DuPont Corporate Remediation Group
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(716) 278-5100

February 25, 2013

Ms. Gloria Sosa
Western New York Remediation Section
New York Remediation Branch
Emergency and Remediation Response Division
U.S. Environmental Protection Agency–Region 2
290 Broadway, 20th Floor
New York, NY 10007-1866

Dear Ms. Sosa:

NECCO PARK FOURTH QUARTER 2012 DATA PACKAGE

Enclosed are two copies of the *Fourth Quarter 2012 (4Q12) Data Package* for the E. I. du Pont de Nemours and Company (DuPont) 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 4Q12 monitoring summary for dense non-aqueous phase liquid (DNAPL).

Pumping system uptime for 4Q12 was 94.6 percent. The total volume of groundwater treated was 4,248,337 gallons. No recoverable DNAPL was observed during the period. There were two limit exceedances of the discharge permit for the Niagara Falls Water Board publicly-owned treatment works (POTW): the daily maximum limit for hexachlorobutadiene, and the annual average limit for hexachloroethane. Since a similar exceedance event occurred in 2008, and there have been no changes to site conditions, a comprehensive statistical evaluation was conducted on 5 years of effluent data. As a result, DuPont requested and received increased permit limits for these two compounds. Additionally in 4Q12, due to internal POTW requirements, hexachlorobenzene was added to the Necco Park POTW permit. All of these changes are reflected in the most recent permit modification dated January 31, 2013.

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

PFM/EAF
Enc.

cc: M. Hinton/NYSDEC
E. Felter/Parsons
Carol Luttrell/DuPont (elec.)
T. Pezzino/URS

SOURCE AREA HYDRAULIC CONTROL SYSTEM
FOURTH QUARTER 2012
GROUNDWATER MONITORING DATA PACKAGE
DUPONT NECCO PARK
NIAGARA FALLS, NIAGARA COUNTY, NEW YORK

EPA ID No. NYD980532162

Prepared For:

DuPont 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
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February 2013

TABLE OF CONTENTS

Page

SECTION 1 DATA PACKAGE SUMMARY 1

1.1 Introduction 1

1.2 Operational Summary 1

1.3 GWTF Process Sampling 2

1.4 POTW Compliance 2

SECTION 2 REFERENCES 1

TABLES 1

FIGURES 2

APPENDIX A - GROUNDWATER ELEVATION DATA 4Q2012 3

APPENDIX B - GWTF PROCESS SAMPLING RESULTS 4Q2012 4

ATTACHMENT 1 - 4Q12 WATER LEVELS (ELECTRONIC FORMAT ONLY) ..5

SECTION 1

DATA PACKAGE SUMMARY

1.1 INTRODUCTION

This data package presents a summary of operating and monitoring data collected during the fourth quarter of 2012 (4Q12) for groundwater remediation measures at the E. I. du Pont de Nemours and Company (DuPont) 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) and the Sampling, Analysis, and Monitoring Plan (SAMP), which are both incorporated into the DuPont Necco Park Operations and Maintenance Plan (DuPont Corporate Remediation Group 2005). Furthermore, this data package reflects revisions in the monitoring program that were detailed in a December 8, 2011 proposal by DuPont and approved by the U.S. Environmental Protection Agency (USEPA 2012).

This is the 30th 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 4Q12:

	HCS Uptime (%)	Groundwater Treated (gallons)	DNAPL Removed (gallons)
October	88.0%	1,350,381	0
November	97.6%	1,463,533	0
December	98.2%	1,434,423	0
4Q12 Total	**94.6%**	**4,248,337**	**0**

System downtime is categorized into two groups: individual recovery well downtime and HCS system downtime. No recovery wells were down for greater than 48 hours during 4Q12, therefore there is no individual downtime table in this data package. Additionally, there was no reportable scheduled HCS downtime during the quarter. Table 1 provides a historical operations summary by quarter since HCS operations began.

Monthly DNAPL monitoring was completed during 4Q12. No measurable thickness of DNAPL was observed in any of the wells during the monthly monitoring in the quarter. As such, no DNAPL was removed during the quarter. Trace DNAPL (non-recoverable) was noted in well 204C during each of the three monitoring events.

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 4Q12 in accordance with the SAMP and the approved reduction to VOCs only (USEPA, January 2012). Samples were collected by TestAmerica Laboratories of Amherst, New York, on November 7, 2012, 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) discharge permit for Necco Park, the GWTF discharge is sampled and reported quarterly to the Niagara Falls Water Board. The Necco Park 4Q12 wastewater samples were collected on October 3rd. There were two limit exceedances reported in 4Q12: the daily maximum limit for hexachlorobutadiene, and the annual average limit for hexachloroethane. Two additional samples for these compounds were taken within 30 days per permit requirements. The GWTF was operating within normal parameters during all sampling.

Since a similar exceedance event occurred in 2008, and there have been no changes to site conditions, a comprehensive statistical evaluation was conducted on 5 years of effluent data. As a result, DuPont requested and received increased permit limits for these two compounds.

Additionally in 4Q12, due to internal POTW requirements, hexachlorobenzene was added to the Necco Park POTW permit. All of these changes are reflected in the most recent permit modification dated January 31, 2013.

