DuPont Corporate Remediation Group
Buffalo Avenue & 26th Street
Building 35 3rd Floor
Niagara Falls, NY 14302
(716) 278-5100

May 7, 2009

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 FIRST QUARTER 2009 DATA PACKAGE

Enclosed are three copies of the *First Quarter 2009 (1Q09) Data Package* for the 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, and figures showing potentiometric surface contours, vertical gradients, and drawdown contours. The data package also includes a DNAPL monitoring summary for 1Q09.

Pumping system uptime for 1Q09 was 88.7 percent. The lower than usual uptime is primarily attributed to a small non-reportable acid line leak which limited operation of the ABC-Zone wells for 10 days in January. Total volume of groundwater treated was 4,442,026 gallons. No DNAPL was observed at any of the monitoring locations in 1Q09.

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

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Enc.
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cc: J. Kaczor/Earth Tech
M. Hinton/NYSDEC
G. Shanahan/NYSDEC

SOURCE AREA HYDRAULIC CONTROL SYSTEM
FIRST QUARTER 2009 GROUNDWATER MONITORING DATA PACKAGE
DUPONT NECCO PARK

Date: May 7, 2009

DuPont Project No. 7537
URSD Project No. 18985651

CORPORATE REMEDIATION GROUP
An Alliance between
DuPont and URS Diamond

Barley Mill Plaza, Building 19
Wilmington, Delaware 19805

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Niagara Falls, NY 14302

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1.0 DATA PACKAGE SUMMARY

This data package presents a summary of operating and monitoring data collected during the first quarter of 2009 (1Q09) for groundwater remediation measures at the DuPont Necco Park Site (Necco Park) in Niagara Falls, New York. Submission of this data package meets reporting requirements defined in the Agency approved Long Term Groundwater Monitoring Plan (LTGMP) and the Sampling, Analysis, and Monitoring Plan (SAMP) (CRG, 2005).

This data package is the fifteenth subsequent to the 2005 startup of the Necco Park Hydraulic Control System (HCS) and includes a summary of operations for the pumping wells and Groundwater Treatment Facility (GWTF). Included are figures depicting monthly groundwater elevation contours for seven groundwater flow zones and groundwater elevation data (Appendix A). An electronic copy of the groundwater elevation data is provided as Attachment 1. Figures illustrating drawdown for the AT and A-Zone and vertical gradients between the AT and A-Zone and A- and B-Zone are also included.

Figures 2 and 5 present the vertical gradient (ft/ft) for selected well pairs between the AT and A-Zone and the A-Zone and B-Zones, respectively. Vertical gradients are calculated by subtracting the elevation of the upper zone from the elevation of the lower zone and dividing the result by the difference in the elevation of the center of the well screen (for AT and A-Zones wells) or the center of open rock zone (for B-Zone wells).

Figures 3 and 6 exhibit potentiometric contours of net drawdown in selected wells between April 5, 2005 (immediately prior to system startup) and the current groundwater elevation in each well.

1.1 Operational Summary

A summary of average HCS uptime, total gallons of groundwater treated, and gallons of DNAPL removed for 1Q09 is as follows:

	HCS Uptime (%)	Groundwater Treated (Gallons)	DNAPL Removed (Gallons)
January	75.7	1,366,271**	0
February	96.6	1,537,075	0
March	93.8	1,538,680	0
1Q9 Total	**88.7**	**4,442,026**	**0**

**Flow for well RW-4 was estimated for the month of January based on December 2008 flows due to a malfunctioning flow meter.

Individual recovery well downtime which exceeded a 24-hour time period during 1Q09 is summarized in Table 1. Most of the downtime occurred in January and is attributed to a small, non-reportable acid line leak which limited operation of the ABC-Zone wells (RW-4, RW-5 and RW-11) from January 4th through January 13th. While repairs were being conducted on the acid line, a blockage in the ABC header line was also repaired

contributed to the downtime in January. A historical operational summary by quarter since HCS operations began is provided in Table 2. Routine maintenance which consisted of a city water flush of ABC-Zone and DEF-Zone header lines was conducted on March 17th and 18th.

Monthly DNAPL monitoring was completed on January 22nd, February 19th, and March 26th. DNAPL was not observed in RW-5, or any other monitoring location, in 1Q09.

1.2 GWTF Process Sampling

In accordance with the SAMP, GWTF influent samples (B/C and D/E/F-Zone) and a combined effluent sample were collected in 1Q09. Samples were collected by TestAmerica Laboratories of Amherst, NY on February 19th and shipped to TestAmerica Laboratories in North Canton, Ohio for analysis. Sample results for the process sampling are included in Appendix B.

1.3 POTW Compliance

As required by our discharge permit, the Necco GWTF discharge is sampled and reported quarterly to the Niagara Falls Water Board. The Necco Park 1Q09 wastewater samples were collected on January 21, 2009. There were no permit limit exceedances in 1Q09. The Necco POTW discharge permit is scheduled for renewal in May 2009. The necessary application and analytical results have been submitted to the Niagara Falls Water Board and are awaiting approval.

2.0 REFERENCES

DuPont Corporate Remediation Group (CRG). 2005. *DuPont Necco Park Operations and Maintenance Plan.* November 11, 2005.

TABLES

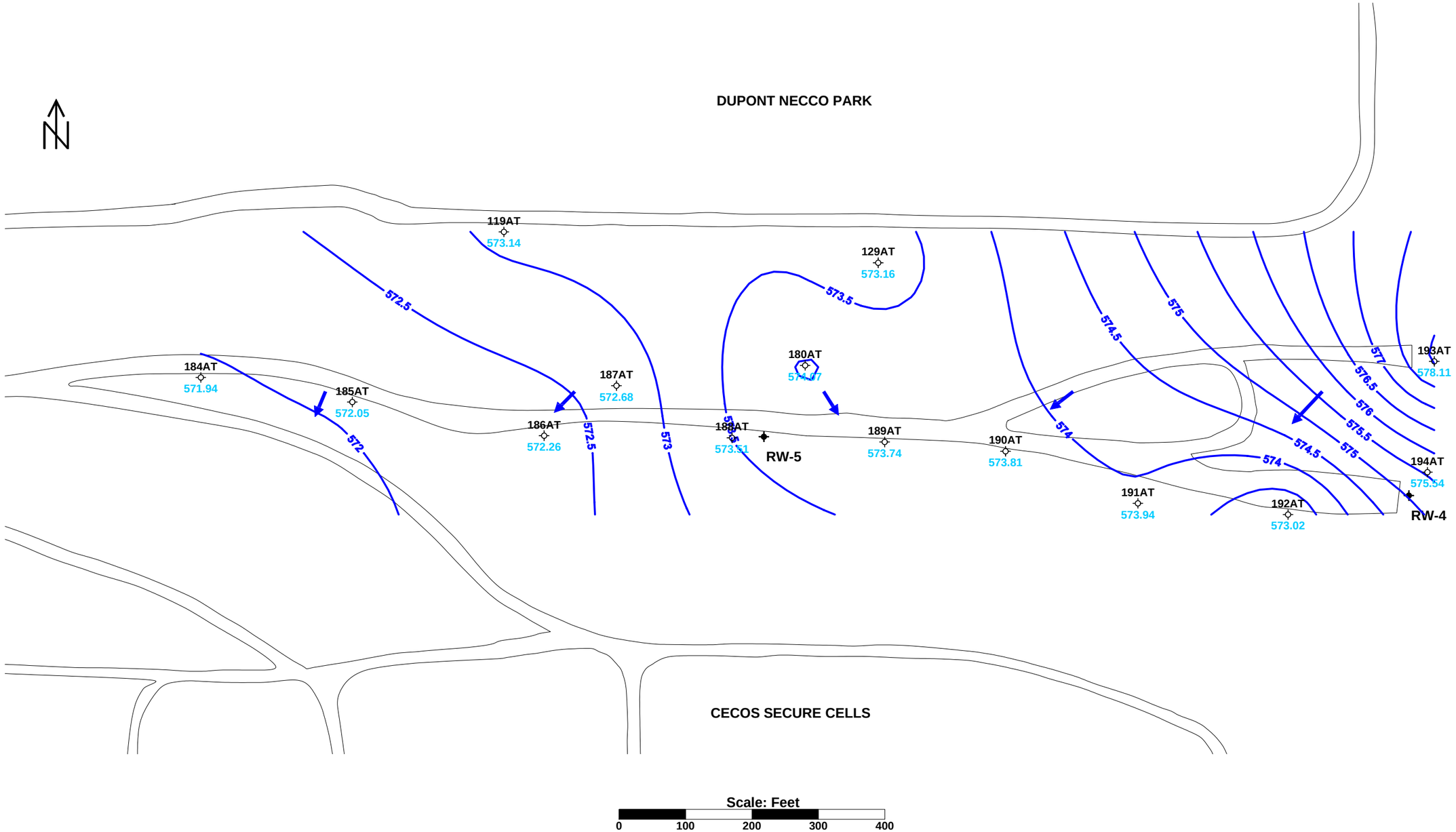
Table 1
Individual Well Shutdown Summary 1Q09
DuPont Necco Park

