



DuPont Corporate Remediation Group
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November 24, 2014

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 THIRD QUARTER 2014 DATA PACKAGE

Enclosed are two copies of the *Third Quarter 2014 (3Q14) 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 3Q14 monitoring summary for dense non-aqueous phase liquid (DNAPL).

Pumping system uptime for 3Q14 was 89.3 percent. The total volume of groundwater treated was 3,660,343 gallons. No recoverable DNAPL was identified during the period.

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

Sincerely,

CORPORATE REMEDIATION GROUP

A handwritten signature in black ink, appearing to read "Paul F. Mazierski".

Paul F. Mazierski
Project Director

PFM/EAF
Enc.

cc: M. Hinton/NYSDEC
E. Felter/Parsons
T. Pezzino/URS
Mary Cedeno/URS

**SOURCE AREA HYDRAULIC CONTROL SYSTEM
THIRD QUARTER 2014
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

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November 2014

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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 2014 (3Q14) 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 37th 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 3Q14:

	HCS Uptime (%)	Groundwater Treated (gallons)	DNAPL Removed (gallons)
July	91.5%	1,206,852	0
August	93.4%	1,350,296	0
September	83%	1,103,195	0
3Q14 Total	89.3%	3,660,343	0

System downtime is categorized into two groups: individual recovery well downtime and HCS system downtime. Table 1 provides a list of pumping well outages during the quarter. RW-5 was down for approximately 65.5 hours between August 30th and September 2nd due to a low flow interlock. Additionally the flow meters and transducers were recalibrated during this period. Between September 5th and 8th all of the recovery wells were down due to a power outage caused by an electrical storm. There was no scheduled or unscheduled reportable HCS downtime during the quarter. Table 2 provides a historical operations summary by quarter since HCS operations began.

Monthly DNAPL monitoring was completed during 3Q14. No measurable thickness of 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 3Q14 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 July 21, 2014 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 #64 for Necco Park, the GWTF discharge is sampled and reported quarterly to the Niagara Falls Water Board (NFWB). The Necco Park 3Q14 sewer discharge samples were collected on September 12, 2014. There were no permit limit exceedances in 3Q14. The results indicate that the GWTF continued operating within normal parameters during 3Q14.

The SIU permit #64 was renewed during 2Q14 with an effective date of May 2, 2014. Minor limit increases for tricholophenol, hexachloroethane, and 1,2-dichloroethane were approved by NFWB. The current sewer discharge permit expires on May 2, 2019.

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
Individual Well Shutdown Summary for 3Q14
DuPont Necco Park

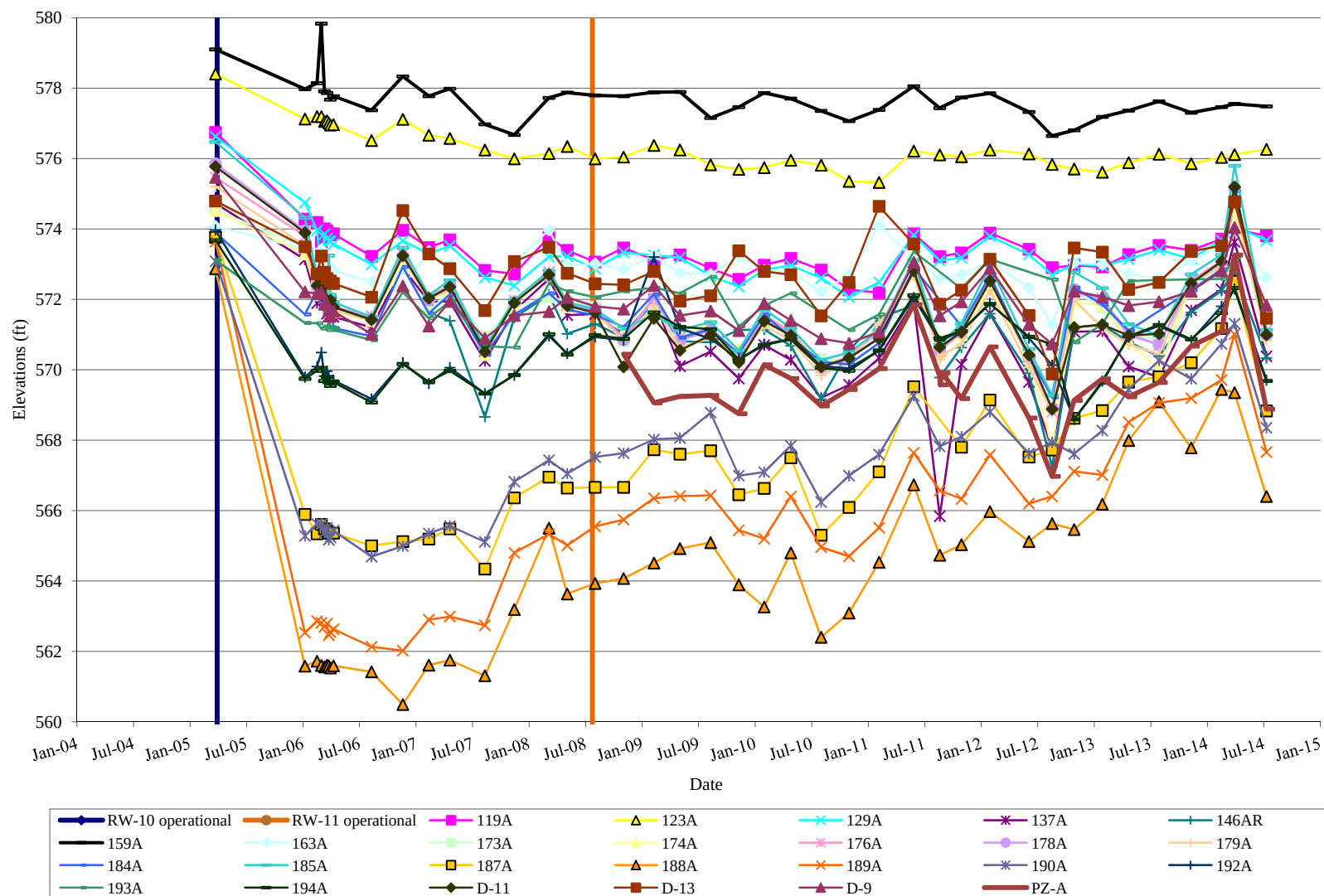
	Well ID	Date(s)	Length of Shutdown (hours)	Reason for Shutdown	Remarks
July					No wells were down greater than 48 hours in October 2013
August	RW-5	August 30 through September 2	65.5	Lo-lo flow interlock. Flow meters and transducers were recalibrated.	
September	RW-4, RW-5, RW-8, RW-9, and RW-11	September 5 through September 8	70.0	Power outage due to electrical storm.	

