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

May 5, 2008

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 2008 DATA PACKAGE

Enclosed are three copies of the *First Quarter 2008 (1Q08) 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 removal summary for 1Q08.

Pumping system uptime for 1Q08 was 92.6 percent. Total volume of groundwater treated was 2,761,674 gallons. Approximately 65 gallons of DNAPL was removed in 1Q08.

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/mac
Enc.
T:\ \ \7537 Long Term GW Mon\Reports\Quarterly Data Packets\2008\1Q08\necco 1Q08 data pkg cvr ltr.doc

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

SOURCE AREA HYDRAULIC CONTROL SYSTEM
FIRST QUARTER 2008 GROUNDWATER MONITORING DATA PACKAGE
DUPONT NECCO PARK

Date: May 5, 2008

DuPont Project No. 7537
URSD Project No. 18985339

CORPORATE REMEDIATION GROUP
An Alliance between
DuPont and URS Diamond

Barley Mill Plaza, Building 19
Wilmington, Delaware 19805

Buffalo Avenue & 26th Street
Niagara Falls, NY 14302

TABLE OF CONTENTS

TABLES

FIGURES

APPENDICES

ATTACHMENTS

1.0 DATA PACKAGE SUMMARY

This data package presents a summary of operating and monitoring data collected during the first quarter of 2008 (1Q08) 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 Long Term Groundwater Monitoring Plan (LTGMP) and the Sampling, Analysis, and Monitoring Plan (SAMP) (CRG, 2005).

This data package is the twelfth issued 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 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 HCS uptime, total gallons of groundwater treated, and gallons of DNAPL removed for 1Q08 is as follows:

	HCS Uptime (%)	Groundwater Treated (Gallons)	DNAPL Removed (Gallons)
January	95.3	930,041	28
February	86.0	932,264	17
March	96.1	899,369	20
1Q08 Total	**92.6**	**2,761,674**	**65**

Individual pumping well downtime greater than 24 hours occurring during 1Q08 is summarized in Table 1. Downtime in January was attributed to a pump failure in well RW-4 and a level control issue and DNAPL accumulation in well RW-5. Downtime in February was attributed to a faulty variable frequency drive in well RW-5. Downtime in March was attributed to the planned shutdown of well RW-5 to remove sediment from

the well. Well yield from RW-5 improved after this well cleaning event. The RW-4 level control and the RW-5 variable frequency drive malfunctions have been rectified. A historical operational summary by quarter since HCS operations began is provided in Table 2.

All DNAPL removed in 1Q08 was derived from pumping well RW-5. Monthly DNAPL monitoring was completed on January 18th, February 21st, and March 17th. RW-5 was the only location where DNAPL was observed in 1Q08.

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 1Q08. The samples were collected by TestAmerica (formerly STL) Laboratories of Amherst, NY on March 6, 2008 and shipped to TestAmerica Laboratories in North Canton, Ohio for analysis. Sample results are provided 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 1Q08 wastewater samples were collected on January 9, 2008. All calculated loadings were below permitted daily maximum and annual average discharge limits.

2.0 REFERENCES

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

TABLES

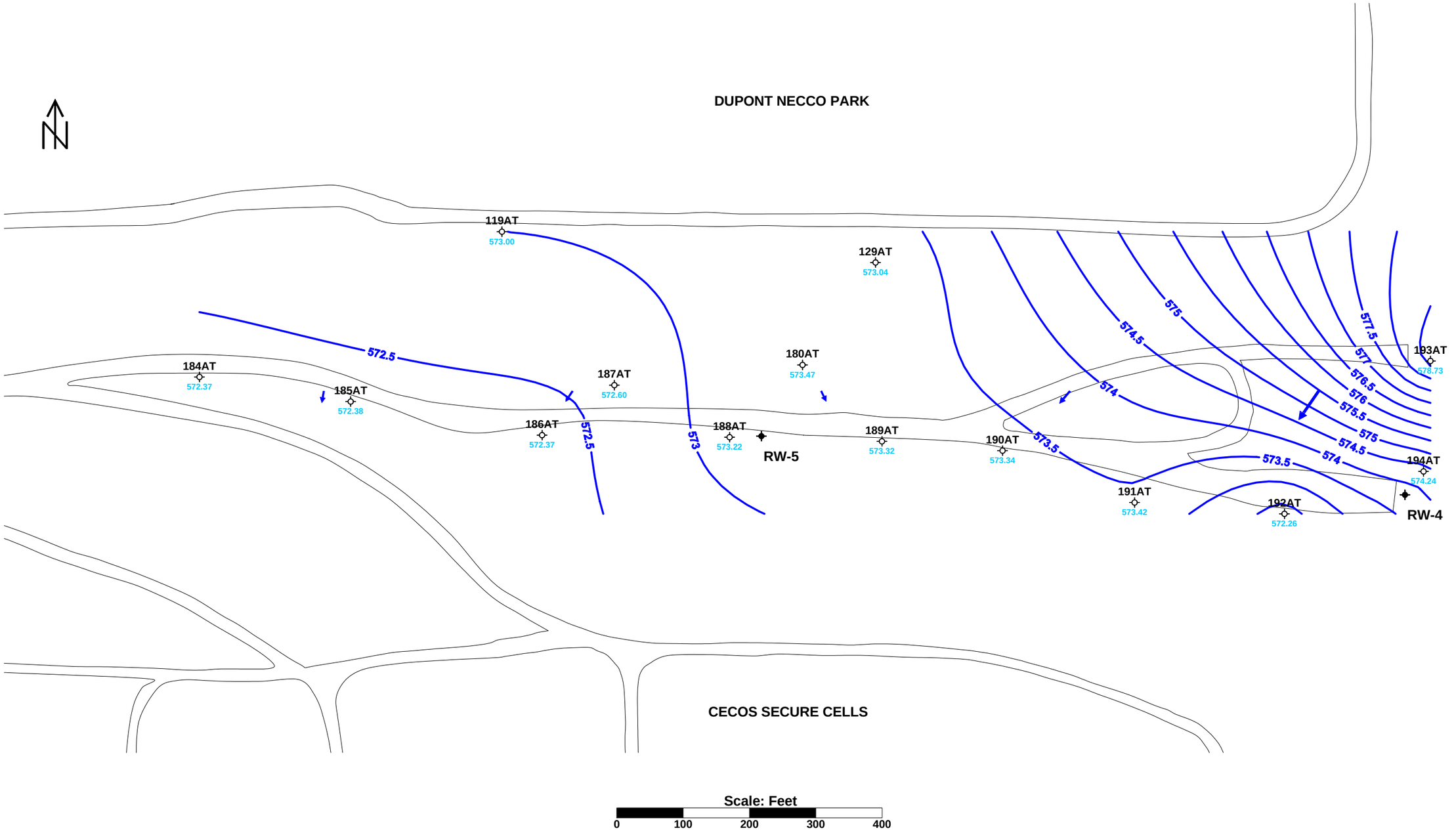
Table 1
Individual Recovery Well Shutdown Summary - 1Q08
DuPont Necco Park

	Well ID	Date	Length of Shutdown (hours)	Reason for Shutdown	Remarks
JANUARY	RW-4	1/2 – 1/5	68.6	Pump failure	New pump installed
	RW-5	1/17 – 1/18	42.0	DNAPL in well	Removed DNAPL
	RW-5	1/20 – 1/21	41.0	Level alarm	Repaired alarm
FEBRUARY	RW-5	2/8 – 2/20	314.0	Level control failure	Level control repaired
MARCH	RW-5	3/18 – 3/21	76.0	Well cleaning	Well cleaning to improve yield

