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

Date: August 4, 2008

DuPont Project No. 7537
URSD Project No. 18985339

CORPORATE REMEDIATION GROUP
An Alliance between
DuPont and URS Diamond

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ATTACHMENTS

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1.0 DATA PACKAGE SUMMARY

This data package presents a summary of operating and monitoring data collected during the second quarter of 2008 (2Q08) 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 thirteenth 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 2Q08 is as follows:

	HCS Uptime (%)	Groundwater Treated (Gallons)	DNAPL Removed (Gallons)
April	97.8	968,049	103
May	91.2	976,272	89
June	98.9	957,940	87
2Q08 Total	**95.9**	**2,902,261**	**279**

Individual pumping well downtime greater than the pre-determined 24 hour period occurring during 2Q08 is summarized in Table 1. Downtime with RW-5 in May was incurred to change out the pump technology from a submersible pump to a centrifugal stainless steel pump and also due to the top of a measurable DNAPL layer approaching

the submersed pump intake. A historical operational summary by quarter since HCS operations began is provided in Table 2.

All DNAPL removed in 2Q08 was derived from pumping well RW-5. Monthly DNAPL monitoring was completed on April 7th, May 12th, and June 9th. RW-5 was the only location where DNAPL was observed in 2Q08. DNAPL removal was conducted twice in April and May and three times in June on the following dates:

April: 4/7 & 4/18

May: 5/13 & 5/29

June: 6/9, 6/20, & 6/29

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 2Q08. The samples were collected by TestAmerica (formerly STL) Laboratories of Amherst, NY on May 15, 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 2Q08 wastewater samples were collected on April 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

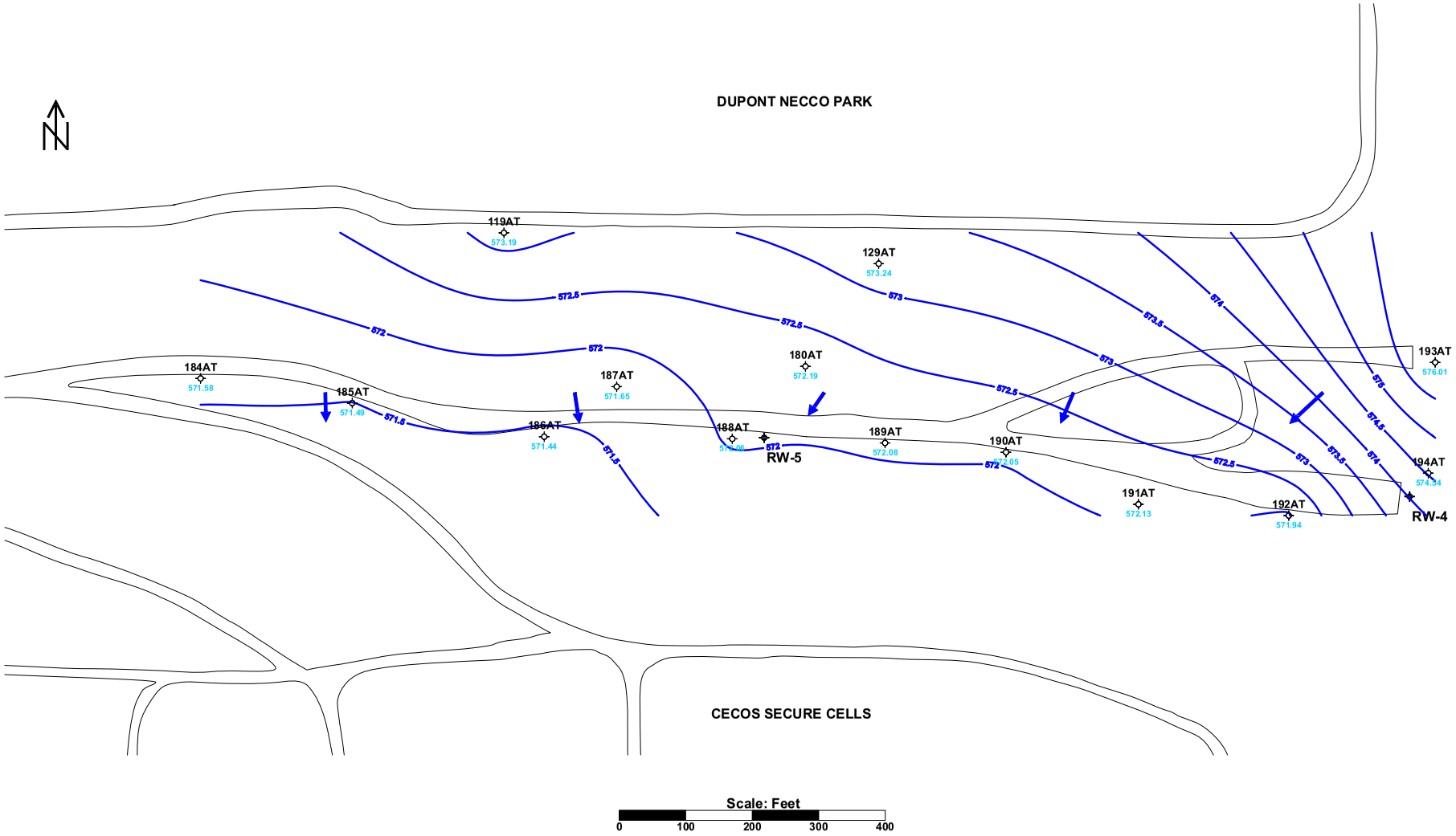
Table 1
Individual Recovery Well Shutdown Summary - 2Q08
DuPont Necco Park

	Well ID	Date	Length of Shutdown (hours)	Reason for Shutdown	Remarks
APRIL	N/A	N/A	N/A	N/A	N/A
MAY	RW-5	5/10 - 5/13	96	Measurable DNAPL layer approaching pump intake	DNAPL removed, pump restarted
	RW-5	5/19 - 5/20	48	Pump change	Changed technology from a submersible pump to an above ground centrifugal pump to decrease maintenance downtime
JUNE	N/A	N/A	N/A	N/A	N/A

Table 2
Historical HCS Operational Summary - 2Q08
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
TOTALS	**---**	**---**	**39,416,836**	**752**
AVERAGE	**93.3**	**94.4**	**---**	**---**