	Well ID	Date(s)	Length of Shutdown (hours)	Reason for Shutdown	Remarks
JANUARY	RW-4	1/4-1/13	240	ABC-Zone system shut down due to acid line leak. Additionally, blockage in ABC line.	ABC-Zone system brought back online following acid line repairs.
	RW-5	1/1-1/3 & 1/4-1/13	240	ABC-Zone system shut down due to acid line leak. Additionally, blockage in ABC line.	ABC-Zone system brought back online following acid line repairs.
	RW-11	1/4-1/13	240	ABC-Zone system shut down due to acid line leak. Additionally, blockage in ABC line.	ABC-Zone system brought back online following acid line repairs.
FEBRUARY	RW-5	19-Feb	24	Pump failure.	None
MARCH	RW-5	3/17-3/18	48	City water flush.	None
	RW-11	17-Mar	24	City water flush.	None

Table 2
Historical HCS Operational Summary - 1Q09
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
TOTALS	**---**	**---**	**50,439,774**	**920**
AVERAGE	**90.6**	**91.8**	**---**	**---**

FIGURES



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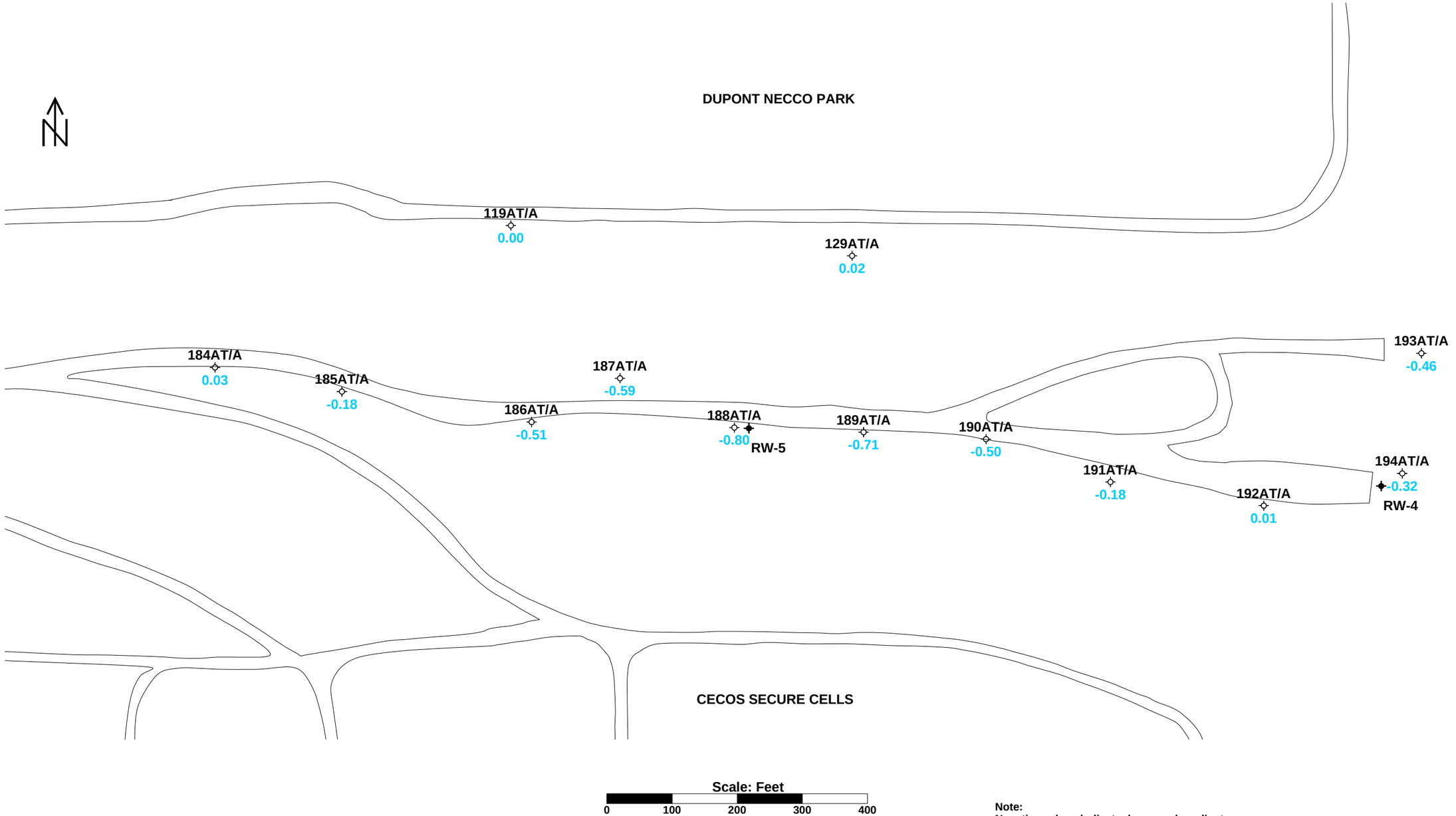
LEGEND

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

Figure 1
Potentiometric Surface Map
DuPont Necco Park: AT-Zone
February 19, 2009



Note:
Negative values indicate downward gradients.