Table 2
Historical HCS Operational Summary - 1Q08
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	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	92.5	3,497,149	51
4Q07	91.2	92.0	2,697,915	35
1Q08	92.6	93.5	2,761,674	65
TOTALS	**---**	**---**	**36,514,575**	**473**
AVERAGE	**93.1**	**94.3**	**---**	**---**

FIGURES



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

Figure 1
Potentiometric Surface Map
DuPont Necco Park: AT-Zone
March 17, 2008

DUPONT NECCO PARK

119AT/A
0.12

129AT/A
0.04

184AT/A
-0.03

185AT/A
0.16

187AT/A
-0.68

186AT/A
-0.71

188AT/A
-0.69

RW-5

189AT/A
-0.76

190AT/A
-0.51

193AT/A
-0.5

191AT/A
-0.22

192AT/A
-0.09

194AT/A
-0.26

RW-4

CECOS SECURE CELLS

Scale: Feet

0 100 200 300 400

Note:
Negative values indicate downward gradients.

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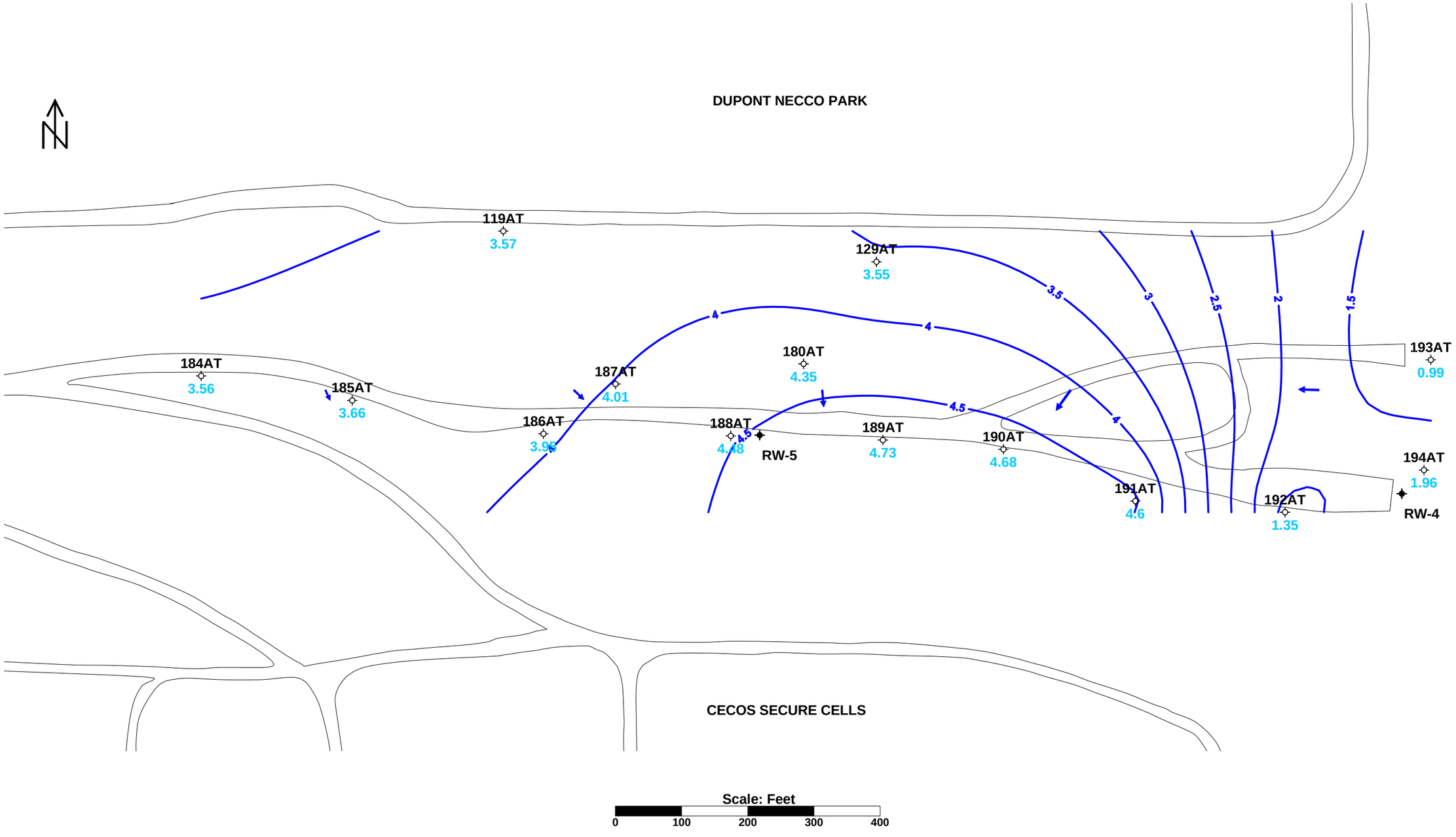
LEGEND

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

Figure 2
Vertical Gradient: AT-Zone to A-Zone
DuPont Necco Park
March 17, 2008



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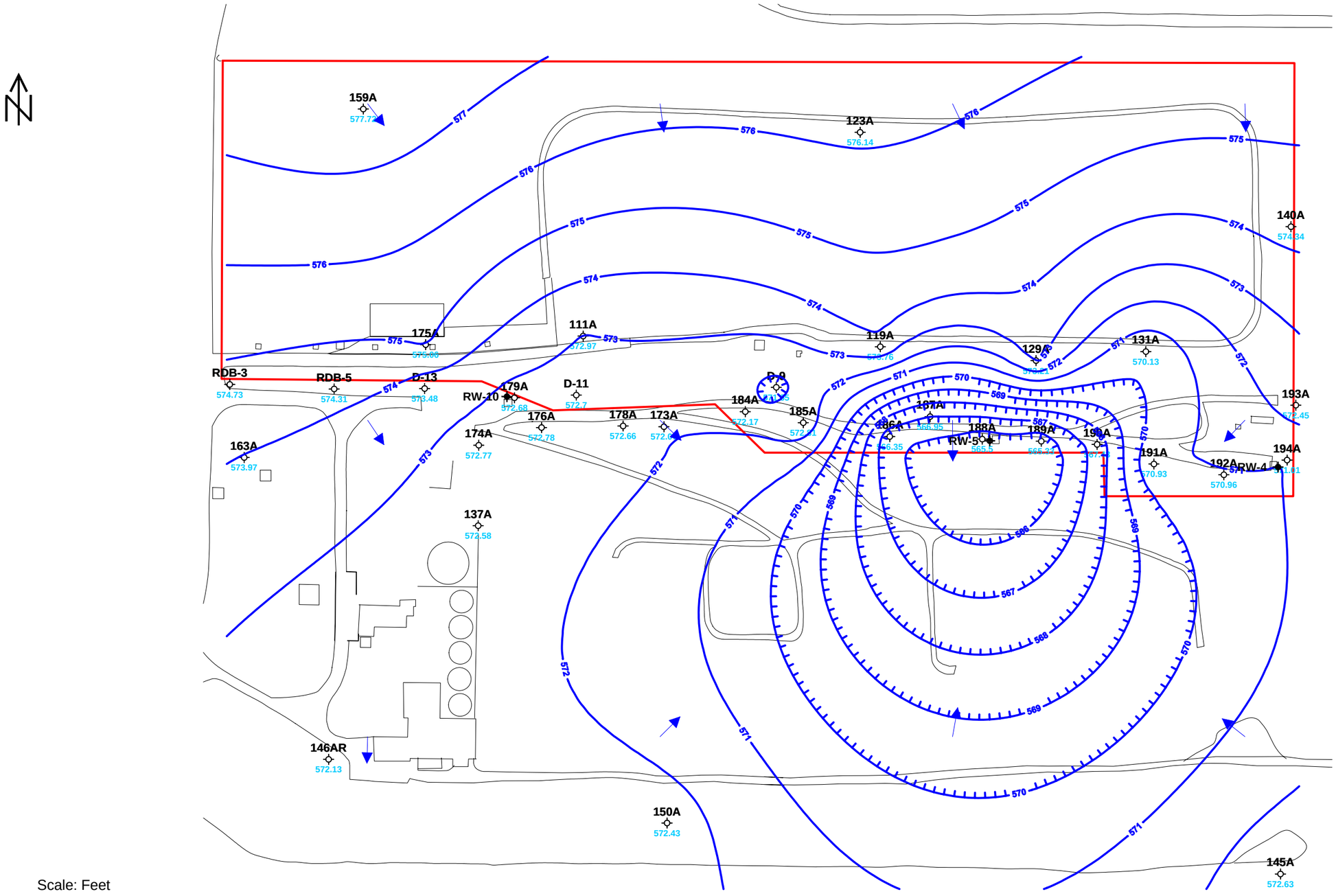
LEGEND