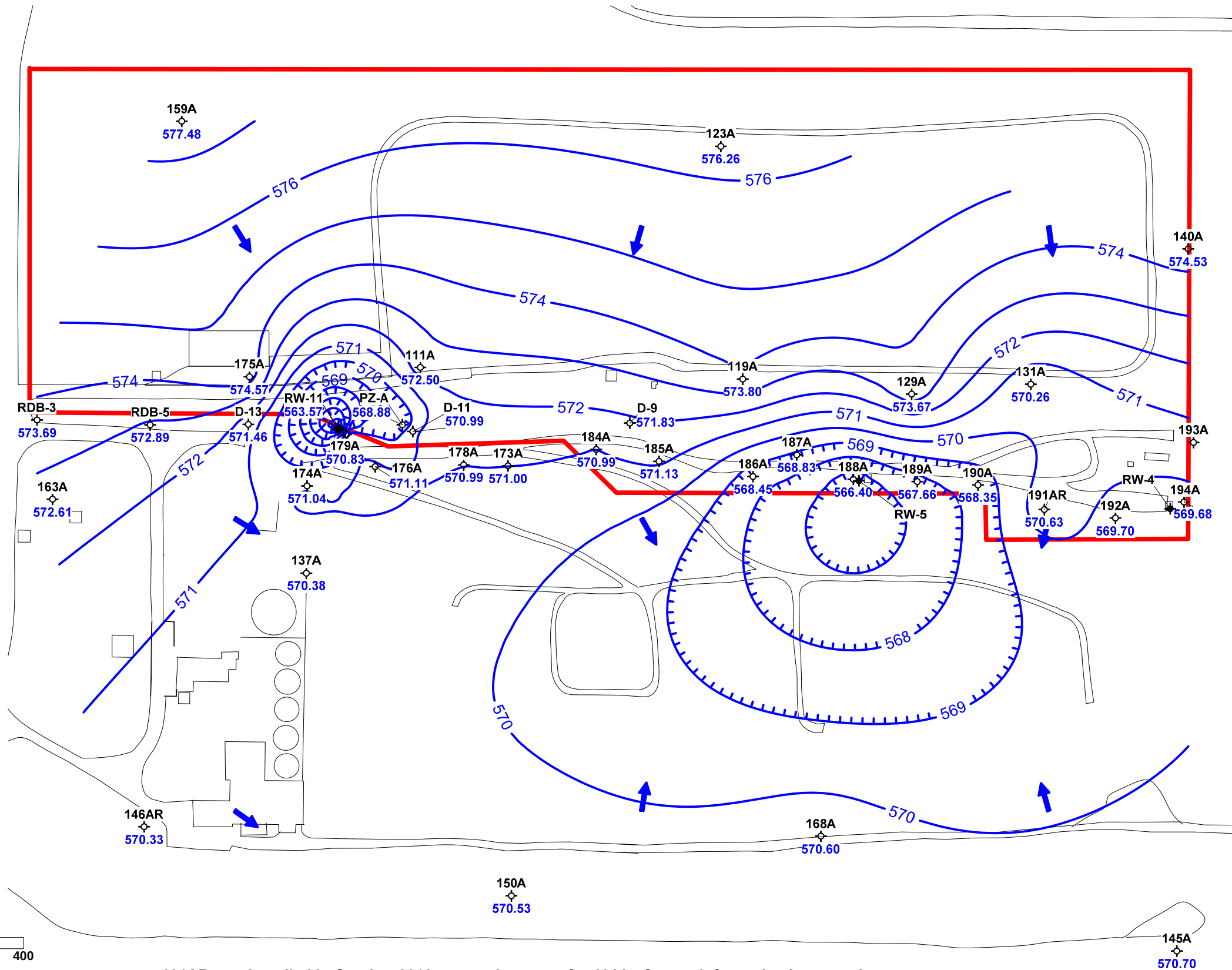
Table 2
Historical HCS Operational Summary - 3Q14
DuPont Necco Park

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
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
TOTALS	---	---	131,224,660	1,334
AVERAGE	91.7	93.3	---	---

FIGURES

Figure 1
Select A-Zone Monitoring Wells
Groundwater Elevations 2005 Through 3rd Quarter 2014
DuPont Necco Park





Scale: Feet



Contour Interval = 1 foot Elevation datum feet AMSL

191AR was installed in October 2013 as a replacement for 191A. Survey information is approximate.
No water level was collected from 193A during July 2014 as the well cap could not be removed.

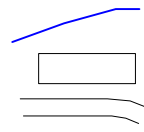
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Created by: RBP	Date: 08-27-14
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Job number: 448576.02050	

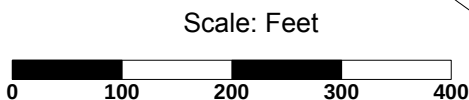
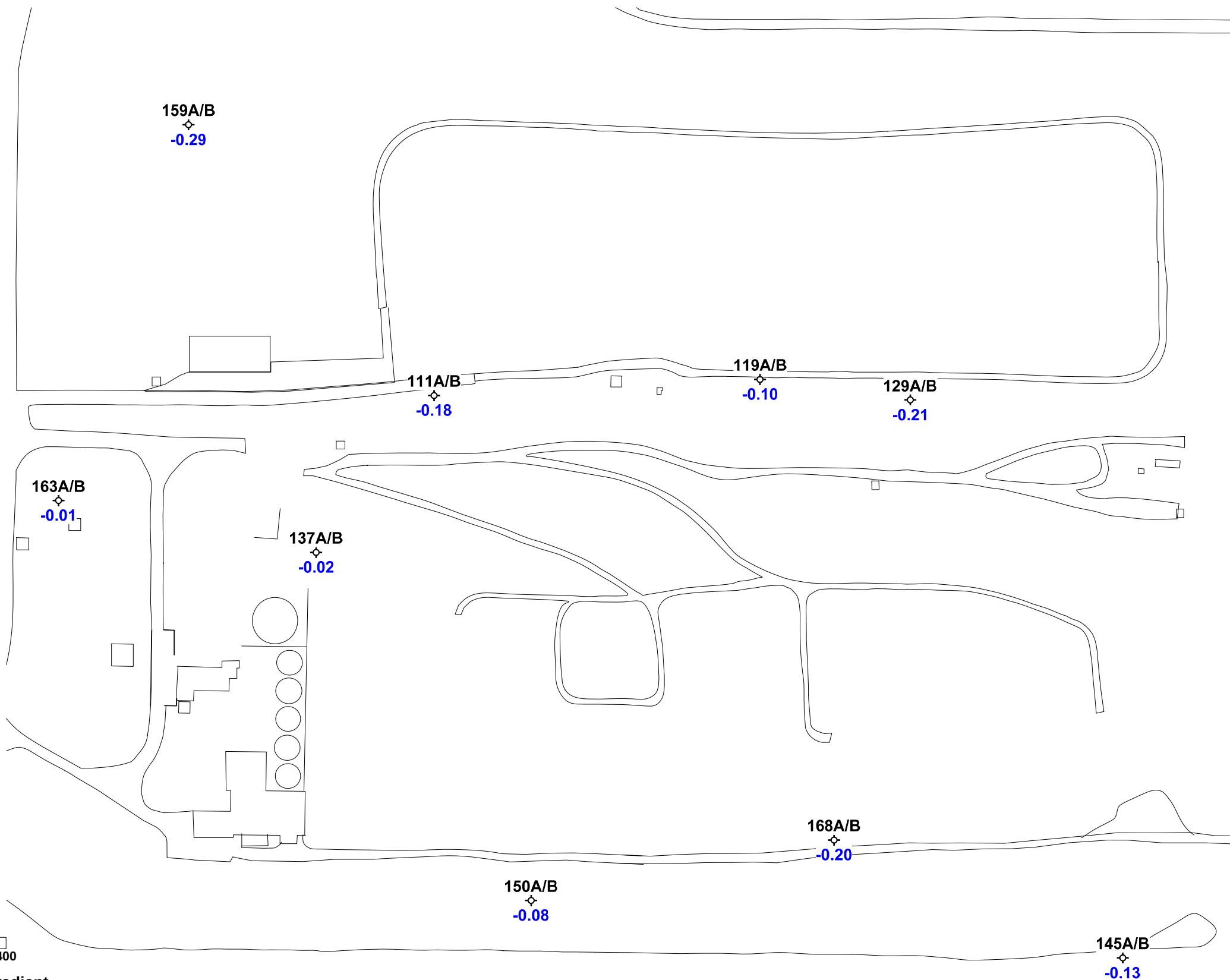
LEGEND