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, January 27, 2012

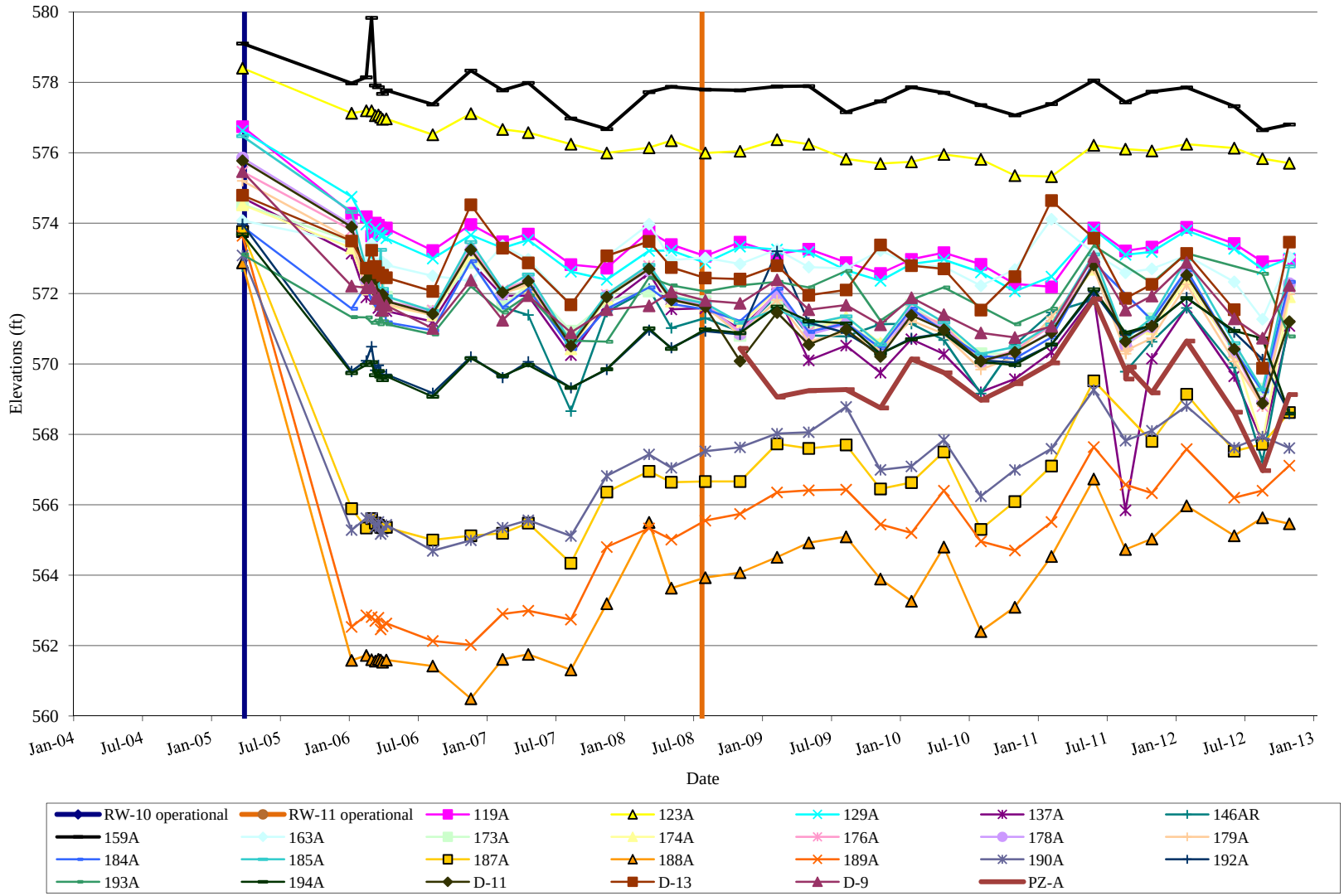
TABLES

Table 1
Historical HCS Operational Summary - 4Q12
DuPont Necco Park

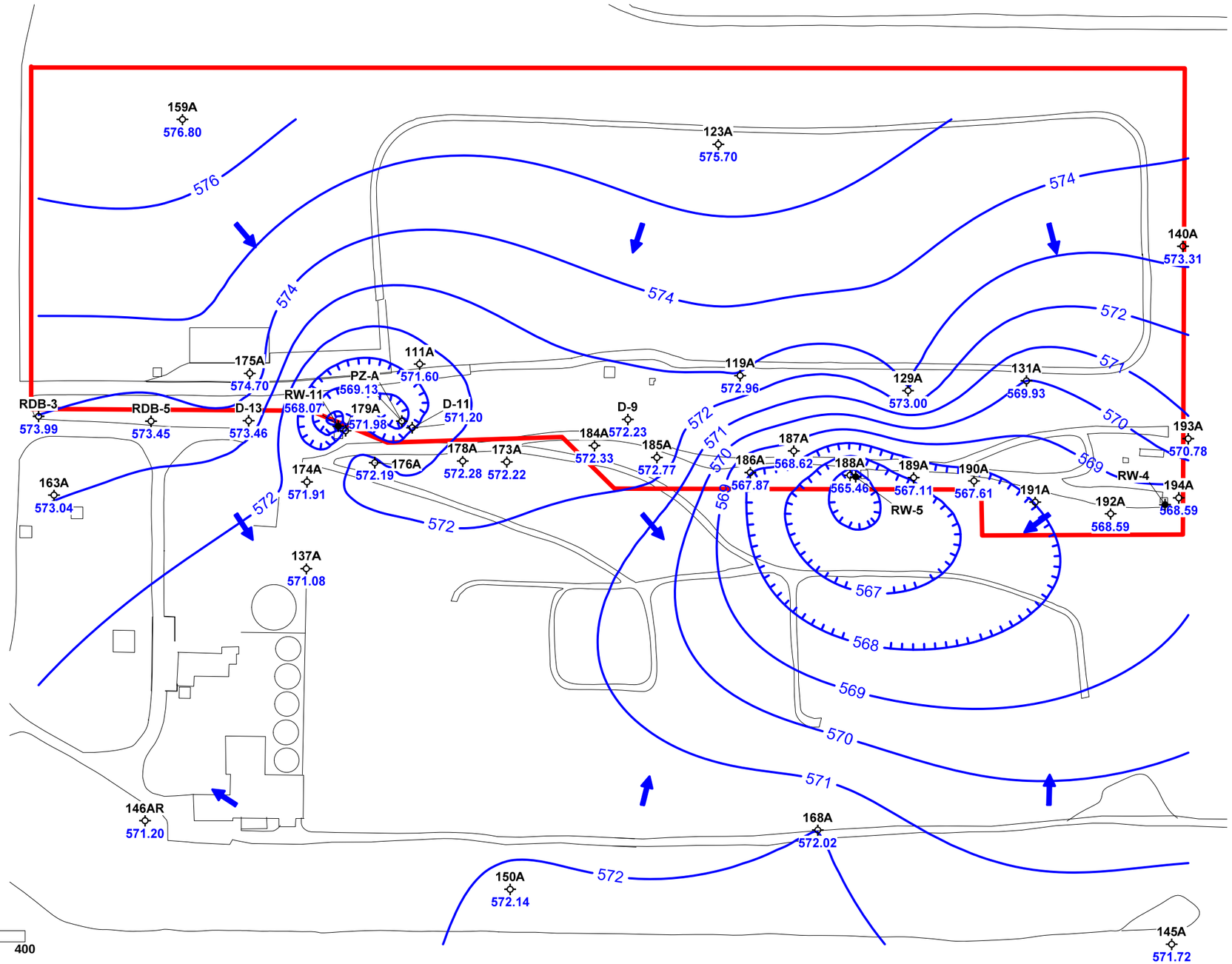
Reporting Period	HCS Uptime (%)	HCS Uptime Excluding Scheduled Maintenance Downtime (%)	Groundwater Treated (Gallons)	DNAPL Removed (Gallons)
2Q05	97.3	97.6	3,349,590	73.5
3Q05	89.3	91.4	3,117,280	30
4Q05	93.6	96.5	3,225,819	0
1Q06	99.4	99.4	2,889,134	24
2Q06	97.5	98.1	3,486,835	74
3Q06	88.7	90.9	3,181,365	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
TOTALS	**---**	**---**	**104,458,013**	**1,212**
AVERAGE	**91.6**	**93.5**	**---**	**---**

FIGURES

Figure 1
Select A-Zone Monitoring Wells
Groundwater Elevations 2005 Through 4th Quarter 2012
DuPont Necco Park



Necco 2012 A Zone Water Elev Trends.xlsx



Contour Interval = 1 foot **Elevation datum feet AMSL** **191A was anonymously high and was not used in the contouring. This well is currently being evaluated for integrity**

PARSONS
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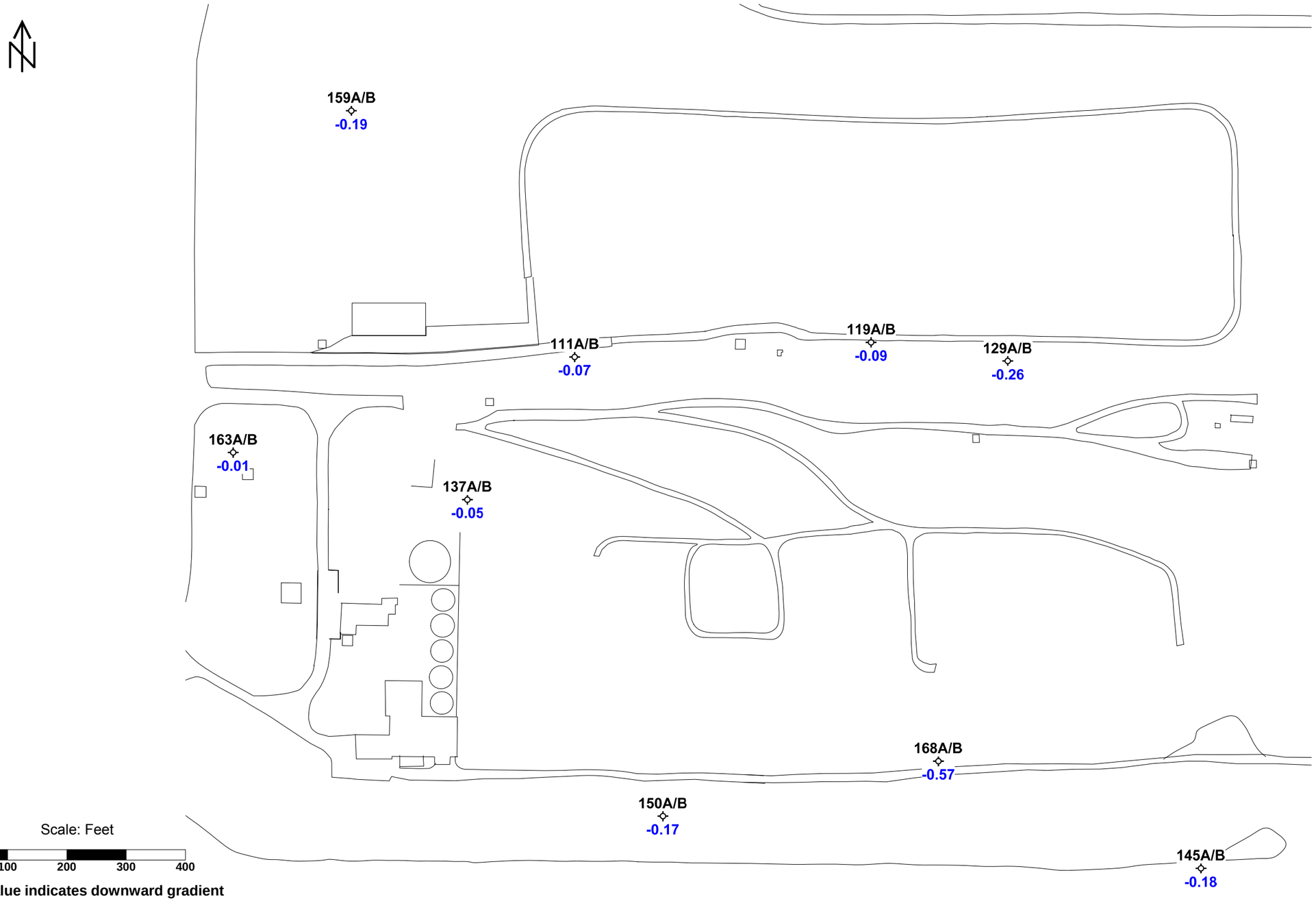
Created by: RBP	Date: 01-03-13
Checked by: JWS	Date: 02-13-13
Project Manager: EAF	Date: 02-13-13
Job number: 447777.02000	

LEGEND

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

Figure 2
Potentiometric Surface Map
DuPont Necco Park: A-Zone
November 07, 2012

Q:/Necco/HydroGeo/Hydro/GW_contours/2012-11-07 NEC Contour Tool/2012-11-07 - A PZ - F2.srf