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

Figure 3
Drawdown Contour Map
DuPont Necco Park: AT-Zone
April 5, 2005 (Static) to March 17, 2008



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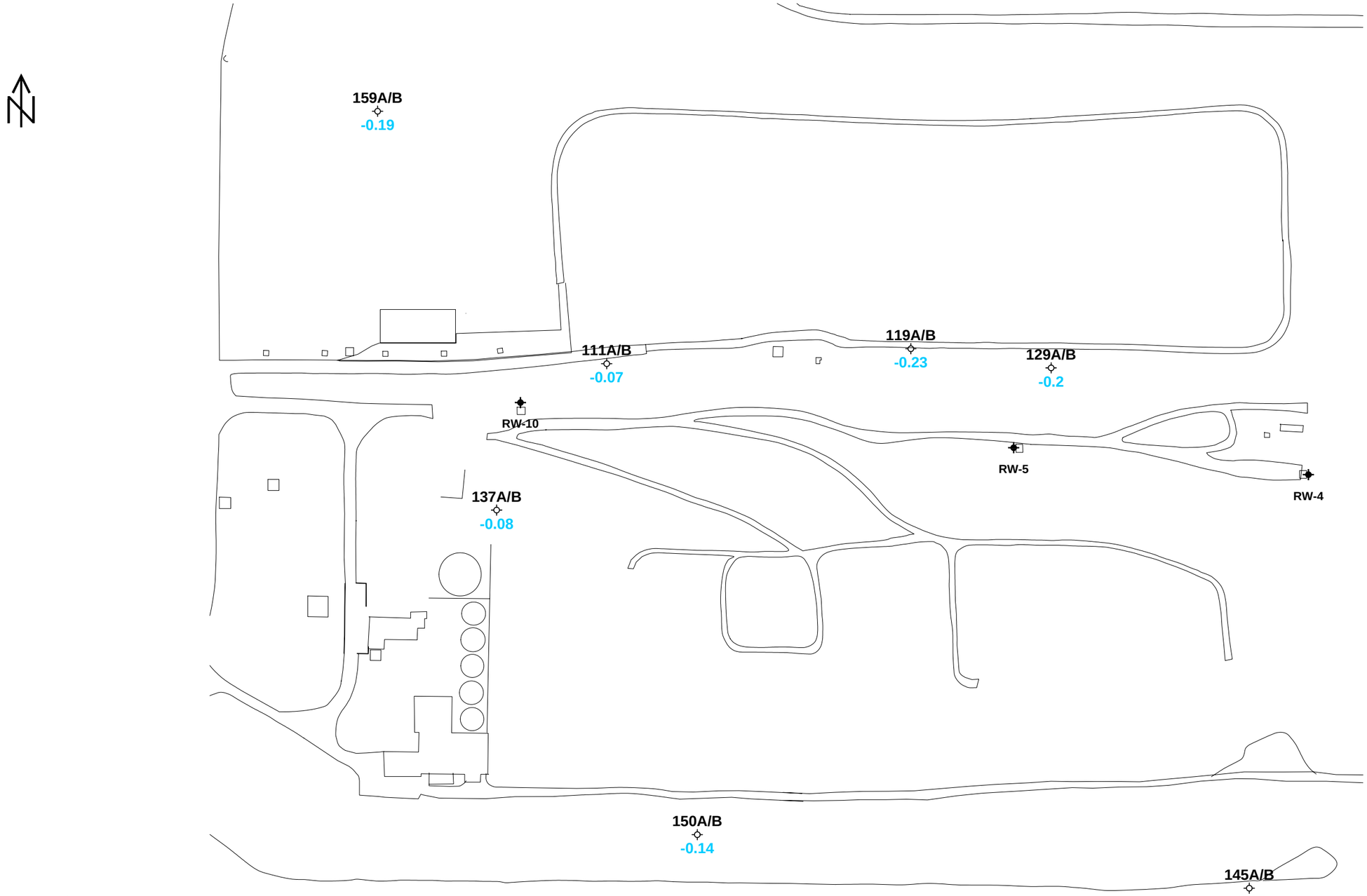
LEGEND