- 3B Well ID
- ◇ Monitoring Well
- ★ Pumping Well



- Potentiometric Contour
- Structure
- Road
- Source Area Extent

Figure 2
Potentiometric Surface Map
DuPont Necco Park: A-Zone
July 21, 2014



Negative value indicates downward gradient
Elevation datum feet AMSL

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LEGEND

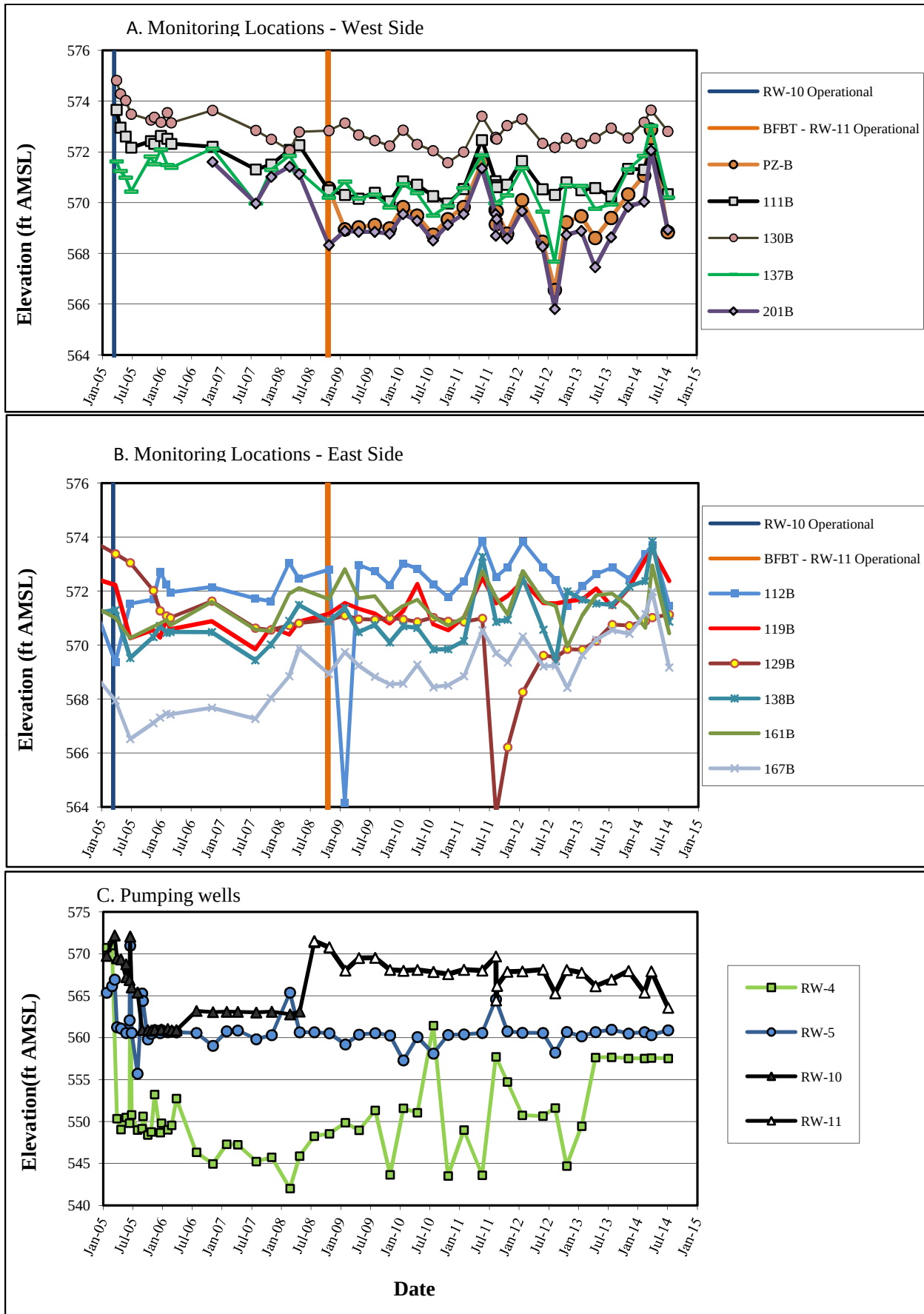
- 150A/B Well ID
- ◊ Monitoring Well
- ◆ Pumping Well

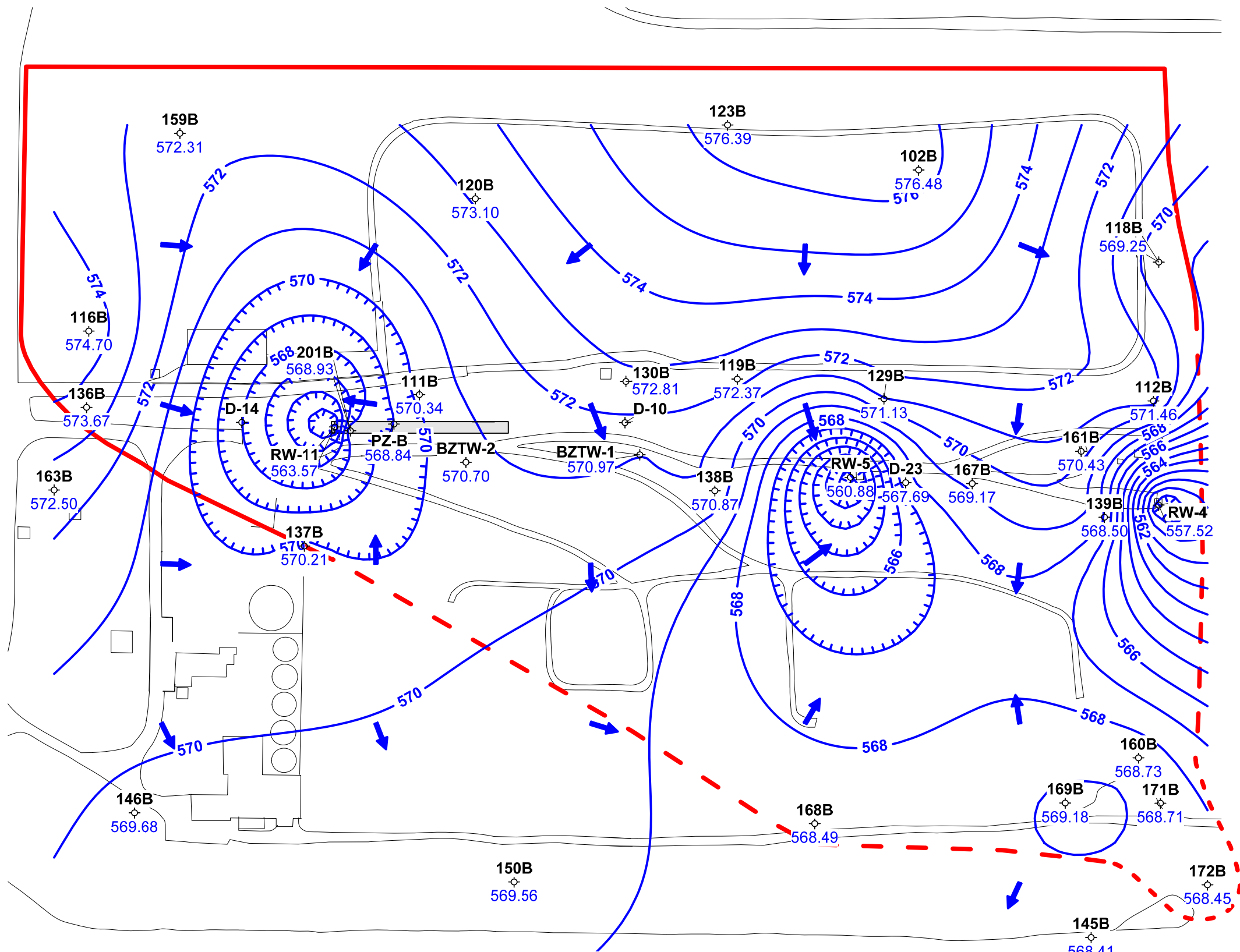
- Structure
- Road

-0.08 Vertical Hydraulic Gradient

Figure 3
Vertical Gradient: A-Zone to B-Zone
DuPont Necco Park
July 21, 2014

Figure 4
Select B-Zone Monitoring Wells
Groundwater Elevations 2005 through 3rd Quarter 2014





Scale: Feet
0 100 200 300 400

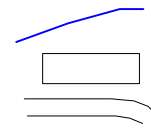
Contour interval = 1.0 foot
Elevation datum feet AMSL
Wells 149B and 151B are outside the area shown, but were used in the contouring.
Wells 170B, TRW-6, and TRW-7 were not used in the contouring.

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3B Well ID
Monitoring Well
Pumping Well



