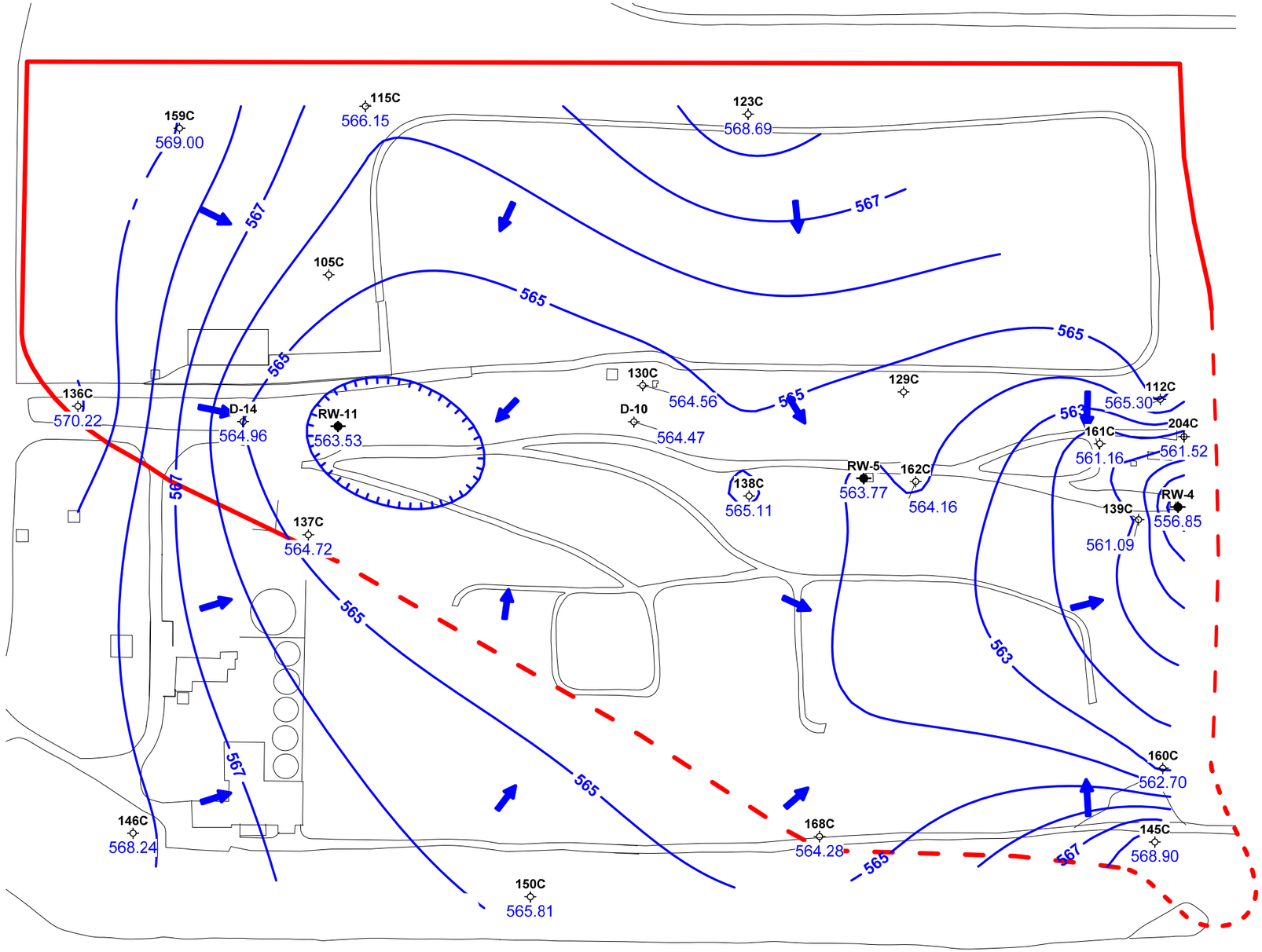
- 3B — Well ID
- Monitoring Well
- Pumping Well
- Potentiometric Contour
- Structure
- Road
- Source Area Extent
- Approximate Location of Bedrock Fractured Blast Trench

Figure 5
Potentiometric Surface Map
Chemours Necco Park: B-Zone
August 17, 2016

Figure 6
Select C-Zone Monitoring Wells
Groundwater Elevations 2005 Through 3rd Quarter 2016
Chemours Necco Park



Necco 2016 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 2016 was erroneously high and was not used in the contouring.

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Buffalo, NY 14202
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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 17, 2016