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

Figure 4
Potentiometric Surface Map
DuPont Necco Park: A-Zone
March 17, 2008

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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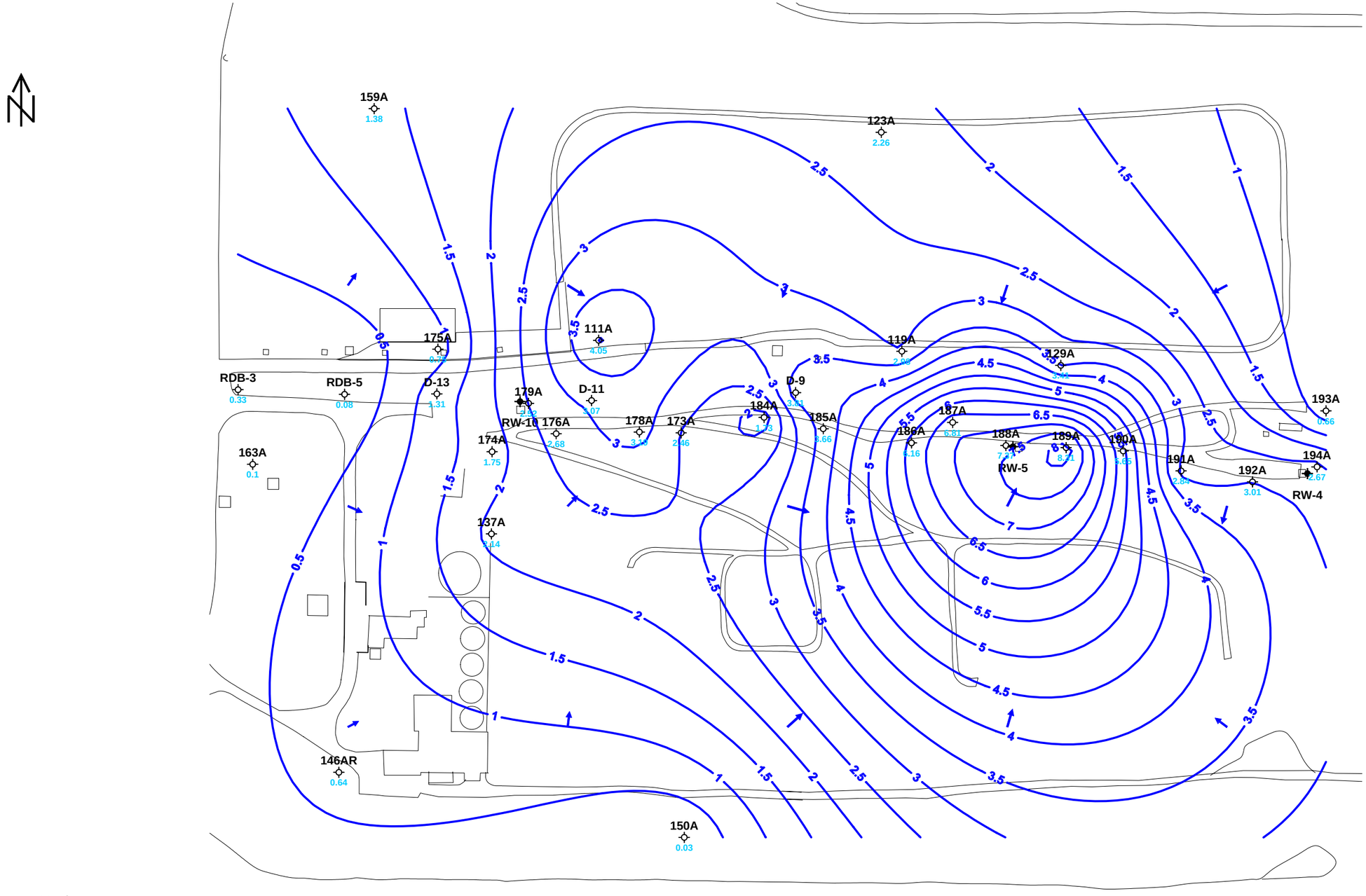
LEGEND

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

Figure 5
Vertical Gradient: A-Zone to B-Zone
DuPont Necco Park
March 17, 2008

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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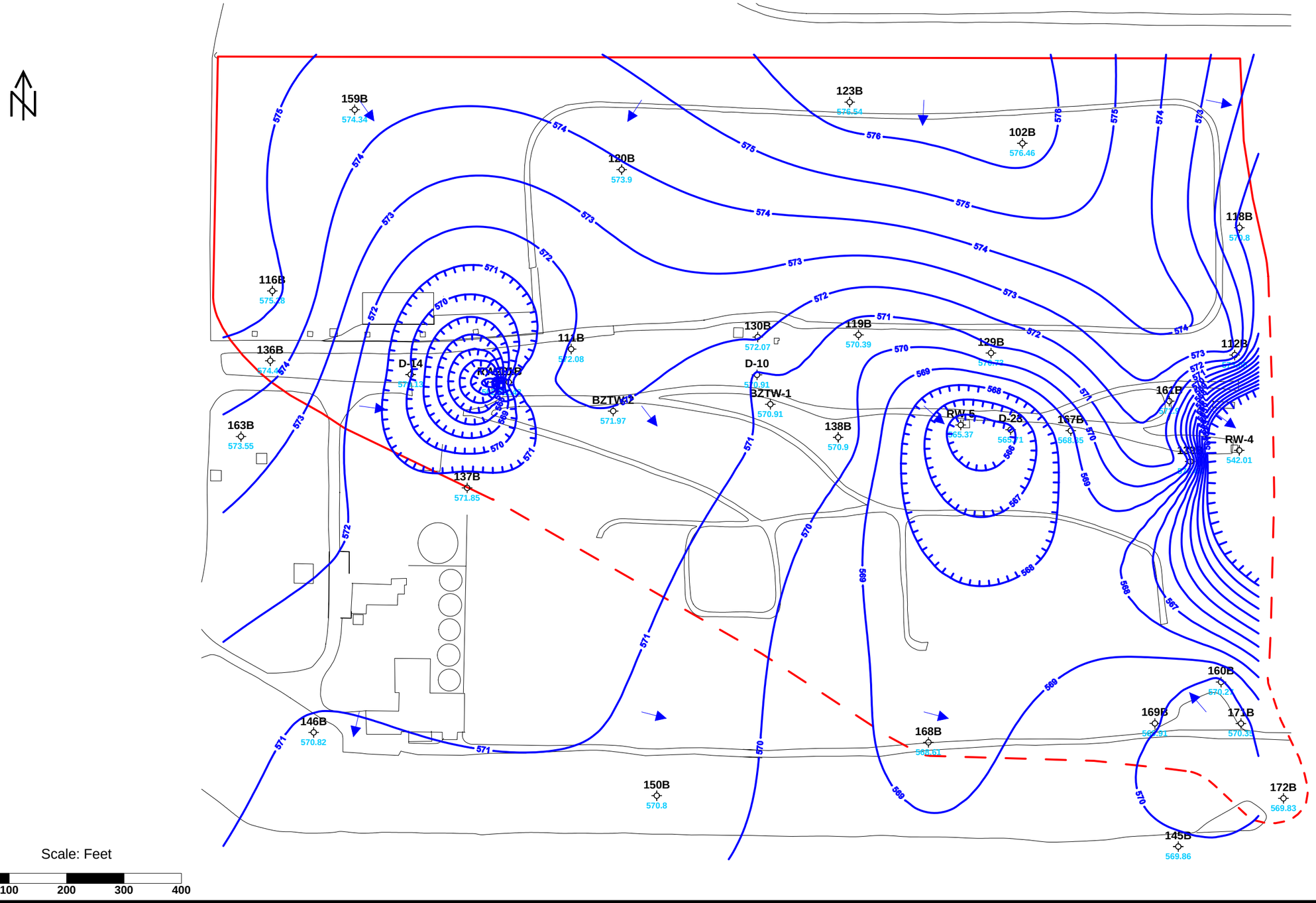
LEGEND