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LEGEND

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

Figure 2
Vertical Gradient: AT-Zone to A-Zone
DuPont Necco Park
February19, 2009

DUPONT NECCO PARK

119AT
3.43

129AT
3.43

184AT
3.99

185AT
3.99

186AT
4.06

187AT
3.93

188AT
4.19

RW-5

180AT
3.75

189AT
4.31

190AT
4.21

191AT
4.08

192AT
0.59

193AT
1.61

194AT
0.66

RW-4

4

3.5

3

2.5

2

1.5

1

CECOS SECURE CELLS

Scale: Feet
0 100 200 300 400

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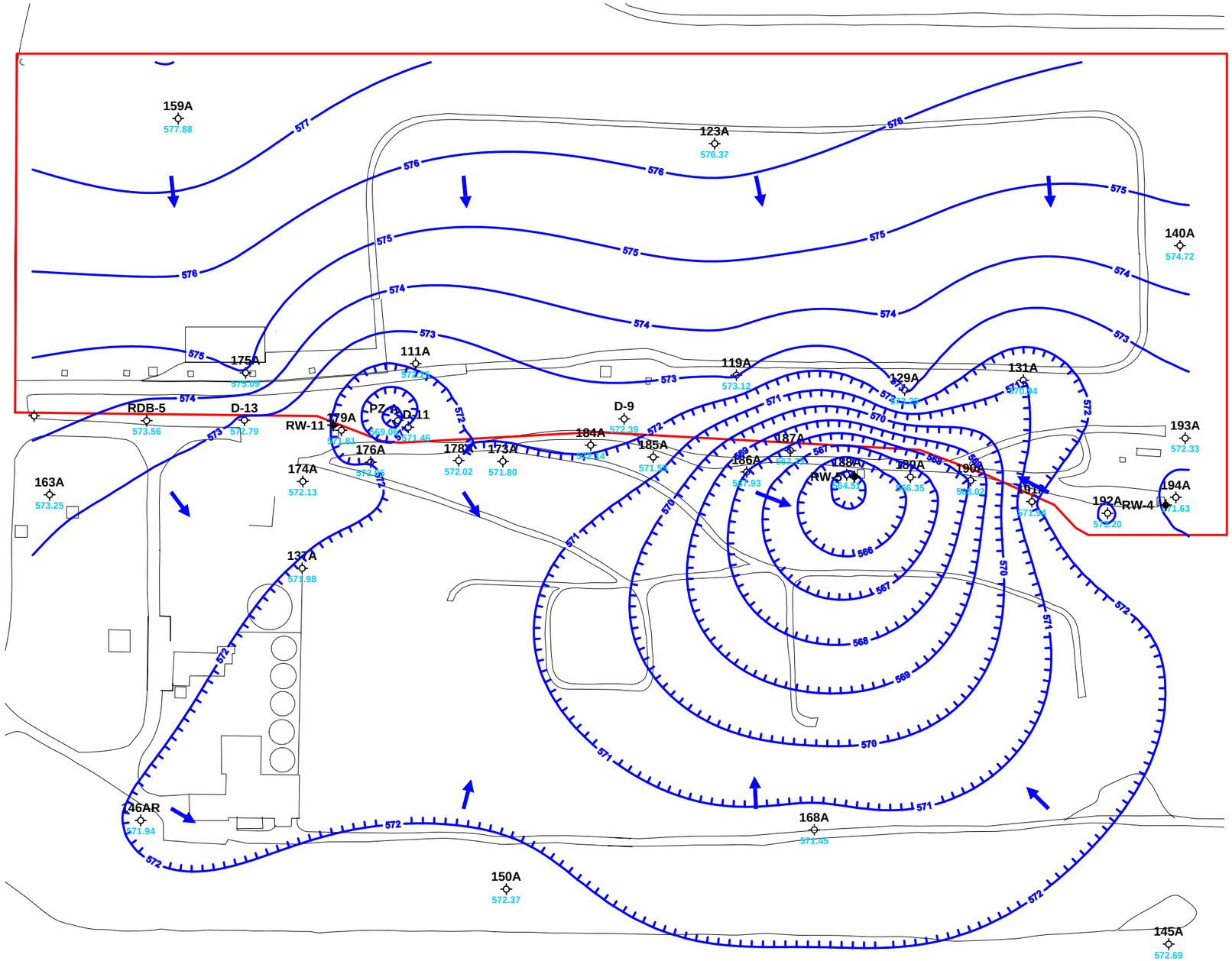
LEGEND

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

Figure 3
Drawdown Contour Map
DuPont Necco Park: AT-Zone
April 5, 2005 (Static) to February 19, 2009



Scale: Feet

0 100 200 300 400

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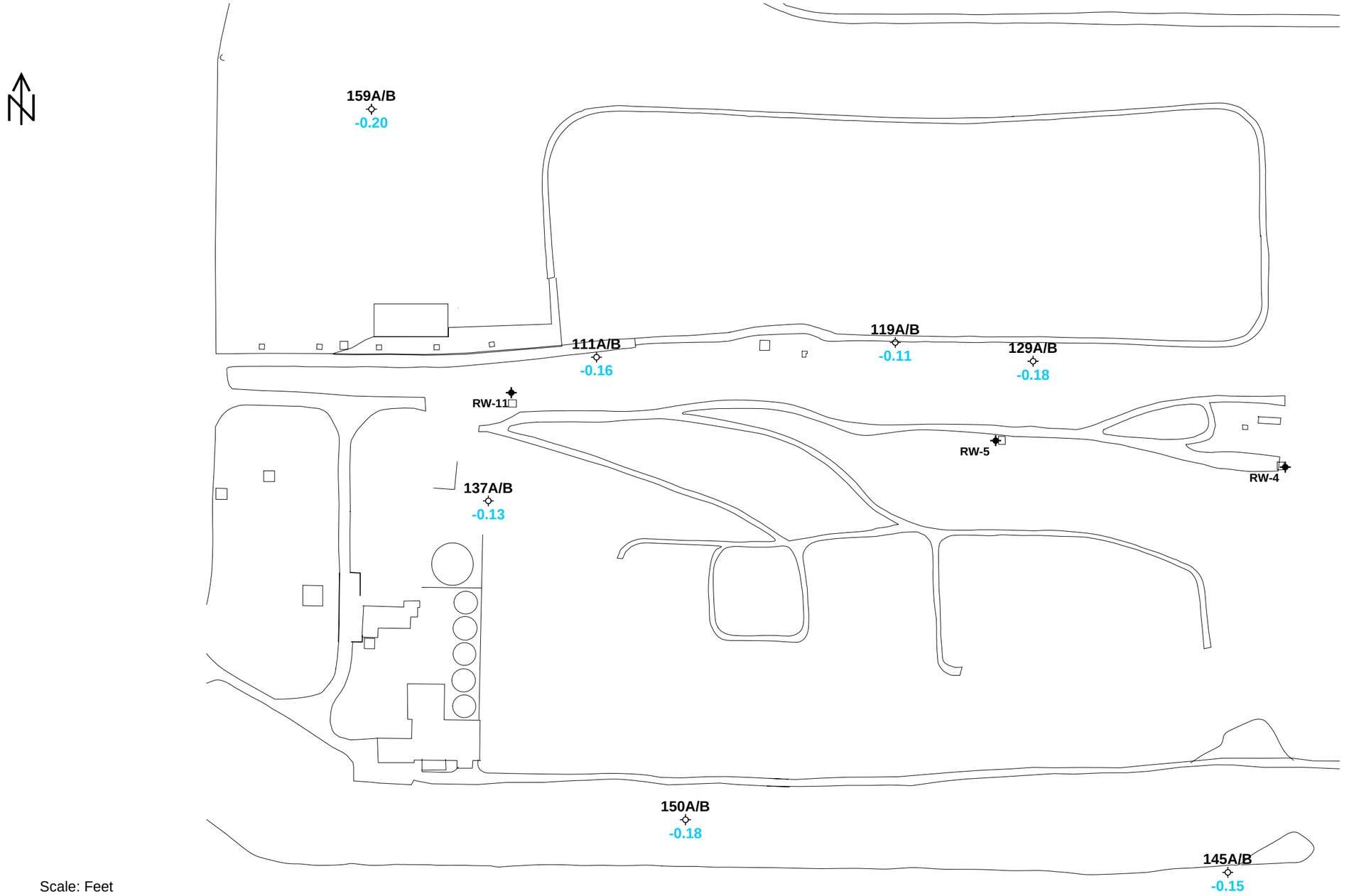
LEGEND

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

Figure 4
Potentiometric Surface Map
DuPont Necco Park: A-Zone
February 19, 2009

Necco Park/General Surfer Grid Files and Data/20072Q Data Packet/2007-05-02 A to F Zones w-SA Lines.srf



Scale: Feet

0 100 200 300 400

Note: Negative values indicate downward gradients.