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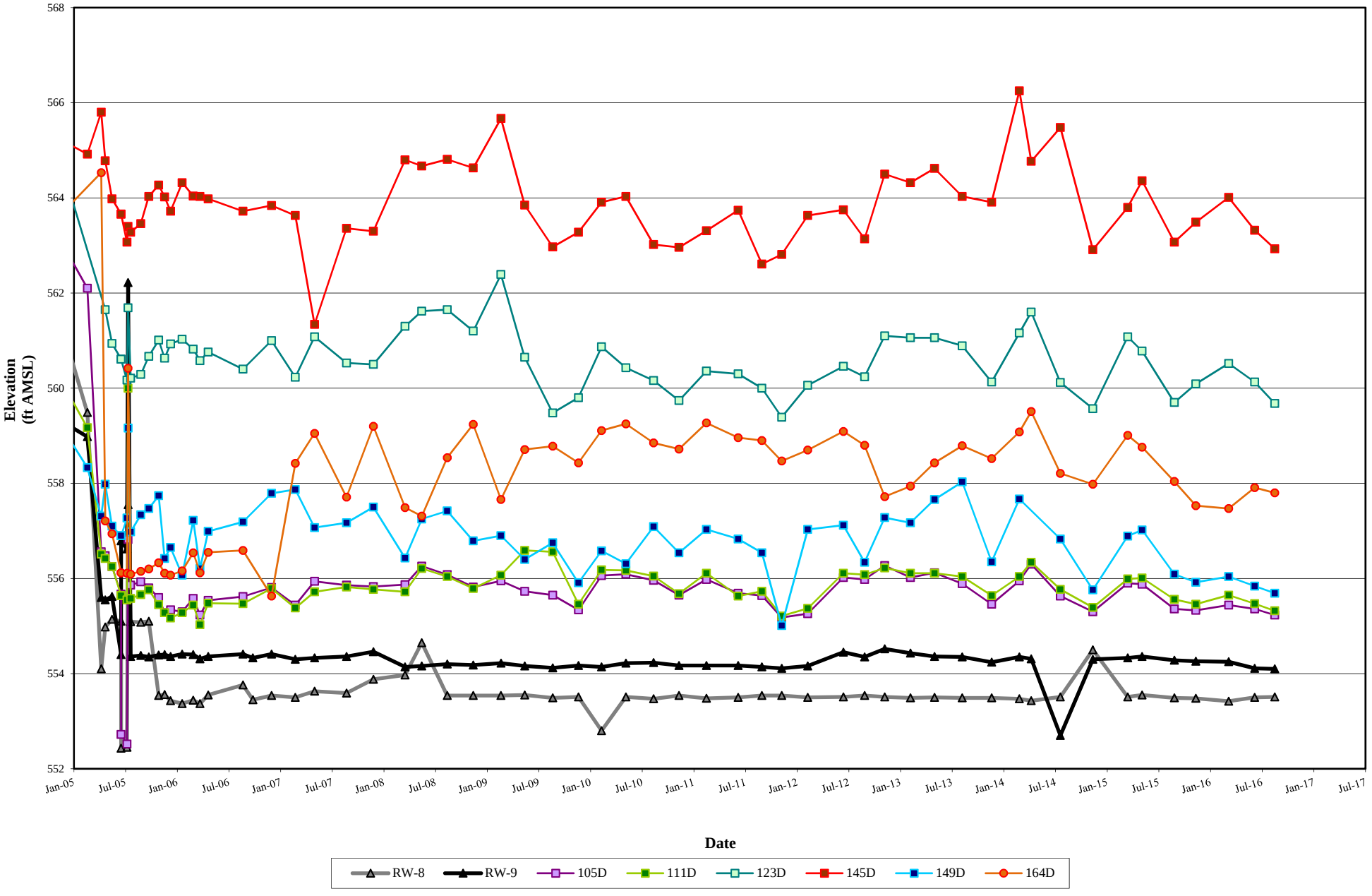
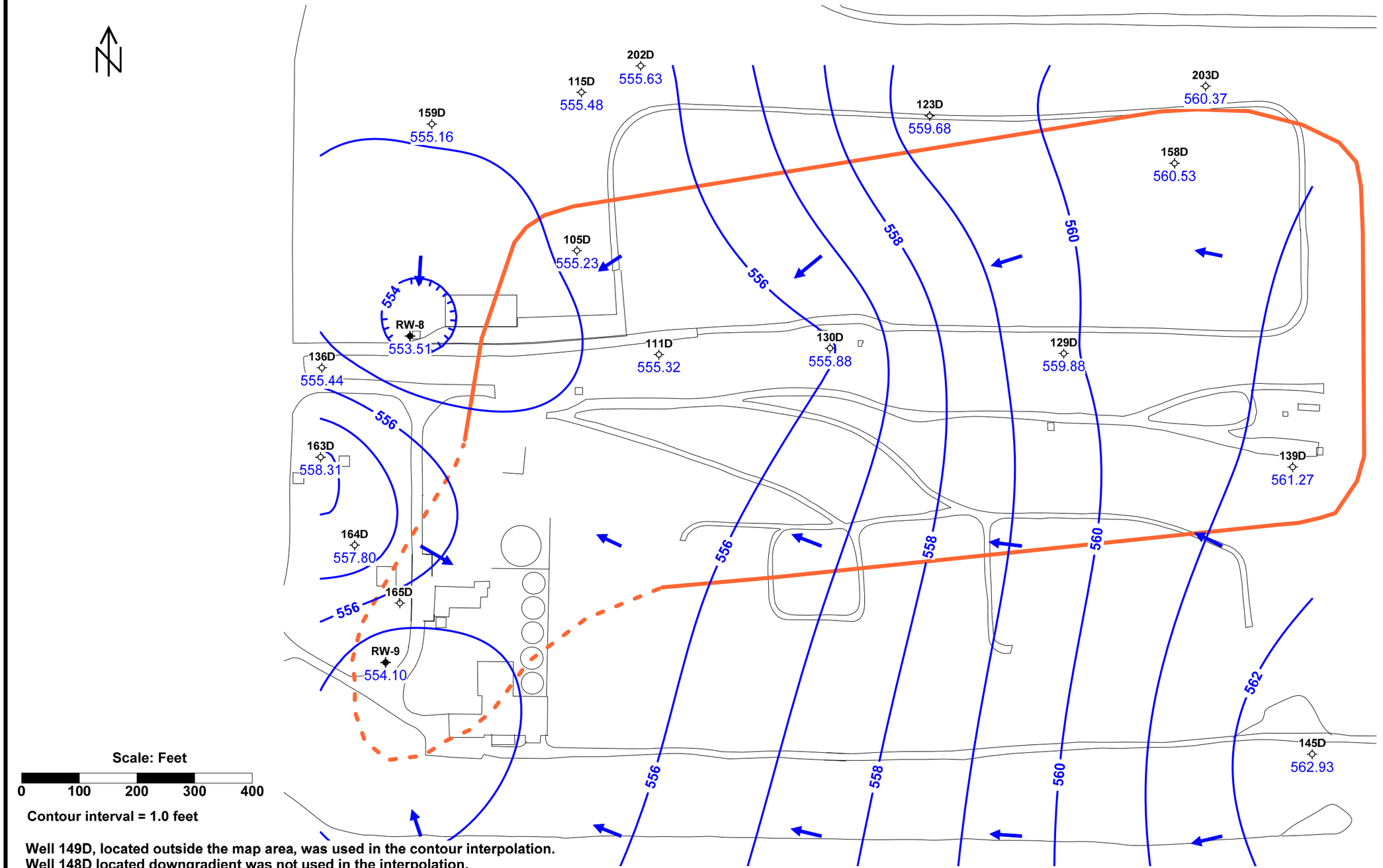
Figure 8
Select D-Zone Monitoring Wells
Groundwater Elevations 2005 through 3rd Quarter 2016
Chemours Necco Park