FIGURES



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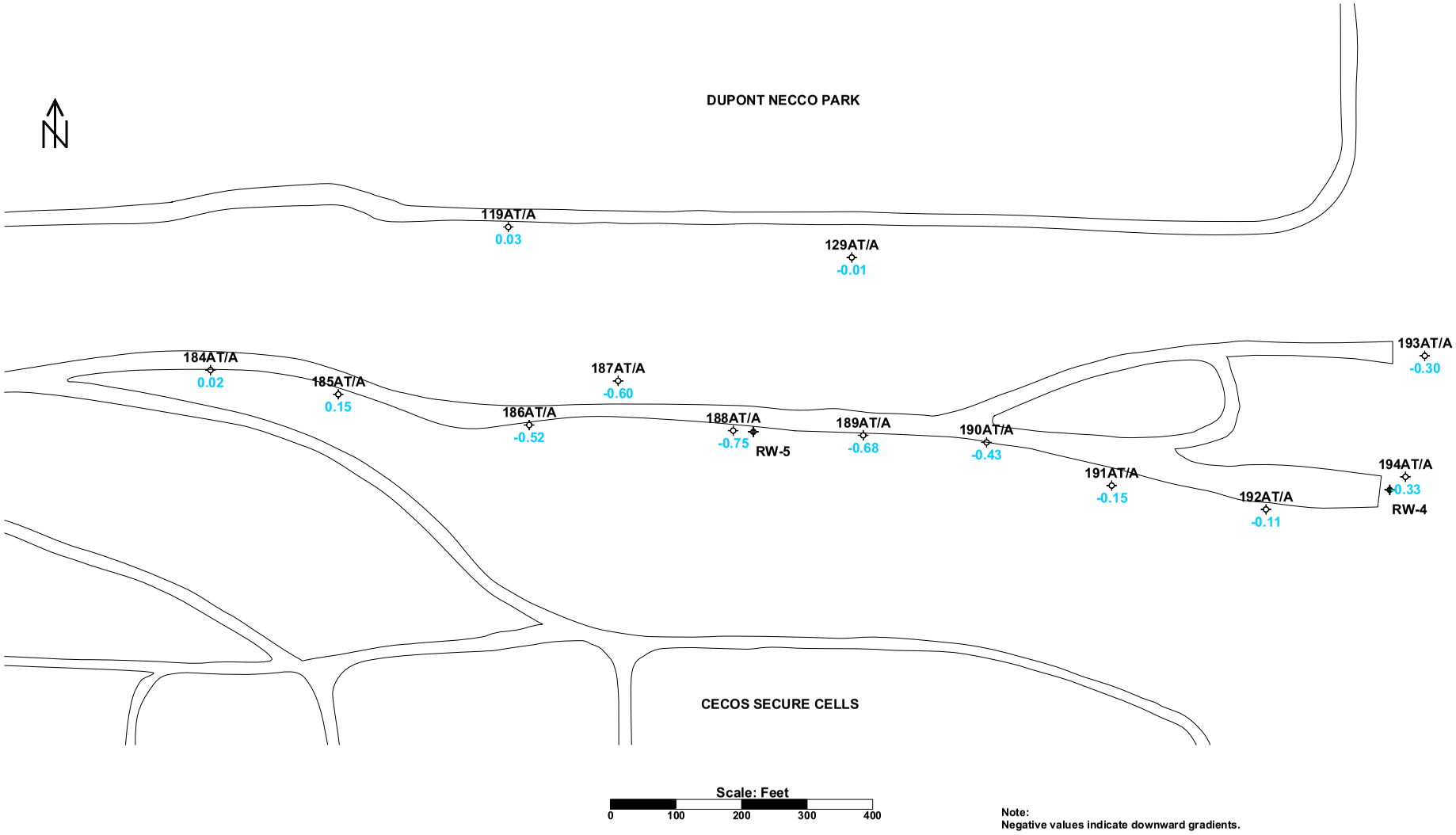
LEGEND

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

Figure 1
Potentiometric Surface Map
DuPont Necco Park: AT-Zone
May 15, 2008



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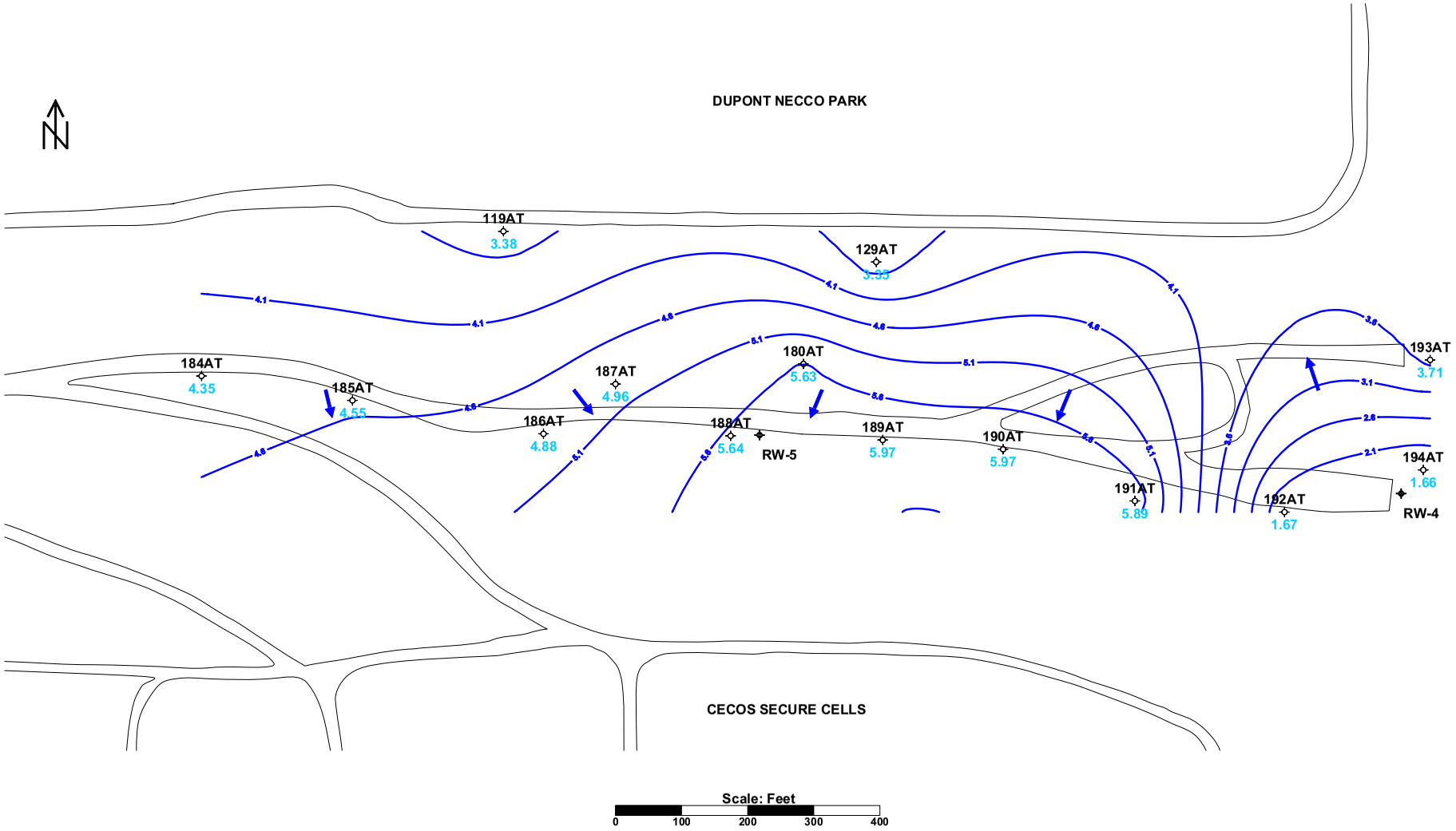
LEGEND