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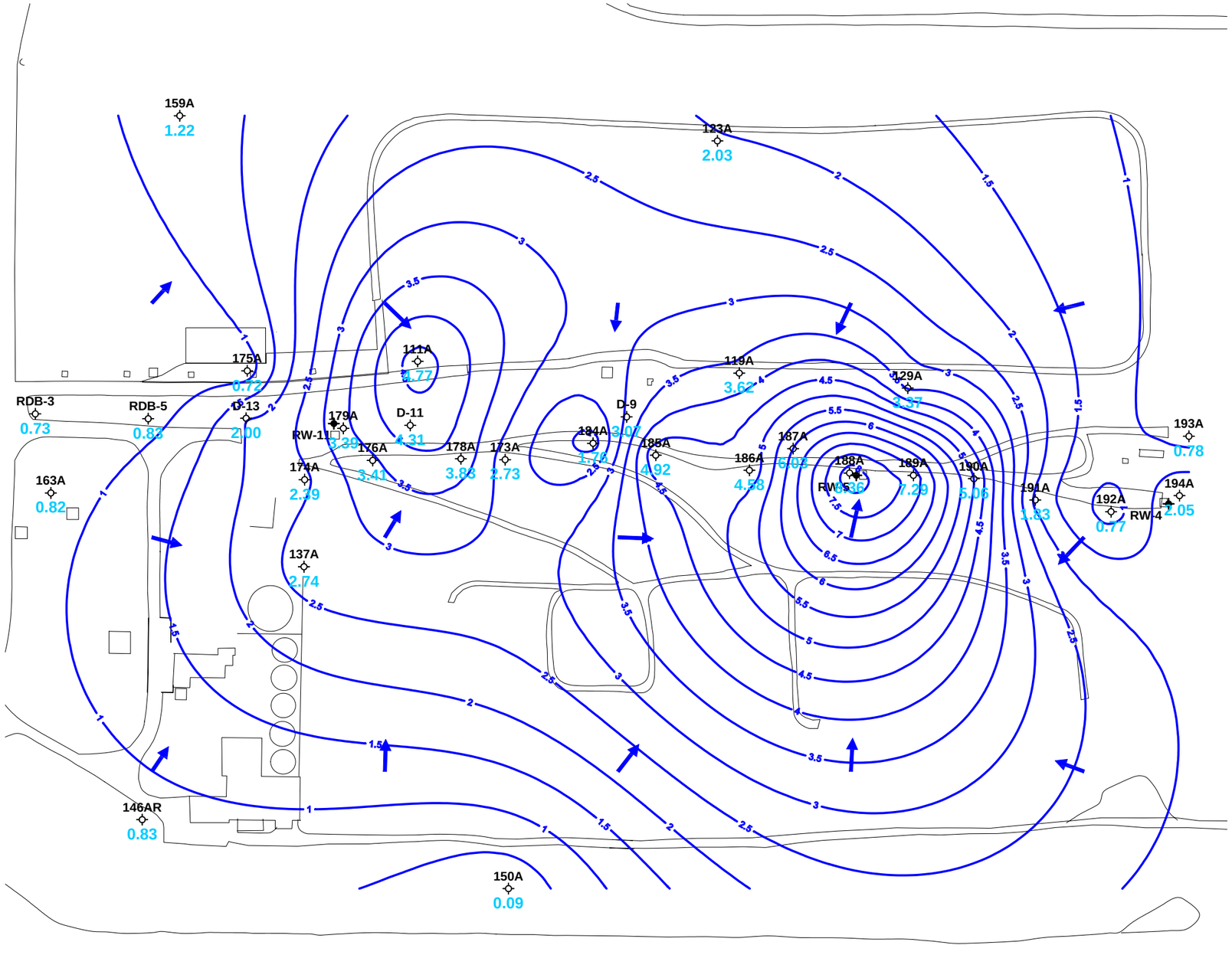
LEGEND

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

Figure 5
Vertical Gradient: A-Zone to B-Zone
DuPont Necco Park
February 19, 2009

Necco Park/General Surfer Grid Files and Data/20072Q Data Packet/2007-05-02 A to F Zones w-SA Lines.srf



Scale: Feet

0 100 200 300 400

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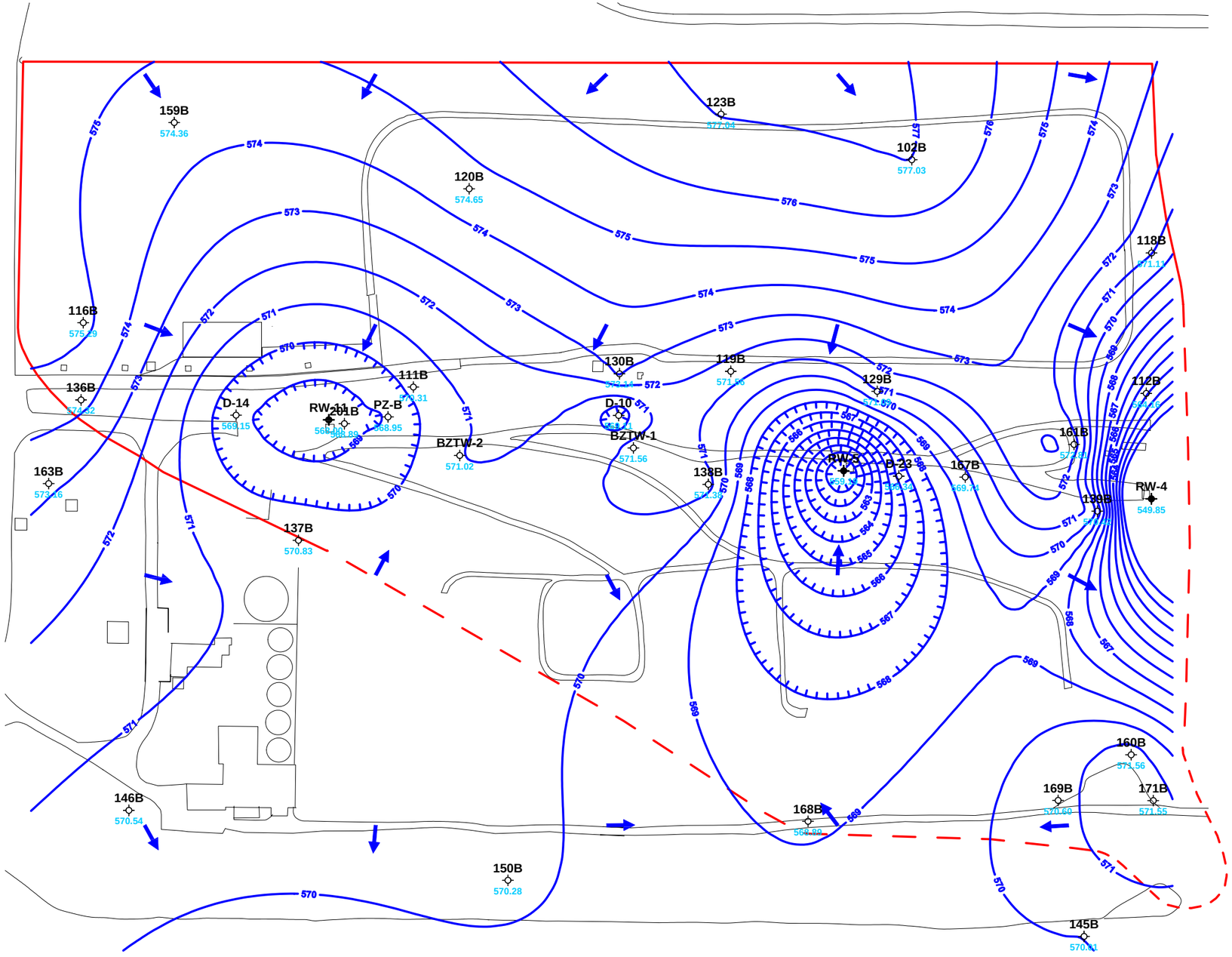
LEGEND

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

Figure 6
Drawdown Contour Map
DuPont Necco Park: A-Zone
April 5, 2005 (Static) to February 19, 2009

Necco Park/General Surfer Grid Files and Data/20072Q Data Packet/2007-05-02 A to F Zones w-SA Lines.srf