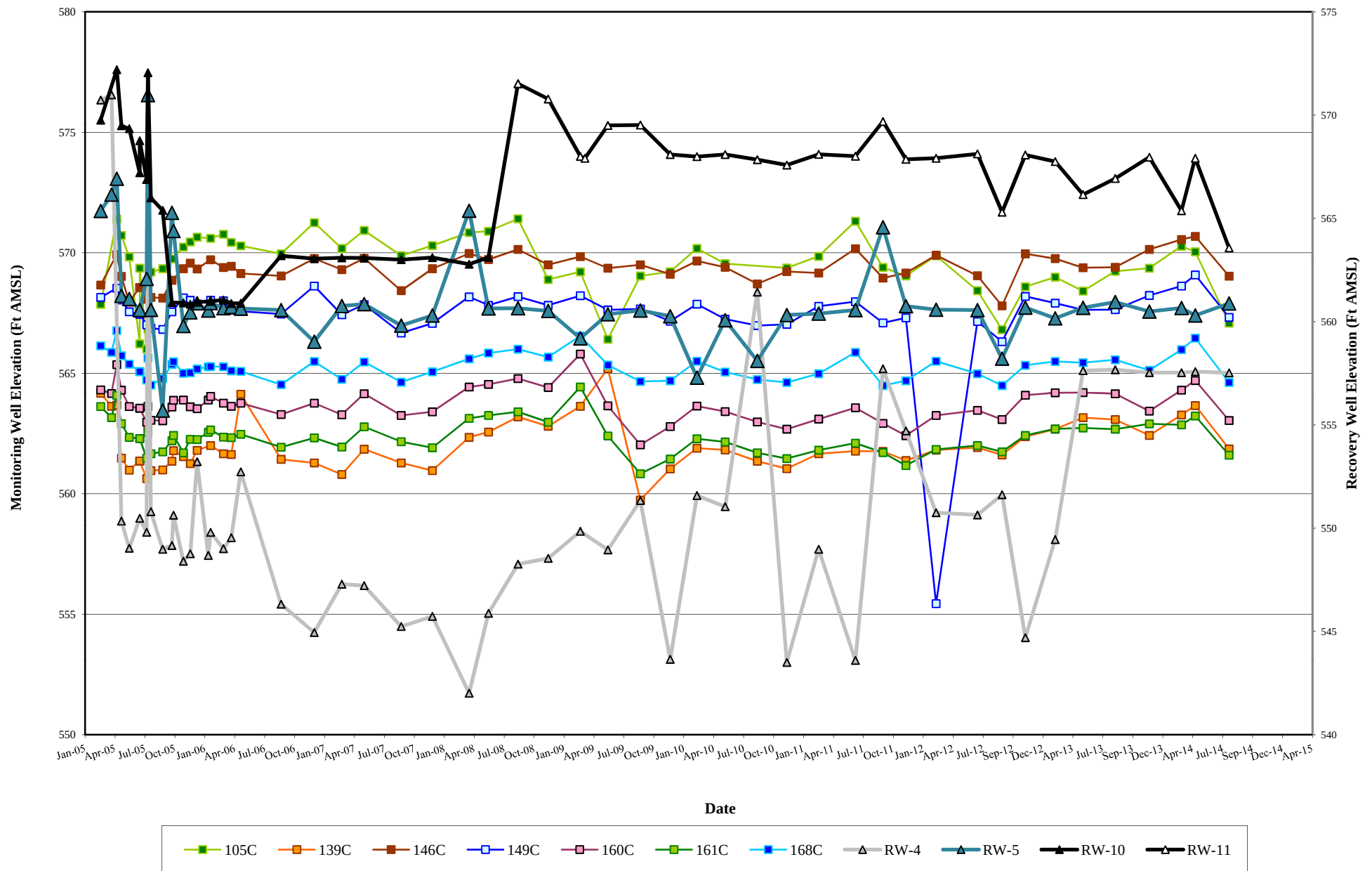
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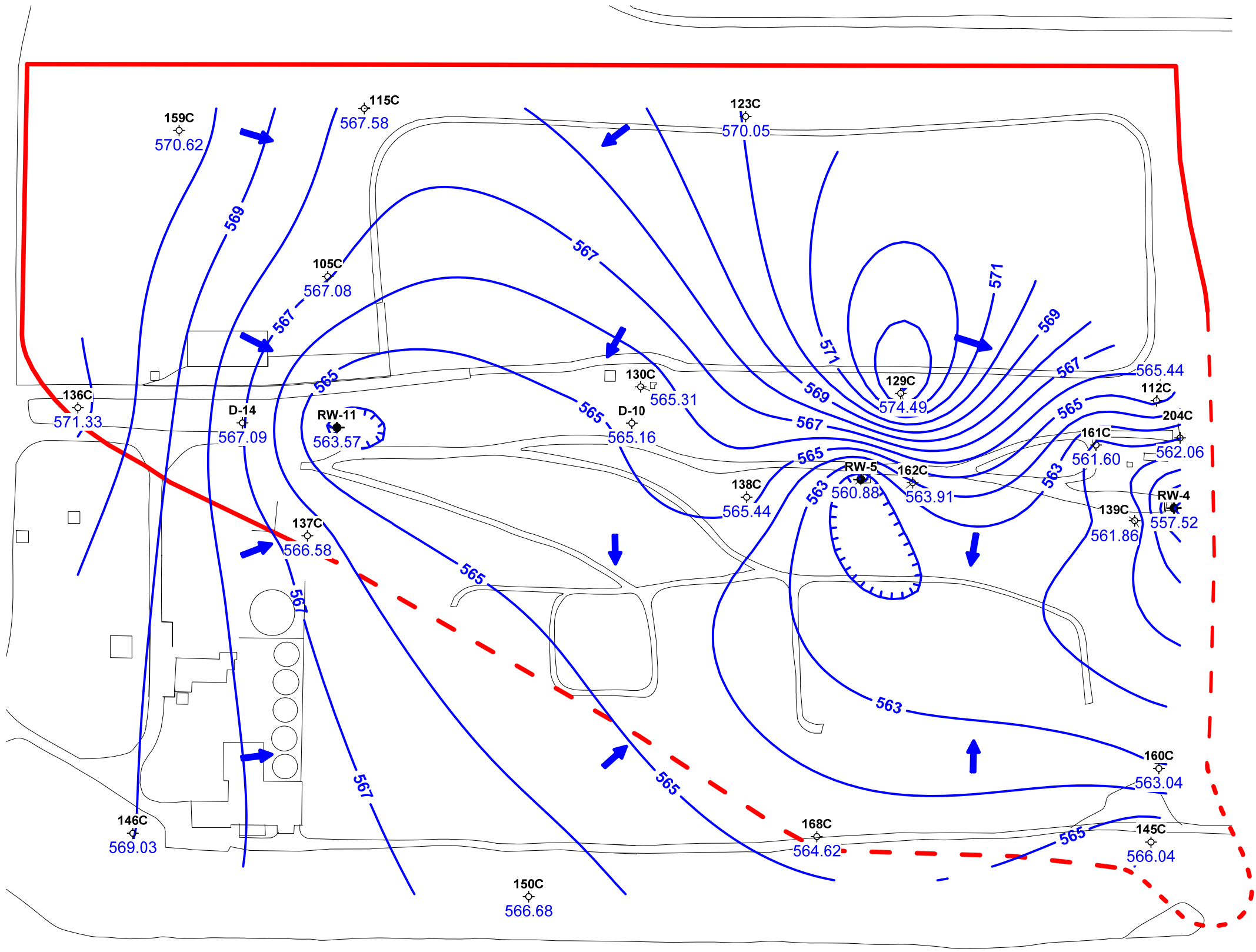
Potentiometric Contour
Structure
Road

Source Area Extent
Bedrock Fractured Blast Trench

Figure 5
Potentiometric Surface Map
DuPont Necco Park: B-Zone
July 21, 2014

Figure 6
Select C-Zone Monitoring Wells
Groundwater Elevations 2005 Through 3rd Quarter 2014
DuPont Necco Park





Scale: Feet
0 100 200 300 400
Contour interval = 1.0 foot
Elevation datum feet AMSL