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

Figure 2
Vertical Gradient: AT-Zone to A-Zone
DuPont Necco Park
May 15, 2008



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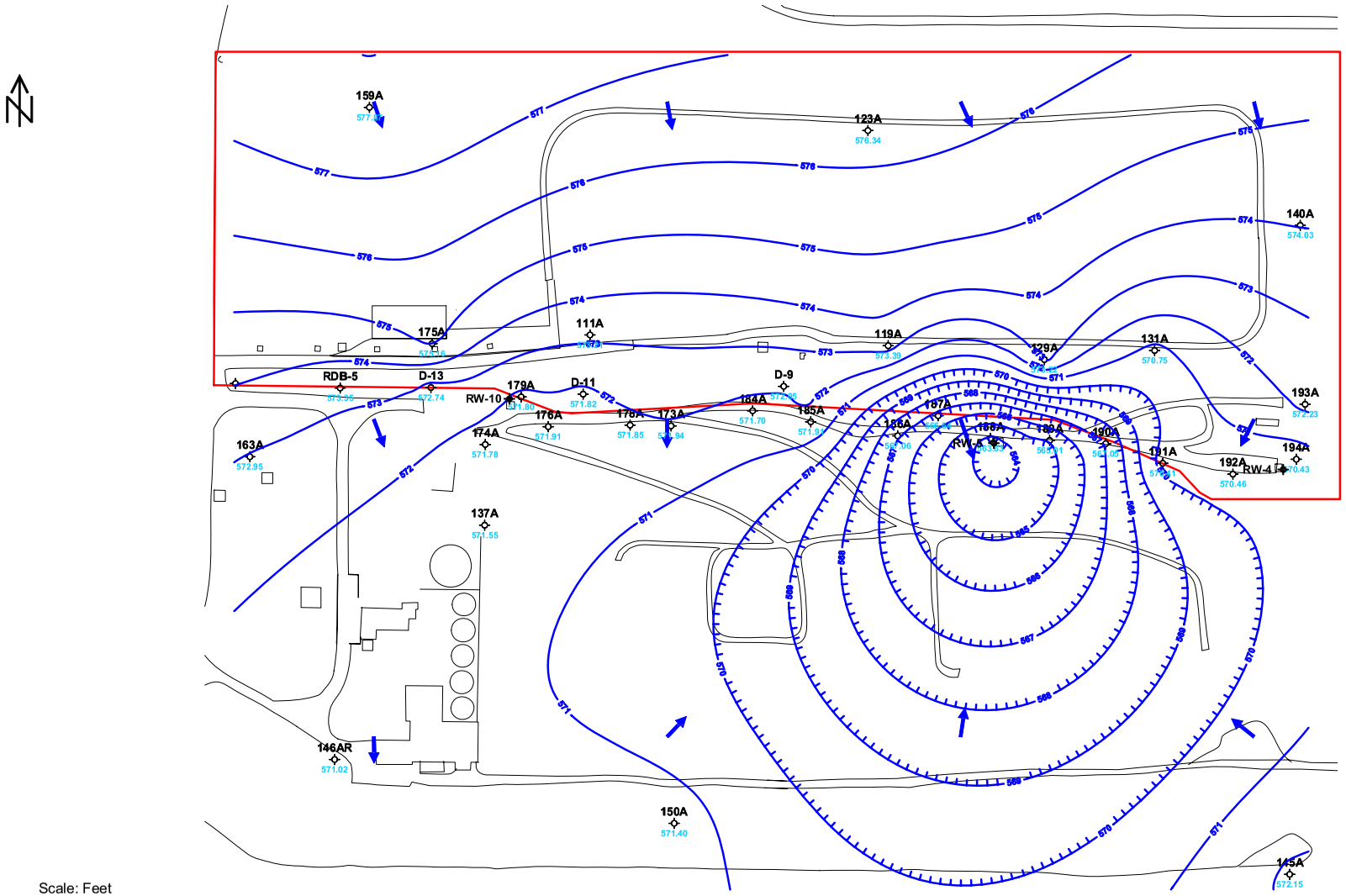
LEGEND