Scale: Feet

0 100 200 300 400

Negative value indicates downward gradient

Elevation datum feet AMSL

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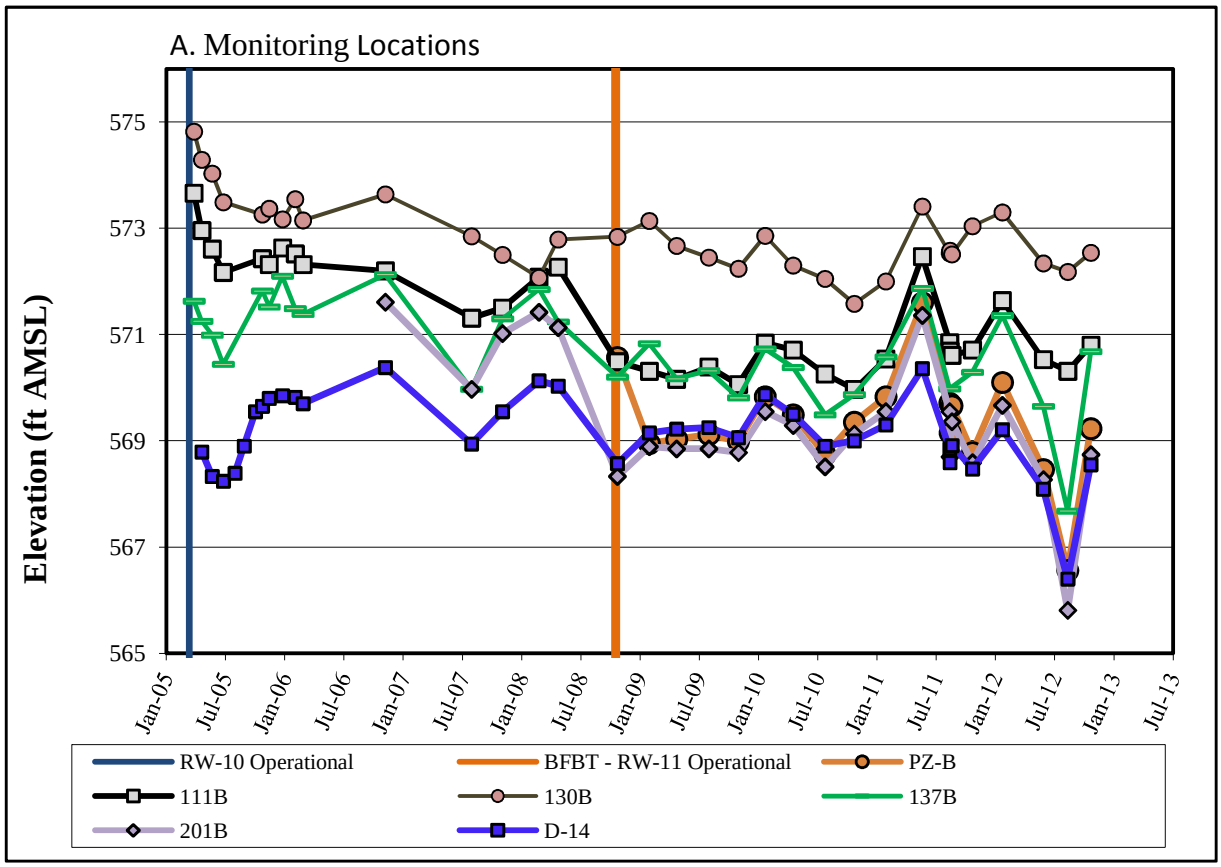
LEGEND

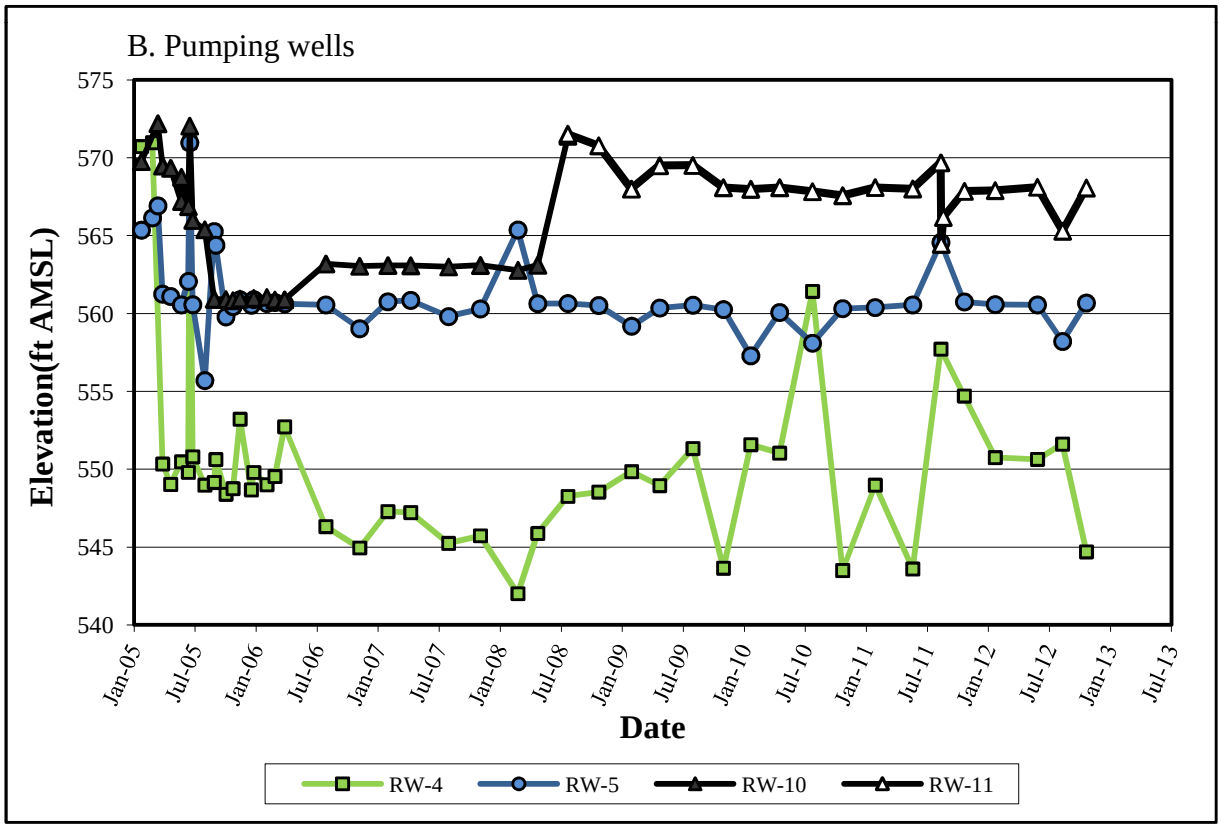
- 3B — Well ID
- Monitoring Well
- Pumping Well
- Potentiometric Contour
- Road
- Structure

Figure 3
Vertical Gradient: A-Zone to B-Zone
DuPont Necco Park
November 07, 2012

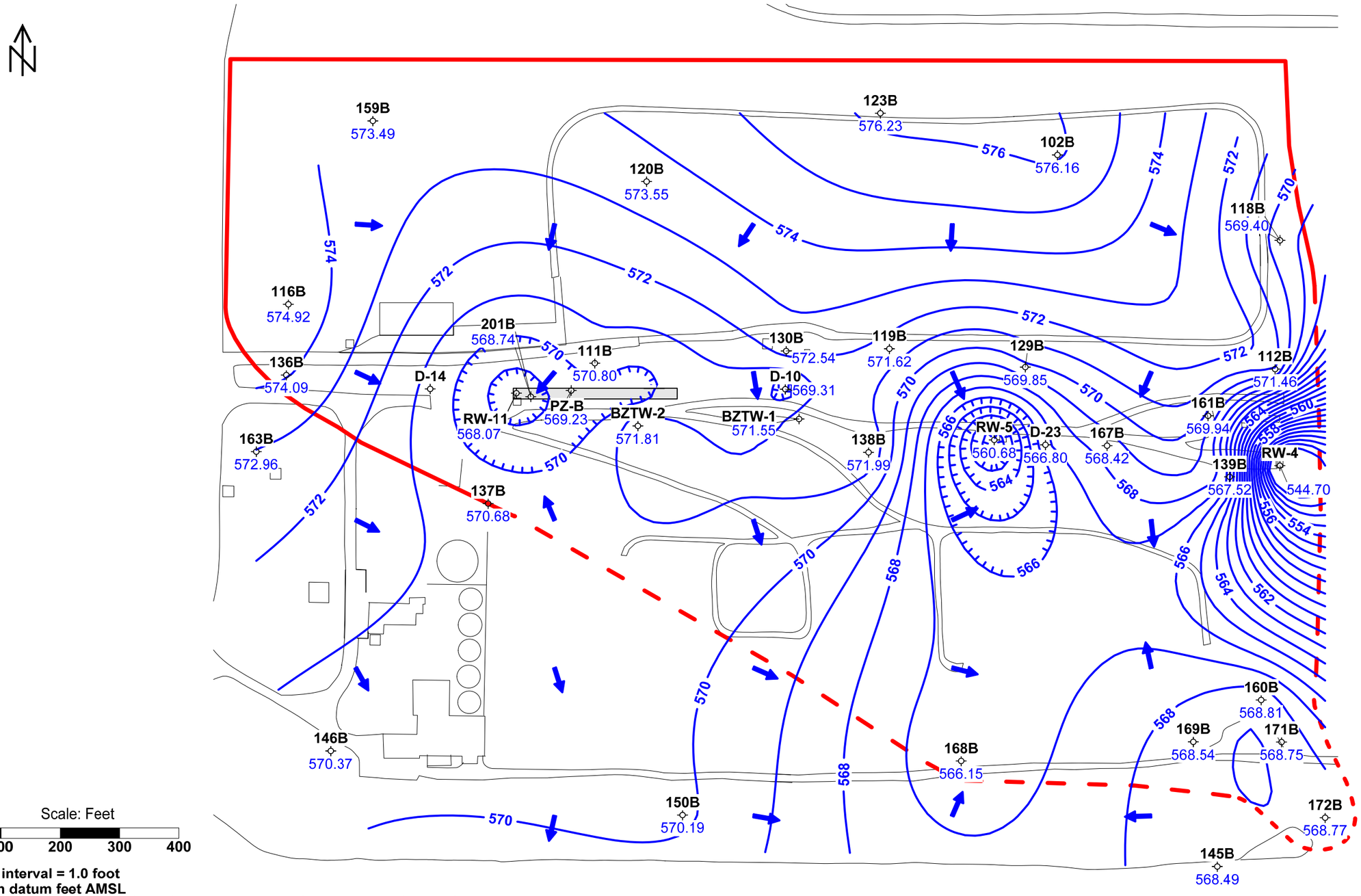
Q:\Necco\HydroGeo\Hydro\GW_contours\2012-11-07 NEC Contour Tool\2012-11-07 - ABvgrad - F3.srf

Figure 4
Select B-Zone Monitoring Wells
Groundwater Elevations 2005 through 4th Quarter 2012





Necco 2012 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, TRW-6, and TRW-7 were not used in the contouring.