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3B Well ID

Monitoring Well

Pumping Well

LEGEND

Potentiometric Contour

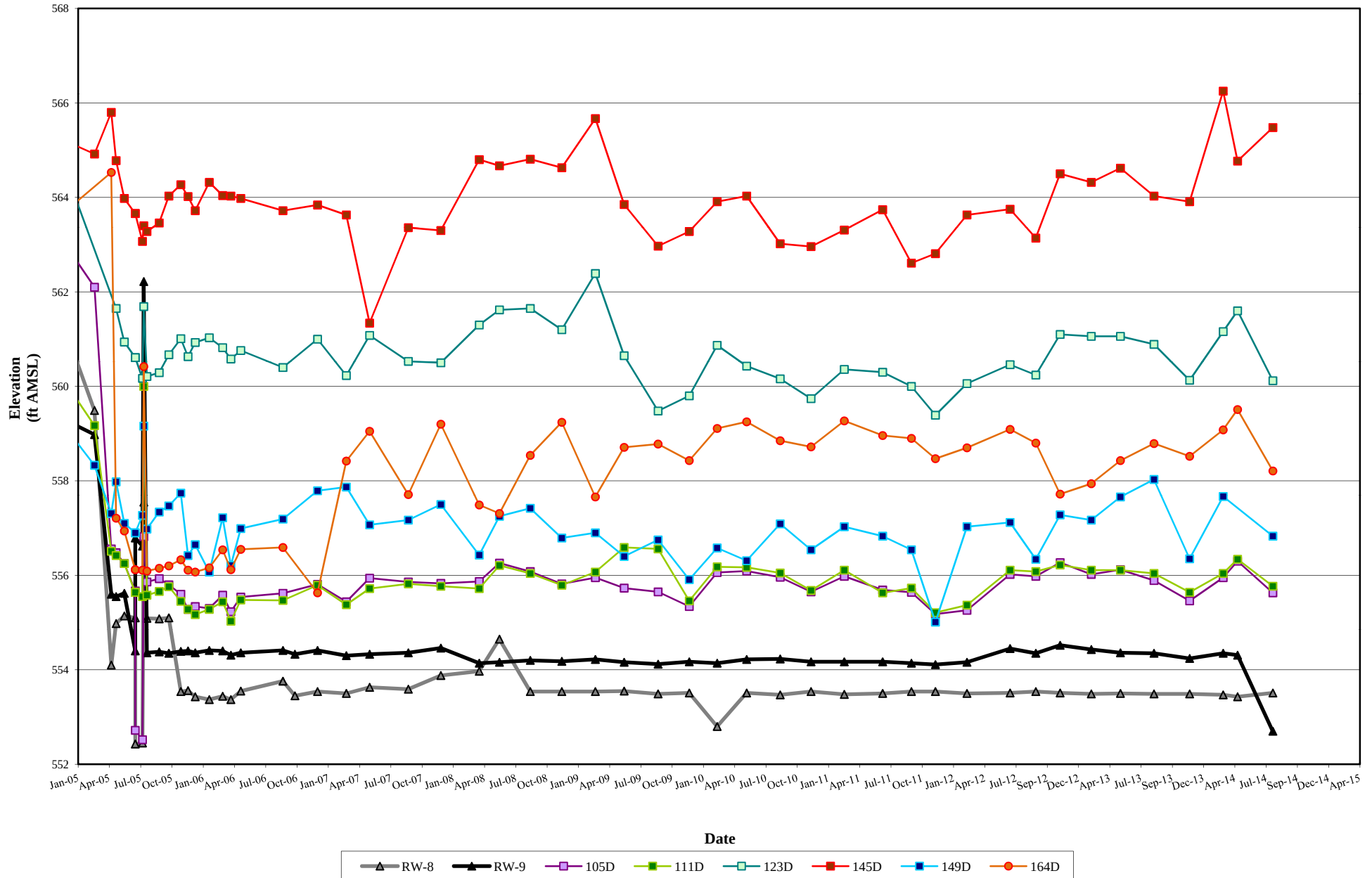
Structure

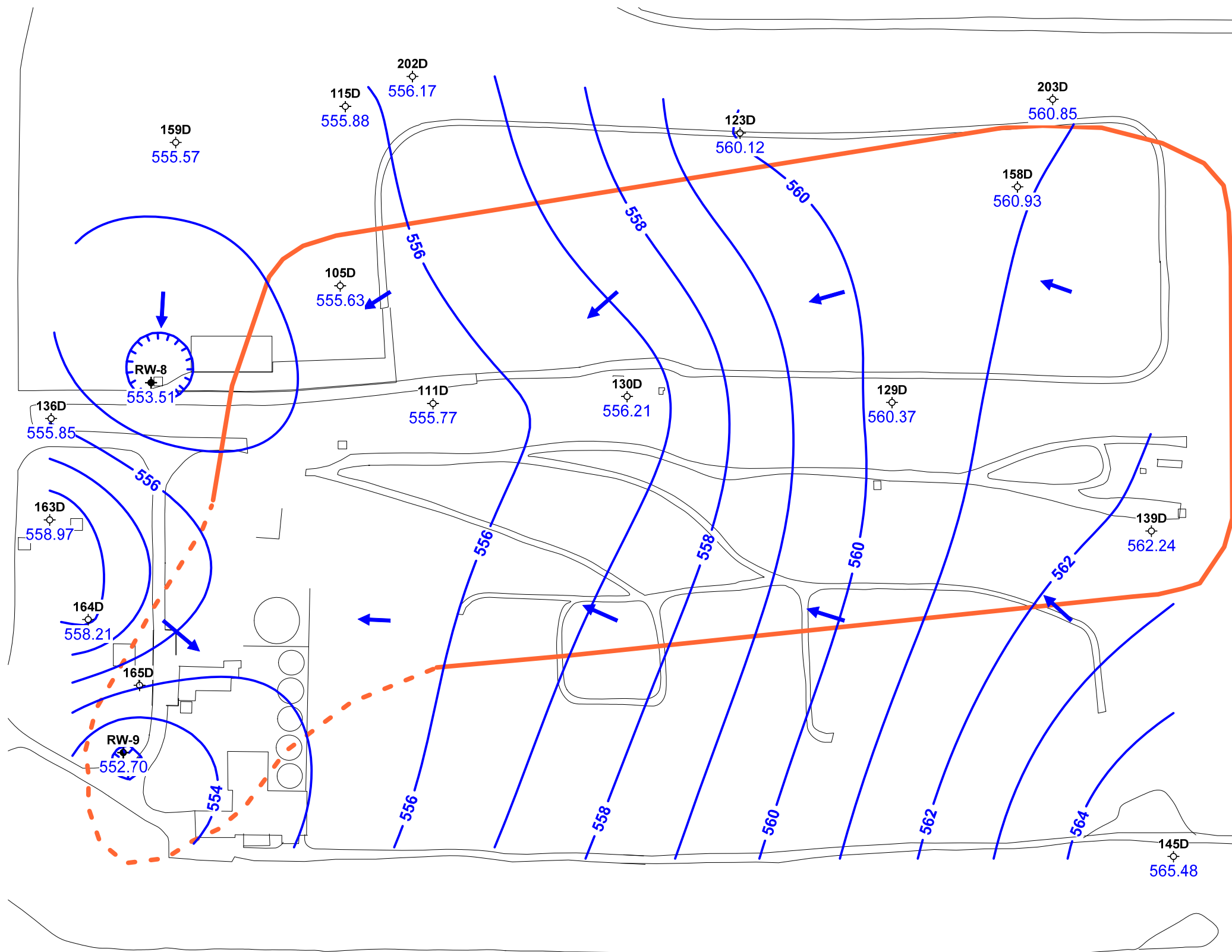
Road

Source Area Extent

Figure 7
Potentiometric Surface Map
DuPont Necco Park: C-Zone
July 21, 2014

Figure 8
Select D-Zone Monitoring Wells
Groundwater Elevations 2005 through 3rd Quarter 2014
DuPont Necco Park