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 March 17, 2008

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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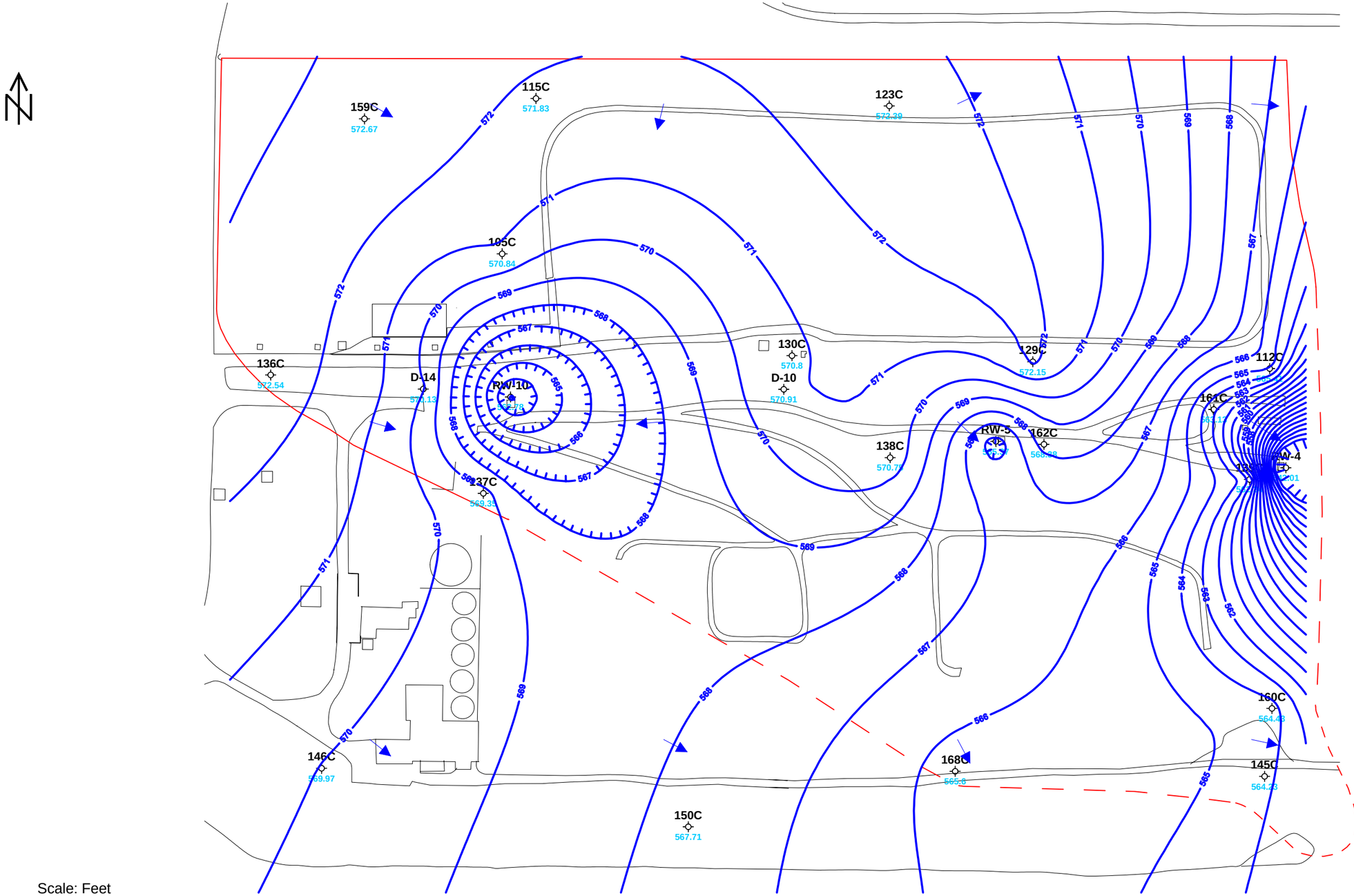
LEGEND

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

Figure 7
Potentiometric Surface Map
DuPont Necco Park: B-Zone
March 17, 2008

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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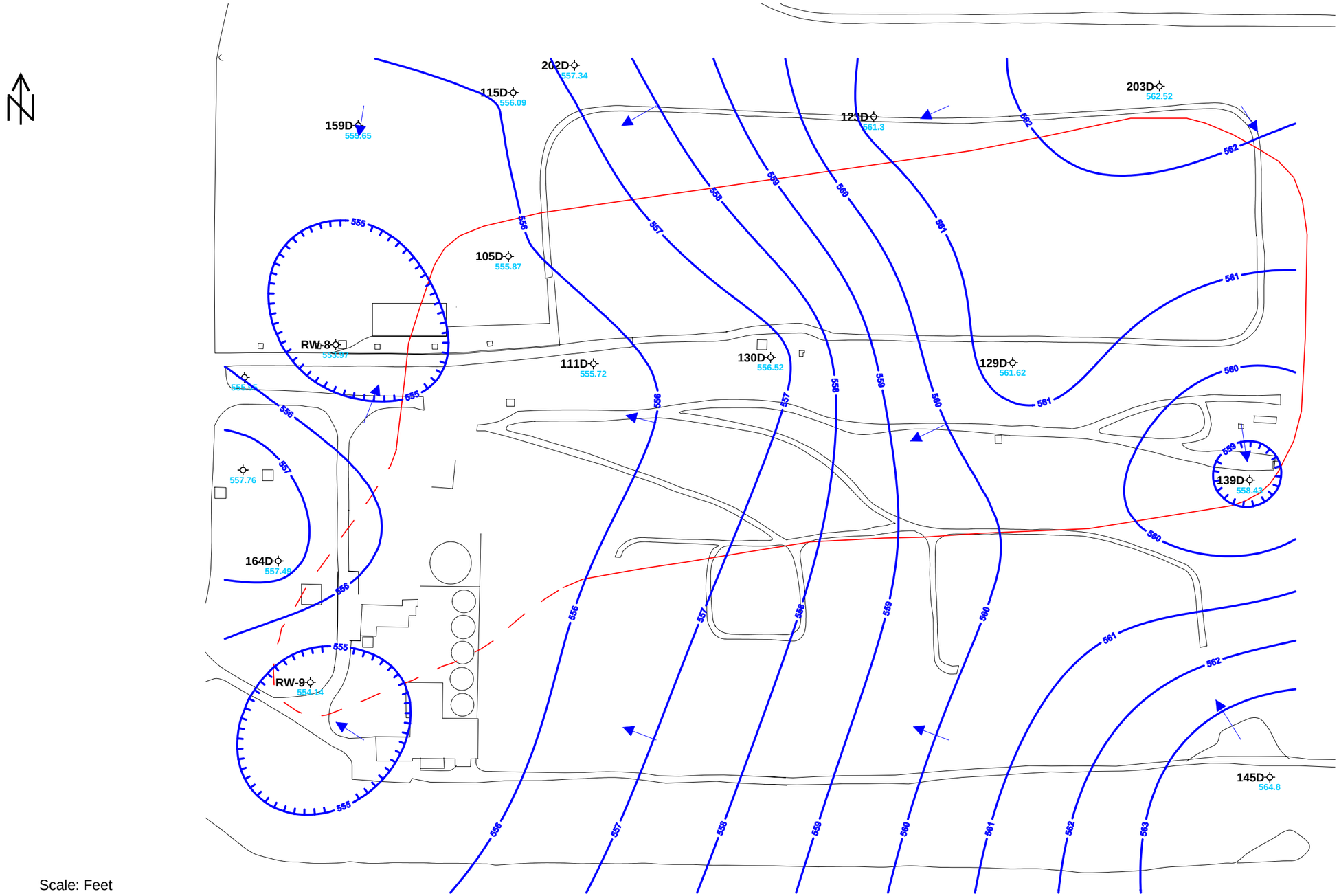
LEGEND