- 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 May 15, 2008



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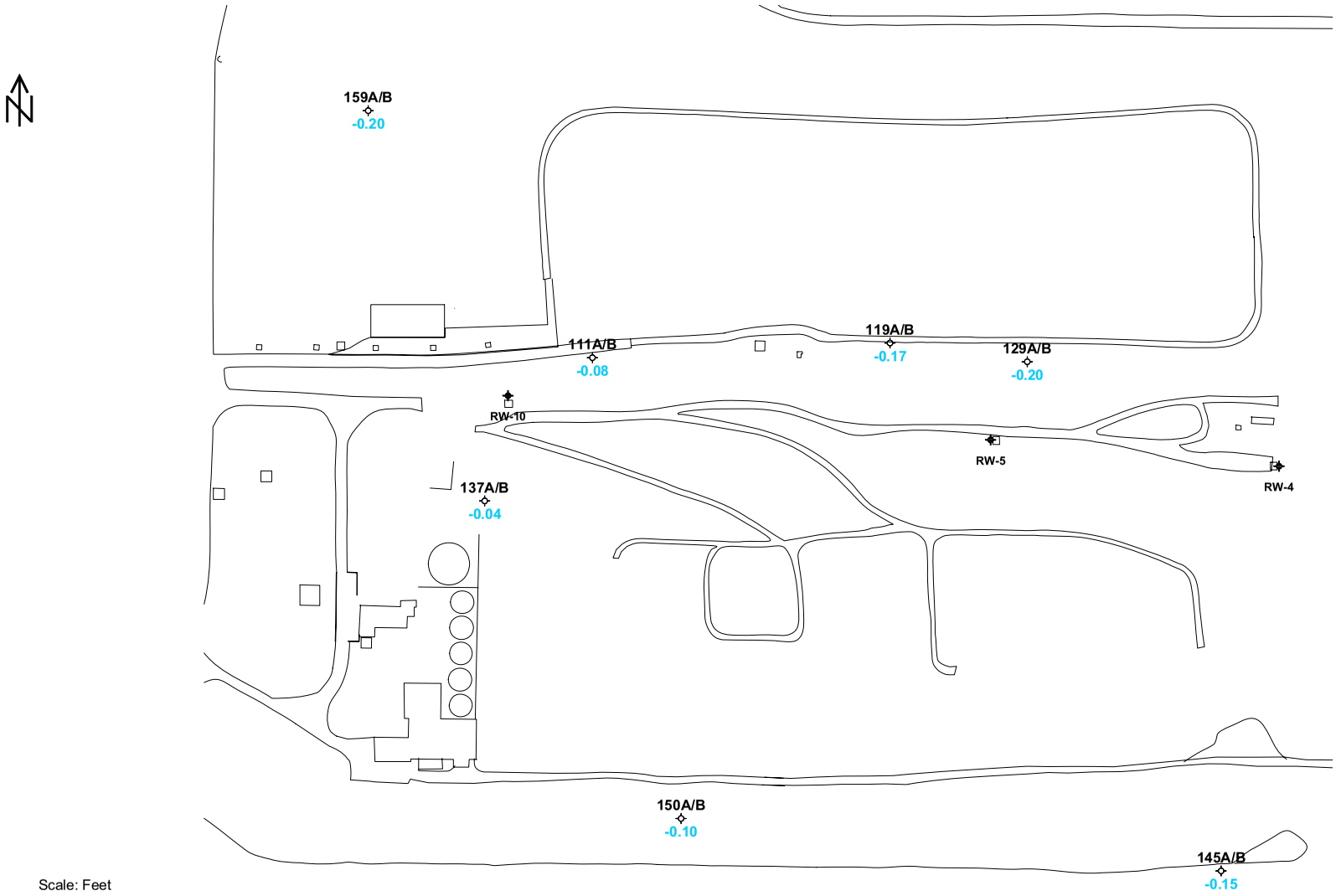
3B	Well ID		Potentiometric Contour		Source Area Delineation
	Monitoring Well		Structure		
	Pumping Well		Road		

Figure 4
Potentiometric Surface Map
DuPont Necco Park: A-Zone
May 15, 2008

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



Note: Negative values indicate downward gradients.

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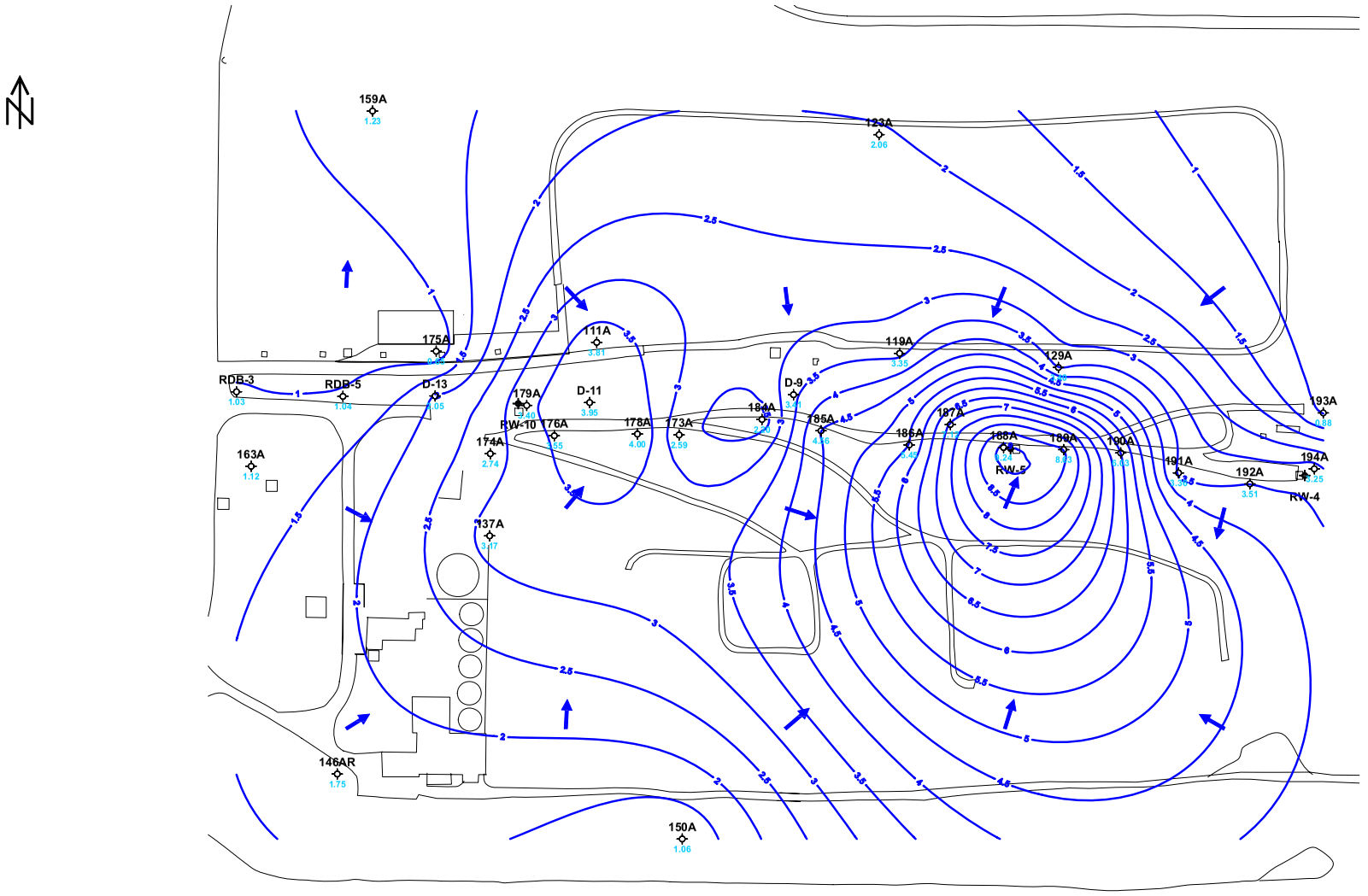
3B	Well ID		Potentiometric Contour
◇	Monitoring Well	▭	Structure
◆	Pumping Well		Road