Scale: Feet

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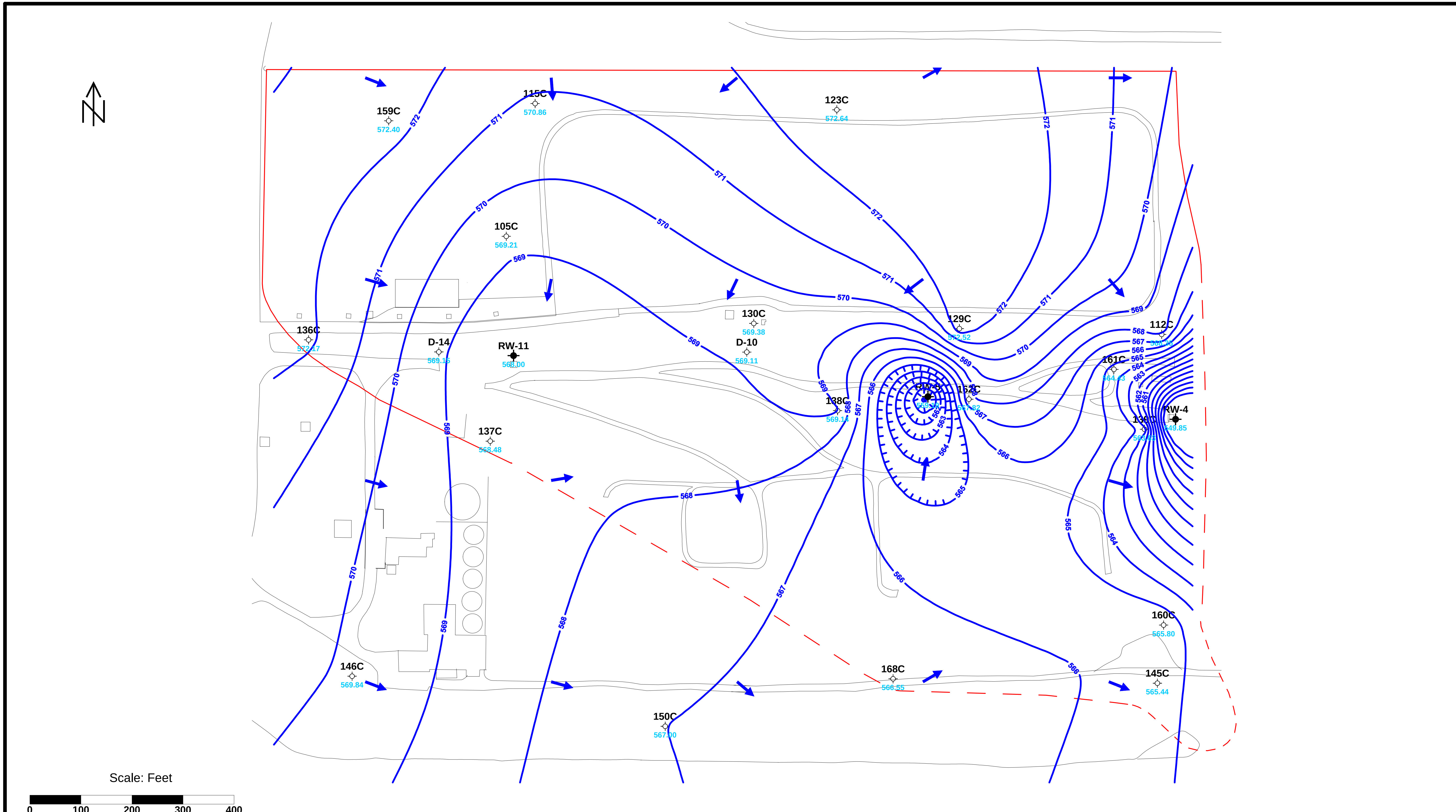
LEGEND

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

Figure 7
Potentiometric Surface Map
DuPont Necco Park: B-Zone
February 19, 2009

Necco Park/General Surfer Grid Files and Data/20072Q Data Packet/2007-05-02 A to F Zones w-SA Lines.srf



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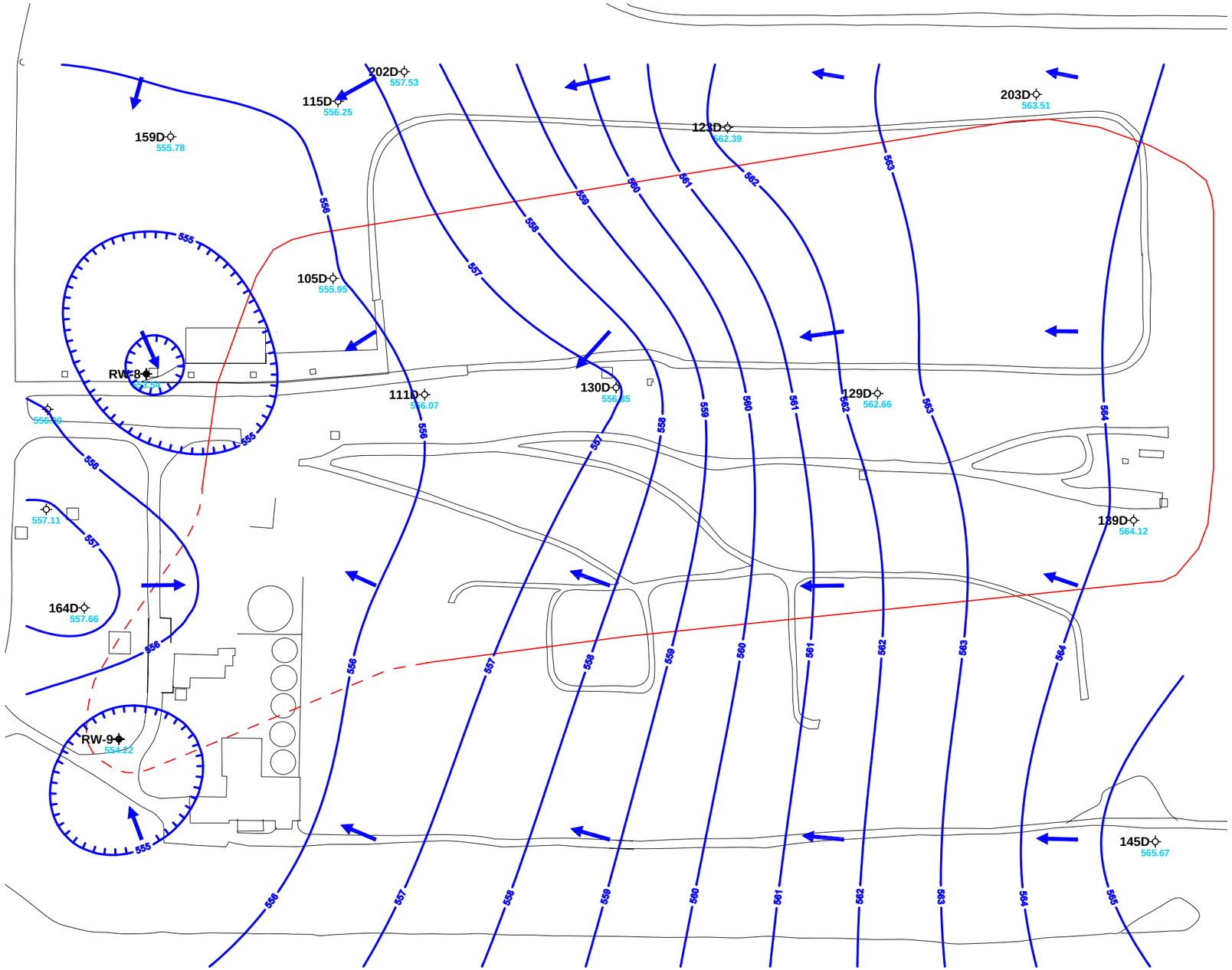
LEGEND