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: 448576.02050	

3B

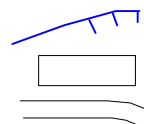
Well ID



Monitoring Well



Pumping Well



LEGEND

Potentiometric Contour

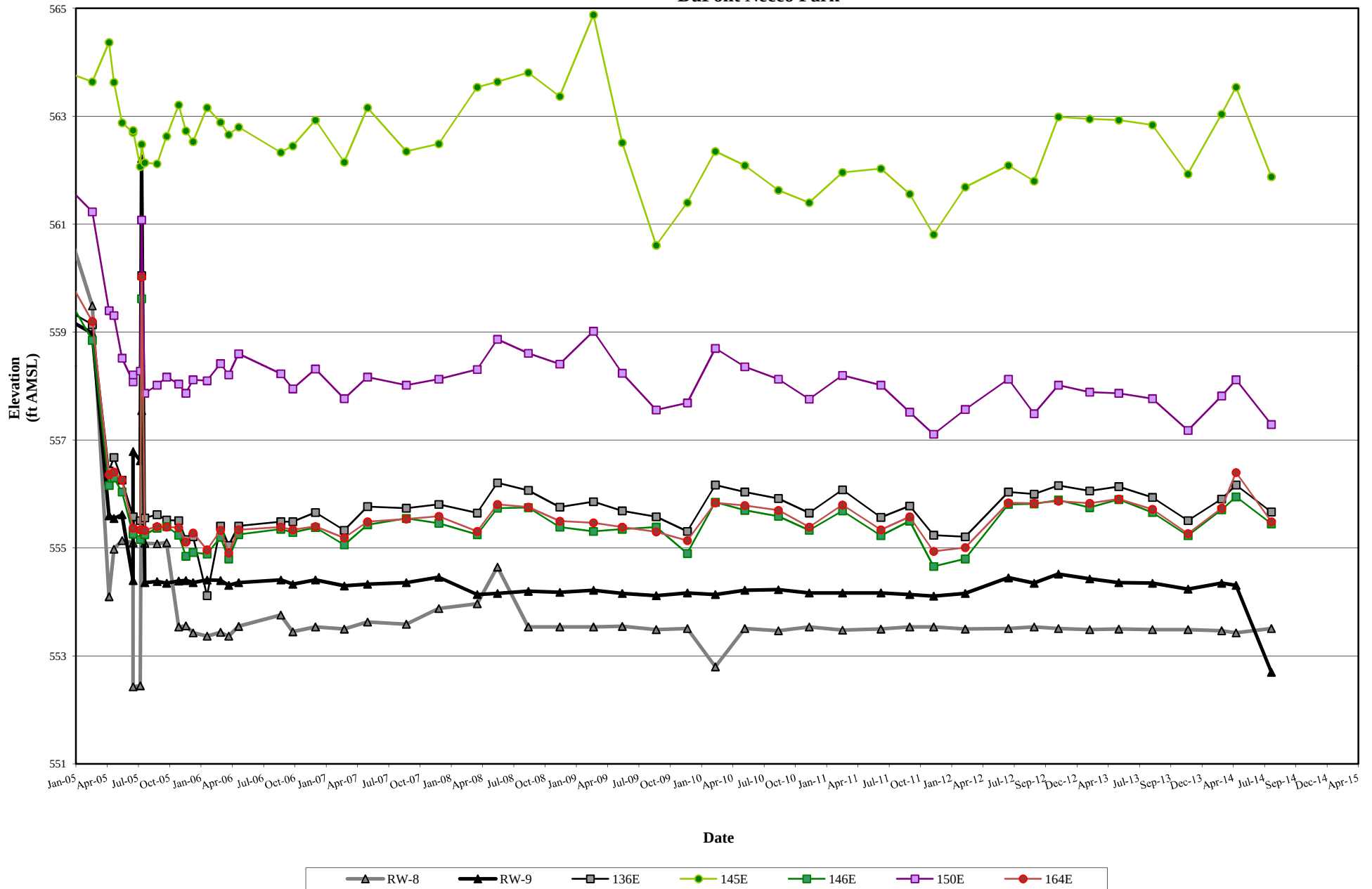
Structure

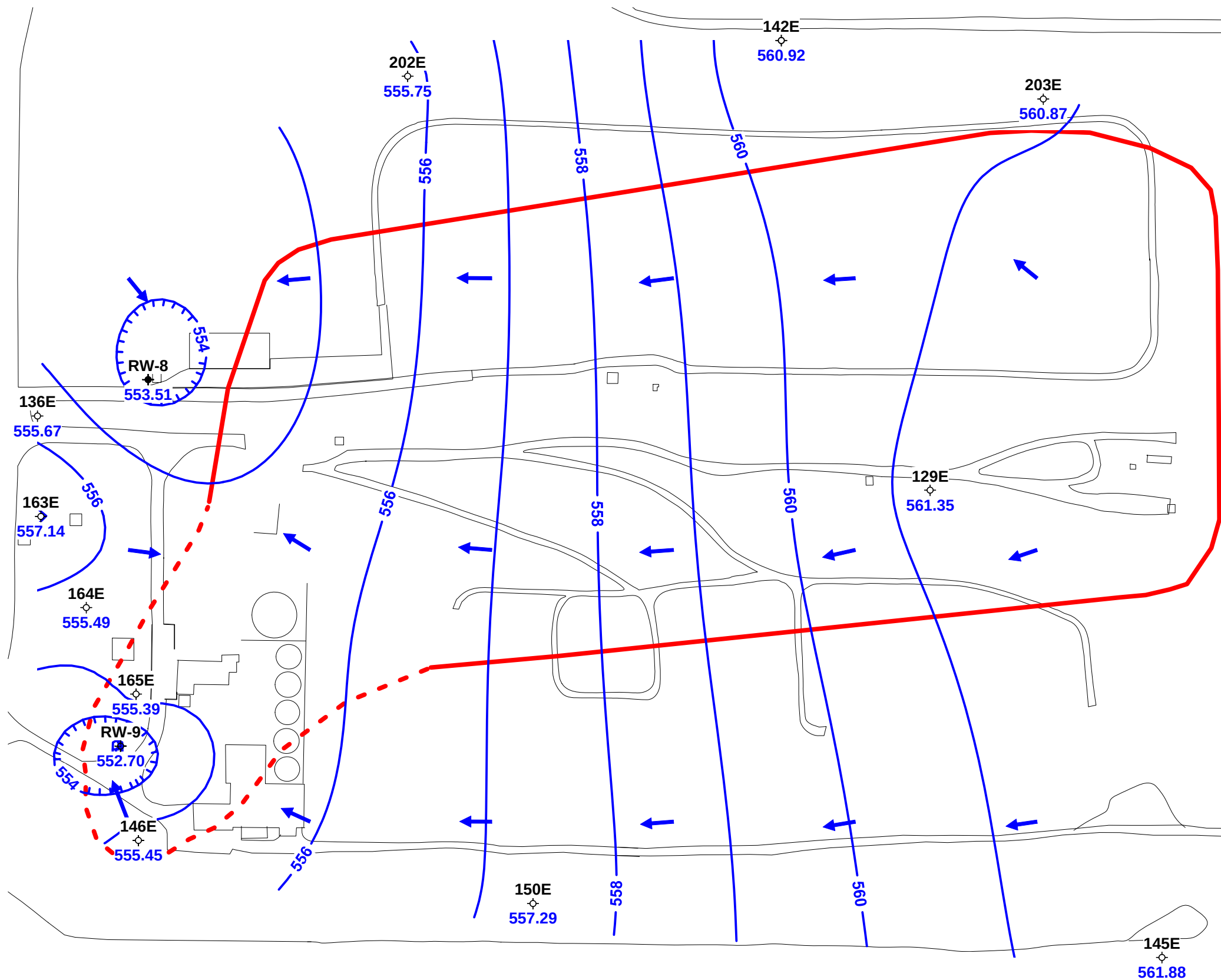
Road

--- Source Area Extent

Figure 9
Potentiometric Surface Map
DuPont Necco Park: D-Zone
July 21, 2014

Figure 10
Select E-Zone Monitoring Wells
Groundwater Elevations 2005 Through 3rd Quarter 2014
DuPont Necco Park





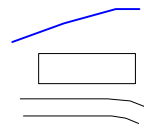
Scale: Feet
0 100 200 300 400
Contour interval = 1.0 foot
Elevation datum feet AMSL