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

Figure 8
Potentiometric Surface Map
DuPont Necco Park: C-Zone
March 17, 2008

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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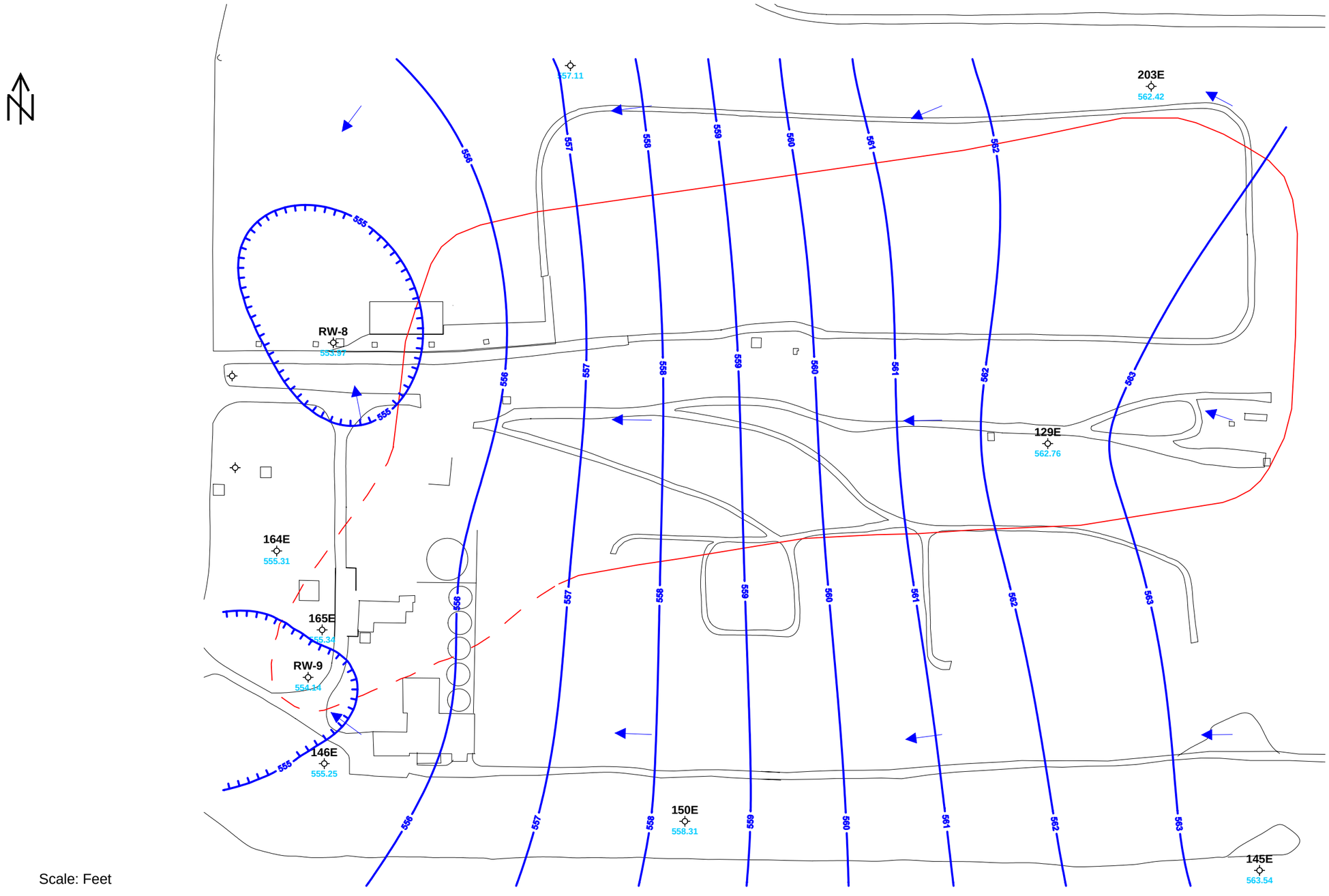
LEGEND

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

Figure 9
Potentiometric Surface Map
DuPont Necco Park: D-Zone
March 17, 2008

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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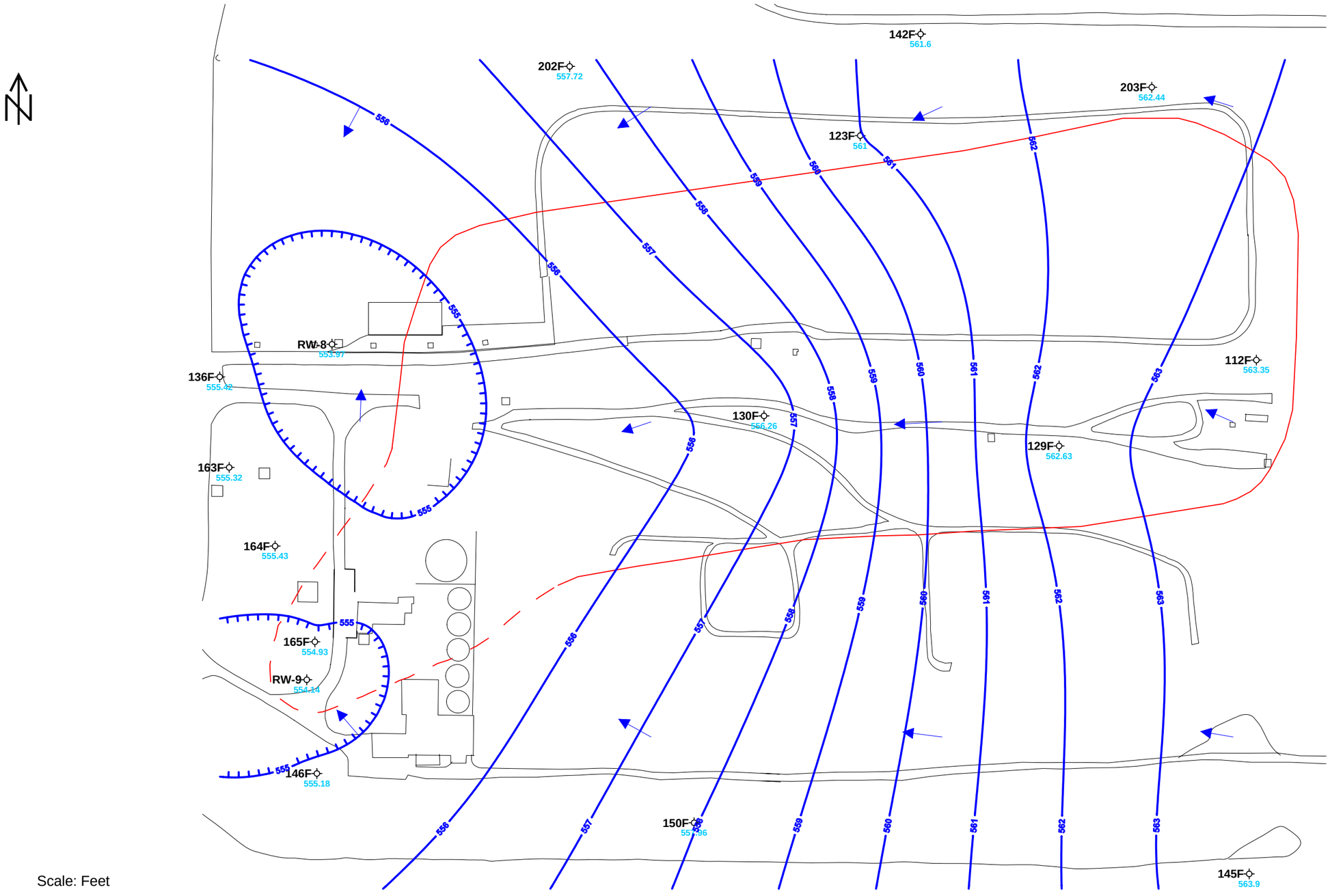
LEGEND