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

Figure 8
Potentiometric Surface Map
DuPont Necco Park: C-Zone
February 19, 2009

Necco Park/General Surfer Grid Files and Data/20072Q Data Packet/2007-05-02 A to F Zones w-SA Lines.srf



Scale: Feet

0 100 200 300 400

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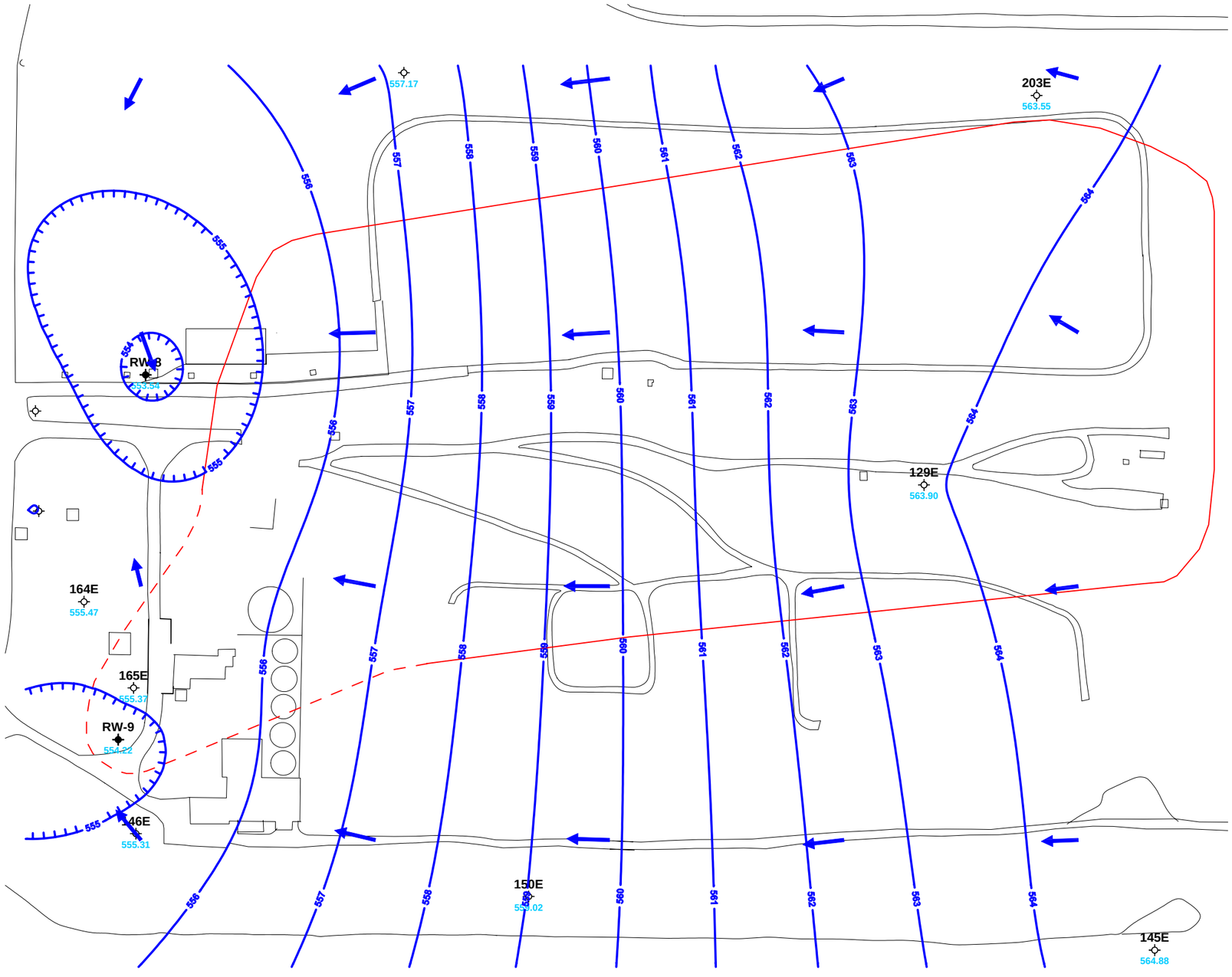
LEGEND

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

Figure 9
Potentiometric Surface Map
DuPont Necco Park: D-Zone
February 19, 2009

Necco Park/General Surfer Grid Files and Data/20072Q Data Packet/2007-05-02 A to F Zones w-SA Lines.srf



Scale: Feet

0 100 200 300 400

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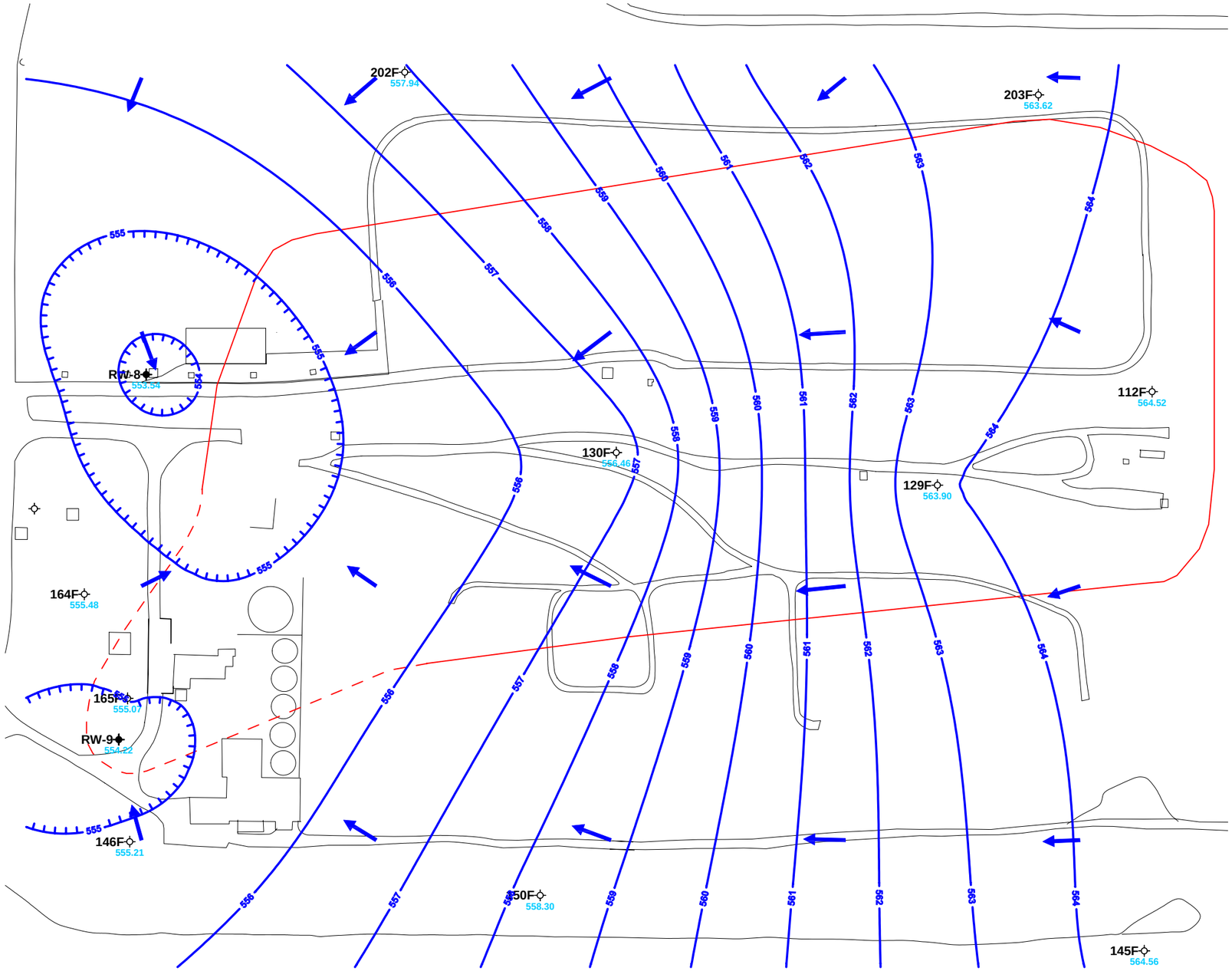
LEGEND