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Job number: 448576.02050	

- 3B Well ID
◇ Monitoring Well
◆ Pumping Well



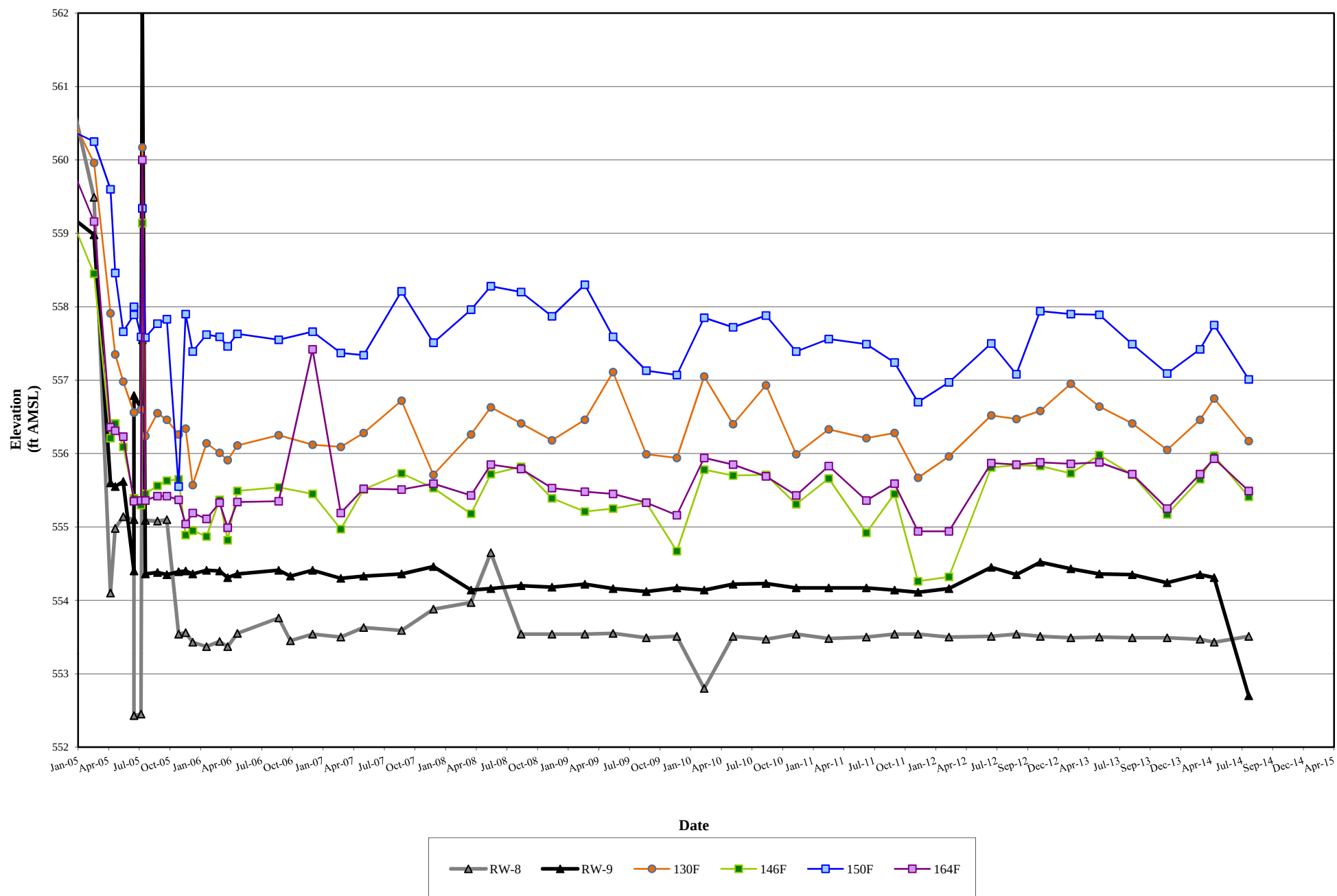
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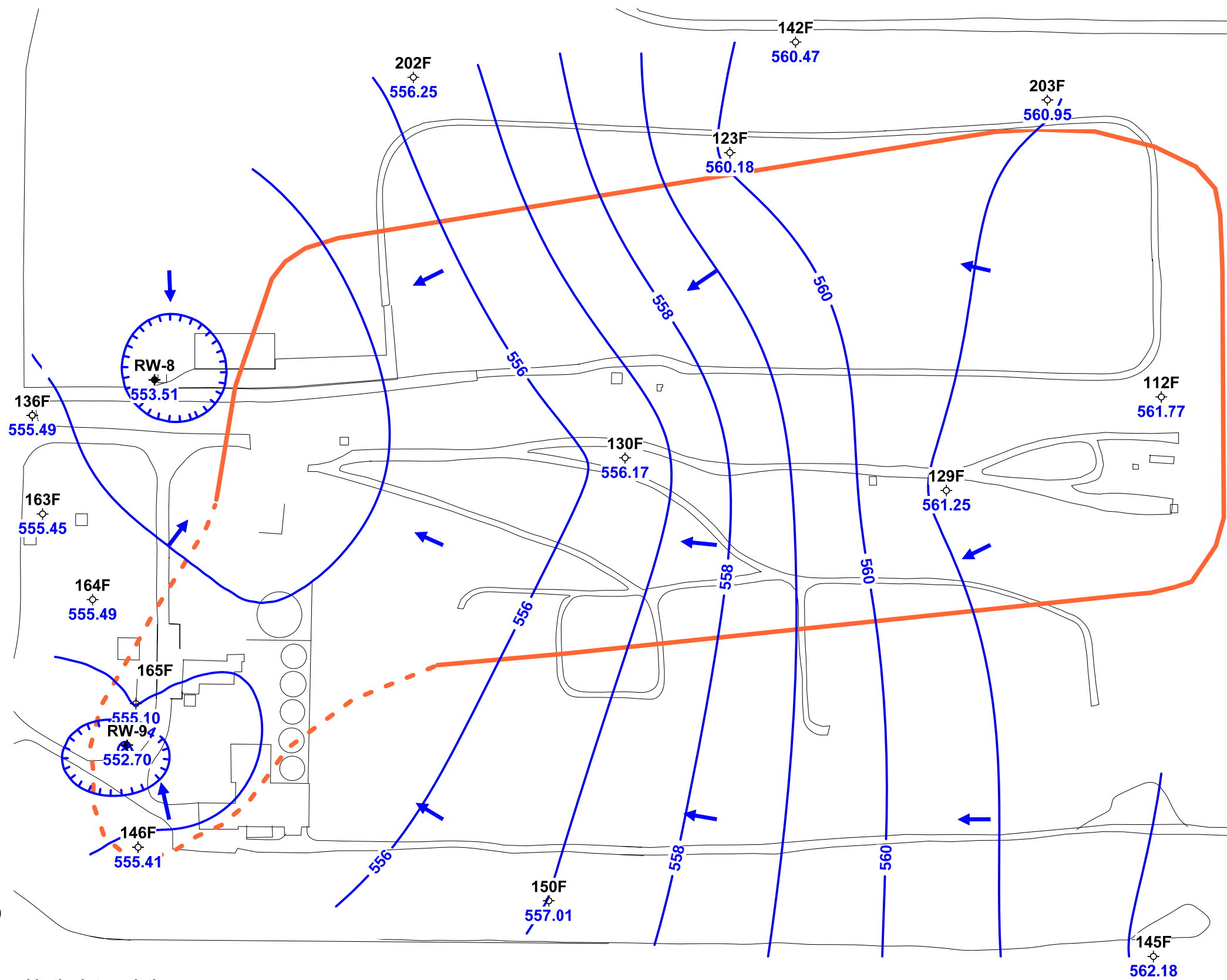
- Potentiometric Contour
Structure
Road

- Source Area Extent

Figure 11
Potentiometric Surface Map
DuPont Necco Park: E-Zone
July 21, 2014

Figure 12
Select F-Zone Monitoring Wells
Groundwater Elevations 2005 Through 3rd Quarter 2014
DuPont Necco Park





Scale: Feet



Contour interval = 0.5 foot

Elevation datum feet AMSL

148F located downgradient was not used in the interpolation.

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Job number: 448576.02050	

LEGEND

3B

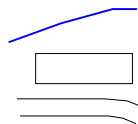
Well ID



Monitoring Well



Pumping Well



Potentiometric Contour

Structure

Road



Source Area Extent

Figure 13
Potentiometric Surface Map
DuPont Necco Park: F-Zone
July 21, 2014

APPENDIX A

GROUNDWATER ELEVATION DATA

THIRD QUARTER 2014

APPENDIX A
GROUNDWATER ELEVATION DATA 3Q14

Sample Point	Date	Depth to Water	Casing Elevation	GW Elevation	Time
136F	7/21/14	24.84	580.33	555.49	1103
136G	7/21/14	18.62	579.76	561.14	1104
136E	7/21/14	23.92	579.59	555.67	1105
136D	7/21/14	23.83	579.68	555.85	1106
136C	7/21/14	10.29	581.62	571.33	1107
136B	7/21/14	8.02	581.69	573.67	1108
116B	7/21/14	15.35	590.05	574.7	1127
RW-8	7/21/14	32.01	585.52	553.51	1129
RDB-5	7/21/14	5.68	578.57	572.89	1112
BZTW-4	7/21/14	4.98	578.18	573.2	1113
163A	7/21/14	5.53	578.14	572.61	1124
163B	7/21/14	5.44	577.94	572.5	1123
163D	7/21/14	19.85	578.82	558.97	1122
163E	7/21/14	21.92	579.06	557.14	1121
163F	7/21/14	23.31	578.76	555.45	1120
164D	7/21/14	19.21	577.42	558.21	1118
164E	7/21/14	21.83	577.32	555.49	1117
164F	7/21/14	21.78	577.27	555.49	1116
111A	7/21/14	14.39	586.89	572.5	1133
111B	7/21/14	14.60	584.94	570.34	1134
111D	7/21/14	28.53	584.3	555.77	1135
130B	7/21/14	12.82	585.63	572.81	1137
130C	7/21/14	20.20	585.51	565.31	1138
130D	7/21/14	28.75	584.96	556.21	1139
119A	7/21/14	12.54	586.34	573.8	1141
119B	7/21/14	14.40	586.77	572.37	1142
129A	7/21/14	11.13	584.8	573.67	1147
129B	7/21/14	14.11	585.24	571.13	1146
129C	7/21/14	11.19	585.68	574.49	1145
129D	7/21/14	25.66	586.03	560.37	1144
131A	7/21/14	15.17	585.43	570.26	1149
112B	7/21/14	10.44	581.9	571.46	1150
112C	7/21/14	17.49	582.93	565.44	1151
118B	7/21/14	14.65	583.9	569.25	1155
158D	7/21/14	37.27	598.2	560.93	1200
102B	7/21/14	22.53	599.01	576.48	1202
123A	7/21/14	21.67	597.93	576.26	1205
123B	7/21/14	19.59	595.98	576.39	1206
123C	7/21/14	25.37	595.42	570.05	1207
123D	7/21/14	36.39	596.51	560.12	1208
123F	7/21/14	38.39	598.57	560.18	1209
120B	7/21/14	26.08	599.18	573.1	1213
RDB-3	7/21/14	5.62	579.31	573.69	1109
112F	7/21/14	21.52	583.29	561.77	1152
175A	7/21/14	12.24	586.81	574.57	1131
140A	7/21/14	7.02	581.55	574.53	1156
142E	7/21/14	25.08	586	560.92	1220
142F	7/21/14	25.22	585.69	560.47	1221
136F	7/21/14	24.83	580.33	555.5	1225
136G	7/21/14	18.37	579.76	561.39	1226