Figure 5
Vertical Gradient: A-Zone to B-Zone
DuPont Necco Park
May 15, 2008

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



Scale: Feet

0 100 200 300 400

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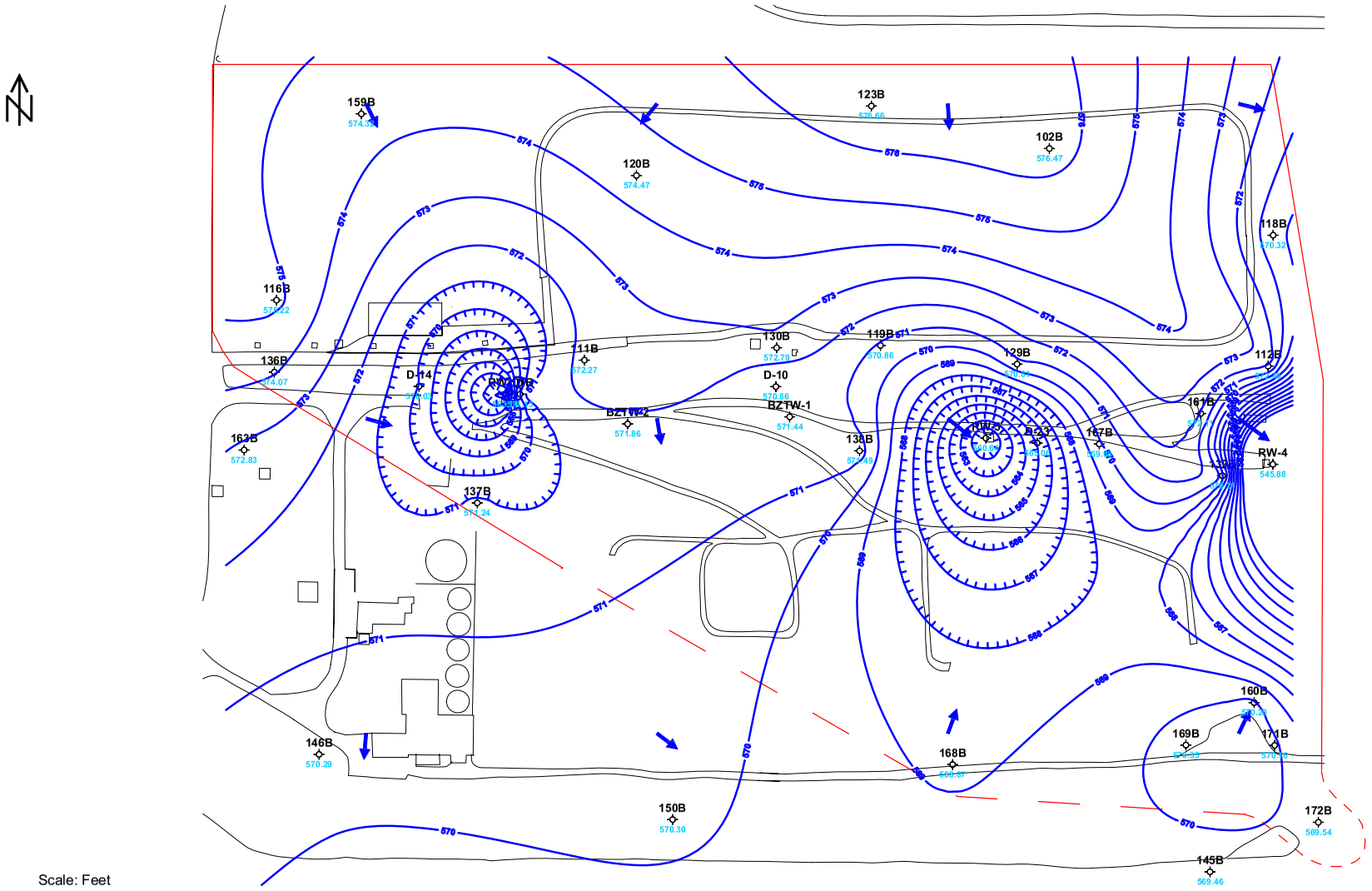
LEGEND

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 May 15, 2008

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



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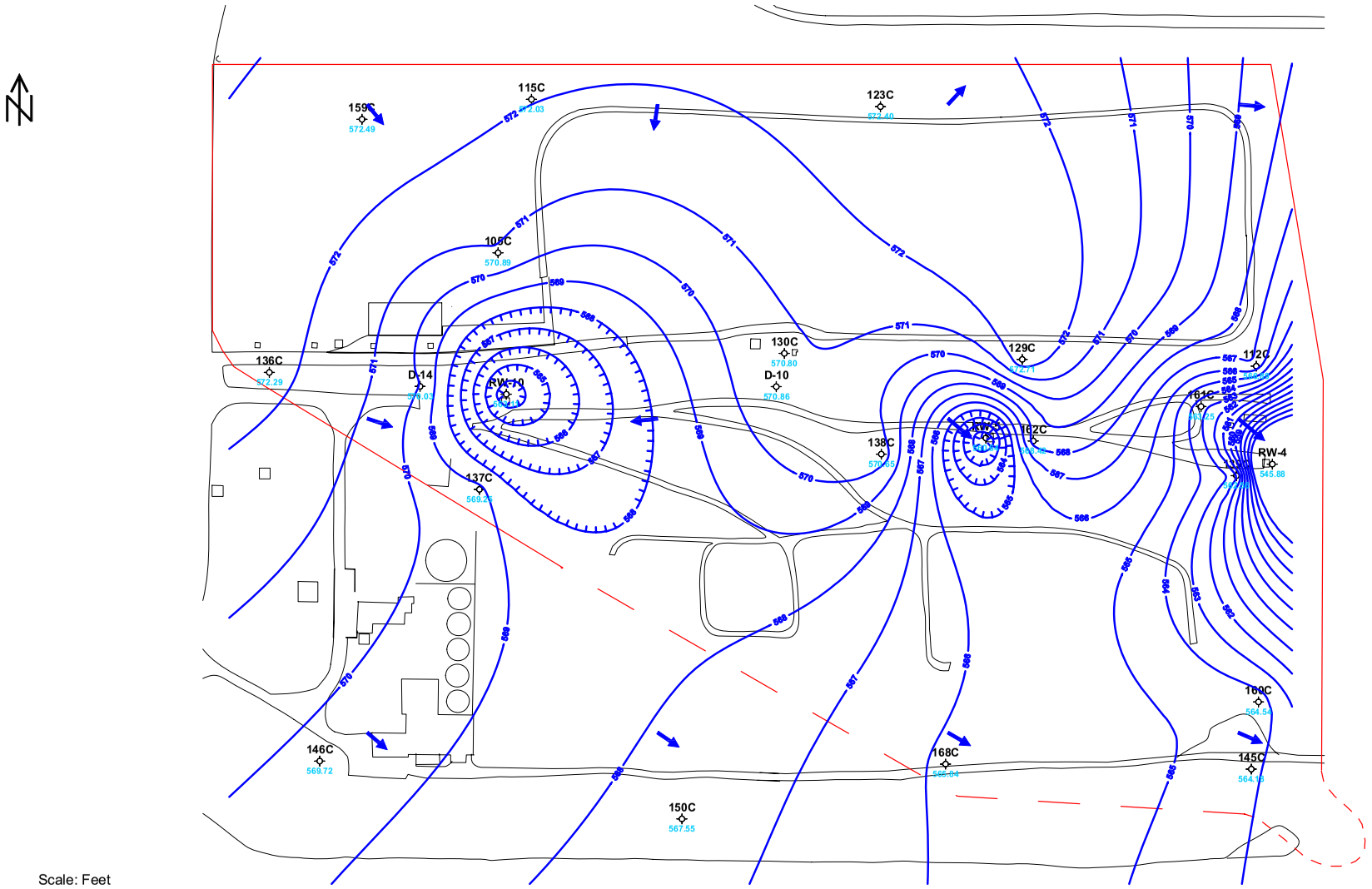
LEGEND