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

Figure 10
Potentiometric Surface Map
DuPont Necco Park: E-Zone
February 19, 2009

Necco Park/General Surfer Grid Files and Data/20072Q Data Packet/2007-05-02 A to F Zones w-SA Lines.srf



Scale: Feet

0 100 200 300 400

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LEGEND

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

Figure 11
Potentiometric Surface Map
DuPont Necco Park: F-Zone
February 19, 2009

Necco Park/General Surfer Grid Files and Data/20072Q Data Packet/2007-05-02 A to F Zones w-SA Lines.srf

APPENDICES

Appendix A

Groundwater Elevation Data

APPENDIX A
GROUNDWATER ELEVATION DATA
1Q09
DUPONT NECCO PARK

Location	Depth to Water	Casing Elevation	Groundwater Elevation	Date	Time	Comment
102B	21.98	599.01	577.03	2/19/2009	11:45	
105C	26.07	595.28	569.21	2/19/2009	12:47	
105D	38.82	594.77	555.95	2/19/2009	12:46	
111A	14.64	586.89	572.25	2/19/2009	11:05	
111B	14.63	584.94	570.31	2/19/2009	11:06	
111D	28.23	584.30	556.07	2/19/2009	11:07	
112B	17.74	581.90	564.16	2/19/2009	11:29	
112F	18.77	583.29	564.52	2/19/2009	11:36	
115C	25.07	595.93	570.86	2/19/2009	13:01	
115D	40.37	596.62	556.25	2/19/2009	13:00	
116B	14.76	590.05	575.29	2/19/2009	10:57	
118B	12.79	583.90	571.11	2/19/2009	11:32	
119A	13.22	586.34	573.12	2/19/2009	11:16	
119AT	13.48	586.62	573.14	2/19/2009	11:16	
119B	15.21	586.77	571.56	2/19/2009	11:17	
120B	24.53	599.18	574.65	2/19/2009	12:22	
123A	21.56	597.93	576.37	2/19/2009	11:47	
123B	18.94	595.98	577.04	2/19/2009	11:50	
123C	22.78	595.42	572.64	2/19/2009	11:51	
123D	34.12	596.51	562.39	2/19/2009	11:49	
129A	11.55	584.80	573.25	2/19/2009	11:23	
129AT	11.78	584.94	573.16	2/19/2009	11:24	
129B	14.15	585.24	571.09	2/19/2009	11:21	
129C	13.16	585.68	572.52	2/19/2009	11:22	
129D	23.37	586.03	562.66	2/19/2009	11:20	
129E	16.98	580.88	563.90	2/19/2009	11:28	
129F	17.46	581.36	563.90	2/19/2009	11:29	
130B	12.49	585.63	573.14	2/19/2009	11:12	
130C	16.13	585.51	569.38	2/19/2009	11:14	
130D	28.11	584.96	556.85	2/19/2009	11:13	
130F	25.03	581.49	556.46	2/19/2009	11:00	
130G	24.58	580.79	556.21	2/19/2009	10:59	
131A	14.49	585.43	570.94	2/19/2009	11:24	
136B	7.37	581.69	574.32	2/19/2009	10:36	
136C	9.45	581.62	572.17	2/19/2009	10:35	
136D	23.68	579.68	556.00	2/19/2009	10:34	
136E	23.73	579.59	555.86	2/19/2009	10:33	
136F	24.74	580.33	555.59	2/19/2009	10:32	
136F	24.73	580.33	555.60	2/19/2009	12:23	
136G	19.93	579.76	559.83	2/19/2009	12:24	
137A	7.11	579.09	571.98	2/19/2009	10:41	
137B	7.48	578.31	570.83	2/19/2009	10:39	
137C	9.99	578.47	568.48	2/19/2009	10:38	
138B	12.60	583.98	571.38	2/19/2009	11:08	
138C	17.92	587.06	569.14	2/19/2009	11:09	
139B	14.97	585.39	570.42	2/19/2009	11:44	
139C	21.64	585.27	563.63	2/19/2009	11:45	
139D	21.37	585.49	564.12	2/19/2009	11:46	
140A	6.71	581.43	574.72	2/19/2009	11:34	
141G	27.43	582.53	555.10	2/19/2009	11:38	
142E	23.04	586.00	562.96	2/19/2009	12:00	
142F	22.96	585.69	562.73	2/19/2009	12:02	
143G	36.52	591.34	554.82	2/19/2009	12:57	
145A	3.15	575.84	572.69	2/19/2009	11:39	
145B	5.47	575.48	570.01	2/19/2009	11:44	
145C	10.46	575.90	565.44	2/19/2009	12:29	
145D	10.38	576.05	565.67	2/19/2009	12:28	
145E	11.10	575.98	564.88	2/19/2009	11:41	
145F	11.49	576.05	564.56	2/19/2009	11:42	
146AR	4.98	576.92	571.94	2/19/2009	11:56	
146B	6.36	576.90	570.54	2/19/2009	11:57	
146C	6.51	576.35	569.84	2/19/2009	11:58	
146E	20.77	576.08	555.31	2/19/2009	11:59	
146F	20.83	576.04	555.21	2/19/2009	12:00	
148D	6.61	576.38	569.77	2/19/2009	11:00	