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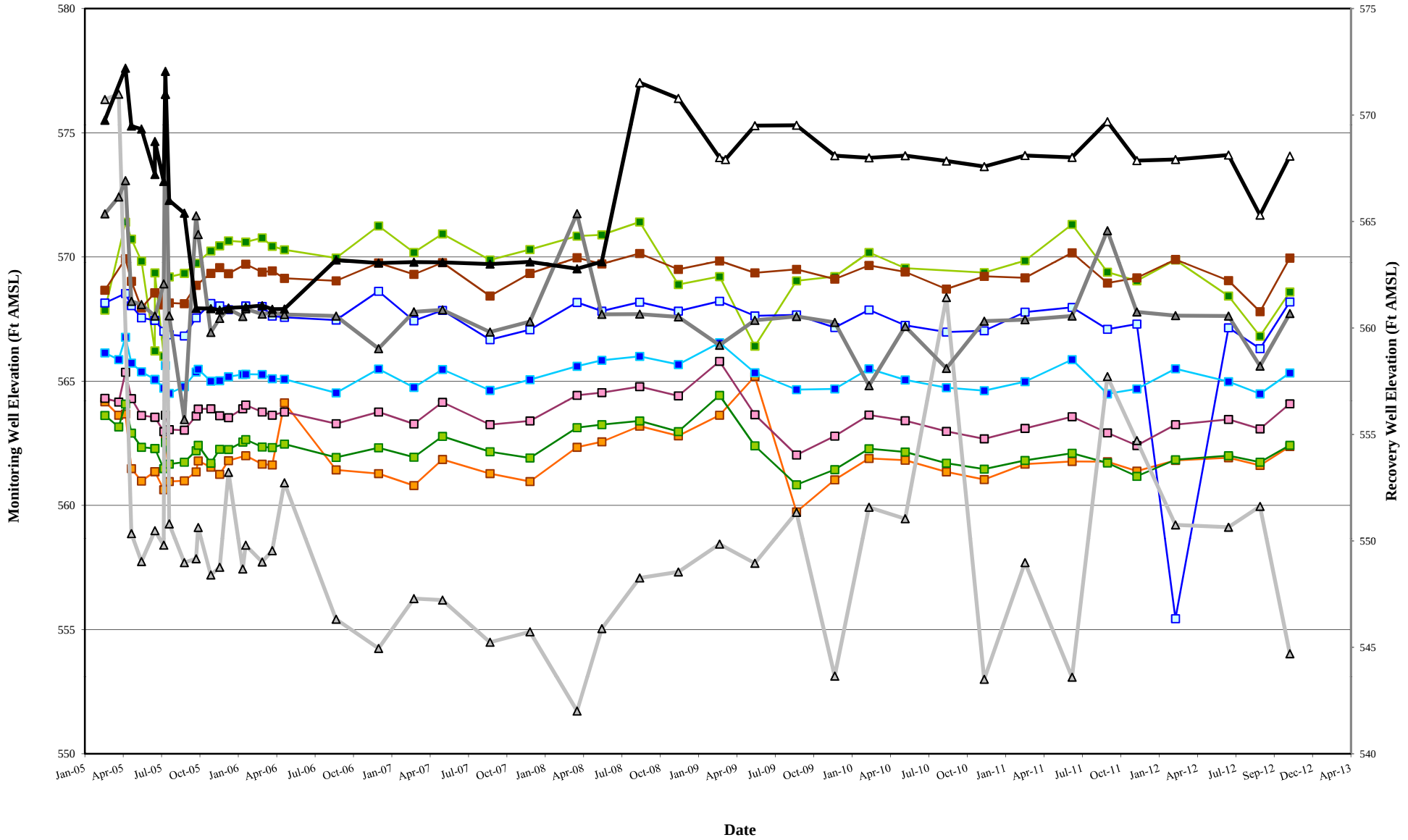
LEGEND

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

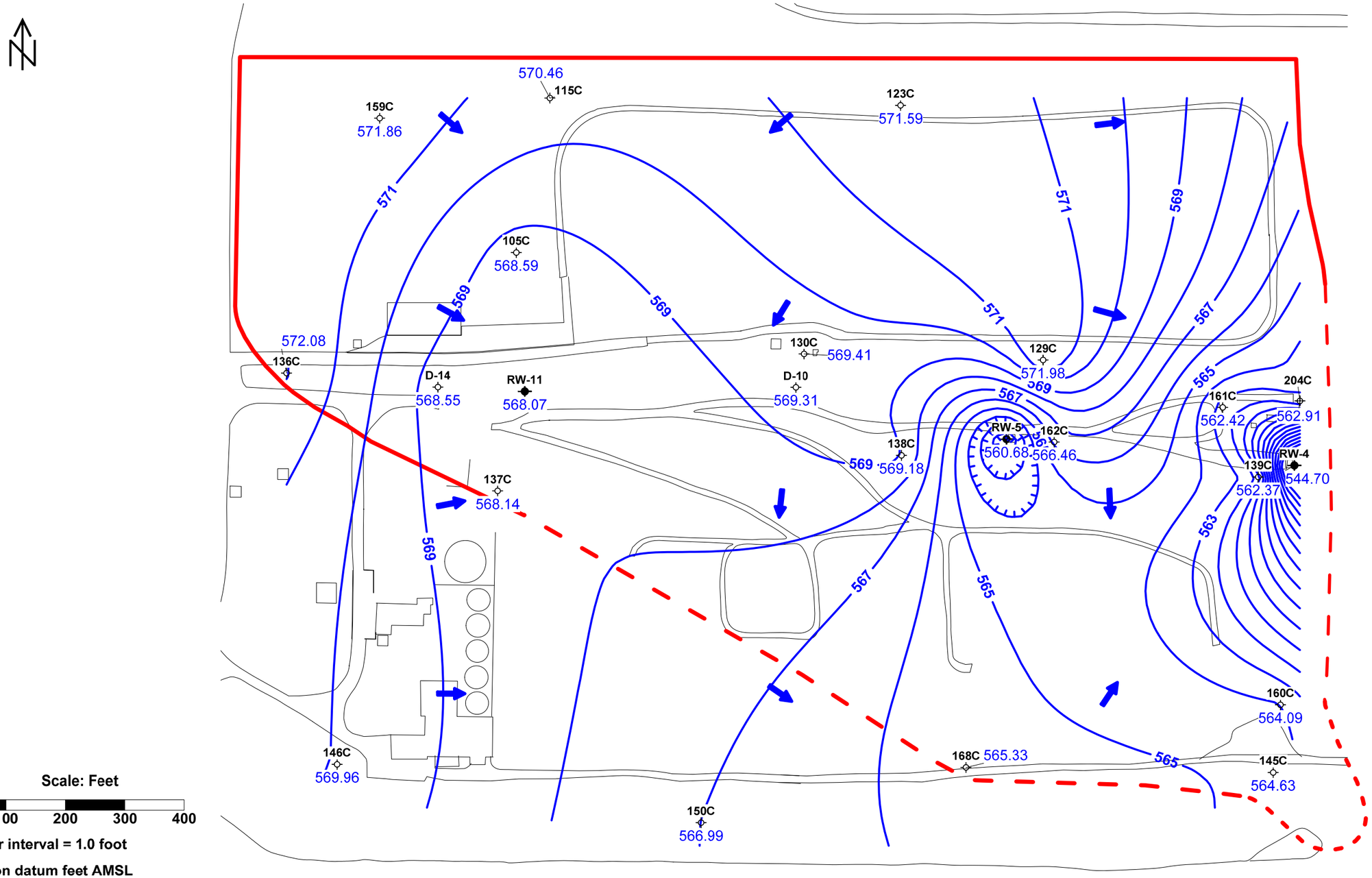
Figure 5
Potentiometric Surface Map
DuPont Necco Park: B-Zone
November 07, 2012

Q:/Necco/HydroGeo/Hydro/GW_contours/2012-11-07 NEC Contour Tool/2012-11-07 - PZ B - F5.srf

Figure 6
Select C-Zone Monitoring Wells
Groundwater Elevations 2005 Through 4th Quarter 2012
DuPont Necco Park



Necco 2012 C Zone Water Elev Trends.xlsx



Well 112C was not used in the contouring due to suspect casing.