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

Figure 7
Potentiometric Surface Map
DuPont Necco Park: B-Zone
May 15, 2008

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



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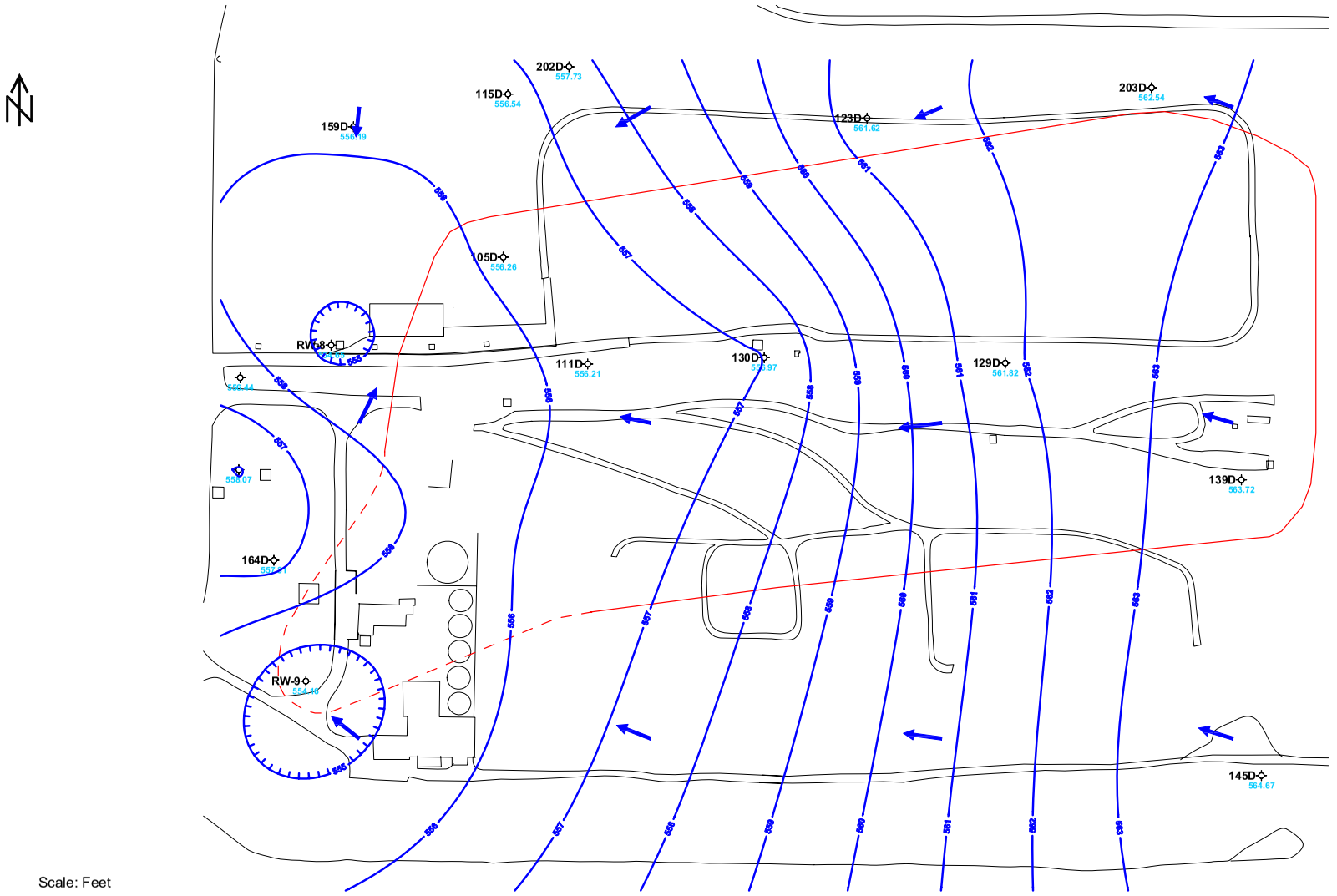
LEGEND