APPENDIX A
GROUNDWATER ELEVATION DATA
1Q09
DUPONT NECCO PARK

Location	Depth to Water	Casing Elevation	Groundwater Elevation	Date	Time	Comment
148F	22.40	576.21	553.81	2/19/2009	11:02	
149B	3.92	572.87	568.95	2/19/2009	11:09	
149C	5.04	573.26	568.22	2/19/2009	11:12	
149D	15.96	572.86	556.90	2/19/2009	11:15	
150A	3.49	575.86	572.37	2/19/2009	11:24	
150B	5.71	575.99	570.28	2/19/2009	11:25	
150C	9.13	576.13	567.00	2/19/2009	11:26	
150E	17.13	576.15	559.02	2/19/2009	11:27	
150F	17.68	575.98	558.30	2/19/2009	11:28	
151B	6.65	573.36	566.71	2/19/2009	10:51	
151C	6.90	573.18	566.28	2/19/2009	10:53	
159A	18.28	596.16	577.88	2/19/2009	12:50	
159B	22.01	596.37	574.36	2/19/2009	12:51	
159C	24.96	597.36	572.40	2/19/2009	12:52	
159D	41.89	597.67	555.78	2/19/2009	12:53	
160B	11.19	582.75	571.56	2/19/2009	12:21	
160C	16.92	582.72	565.80	2/19/2009	12:23	
161B	10.03	582.84	572.81	2/19/2009	11:58	
161C	18.21	582.64	564.43	2/19/2009	11:57	
162C	13.18	581.00	567.82	2/19/2009	11:26	
163A	4.89	578.14	573.25	2/19/2009	10:46	
163B	4.78	577.94	573.16	2/19/2009	10:49	
163D	21.71	578.82	557.11	2/19/2009	10:43	
163E	23.04	579.06	556.02	2/19/2009	10:44	
163F	23.29	578.76	555.47	2/19/2009	10:40	
164D	19.76	577.42	557.66	2/19/2009	10:42	
164E	21.85	577.32	555.47	2/19/2009	10:41	
164F	21.79	577.27	555.48	2/19/2009	10:40	
165E	22.19	577.56	555.37	2/19/2009	12:39	
165F	22.65	577.72	555.07	2/19/2009	12:41	
167B	11.19	580.93	569.74	2/19/2009	11:33	
168A	7.27	578.72	571.45	2/19/2009	12:03	
168B	10.01	578.90	568.89	2/19/2009	12:04	
168C	12.66	579.21	566.55	2/19/2009	12:05	
169B	9.83	580.43	570.60	2/19/2009	12:17	
171B	7.99	579.54	571.55	2/19/2009	12:19	
172B	6.03	576.95	570.92	2/19/2009	11:34	
173A	8.91	580.71	571.80	2/19/2009	10:53	
174A	5.49	577.62	572.13	2/19/2009	10:35	
175A	11.72	586.81	575.09	2/19/2009	11:03	
176A	7.98	580.03	572.05	2/19/2009	10:42	
178A	7.90	579.92	572.02	2/19/2009	10:51	
179A	7.20	579.01	571.81	2/19/2009	10:45	
180AT	5.40	579.47	574.07	2/19/2009	11:21	
184A	7.74	579.88	572.14	2/19/2009	10:57	
184AT	7.75	579.69	571.94	2/19/2009	10:56	
185A	9.29	580.84	571.55	2/19/2009	11:05	
185AT	8.64	580.69	572.05	2/19/2009	11:06	
186A	11.83	579.76	567.93	2/19/2009	11:11	
186AT	7.84	580.10	572.26	2/19/2009	11:12	
187A	12.21	579.94	567.73	2/19/2009	11:16	
187AT	6.62	579.30	572.68	2/19/2009	11:13	
188A	16.40	580.91	564.51	2/19/2009	11:18	
188AT	7.08	580.59	573.51	2/19/2009	11:17	
189A	13.47	579.82	566.35	2/19/2009	11:24	
189AT	6.66	580.40	573.74	2/19/2009	11:23	
190A	12.56	580.58	568.02	2/19/2009	11:31	
190AT	7.11	580.92	573.81	2/19/2009	11:32	
191A	8.68	580.62	571.94	2/19/2009	11:35	
191AT	7.12	581.06	573.94	2/19/2009	11:36	
192A	10.88	584.08	573.20	2/19/2009	11:41	
192AT	11.44	584.46	573.02	2/19/2009	11:40	
193A	11.80	584.13	572.33	2/19/2009	11:54	
193AT	4.98	583.09	578.11	2/19/2009	11:53	
194A	12.72	584.35	571.63	2/19/2009	11:50	

APPENDIX A
GROUNDWATER ELEVATION DATA
1Q09
DUPONT NECCO PARK

Location	Depth to Water	Casing Elevation	Groundwater Elevation	Date	Time	Comment
194AT	9.39	584.93	575.54	2/19/2009	11:51	
201B	10.36	579.25	568.89	2/19/2009	10:16	
202D	36.20	593.73	557.53	2/19/2009	10:25	
202E	36.56	593.73	557.17	2/19/2009	10:26	
202F	35.79	593.73	557.94	2/19/2009	10:27	
203D	30.35	593.86	563.51	2/19/2009	10:28	
203E	30.31	593.86	563.55	2/19/2009	10:29	
203F	30.24	593.86	563.62	2/19/2009	10:30	
BZTW-1	8.11	579.67	571.56	2/19/2009	11:04	
BZTW-2	8.36	579.38	571.02	2/19/2009	10:52	
D-10	10.91	580.02	569.11	2/19/2009	11:01	
D-11	6.61	578.07	571.46	2/19/2009	10:50	
D-13	6.28	579.07	572.79	2/19/2009	10:33	
D-14	9.86	579.01	569.15	2/19/2009	10:34	
D-23	14.21	580.55	566.34	2/19/2009	11:25	
D-9	7.76	580.15	572.39	2/19/2009	11:02	
RDB-3	4.98	579.31	574.33	2/19/2009	10:37	
RDB-5	5.01	578.57	573.56	2/19/2009	10:38	
RW-10	9.40	577.90	568.50	2/19/2009	10:43	
RW-4	31.67	581.52	549.85	2/19/2009	11:48	
RW-5	19.69	578.88	559.19	2/19/2009	12:10	
RW-8	31.98	585.52	553.54	2/19/2009	11:01	
RW-9	20.91	575.13	554.22	2/19/2009	12:33	
RW-11	10.78	578.78	568.00	2/19/2009	10:44	
PZ-A	10.00	579.06	569.06	2/19/2009	10:48	
PZ-B	10.52	579.47	568.95	2/19/2009	10:49	

Appendix B

GWTF Process Sampling Results

Appendix B: GWTF Summary of 1Q09 Analytical Results
DuPont Necco Park
Niagara Falls, NY

Analyte		BC-INFLUENT 2/19/09	DEF-INFLUENT 2/19/09	COMB-EFFLUENT 2/19/09	FILTER-BLK 2/19/09	TBLK 2/19/09
Field Parameters						
COLOR QUALITATIVE (FIELD)	NS	grey	grey	grey	NS	NS
ODOR (FIELD)	NS	moderate	moderate	slight	NS	NS
PH (FIELD)	STD UNITS	5.39	7.03	7.37	NS	NS
REDOX (FIELD)	MV	-104	-255	-138	NS	NS
SPECIFIC CONDUCTANCE (FIELD)	UMHOS/CM	9168	4881	7011	NS	NS
TEMPERATURE (FIELD)	DEGREES C	9.2	11.4	11.1	NS	NS
TURBIDITY QUALITATIVE (FIELD)	NONE	89.4	47.2	108.5	NS	NS
Volatile Organics						
1,1,2,2-TETRACHLOROETHANE	UG/L	2100	2100	1200	NS	<0.18
1,1,2-TRICHLOROETHANE	UG/L	2600	3300	810	NS	<0.27
1,1-DICHLOROETHENE	UG/L	360	400	<4.8	NS	<0.19
1,2-DICHLOROETHANE	UG/L	370	240	49	NS	<0.22
CARBON TETRACHLORIDE	UG/L	1200	1400	<3.2	NS	<0.13
CHLOROFORM	UG/L	13000	5600	350	NS	<0.16
CIS-1,2 DICHLOROETHENE	UG/L	3700	13000	140	NS	<0.17
METHYLENE CHLORIDE	UG/L	2200	6500	160	NS	<0.33
TETRACHLOROETHYLENE	UG/L	3900	2000	29	NS	<0.29
TRANS-1,2-DICHLOROETHENE	UG/L	280	940	<4.8	NS	<0.19
TRICHLOROETHENE	UG/L	13000	10000	130	NS	<0.17
VINYL CHLORIDE	UG/L	1800	2800	<5.5	NS	<0.22
Other Organics						
2,4,5-TRICHLOROPHENOL	UG/L	57 J	330	190	NS	NS
2,4,6-TRICHLOROPHENOL	UG/L	13 J	150	79	NS	NS
3- AND 4- METHYLPHENOL	UG/L	<0.75	17 J	<0.75	NS	NS
HEXACHLOROBENZENE	UG/L	<1	<1	<0.5	NS	NS
HEXACHLOROBUTADIENE	UG/L	280	37 J	24 J	NS	NS
HEXACHLOROETHANE	UG/L	78 J	10 J	<4	NS	NS
PENTACHLOROPHENOL	UG/L	94 J	510	370	NS	NS
PHENOL	UG/L	69 J	38 J	97	NS	NS
Tentatively Identified Compound 01	UG/L	1200 J	380 J	50 J	NS	NS
Inorganics						
BARIUM (Dissolved)	UG/L	53500	110 J	1.5 J	NS	NS
BARIUM (Total)	UG/L	112000	100 J	48000	500	NS
SULFATE	UG/L	4000	899000	379000	NS	NS
Total Volatiles		**44510**	**48280**	**2868**	**0**	**0**

< and ND = Non detect at stated reporting limit