Necco 2016 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.

PARSONS

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

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Checked by: JWS	Date: 9-9-2016
Project Manager: EAF	Date: 9-9-2016
Job number: 449799.02020	

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 17, 2016

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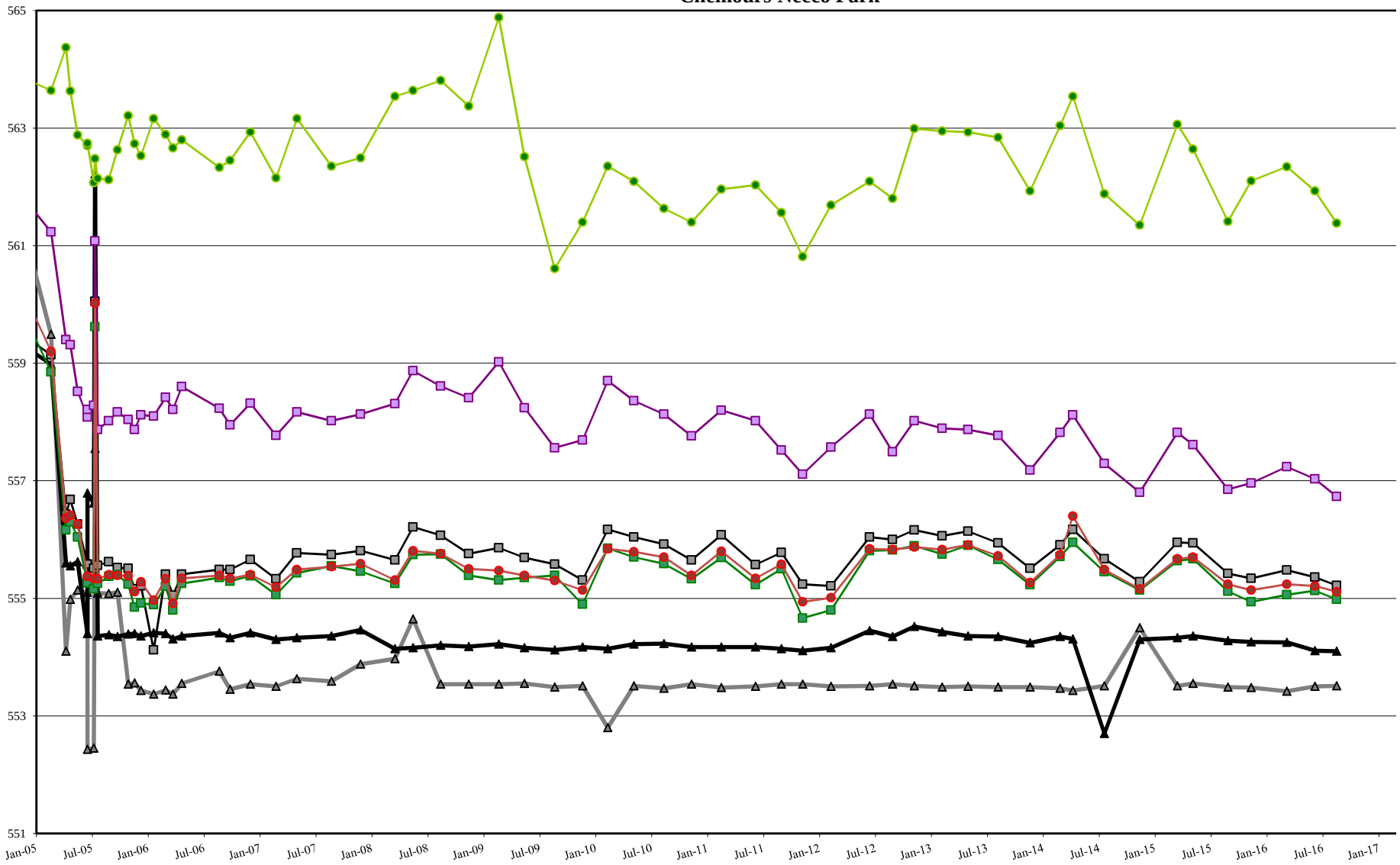
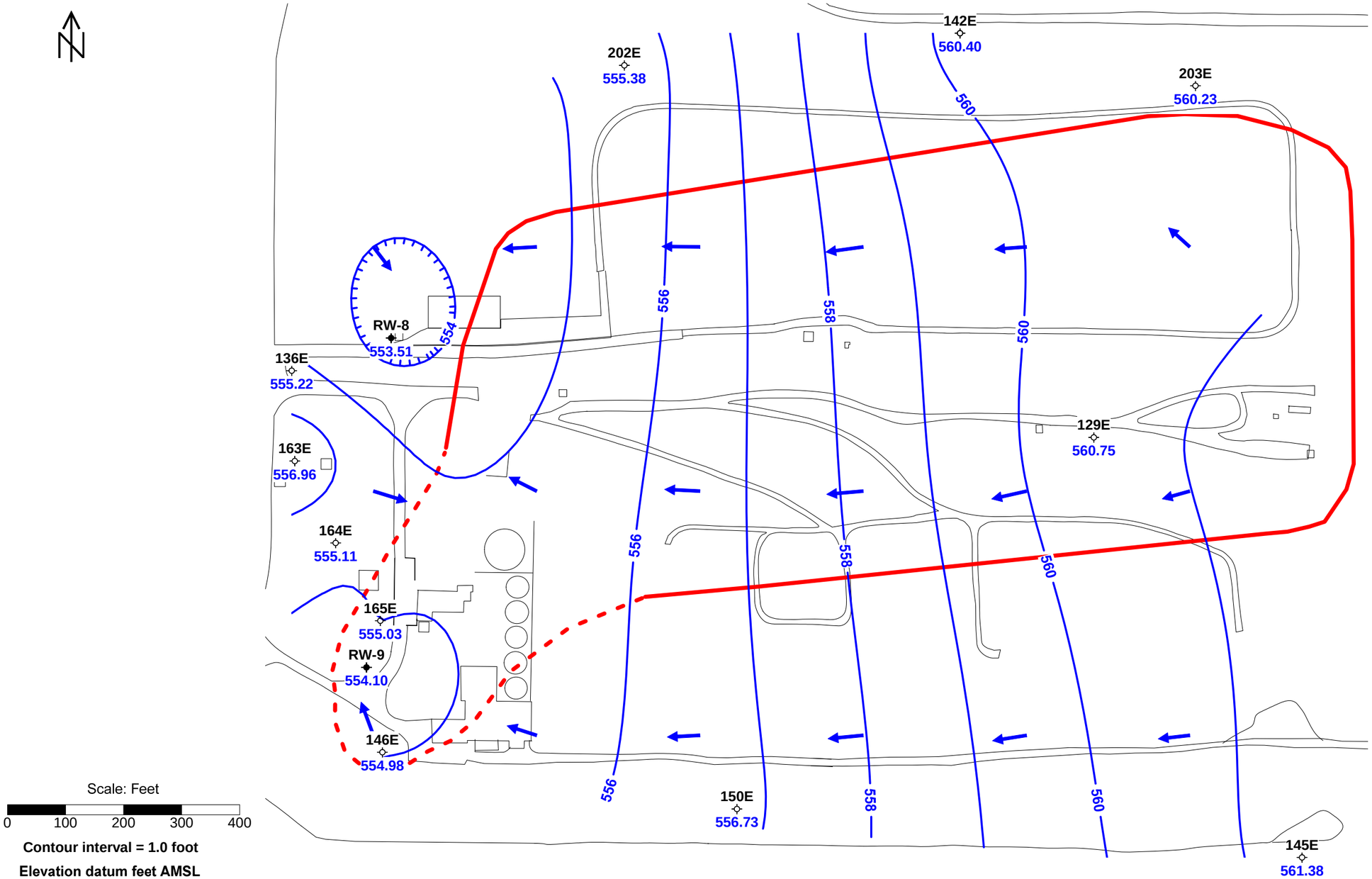
Figure 10
Select E-Zone Monitoring Wells
Groundwater Elevations 2005 Through 3rd Quarter 2016
Chemours Necco Park