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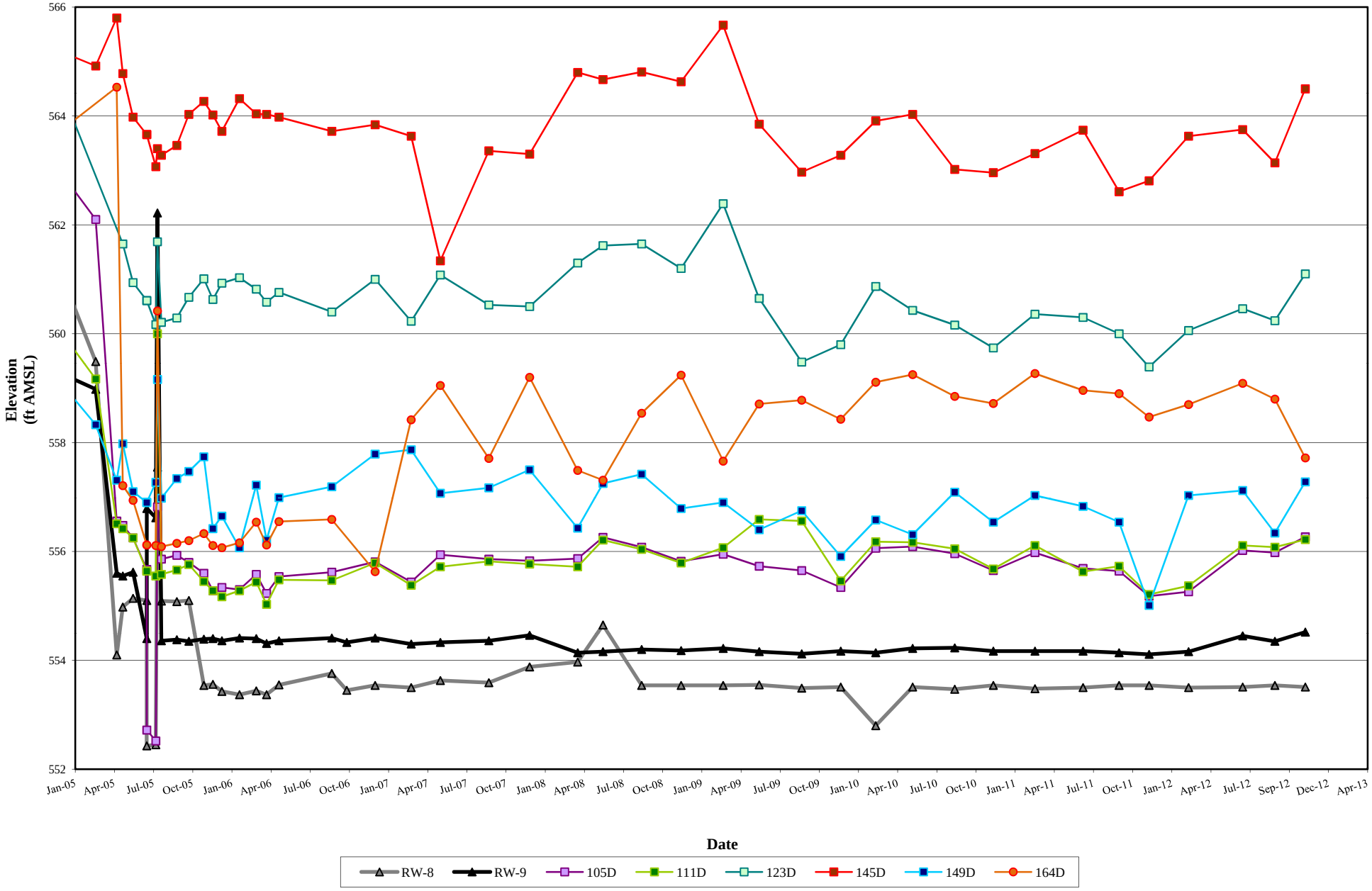
LEGEND

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

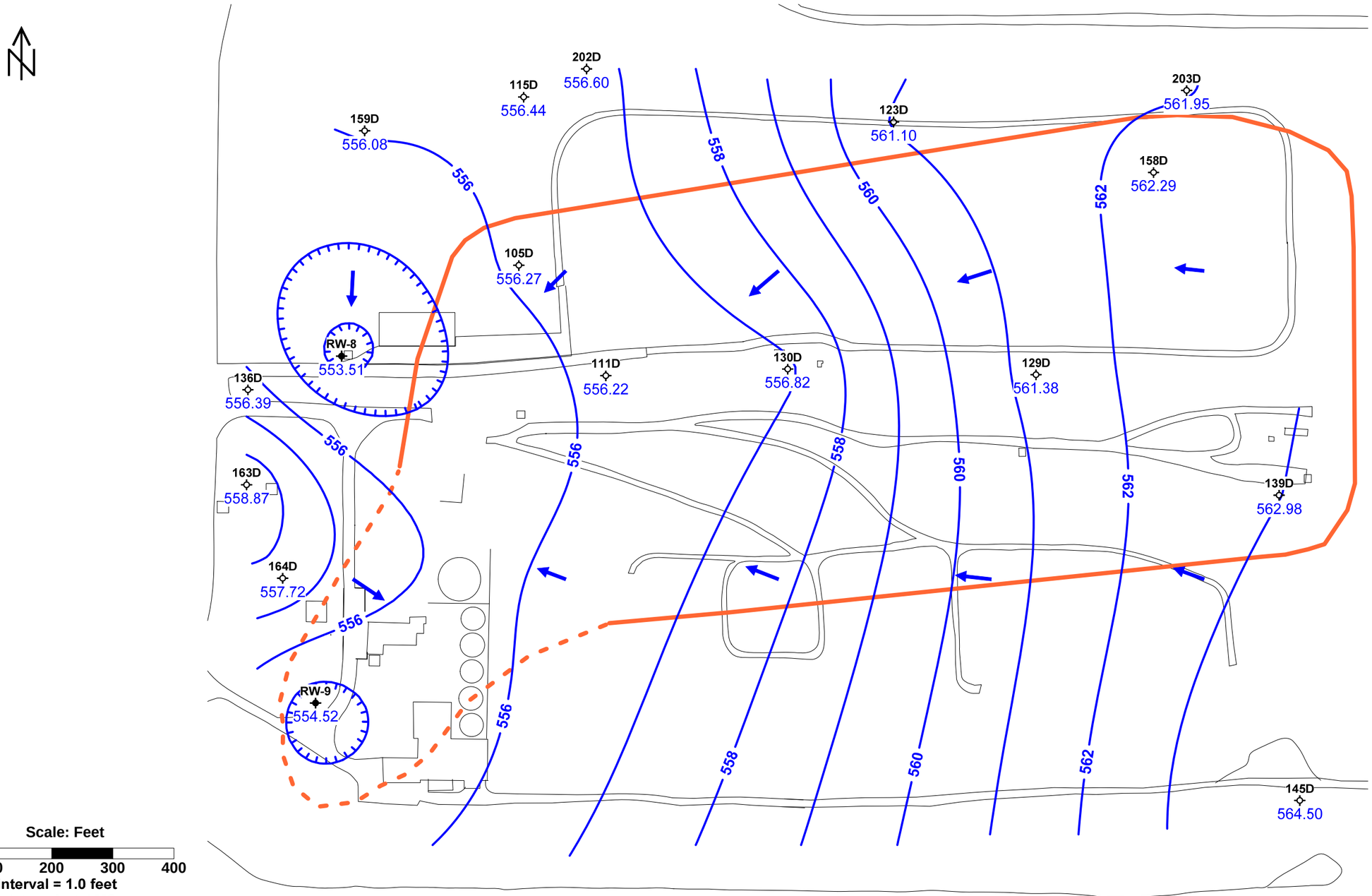
Figure 7
Potentiometric Surface Map
DuPont Necco Park: C-Zone
November 07, 2012

Q:/Necco/HydroGeo/Hydro/GW_contours/2012-11-07 NEC Contour Tool/2012-11-07 - PZ C - F7.srf

Figure 8
Select D-Zone Monitoring Wells
Groundwater Elevations 2005 through 4th Quarter 2012
DuPont Necco Park