APPENDIX A
GROUNDWATER ELEVATION DATA 3Q14

Sample Point	Date	Depth to Water	Casing Elevation	GW Elevation	Time
105C	7/21/14	28.20	595.28	567.08	1207
105D	7/21/14	39.14	594.77	555.63	1208
115C	7/21/14	28.35	595.93	567.58	1212
115D	7/21/14	40.74	596.62	555.88	1213
159A	7/21/14	18.68	596.16	577.48	1217
159B	7/21/14	24.06	596.37	572.31	1218
159C	7/21/14	26.74	597.36	570.62	1219
159D	7/21/14	42.10	597.67	555.57	1220
165D	7/21/14	12.92	577.52	564.6	1226
165E	7/21/14	22.17	577.56	555.39	1227
165F	7/21/14	22.62	577.72	555.1	1228
RW-9	7/21/14	22.43	575.13	552.7	1230
146AR	7/21/14	6.59	576.92	570.33	1157
146B	7/21/14	7.22	576.9	569.68	1158
146C	7/21/14	7.32	576.35	569.03	1159
146E	7/21/14	20.63	576.08	555.45	1200
146F	7/21/14	20.63	576.04	555.41	1201
168A	7/21/14	8.12	578.72	570.6	1135
168B	7/21/14	10.41	578.9	568.49	1136
168C	7/21/14	14.59	579.21	564.62	1137
169B	7/21/14	11.25	580.43	569.18	1140
170B	7/21/14	11.77	579.1	567.33	1141
160B	7/21/14	14.02	582.75	568.73	1142
160C	7/21/14	19.68	582.72	563.04	1143
171B	7/21/14	10.83	579.54	568.71	1144
145C	7/21/14	9.86	575.9	566.04	1147
145D	7/21/14	10.57	576.05	565.48	1148
150A	7/21/14	5.33	575.86	570.53	1100
150B	7/21/14	6.43	575.99	569.56	1101
150C	7/21/14	9.45	576.13	566.68	1102
150E	7/21/14	18.86	576.15	557.29	1103
150F	7/21/14	18.97	575.98	557.01	1104
145A	7/21/14	5.14	575.84	570.7	1109
145B	7/21/14	7.07	575.48	568.41	1110
145E	7/21/14	14.10	575.98	561.88	1111
145F	7/21/14	13.87	576.05	562.18	1112
172B	7/21/14	8.50	576.95	568.45	1115
148D	7/21/14	9.30	579.38	570.08	1120
148F	7/21/14	21.25	576.21	554.96	1121
151B	7/21/14	7.21	573.36	566.15	1125
151C	7/21/14	5.09	573.18	568.09	1126
149B	7/21/14	3.87	572.87	569	1130
149C	7/21/14	5.94	573.26	567.32	1131
149D	7/21/14	16.03	572.86	556.83	1132
PZ-A	7/21/14	10.18	579.06	568.88	1120
PZ-B	7/21/14	10.63	579.47	568.84	1119
RW-11	7/21/14	15.21	578.78	563.57	1114
TRW-7	7/21/14	7.39	577.89	570.5	1106
174A	7/21/14	6.58	577.62	571.04	1107
176A	7/21/14	8.92	580.03	571.11	1117

APPENDIX A
GROUNDWATER ELEVATION DATA 3Q14

Sample Point	Date	Depth to Water	Casing Elevation	GW Elevation	Time
179A	7/21/14	8.18	579.01	570.83	1115
D-11	7/21/14	7.08	578.07	570.99	1213
BZTW-2	7/21/14	8.68	579.38	570.7	1124
178A	7/21/14	8.93	579.92	570.99	1125
173A	7/21/14	9.71	580.71	571	1122
TRW-6	7/21/14	9.58	580.21	570.63	1123
184A	7/21/14	8.89	579.88	570.99	1127
130F	7/21/14	25.32	581.49	556.17	1128
D-10	7/21/14	14.86	580.02	565.16	1130
D-9	7/21/14	8.32	580.15	571.83	1129
BZTW-1	7/21/14	8.70	579.67	570.97	1131
185A	7/21/14	9.71	580.84	571.13	1132
186A	7/21/14	11.31	579.76	568.45	1137
138C	7/21/14	21.62	587.06	565.44	1136
138B	7/21/14	13.11	583.98	570.87	1135
187A	7/21/14	11.11	579.94	568.83	1210
188A	7/21/14	14.51	580.91	566.4	1140
189A	7/21/14	12.16	579.82	567.66	1145
RW-5	7/21/14	18.00	578.88	560.88	1141
162C	7/21/14	17.09	581	563.91	1144
129F	7/21/14	20.11	581.36	561.25	1148
129E	7/21/14	19.53	580.88	561.35	1147
D-23	7/21/14	12.92	580.61	567.69	1146
190A	7/21/14	12.23	580.58	568.35	1150
167B	7/21/14	11.76	580.93	569.17	1151
191AR	7/21/14	10.88	581.51	570.63	1153
192A	7/21/14	14.38	584.08	569.7	1155
194A	7/21/14	14.67	584.35	569.68	1200
161C	7/21/14	21.04	582.64	561.6	1207
161B	7/21/14	12.41	582.84	570.43	1208
139D	7/21/14	23.25	585.49	562.24	1158
139C	7/21/14	23.41	585.27	561.86	1157
139B	7/21/14	16.89	585.39	568.5	1156
RW-4	7/21/14	24.00	581.52	557.52	1202
D-13	7/21/14	7.61	579.07	571.46	1103
D-14	7/21/14	11.92	579.01	567.09	1104
137A	7/21/14	8.09	578.47	570.38	1112
137B	7/21/14	8.10	578.31	570.21	1110
137C	7/21/14	11.81	578.39	566.58	1109
137D	7/21/14	14.00	579.09	565.09	1111
201B	7/21/14	10.32	579.25	568.93	1116
202D	7/21/14	36.56	592.73	556.17	1220
202E	7/21/14	36.98	592.73	555.75	1221
202F	7/21/14	36.48	592.73	556.25	1222
203D	7/21/14	33.00	593.85	560.85	1215
203E	7/21/14	32.98	593.85	560.87	1216
203F	7/21/14	32.90	593.85	560.95	1217
204C	7/21/14	19.71	581.77	562.06	1205

APPENDIX B

GWTF PROCESS SAMPLING RESULTS

THIRD QUARTER 2014

Appendix B
Summary of Analytical Results
DuPont Necco Park
Third Quarter 2014

Method	CAS #	Parameter Name	Location Sample Date Units	BC-INFLUENT 7/21/14 FS	DEF-INFLUENT 7/21/14 FS	COMB-EFFLUENT 7/21/14 FS	TB 7/21/14 TB
Field Parameters							
NS	EVS0118	COLOR	NONE	slight	cloudy	none	NA
NS	EVS0125	ODOR	NONE	slight	none	slight	NA
NS	EVS0128	ORP	MV	-68	-207	-142	NA
NS	EVS0127	PH	STD UNITS	5.32	6.66	7.32	NA
NS	EVS0044	SPECIFIC CONDUCTANCE	UMHOS/CM	7239	3561	3323	NA
NS	EVS0113	TEMPERATURE	DEGREES C	14.2	14.6	14.8	NA
NS	EVS0130	TURBIDITY QUANTITATIVE	NTU	53.1	50.9	10.69	NA
Volatile Organics							
8260C	79345	1,1,2,2-Tetrachloroethane	UG/L	2900	1400	610	<0.18
8260C	79005	1,1,2-Trichloroethane	UG/L	3400	2300	400	<0.27
8260C	75354	1,1-Dichloroethene	UG/L	810	300 J	<3.8	<0.19
8260C	107062	1,2-Dichloroethane	UG/L	490 J	180 J	28	<0.22
8260C	56235	Carbon Tetrachloride	UG/L	1300	1100	<2.6	<0.13
8260C	67663	Chloroform	UG/L	14000	3600	190	<0.16
8260C	156592	cis-1,2 Dichloroethene	UG/L	11000	10000	160	<0.17
8260C	75092	Methylene Chloride	UG/L	2700	4400	94	<0.33
8260C	127184	Tetrachloroethene	UG/L	4500	1000	32	<0.29
8260C	156605	trans-1,2-Dichloroethene	UG/L	650	700	<3.8	<0.19
8260C	79016	Trichloroethene	UG/L	15000	5800	76	<0.17
8260C	75014	Vinyl Chloride	UG/L	2800	1900	<4.4	<0.22
				59550	32680	1590	0

< Not detected at stated reporting limit

N/A Not sampled for parameter

J Estimated concentration

ATTACHMENT 1

**NECCO PARK
3Q14 WATER LEVELS**

(ELECTRONIC FORMAT ONLY)