Necco 2016 E Zone Water Elev Trends.xlsx



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

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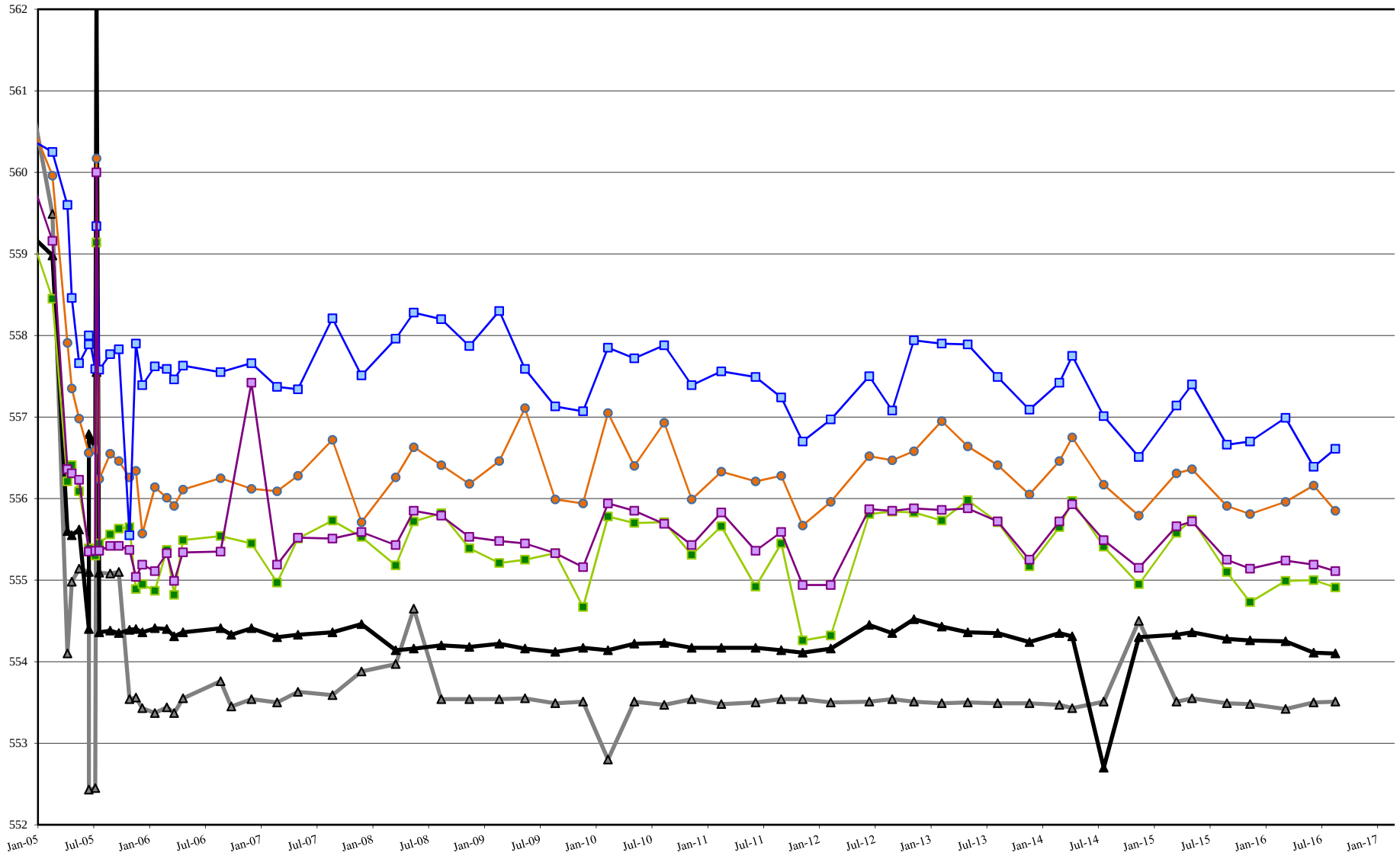
Checked by: JWS	Date:	9-9-2016
Project Manager: EAF	Date:	9-9-2016
Job number: 449799.02020		