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

Figure 8
Potentiometric Surface Map
DuPont Necco Park: C-Zone
May 15, 2008

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



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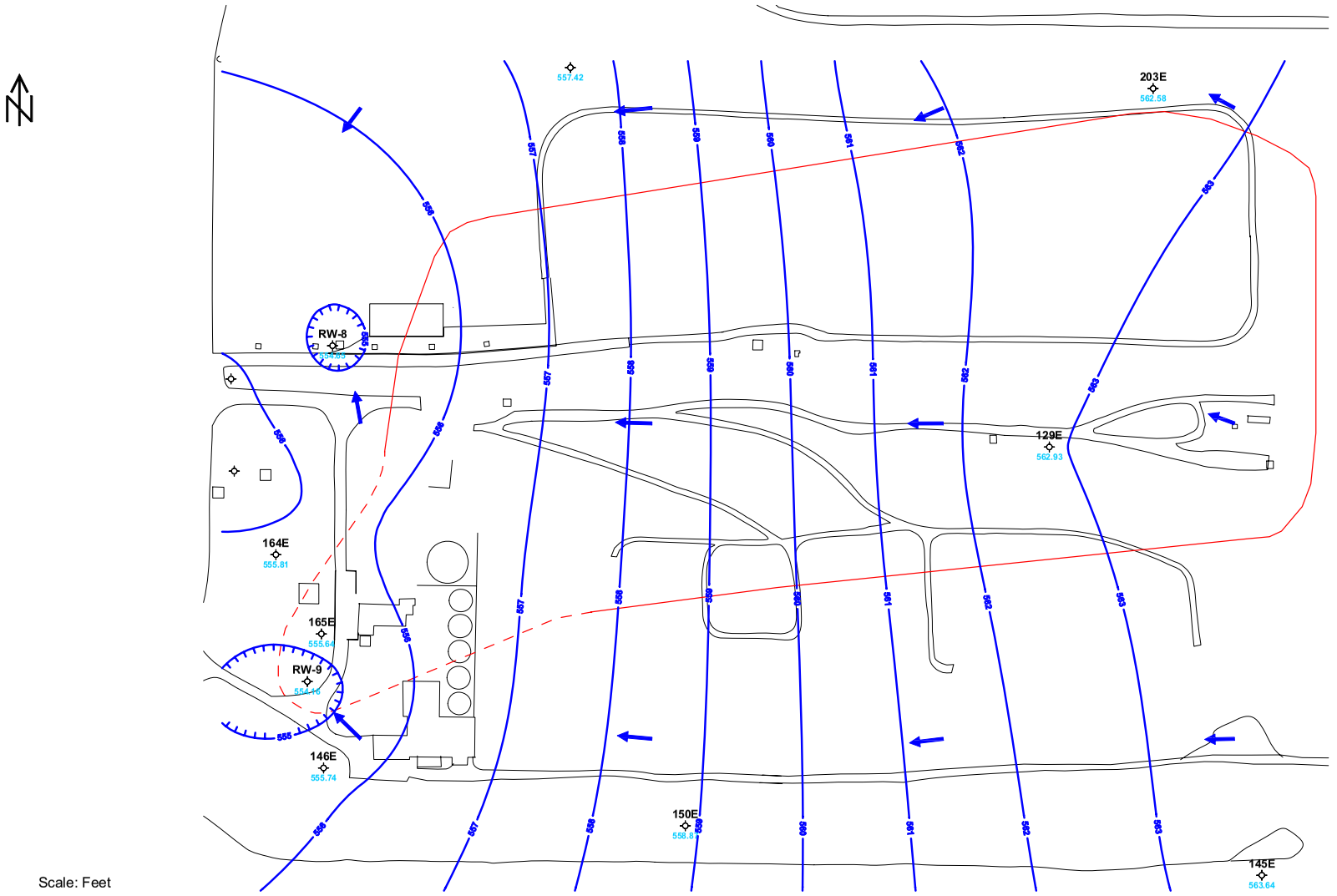
LEGEND

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

Figure 9
Potentiometric Surface Map
DuPont Necco Park: D-Zone
May 15, 2008

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



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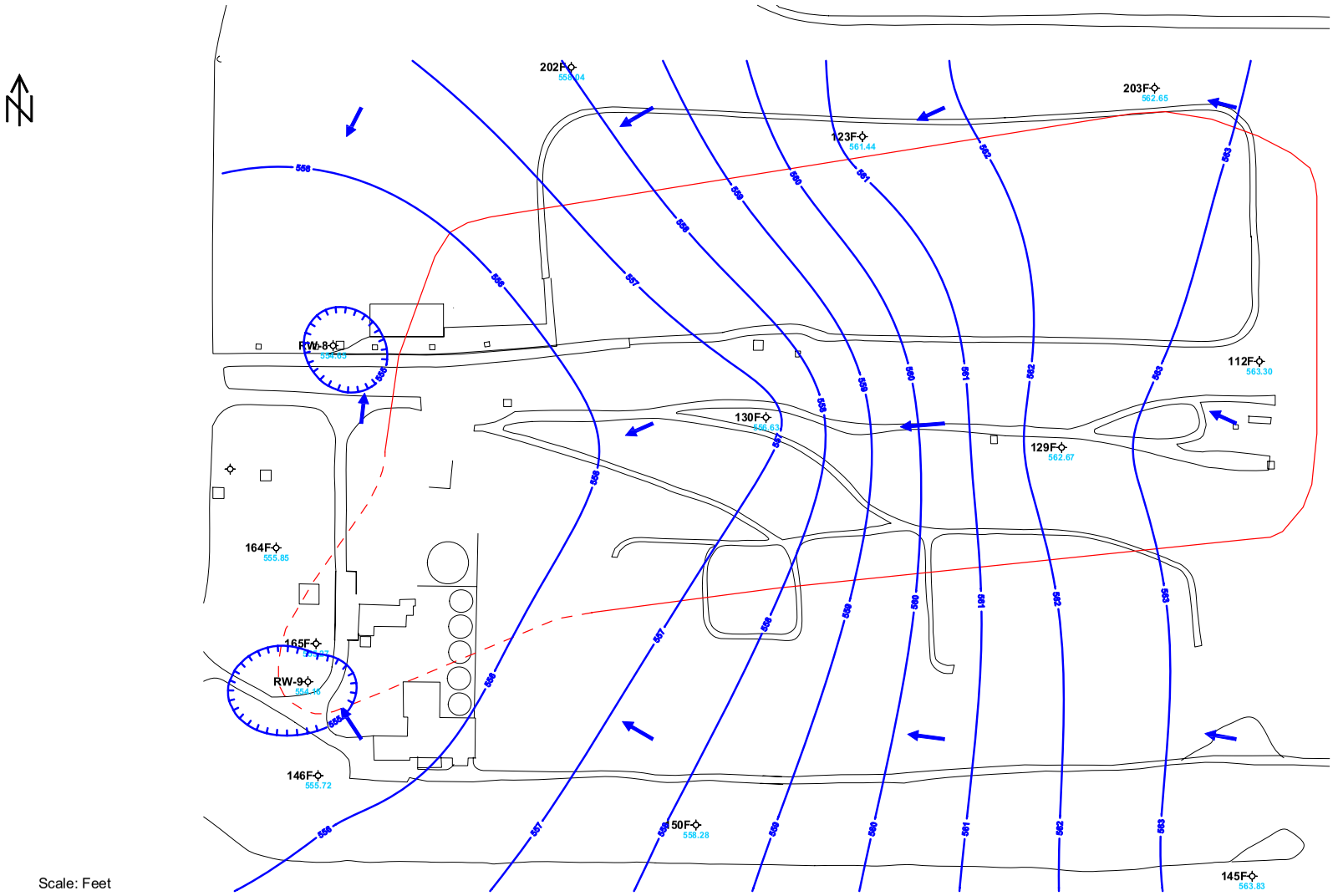
LEGEND

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

Figure 10
Potentiometric Surface Map
DuPont Necco Park: E-Zone
May 15, 2008

Necco Park/General Surfer Grid Files and Data/2007Q 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 11
Potentiometric Surface Map
DuPont Necco Park: F-Zone
May 15, 2008