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

Figure 10
Potentiometric Surface Map
DuPont Necco Park: E-Zone
March 17, 2008

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
March 17, 2008

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
1Q08
DUPONT NECCO PARK

Location	Depth to Water	Casing Elevation	Groundwater Elevation	Date	Time	Comment
102B	22.55	599.01	576.46	3/17/2008	12:55	
105C	24.44	595.28	570.84	3/17/2008	13:45	
105D	38.90	594.77	555.87	3/17/2008	13:47	
111A	13.92	586.89	572.97	3/17/2008	12:13	
111B	12.86	584.94	572.08	3/17/2008	12:14	
111D	28.58	584.30	555.72	3/17/2008	12:15	
112B	8.85	581.90	573.05	3/17/2008	12:43	
112C	17.52	582.93	565.41	3/17/2008	12:44	
112F	19.94	583.29	563.35	3/17/2008	12:42	
115C	24.10	595.93	571.83	3/17/2008	13:55	
115D	40.53	596.62	556.09	3/17/2008	13:53	
116B	14.77	590.05	575.28	3/17/2008	12:06	
118B	13.10	583.90	570.80	3/17/2008	12:46	
119A	12.58	586.34	573.76	3/17/2008	12:23	
119AT	13.62	586.62	573.00	3/17/2008	12:22	
119B	16.38	586.77	570.39	3/17/2008	12:24	
120B	25.28	599.18	573.90	3/17/2008	13:06	
123A	21.79	597.93	576.14	3/17/2008	13:00	
123B	19.44	595.98	576.54	3/17/2008	13:01	
123C	23.03	595.42	572.39	3/17/2008	13:02	
123D	35.21	596.51	561.30	3/17/2008	13:03	
123F	37.57	598.57	561.00	3/17/2008	13:04	
129A	11.59	584.80	573.21	3/17/2008	12:31	
129AT	11.90	584.94	573.04	3/17/2008	12:30	
129B	14.51	585.24	570.73	3/17/2008	12:29	
129C	13.53	585.68	572.15	3/17/2008	12:28	
129D	24.41	586.03	561.62	3/17/2008	12:27	
129E	18.12	580.88	562.76	3/17/2008	12:42	
129F	18.73	581.36	562.63	3/17/2008	12:41	
130B	13.56	585.63	572.07	3/17/2008	12:18	
130C	14.71	585.51	570.80	3/17/2008	12:19	
130D	28.44	584.96	556.52	3/17/2008	12:20	
130F	25.23	581.49	556.26	3/17/2008	12:09	
130G	25.66	580.79	555.13	3/17/2008	12:08	
131A	15.30	585.43	570.13	3/17/2008	12:35	
136B	7.28	581.69	574.41	3/17/2008	11:46	
136C	9.08	581.62	572.54	3/17/2008	11:45	
136D	23.73	579.68	555.95	3/17/2008	11:44	
136E	23.94	579.59	555.65	3/17/2008	11:43	
136F	24.91	580.33	555.42	3/17/2008	13:32	
136F	24.91	580.33	555.42	3/17/2008	11:41	
136G	20.16	579.76	559.60	3/17/2008	13:33	
137A	6.51	579.09	572.58	3/17/2008	11:45	
137B	6.46	578.31	571.85	3/17/2008	11:47	
137C	9.12	578.47	569.35	3/17/2008	11:48	
138B	13.08	583.98	570.90	3/17/2008	12:21	
138C	16.31	587.06	570.75	3/17/2008	12:20	
139B	14.95	585.39	570.44	3/17/2008	12:54	
139C	22.93	585.27	562.34	3/17/2008	12:55	
139D	27.06	585.49	558.43	3/17/2008	12:56	
140A	7.09	581.43	574.34	3/17/2008	12:47	
142E	24.17	586.00	561.83	3/17/2008	13:12	
142F	24.09	585.69	561.60	3/17/2008	13:13	
143G	36.39	591.34	554.95	3/17/2008	14:00	
145A	3.21	575.84	572.63	3/17/2008	12:31	
145B	5.62	575.48	569.86	3/17/2008	12:32	
145C	11.67	575.90	564.23	3/17/2008	13:39	
145D	11.25	576.05	564.80	3/17/2008	13:41	
145E	12.44	575.98	563.54	3/17/2008	12:33	
145F	12.15	576.05	563.90	3/17/2008	12:34	
146AR	4.79	576.92	572.13	3/17/2008	13:18	
146B	6.08	576.90	570.82	3/17/2008	13:19	
146C	6.38	576.35	569.97	3/17/2008	13:20	
146E	20.83	576.08	555.25	3/17/2008	13:21	
146F	20.86	576.04	555.18	3/17/2008	13:22	

APPENDIX A
GROUNDWATER ELEVATION DATA
1Q08
DUPONT NECCO PARK

Location	Depth to Water	Casing Elevation	Groundwater Elevation	Date	Time	Comment
148D	7.02	576.38	569.36	3/17/2008	12:10	
148F	22.78	576.21	553.43	3/17/2008	12:12	
149B	0.00	572.87	572.87	3/17/2008	0:00	FROZEN, WL not recorded.
149C	5.09	573.26	568.17	3/17/2008	13:03	
149D	16.43	572.86	556.43	3/17/2008	12:59	
150A	3.43	575.86	572.43	3/17/2008	12:20	
150B	5.19	575.99	570.80	3/17/2008	12:21	
150C	8.42	576.13	567.71	3/17/2008	12:22	
150E	17.84	576.15	558.31	3/17/2008	12:23	
150F	18.02	575.98	557.96	3/17/2008	12:24	
151B	6.72	573.36	566.64	3/17/2008	11:50	
151C	7.53	573.18	565.65	3/17/2008	11:53	
159A	18.44	596.16	577.72	3/17/2008	14:07	
159B	22.03	596.37	574.34	3/17/2008	14:08	
159C	24.69	597.36	572.67	3/17/2008	14:09	
159D	42.02	597.67	555.65	3/17/2008	14:10	
160B	12.48	582.75	570.27	3/17/2008	13:34	
160C	18.29	582.72	564.43	3/17/2008	13:35	
161B	10.94	582.84	571.90	3/17/2008	13:06	
161C	19.51	582.64	563.13	3/17/2008	13:05	
162C	12.62	581.00	568.38	3/17/2008	12:38	
163A	4.17	578.14	573.97	3/17/2008	12:03	
163B	4.39	577.94	573.55	3/17/2008	12:02	
163D	21.06	578.82	557.76	3/17/2008	12:01	
163E	23.11	579.06	555.95	3/17/2008	12:00	
163F	23.44	578.76	555.32	3/17/2008	11:59	
164D	19.93	577.42	557.49	3/17/2008	11:54	
164E	22.01	577.32	555.31	3/17/2008	11:55	
164F	21.84	577.27	555.43	3/17/2008	11:56	
165E	22.22	577.56	555.34	3/17/2008	13:09	
165F	22.79	577.72	554.93	3/17/2008	13:10	
167B	12.08	580.93	568.85	3/17/2008	12:46	
168B	10.29	578.90	568.61	3/17/2008	13:25	
168C	13.61	579.21	565.60	3/17/2008	13:26	
169B	10.52	580.43	569.91	3/17/2008	13:30	
171B	9.19	579.54	570.35	3/17/2008	13:37	
172B	7.12	576.95	569.83	3/17/2008	1:27	
173A	8.64	580.71	572.07	3/17/2008	12:03	
174A	4.85	577.62	572.77	3/17/2008	11:43	
175A	11.75	586.81	575.06	3/17/2008	12:11	
176A	7.25	580.03	572.78	3/17/2008	11:51	
178A	7.26	579.92	572.66	3/17/2008	12:01	
179A	6.33	579.01	572.68	3/17/2008	11:54	
180AT	6.00	579.47	573.47	3/17/2008	12:33	
184A	7.71	579.88	572.17	3/17/2008	12:07	
184AT	7.32	579.69	572.37	3/17/2008	12:06	
185A	8.03	580.84	572.81	3/17/2008	12:16	
185AT	8.31	580.69	572.38	3/17/2008	12:15	
186A	13.41	579.76	566.35	3/17/2008	12:19	
186AT	7.73	580.10	572.37	3/17/2008	12:18	
187A	12.99	579.94	566.95	3/17/2008	12:24	
187AT	6.70	579.30	572.60	3/17/2008	12:23	
188A	15.41	580.91	565.50	3/17/2008	12:27	
188AT	7.37	580.59	573.22	3/17/2008	12:26	
189A	14.49	579.82	565.33	3/17/2008	12:36	
189AT	7.08	580.40	573.32	3/17/2008	12:35	
190A	13.15	580.58	567.43	3/17/2008	12:45	
190AT	7.58	580.92	573.34	3/17/2008	12:44	
191A	9.69	580.62	570.93	3/17/2008	12:49	
191AT	7.64	581.06	573.42	3/17/2008	12:48	
192A	13.12	584.08	570.96	3/17/2008	12:52	
192AT	12.20	584.46	572.26	3/17/2008	12:51	
193A	11.68	584.13	572.45	3/17/2008	13:03	
193AT	4.36	583.09	578.73	3/17/2008	13:02	
194A	13.34	584.35	571.01	3/17/2008	12:59	