LEGEND

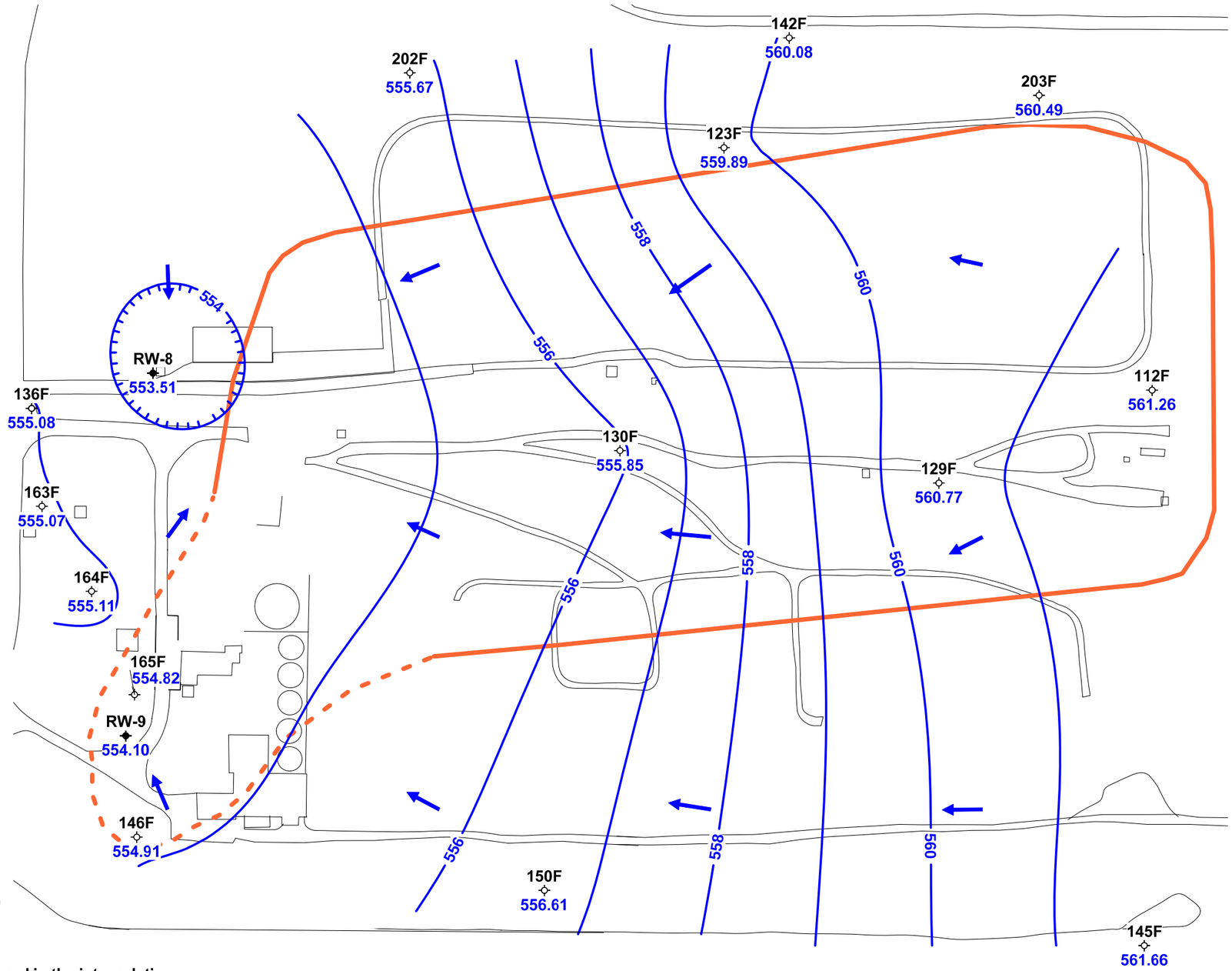
- 3B — Well ID
- Monitoring Well
- Pumping Well
- Potentiometric Contour
- Structure
- Road
- Source Area Extent

Figure 11
Potentiometric Surface Map
Chemours Necco Park: E-Zone
August 17, 2016

Figure 12
Select F-Zone Monitoring Wells
Groundwater Elevations 2005 Through 3rd Quarter 2016
Chemours Necco Park



Necco 2016 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.

123F was not used in the interpolation due to an anomalously high reading.

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

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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
August 17, 2016

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APPENDIX A

CHEMOURS NECCO PARK
GROUNDWATER ELEVATION DATA
THIRD QUARTER 2016

APPENDIX A

GROUNDWATER ELEVATION DATA - 3Q16

Chemours Necco Park

Location ID	Date Measured	Depth To Water	Reference Elevation	GW Elevation	Time Measured
102B	08/17/2016	23.29	599.01	575.72	12:26
105C	08/17/2016	Well dry	595.28	-	12:32
105D	08/17/2016	39.54	594.77	555.23	12:34
111A	08/17/2016	14.72	586.89	572.17	11:55
111B	08/17/2016	14.68	584.94	570.26	11:59
111D	08/17/2016	28.98	584.3	555.32	11:59
112B	08/17/2016	10.18	581.9	571.72	12:18
112C	08/17/2016	17.63	582.93	565.3	12:18
112F	08/17/2016	22.03	583.29	561.26	12:17
115C	08/17/2016	29.78	595.93	566.15	12:38
115D	08/17/2016	41.14	596.62	555.48	12:39
116B	08/17/2016	16.5	590.05	573.55	11:47
118B	08/17/2016	14.62	583.9	569.28	12:20
119A	08/17/2016	12.97	586.34	573.37	12:07
119B	08/17/2016	14.68	586.77	572.09	12:07
120B	08/17/2016	26.86	599.18	572.32	12:35
123A	08/17/2016	22.13	597.93	575.8	12:30
123B	08/17/2016	20.22	595.98	575.76	12:32
123C	08/17/2016	26.73	595.42	568.69	12:33
123D	08/17/2016	36.83	596.51	559.68	12:31
123F	08/17/2016	38.68	598.57	559.89	12:29
129A	08/17/2016	11.56	584.8	573.24	12:12
129B	08/17/2016	13.89	585.24	571.35	12:11
129C	08/17/2016	11.98	585.68	573.7	12:11
129D	08/17/2016	26.15	586.03	559.88	12:10
129E	08/17/2016	20.13	580.88	560.75	12:00
129F	08/17/2016	20.59	581.36	560.77	12:00
130B	08/17/2016	13.19	585.63	572.44	12:04
130C	08/17/2016	20.95	585.51	564.56	12:04
130D	08/17/2016	29.08	584.96	555.88	12:05
130F	08/17/2016	25.64	581.49	555.85	11:47
131A	08/17/2016	14.97	585.43	570.46	12:14
136B	08/17/2016	8.83	581.69	572.86	11:28
136C	08/17/2016	11.4	581.62	570.22	11:27
136D	08/17/2016	24.24	579.68	555.44	11:26
136E	08/17/2016	24.37	579.59	555.22	11:25
136F	08/17/2016	25.25	580.33	555.08	12:49
136F	08/17/2016	25.29	580.33	555.04	11:24
136G	08/17/2016	20.12	579.76	559.64	12:50
136G	08/17/2016	20.32	579.76	559.44	11:24
137A	08/17/2016	8.34	578.47	570.13	11:28
137B	08/17/2016	8.69	578.31	569.62	11:29
137C	08/17/2016	13.67	578.39	564.72	11:30