Necco 2012 D Zone Water Elev Trends.xlsx



Scale: Feet

0 100 200 300 400

Contour interval = 1.0 feet

Elevation datum feet AMSL

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: 447777.02000	

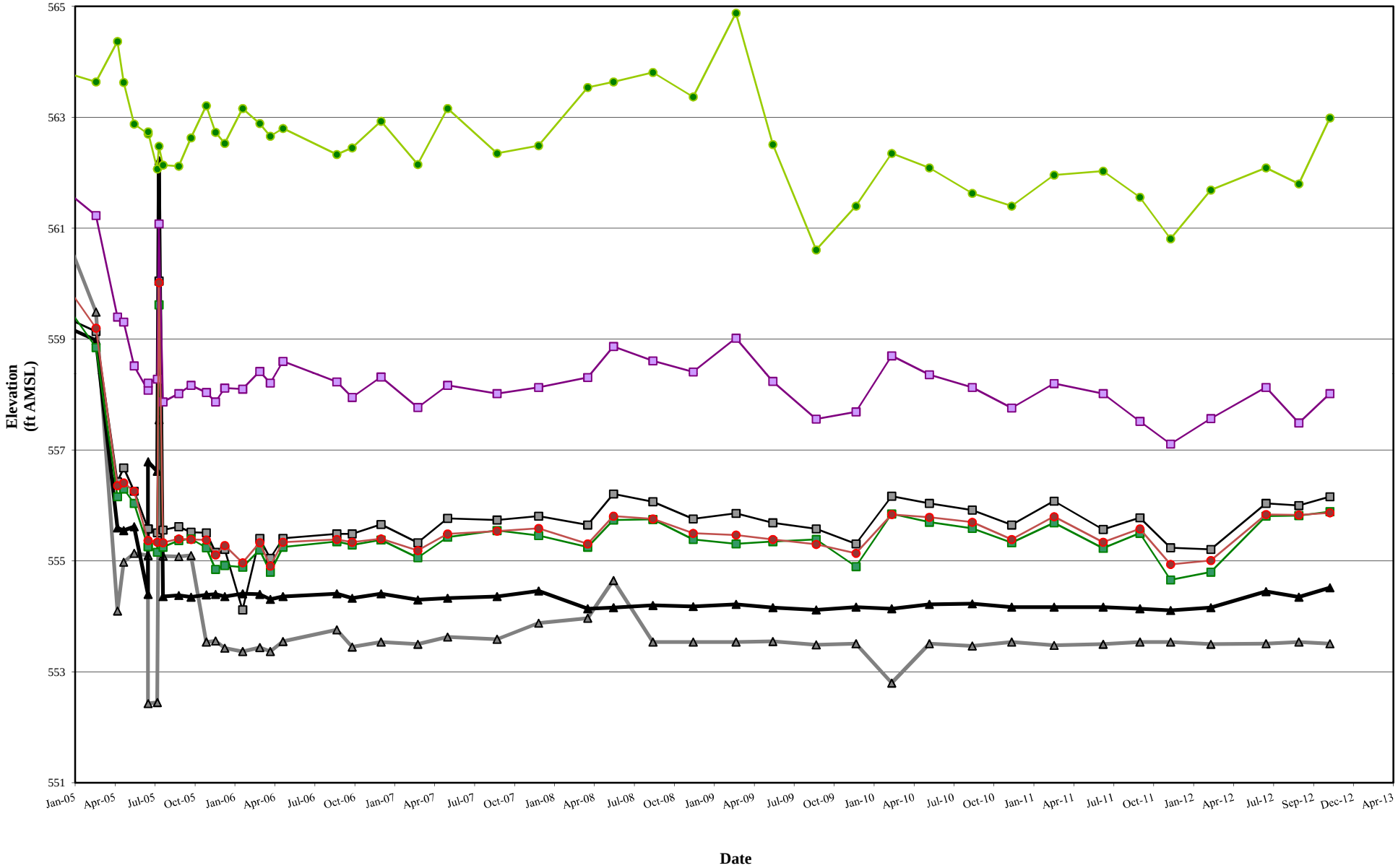
LEGEND

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

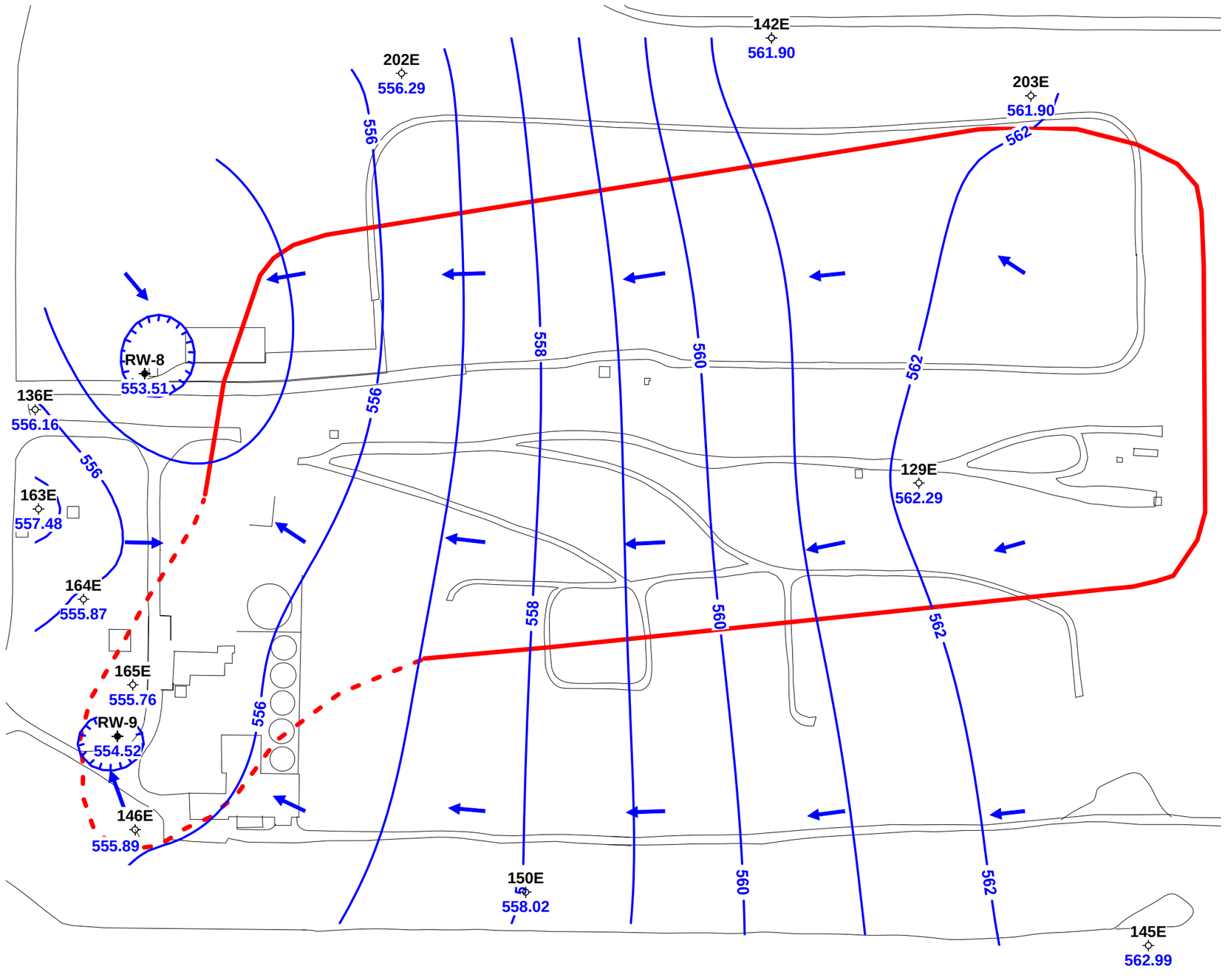
Figure 9
Potentiometric Surface Map
DuPont Necco Park: D-Zone
November 07, 2012

Q:/Necco/HydroGeo/Hydro/GW_contours/2012-11-07 NEC Contour Tool/2012-11-07 - PZ D - F9.srf

Figure 10
Select E-Zone Monitoring Wells
Groundwater Elevations 2005 Through 4th Quarter 2012
DuPont Necco Park



Necco 2012 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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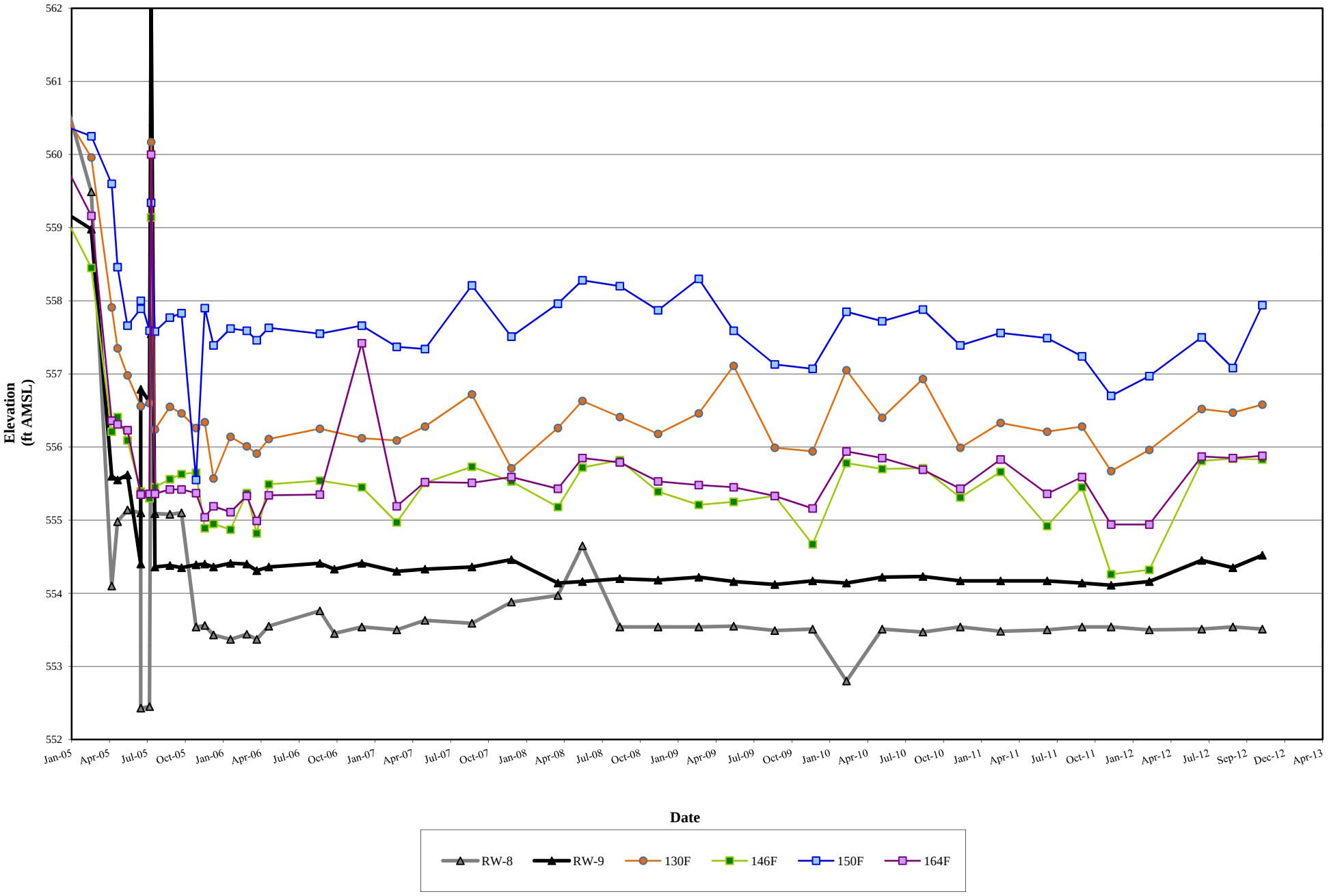
LEGEND