APPENDIX A
GROUNDWATER ELEVATION DATA
1Q08
DUPONT NECCO PARK

Location	Depth to Water	Casing Elevation	Groundwater Elevation	Date	Time	Comment
194AT	10.69	584.93	574.24	3/17/2008	13:00	
201B	7.83	579.25	571.42	3/17/2008	11:58	
202D	36.39	593.73	557.34	3/17/2008	13:21	
202E	36.62	593.73	557.11	3/17/2008	13:22	
202F	36.01	593.73	557.72	3/17/2008	13:23	
203D	31.34	593.86	562.52	3/17/2008	13:27	
203E	31.44	593.86	562.42	3/17/2008	13:28	
203F	31.42	593.86	562.44	3/17/2008	13:29	
BZTW-1	8.76	579.67	570.91	3/17/2008	12:14	
BZTW-2	7.41	579.38	571.97	3/17/2008	12:00	
D-10	9.11	580.02	570.91	3/17/2008	12:11	
D-11	5.37	578.07	572.70	3/17/2008	11:56	
D-13	5.59	579.07	573.48	3/17/2008	11:40	
D-14	8.88	579.01	570.13	3/17/2008	11:41	
D-23	14.84	580.55	565.71	3/17/2008	12:39	
D-9	8.50	580.15	571.65	3/17/2008	12:12	
RDB-3	4.58	579.31	574.73	3/17/2008	11:47	
RDB-5	4.26	578.57	574.31	3/17/2008	11:50	
RW-10	15.12	577.90	562.78	3/17/2008	11:53	
RW-4	39.51	581.52	542.01	3/17/2008	12:58	
RW-5	13.51	578.88	565.37	3/17/2008	12:28	
RW-8	31.55	585.52	553.97	3/17/2008	12:08	
RW-9	20.99	575.13	554.14	3/17/2008	13:13	

Appendix B

GWTF Process Sampling Results

Table B1: Summary of 1Q08 Analytical Results
DuPont Necco Park

Analyte	Units	BC-INFLUENT 3/6/08	DEF-INFLUENT 3/6/08	COMB-EFFLUENT 3/6/08	FILTER-BLK 3/6/08	TBLK 3/6/08
Field Parameters						
COLOR QUALITATIVE (FIELD)	NS	grey	grey	grey	NS	NS
ODOR (FIELD)	NS	moderate	moderate	slight	NS	NS
PH (FIELD)	STD UNITS	5.63	7.17	7.35	NS	NS
REDOX (FIELD)	MV	-147	-263	-111	NS	NS
SPECIFIC CONDUCTANCE (FIELD)	UMHOS/CM	42140	4838	9240	NS	NS
TEMPERATURE FIELD)	DEGREES C	10.8	13.2	13.6	NS	NS
TURBIDITY QUANTITATIVE (FIELD)	NTU	50.8	60.7	72.3	NS	NS
Volatile Organics						
1,1,2,2-TETRACHLOROETHANE	UG/L	6700	1500	1200	NS	<0.18
1,1,2-TRICHLOROETHANE	UG/L	2400	2700	1100	NS	<0.27
1,1-DICHLOROETHENE	UG/L	330J	360J	<9.5	NS	<0.19
1,2-DICHLOROETHANE	UG/L	680	200J	54	NS	<0.22
CARBON TETRACHLORIDE	UG/L	1600	1100	<6.5	NS	<0.13
CHLOROFORM	UG/L	13000	4300	270	NS	<0.16
CIS-1,2 DICHLOROETHENE	UG/L	17000	12000	600	NS	<0.17
METHYLENE CHLORIDE	UG/L	4100	5700	520	NS	<0.33
TETRACHLOROETHYLENE	UG/L	4200	1600	25 J	NS	<0.29
TRANS-1,2-DICHLOROETHENE	UG/L	990	940	16 J	NS	<0.19
TRICHLOROETHENE	UG/L	13000	8300	150	NS	<0.17
VINYL CHLORIDE	UG/L	5600	2400	<11	NS	<0.22
Semivolatile Organics						
2,4,5-TRICHLOROPHENOL	UG/L	<38	380	420	NS	NS
2,4,6-TRICHLOROPHENOL	UG/L	<56	190	230	NS	NS
3- AND 4- METHYLPHENOL	UG/L	270 J	11 J	17 J	NS	NS
HEXACHLOROBENZENE	UG/L	<2.6	<0.81	<0.65	NS	NS
HEXACHLOROBUTADIENE	UG/L	980	98 J	31 J	NS	NS
HEXACHLOROETHANE	UG/L	660 J	51 J	<5.8	NS	NS
PENTACHLOROPHENOL	UG/L	180 J	770	840	NS	NS
PHENOL	UG/L	260 J	59 J	79 J	NS	NS
TIC 01	UG/L	4200 J	1700 J	1700 J	NS	NS
Inorganics						
BARIUM, DISSOLVED	UG/L	1370000	110 J	340	NS	NS
BARIUM, TOTAL	UG/L	1390000	92 J	31100	<0.67	NS
SULFATE	UG/L	1580000	1050000	608000	NS	NS
Total Volatiles	UG/L	69600J	41100	3935J	NS	0

< and ND = Non detect at stated reporting limit
NS= not sampled
J= estimated concentration