APPENDIX A

GROUNDWATER ELEVATION DATA - 3Q16

Chemours Necco Park

Location ID	Date Measured	Depth To Water	Reference Elevation	GW Elevation	Time Measured
137D	08/17/2016	15.59	579.09	563.5	11:29
138B	08/17/2016	13.52	583.98	570.46	12:24
138C	08/17/2016	21.95	587.06	565.11	12:22
139A	08/17/2016	14.08	585.14	571.06	12:06
139B	08/17/2016	15.55	585.39	569.84	12:07
139C	08/17/2016	24.18	585.27	561.09	12:07
139D	08/17/2016	24.22	585.49	561.27	12:08
140A	08/17/2016	8.22	581.55	573.33	12:21
142E	08/17/2016	25.6	586	560.4	12:42
142F	08/17/2016	25.61	585.69	560.08	12:42
145A	08/17/2016	7.74	575.84	568.1	11:34
145B	08/17/2016	7.1	575.48	568.38	11:35
145C	08/17/2016	7.0	575.9	568.9	12:13
145D	08/17/2016	13.12	576.05	562.93	12:15
145E	08/17/2016	14.6	575.98	561.38	11:36
145F	08/17/2016	14.39	576.05	561.66	11:37
146AR	08/17/2016	7.49	576.92	569.43	11:44
146B	08/17/2016	7.62	576.9	569.28	11:45
146C	08/17/2016	8.11	576.35	568.24	11:46
146E	08/17/2016	21.1	576.08	554.98	11:47
146F	08/17/2016	21.13	576.04	554.91	11:48
148D	08/17/2016	10.74	579.38	568.64	11:07
148F	08/17/2016	21.97	576.21	554.24	11:08
149B	08/17/2016	4.15	572.87	568.72	11:18
149C	08/17/2016	5.99	573.26	567.27	11:19
149D	08/17/2016	17.17	572.86	555.69	11:20
150A	08/17/2016	7.78	575.86	568.08	11:25
150B	08/17/2016	6.99	575.99	569.0	11:26
150C	08/17/2016	10.32	576.13	565.81	11:27
150E	08/17/2016	19.42	576.15	556.73	11:28
150F	08/17/2016	19.37	575.98	556.61	11:29
151B	08/17/2016	7.38	573.36	565.98	11:12
151C	08/17/2016	5.31	573.18	567.87	11:13
158D	08/17/2016	37.67	598.2	560.53	12:24
159A	08/17/2016	19.9	596.16	576.26	12:45
159B	08/17/2016	25.54	596.37	570.83	12:46
159C	08/17/2016	28.36	597.36	569.0	12:47
159D	08/17/2016	42.51	597.67	555.16	12:48
160B	08/17/2016	13.43	582.75	569.32	12:05
160C	08/17/2016	20.02	582.72	562.7	12:06
161B	08/17/2016	12.02	582.84	570.82	12:15
161C	08/17/2016	21.48	582.64	561.16	12:15
162C	08/17/2016	16.84	581	564.16	11:56

APPENDIX A

GROUNDWATER ELEVATION DATA - 3Q16

Chemours Necco Park

Location ID	Date Measured	Depth To Water	Reference Elevation	GW Elevation	Time Measured
163A	08/17/2016	5.91	578.14	572.23	11:42
163B	08/17/2016	6.02	577.94	571.92	11:43
163D	08/17/2016	20.51	578.82	558.31	11:40
163E	08/17/2016	22.1	579.06	556.96	11:40
163F	08/17/2016	23.69	578.76	555.07	11:41
164D	08/17/2016	19.62	577.42	557.8	11:36
164E	08/17/2016	22.21	577.32	555.11	11:36
164F	08/17/2016	22.16	577.27	555.11	11:35
165D	08/17/2016	14.31	577.52	563.21	12:25
165E	08/17/2016	22.53	577.56	555.03	12:26
165F	08/17/2016	22.9	577.72	554.82	12:27
167B	08/17/2016	11.62	580.93	569.31	12:02
168A	08/17/2016	8.19	578.72	570.53	11:52
168B	08/17/2016	11.08	578.9	567.82	11:55
168C	08/17/2016	14.93	579.21	564.28	11:56
169B	08/17/2016	11.11	580.43	569.32	12:02
170B	08/17/2016	11.22	579.1	567.88	00:03
171B	08/17/2016	10.35	579.54	569.19	12:08
172B	08/17/2016	8.26	576.95	568.69	11:39
173A	08/17/2016	9.95	580.71	570.76	11:42
174A	08/17/2016	6.84	577.62	570.78	11:26
175A	08/17/2016	13.31	586.81	573.5	11:52
176A	08/17/2016	9.22	580.03	570.81	11:35
178A	08/17/2016	9.1	579.92	570.82	11:40
179A	08/17/2016	8.54	579.01	570.47	11:32
184A	08/17/2016	Not Measured	579.88	-	12:48
185A	08/17/2016	9.93	580.84	570.91	11:51
186A	08/17/2016	9.33	579.76	570.43	12:21
187A	08/17/2016	10.89	579.94	569.05	12:22
188A	08/17/2016	13.85	580.91	567.06	11:53
189A	08/17/2016	12.13	579.82	567.69	11:57
190A	08/17/2016	11.72	580.58	568.86	12:01
191AR	08/17/2016	10.5	580.62	570.12	12:03
192A	08/17/2016	13.44	584.08	570.64	12:05
193A	08/17/2016	12.38	584.13	571.75	12:12
194A	08/17/2016	13.78	584.35	570.57	12:10
201B	08/17/2016	10.68	579.25	568.57	11:32
202D	08/17/2016	37.1	592.73	555.63	12:36
202E	08/17/2016	37.35	592.73	555.38	12:37
202F	08/17/2016	37.06	592.73	555.67	12:37
203D	08/17/2016	33.48	593.85	560.37	12:31
203E	08/17/2016	33.62	593.85	560.23	12:32
203F	08/17/2016	33.36	593.85	560.49	12:33