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

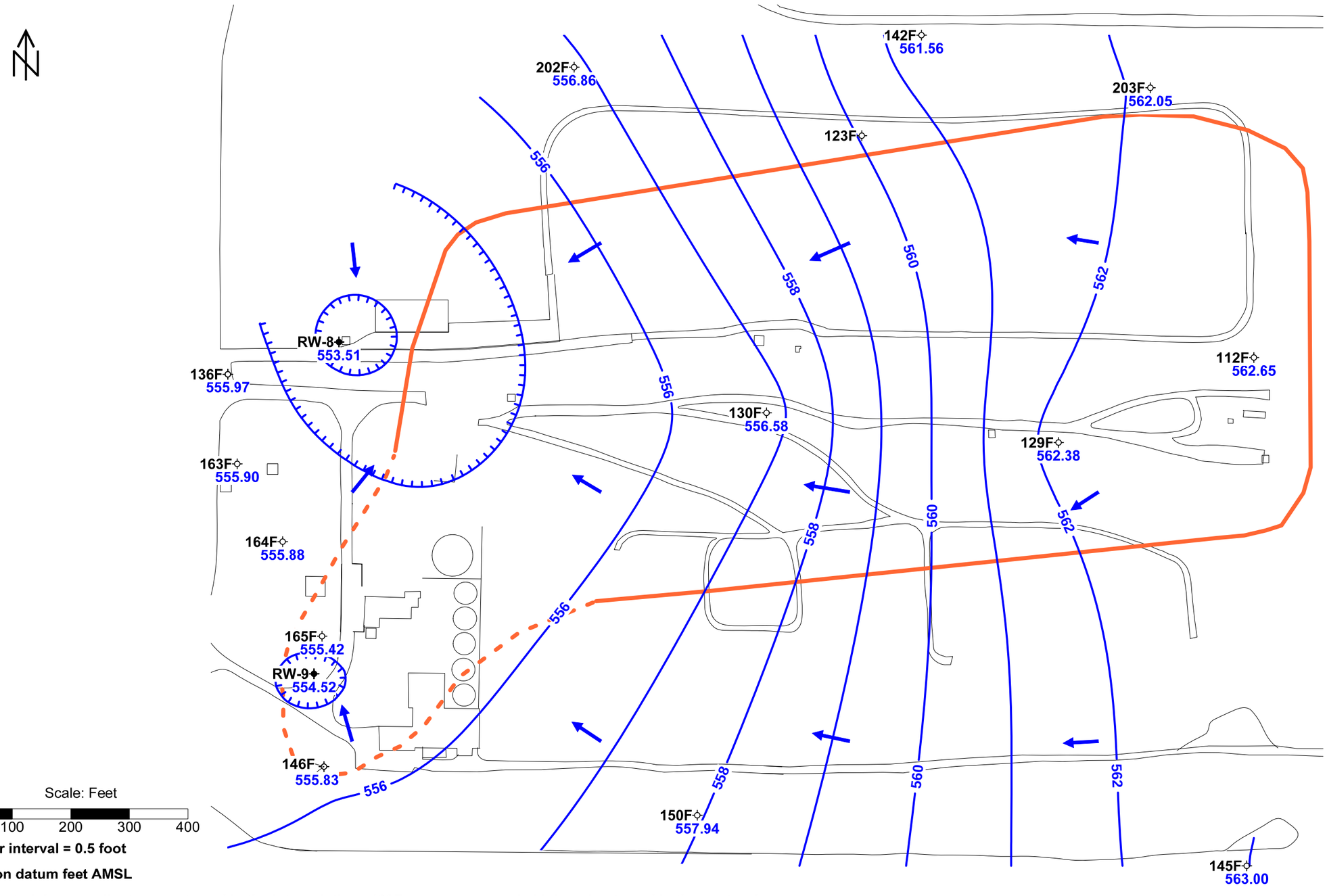
Figure 11
Potentiometric Surface Map
DuPont Necco Park: E-Zone
November 07, 2012

Q:/Necco/HydroGeo/Hydro/GW_contours/2012-11-07 NEC Contour Tool/2012-11-07 - PZ E - F11.srf

Figure 12
Select F-Zone Monitoring Wells
Groundwater Elevations 2005 Through 4th Quarter 2012
DuPont Necco Park



Necco 2012 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 anonymously high and not used in the contouring.

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Project Manager: EAF	Date: 02-13-13
Job number: 447777.02000	

LEGEND

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

Figure 13
Potentiometric Surface Map
DuPont Necco Park: F-Zone
November 07, 2012

Q:/Necco/HydroGeo/Hydro/GW_contours/2012-11-07 NEC Contour Tool/2012-11-07 - PZ F - F13.srf

APPENDIX A

GROUNDWATER ELEVATION DATA
FOURTH QUARTER 2012

APPENIX A
GROUNDWATER ELEVATION DATA - 4Q12

SAMPLE POINT	DATE	DEPTH TO WATER	CASING ELEVATION	GW ELEVATION	TIME
102B	11/07/12	22.85	599.01	576.16	1214
105C	11/07/12	26.69	595.28	568.59	1350
105D	11/07/12	38.50	594.77	556.27	1349
111A	11/07/12	15.29	586.89	571.60	1147
111B	11/07/12	14.14	584.94	570.80	1148
111D	11/07/12	28.08	584.30	556.22	1149
112B	11/07/12	10.44	581.90	571.46	1207
112C	11/07/12	16.43	582.93	566.50	1206
112F	11/07/12	20.64	583.29	562.65	1208
115C	11/07/12	25.47	595.93	570.46	1348
115D	11/07/12	40.18	596.62	556.44	1347
116B	11/07/12	15.13	590.05	574.92	1142
118B	11/07/12	14.50	583.90	569.40	1210
119A	11/07/12	13.38	586.34	572.96	1155
119B	11/07/12	15.15	586.77	571.62	1156
120B	11/07/12	25.63	599.18	573.55	1235
123A	11/07/12	22.23	597.93	575.70	1216
123B	11/07/12	19.75	595.98	576.23	1217
123C	11/07/12	23.83	595.42	571.59	1218
123D	11/07/12	35.41	596.51	561.10	1219
123F	11/07/12	34.84	598.57	563.73	1220
129A	11/07/12	11.80	584.80	573.00	1202
129B	11/07/12	15.39	585.24	569.85	1201
129C	11/07/12	13.70	585.68	571.98	1200
129D	11/07/12	24.65	586.03	561.38	1159
129E	11/07/12	18.59	580.88	562.29	1200
129F	11/07/12	18.98	581.36	562.38	1202
130B	11/07/12	13.09	585.63	572.54	1151
130C	11/07/12	16.10	585.51	569.41	1152
130D	11/07/12	28.14	584.96	556.82	1153
130F	11/07/12	24.91	581.49	556.58	1143
131A	11/07/12	15.50	585.43	569.93	1204
136B	11/07/12	7.60	581.69	574.09	1123
136C	11/07/12	9.54	581.62	572.08	1122
136D	11/07/12	23.29	579.68	556.39	1121
136E	11/07/12	23.43	579.59	556.16	1120
136F	11/07/12	24.36	580.33	555.97	1118
136F	11/07/12	24.35	580.33	555.98	1241
136G	11/07/12	18.01	579.76	561.75	1119
136G	11/07/12	18.22	579.76	561.54	1240
137A	11/07/12	7.39	578.47	571.08	1123
137B	11/07/12	7.63	578.31	570.68	1124
137C	11/07/12	10.25	578.39	568.14	1125
137D	11/07/12	12.56	579.09	566.53	1126
138B	11/07/12	11.99	583.98	571.99	1154
138C	11/07/12	17.88	587.06	569.18	1153
139B	11/07/12	17.87	585.39	567.52	1205
139C	11/07/12	22.90	585.27	562.37	1206
139D	11/07/12	22.51	585.49	562.98	1207
140A	11/07/12	8.24	581.55	573.31	1211