APPENDIX A

GROUNDWATER ELEVATION DATA - 3Q16

Chemours Necco Park

Location ID	Date Measured	Depth To Water	Reference Elevation	GW Elevation	Time Measured
204C	08/17/2016	20.25	581.77	561.52	12:13
BZTW-1	08/17/2016	9.09	579.67	570.58	11:49
BZTW-2	08/17/2016	8.78	579.38	570.6	11:40
BZTW-4	08/17/2016	5.8	578.18	572.38	11:33
D-10	08/17/2016	15.55	580.02	564.47	12:42
D-11	08/17/2016	7.4	578.07	570.67	12:26
D-13	08/17/2016	8.09	579.07	570.98	11:23
D-14	08/17/2016	14.05	579.01	564.96	11:24
D-23	08/17/2016	12.44	580.61	568.17	11:58
D-9	08/17/2016	8.76	580.15	571.39	11:46
PZ-205B	08/17/2016	9.24	579.38	570.14	11:39
PZ-A	08/17/2016	9.44	579.06	569.62	11:36
PZ-B	08/17/2016	10.44	579.47	569.03	11:36
RDB-3	08/17/2016	6.31	579.31	573.0	11:29
RDB-5	08/17/2016	6.16	578.57	572.41	11:32
RW-11	08/17/2016	15.25	578.78	563.53	11:34
RW-4	08/17/2016	24.67	581.52	556.85	12:09
RW-5	08/17/2016	15.11	578.88	563.77	11:55
RW-8	08/17/2016	32.01	585.52	553.51	11:49
RW-9	08/17/2016	21.03	575.13	554.1	12:20
TRW-6	08/17/2016	10.13	580.21	570.08	11:42
TRW-7	08/17/2016	7.83	577.89	570.06	11:26

APPENDIX B

CHEMOURS NECCO PARK
GWTF PROCESS SAMPLING RESULTS
THIRD QUARTER 2016

Appendix B
Summary of Analytical Results
Chemours Necco Park
Third Quarter 2016

Method	CAS #	Parameter Name	Location Sample Date Units	BC-INFLUENT 8/17/2016 FS	DEF-INFLUENT 8/17/2016 FS	COMB-EFFLUENT 8/17/2016 FS	TRIP BLANK 8/17/2016 TB
		Field Parameters					
NS	EVS0118	COLOR	NONE	Cloudy	Clear	Clear	N/A
NS	EVS0125	ODOR	NONE	Strong	Slight	Slight	N/A
NS	EVS0128	OXIDATION REDUCTION POTENTIAL	MV	-102	-211	-150	N/A
NS	EVS0127	PH	STD UNITS	5.09	6.26	6.89	N/A
NS	EVS0044	SPECIFIC CONDUCTANCE	UMHOS/CM	7,655	4,402	4,971	N/A
NS	EVS0113	TEMPERATURE	DEGREES C	15.4	14.9	20.2	N/A
NS	EVS0130	TURBIDITY QUANTITATIVE	NTU	33.9	9.4	25.4	N/A
		Volatile Organics					
8260C	79-34-5	1,1,2,2-Tetrachloroethane	UG/L	3,300	980	730	0.66 J
8260C	79-00-5	1,1,2-Trichloroethane	UG/L	3,100	2,200	520	<0.24
8260C	75-35-4	1,1-Dichloroethene	UG/L	590 J	310 J	<9	<0.45
8260C	107-06-2	1,2-Dichloroethane	UG/L	610 J	160 J	33	<0.23
8260C	56-23-5	Carbon Tetrachloride	UG/L	8,300	1,300	<8.6	<0.43
8260C	67-66-3	Chloroform	UG/L	16,000	3,700	160	<0.25
8260C	156-59-2	cis-1,2 Dichloroethene	UG/L	13,000	11,000	270	<0.26
8260C	75-09-2	Methylene Chloride	UG/L	5,100 B	4,400	190	<0.33
8260C	127-18-4	Tetrachloroethene	UG/L	9,100	1,300	17 J	<0.31
8260C	156-60-5	trans-1,2-Dichloroethene	UG/L	540 J	720	<6	<0.3
8260C	79-01-6	Trichloroethene	UG/L	20,000	6,400	77	<0.22
8260C	75-01-4	Vinyl Chloride	UG/L	3,100	1,900	<5.8	<0.29
		Total VOCs		82,740	34,370	1,997	0.66

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

ATTACHMENT 1

CHEMOURS NECCO PARK
NECCO PARK
3Q16 WATER LEVELS

(ELECTRONIC FORMAT ONLY)