APPENIX A
GROUNDWATER ELEVATION DATA - 4Q12

SAMPLE POINT	DATE	DEPTH TO WATER	CASING ELEVATION	GW ELEVATION	TIME
142E	11/07/12	24.10	586.00	561.90	1225
142F	11/07/12	24.13	585.69	561.56	1226
145A	11/07/12	4.12	575.84	571.72	1247
145B	11/07/12	6.99	575.48	568.49	1245
145C	11/07/12	11.27	575.90	564.63	1305
145D	11/07/12	11.55	576.05	564.50	1308
145E	11/07/12	12.99	575.98	562.99	1244
145F	11/07/12	13.05	576.05	563.00	1243
146AR	11/07/12	5.72	576.92	571.20	1311
146B	11/07/12	6.53	576.90	570.37	1312
146C	11/07/12	6.39	576.35	569.96	1313
146E	11/07/12	20.19	576.08	555.89	1314
146F	11/07/12	20.21	576.04	555.83	1315
148D	11/07/12	6.54	579.38	572.84	1222
148F	11/07/12	20.47	576.21	555.74	1223
149B	11/07/12	3.99	572.87	568.88	1215
149C	11/07/12	5.07	573.26	568.19	1216
149D	11/07/12	15.58	572.86	557.28	1217
150A	11/07/12	3.72	575.86	572.14	1229
150B	11/07/12	5.80	575.99	570.19	1230
150C	11/07/12	9.14	576.13	566.99	1231
150E	11/07/12	18.13	576.15	558.02	1232
150F	11/07/12	18.04	575.98	557.94	1233
151B	11/07/12	6.28	573.36	567.08	1210
151C	11/07/12	6.63	573.18	566.55	1212
158D	11/07/12	35.91	598.20	562.29	1213
159A	11/07/12	19.36	596.16	576.80	1346
159B	11/07/12	22.88	596.37	573.49	1345
159C	11/07/12	25.50	597.36	571.86	1344
159D	11/07/12	41.59	597.67	556.08	1343
160B	11/07/12	13.94	582.75	568.81	1259
160C	11/07/12	18.63	582.72	564.09	1300
161B	11/07/12	12.90	582.84	569.94	1216
161C	11/07/12	20.22	582.64	562.42	1215
162C	11/07/12	14.54	581.00	566.46	1159
163A	11/07/12	5.10	578.14	573.04	1139
163B	11/07/12	4.98	577.94	572.96	1138
163D	11/07/12	19.95	578.82	558.87	1137
163E	11/07/12	21.58	579.06	557.48	1136
163F	11/07/12	22.86	578.76	555.90	1135
164D	11/07/12	19.70	577.42	557.72	1133
164E	11/07/12	21.45	577.32	555.87	1132
164F	11/07/12	21.39	577.27	555.88	1131
165D	11/07/12	11.71	577.52	565.81	1319
165E	11/07/12	21.80	577.56	555.76	1320
165F	11/07/12	22.30	577.72	555.42	1321
167B	11/07/12	12.51	580.93	568.42	1204
168A	11/07/12	6.70	578.72	572.02	1250
168B	11/07/12	12.75	578.90	566.15	1251
168C	11/07/12	13.88	579.21	565.33	1252

APPENIX A
GROUNDWATER ELEVATION DATA - 4Q12

SAMPLE POINT	DATE	DEPTH TO WATER	CASING ELEVATION	GW ELEVATION	TIME
169B	11/07/12	11.89	580.43	568.54	1256
170B	11/07/12	11.73	579.10	567.37	1258
171B	11/07/12	10.79	579.54	568.75	1303
172B	11/07/12	8.18	576.95	568.77	1240
173A	11/07/12	8.49	580.71	572.22	1140
174A	11/07/12	5.71	577.62	571.91	1124
175A	11/07/12	12.11	586.81	574.70	1145
176A	11/07/12	7.84	580.03	572.19	1125
178A	11/07/12	7.64	579.92	572.28	1137
179A	11/07/12	7.03	579.01	571.98	1126
184A	11/07/12	7.55	579.88	572.33	1142
185A	11/07/12	8.07	580.84	572.77	1157
186A	11/07/12	11.89	579.76	567.87	1152
187A	11/07/12	11.32	579.94	568.62	1155
188A	11/07/12	15.45	580.91	565.46	1156
189A	11/07/12	12.71	579.82	567.11	1158
190A	11/07/12	12.97	580.58	567.61	1203
191A	11/07/12	6.69	580.62	573.93	1205
192A	11/07/12	15.49	584.08	568.59	1206
193A	11/07/12	13.35	584.13	570.78	1212
194A	11/07/12	15.76	584.35	568.59	1209
201B	11/07/12	10.51	579.25	568.74	1128
202D	11/07/12	36.13	592.73	556.60	1232
202E	11/07/12	36.44	592.73	556.29	1231
202F	11/07/12	35.87	592.73	556.86	1233
203D	11/07/12	31.90	593.85	561.95	1226
203E	11/07/12	31.95	593.85	561.90	1227
203F	11/07/12	31.80	593.85	562.05	1228
204C	11/07/12	18.86	581.77	562.91	1211
BZTW-1	11/07/12	8.12	579.67	571.55	1144
BZTW-2	11/07/12	7.57	579.38	571.81	1136
BZTW-4	11/07/12	4.58	578.18	573.60	1128
D-10	11/07/12	10.71	580.02	569.31	1145
D-11	11/07/12	6.87	578.07	571.20	1127
D-13	11/07/12	5.61	579.07	573.46	1121
D-14	11/07/12	10.46	579.01	568.55	1120
D-23	11/07/12	13.81	580.61	566.80	1201
D-9	11/07/12	7.92	580.15	572.23	1146
PZ-A	11/07/12	9.93	579.06	569.13	1119
PZ-B	11/07/12	10.24	579.47	569.23	1120
RDB-3	11/07/12	5.32	579.31	573.99	1124
RDB-5	11/07/12	5.12	578.57	573.45	1127
RW-11	11/07/12	10.71	578.78	568.07	1122
RW-4	11/07/12	36.82	581.52	544.70	1208
RW-5	11/07/12	18.20	578.88	560.68	1157
RW-8	11/07/12	32.01	585.52	553.51	1143
RW-9	11/07/12	20.61	575.13	554.52	1318
TRW-6	11/07/12	8.26	580.21	571.95	1141
TRW-7	11/07/12	6.79	577.89	571.10	1123

APPENDIX B

GWTF PROCESS SAMPLING RESULTS
FOURTH QUARTER 2012

Appendix B
Summary of Analytical Results
DuPont Necco Park
Fourth Quarter 2012

Method	CAS No.	LabAnalyte	Location / Date / Units	BC-INFLUENT 11/7/12 FS	DEF-INFLUENT 11/7/12 FS	COMB-EFFLUENT 11/7/12 FS	TBLK 11/7/12 TB
		Field Measurements					
NS	EVS0118	COLOR QUALITATIVE (FIELD)	NS	grey/blue	grey	grey/blue	NS
NS	EVS0125	ODOR (FIELD)	NS	moderate	moderate	slight	NS
NS	EVS0127	PH (FIELD)	STD UNITS	5.44	6.68	7.53	NS
NS	EVS0128	REDOX (FIELD)	MV	-102	-216	-89	NS
NS	EVS0044	SPECIFIC CONDUCTANCE (FIELD)	UMHOS/CM	8352	3913	5506	NS
NS	EVS0113	TEMPERATURE (FIELD)	DEGREES C	12.5	11.3	11.8	NS
NS	EVS0130	TURBIDITY QUANTITATIVE (FIELD)	NTU	86.4	47.8	87.9	NS
		Volatile Organics					
8260B	79345	1,1,2,2-TETRACHLOROETHANE	UG/L	5800	1400	1300	<0.18
8260B	79005	1,1,2-TRICHLOROETHANE	UG/L	3100	2100	530	<0.27
8260B	75354	1,1-DICHLOROETHENE	UG/L	610	290	<0.95	<0.19
8260B	107062	1,2-DICHLOROETHANE	UG/L	390	150	26	<0.22
8260B	56235	CARBON TETRACHLORIDE	UG/L	3300	1300	7.4	<0.13
8260B	67663	CHLOROFORM	UG/L	13000	3500	130	<0.16
8260B	156592	CIS-1,2-DICHLOROETHENE	UG/L	5500	10000	140	<0.17
8260B	75092	METHYLENE CHLORIDE	UG/L	2400	5200	130	<0.33
8260B	127184	TETRACHLOROETHENE	UG/L	6100	1200	43	<0.29
8260B	156605	TRANS-1,2-DICHLOROETHENE	UG/L	420	670	2 J	<0.19
8260B	79016	TRICHLOROETHENE	UG/L	15000	5800	57	<0.17
8260B	75014	VINYL CHLORIDE	UG/L	2300	2200	<1.1	<0.22
Total Volatiles			UG/L	57920	33810	2365.4	

< Not detected at stated reporting limit
NS Not sampled for parameter
J Estimated concentration

ATTACHMENT 1

NECCO PARK
4Q12 WATER LEVELS

(ELECTRONIC FORMAT ONLY)