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

APPENDICES

Appendix A

Groundwater Elevation Data

APPENDIX A
GROUNDWATER ELEVATION DATA
2Q08
DUPONT NECCO PARK

Location	Depth to Water	Casing Elevation	Groundwater Elevation	Date	Time	Comment
102B	22.54	599.01	576.47	5/15/2008	12:23	
105C	24.39	595.28	570.89	5/15/2008	11:27	
105D	38.51	594.77	556.26	5/15/2008	11:25	
111A	13.68	586.89	573.21	5/15/2008	11:52	
111B	12.67	584.94	572.27	5/15/2008	11:53	
111D	28.09	584.30	556.21	5/15/2008	11:54	
112B	9.44	581.90	572.46	5/15/2008	12:12	
112C	16.04	582.93	566.89	5/15/2008	12:13	
112F	19.99	583.29	563.30	5/15/2008	12:14	
115C	23.90	595.93	572.03	5/15/2008	11:28	
115D	40.08	596.62	556.54	5/15/2008	11:30	
116B	14.83	590.05	575.22	5/15/2008	11:48	
118B	13.58	583.90	570.32	5/15/2008	12:16	
119A	12.95	586.34	573.39	5/15/2008	12:00	
119AT	13.43	586.62	573.19	5/15/2008	12:01	
119B	15.91	586.77	570.86	5/15/2008	12:02	
120B	24.71	599.18	574.47	5/15/2008	12:32	
123A	21.59	597.93	576.34	5/15/2008	12:25	
123B	19.32	595.98	576.66	5/15/2008	12:27	
123C	23.02	595.42	572.40	5/15/2008	12:28	
123D	34.89	596.51	561.62	5/15/2008	12:29	
129A	11.58	584.80	573.22	5/15/2008	12:08	
129AT	11.70	584.94	573.24	5/15/2008	12:07	
129B	14.43	585.24	570.81	5/15/2008	12:06	
129C	12.97	585.68	572.71	5/15/2008	12:05	
129D	24.21	586.03	561.82	5/15/2008	12:04	
129E	17.95	580.88	562.93	5/15/2008	12:34	
129F	18.69	581.36	562.67	5/15/2008	12:35	
130B	12.84	585.63	572.79	5/15/2008	11:55	
130C	14.71	585.51	570.80	5/15/2008	11:56	
130D	27.99	584.96	556.97	5/15/2008	11:57	
130F	24.86	581.49	556.63	5/15/2008	12:08	
130G	23.42	580.79	557.37	5/15/2008	12:07	
131A	14.68	585.43	570.75	5/15/2008	12:10	
136B	7.62	581.69	574.07	5/15/2008	11:29	
136C	9.33	581.62	572.29	5/15/2008	11:28	
136D	23.24	579.68	556.44	5/15/2008	11:27	
136E	23.38	579.59	556.21	5/15/2008	11:26	
136F	24.33	580.33	556.00	5/15/2008	11:24	
136F	24.42	580.33	555.91	5/15/2008	12:57	
136G	18.87	579.76	560.89	5/15/2008	11:25	
137A	7.54	579.09	571.55	5/15/2008	11:45	
137B	7.07	578.31	571.24	5/15/2008	11:47	
137C	9.22	578.47	569.25	5/15/2008	11:48	
138B	12.49	583.98	571.49	5/15/2008	12:16	
138C	16.41	587.06	570.65	5/15/2008	12:17	
139B	15.18	585.39	570.21	5/15/2008	12:46	
139C	22.71	585.27	562.56	5/15/2008	12:47	
139D	21.77	585.49	563.72	5/15/2008	12:48	
140A	7.40	581.43	574.03	5/15/2008	12:17	
141G	25.52	582.53	557.01	5/15/2008	12:19	
142E	23.94	586.00	562.06	5/15/2008	12:39	
142F	23.81	585.69	561.88	5/15/2008	12:40	
143G	34.21	591.34	557.13	5/15/2008	11:40	
145A	3.69	575.84	572.15	5/15/2008	12:17	
145B	6.02	575.48	569.46	5/15/2008	12:20	
145C	11.72	575.90	564.18	5/15/2008	12:06	
145D	11.38	576.05	564.67	5/15/2008	12:07	
145E	12.34	575.98	563.64	5/15/2008	12:18	
145F	12.22	576.05	563.83	5/15/2008	12:19	
146AR	5.90	576.92	571.02	5/15/2008	11:48	
146B	6.61	576.90	570.29	5/15/2008	11:49	
146C	6.63	576.35	569.72	5/15/2008	11:50	
146E	20.34	576.08	555.74	5/15/2008	11:51	
146F	20.32	576.04	555.72	5/15/2008	11:52	

APPENDIX A
GROUNDWATER ELEVATION DATA
2Q08
DUPONT NECCO PARK

Location	Depth to Water	Casing Elevation	Groundwater Elevation	Date	Time	Comment
148D	8.35	576.38	568.03	5/15/2008	12:44	
148F	20.98	576.21	555.23	5/15/2008	12:45	
149B	3.88	572.87	568.99	5/15/2008	12:30	
149C	5.44	573.26	567.82	5/15/2008	12:32	
149D	15.61	572.86	557.25	5/15/2008	12:34	
150A	4.46	575.86	571.40	5/15/2008	12:10	
150B	5.69	575.99	570.30	5/15/2008	12:11	
150C	8.58	576.13	567.55	5/15/2008	12:12	
150E	17.28	576.15	558.87	5/15/2008	12:13	
150F	17.70	575.98	558.28	5/15/2008	12:14	
151B	6.93	573.36	566.43	5/15/2008	12:39	
151C	7.55	573.18	565.63	5/15/2008	12:40	
159A	18.29	596.16	577.87	5/15/2008	11:37	
159B	22.05	596.37	574.32	5/15/2008	11:36	
159C	24.87	597.36	572.49	5/15/2008	11:35	
159D	41.48	597.67	556.19	5/15/2008	11:34	
160B	12.55	582.75	570.20	5/15/2008	12:02	
160C	18.18	582.72	564.54	5/15/2008	12:03	
161B	10.73	582.84	572.11	5/15/2008	12:56	
161C	19.39	582.64	563.25	5/15/2008	12:55	
162C	12.58	581.00	568.42	5/15/2008	12:30	
163A	5.19	578.14	572.95	5/15/2008	11:43	
163B	5.11	577.94	572.83	5/15/2008	11:42	
163D	20.75	578.82	558.07	5/15/2008	11:39	
163E	22.58	579.06	556.48	5/15/2008	11:40	
163F	22.92	578.76	555.84	5/15/2008	11:41	
164D	20.11	577.42	557.31	5/15/2008	11:37	
164E	21.51	577.32	555.81	5/15/2008	11:36	
164F	21.42	577.27	555.85	5/15/2008	11:35	
165E	21.92	577.56	555.64	5/15/2008	11:45	
165F	22.45	577.72	555.27	5/15/2008	11:44	
167B	11.05	580.93	569.88	5/15/2008	12:39	
168B	10.03	578.90	568.87	5/15/2008	11:54	
168C	13.37	579.21	565.84	5/15/2008	11:55	
169B	10.08	580.43	570.35	5/15/2008	12:00	
171B	9.38	579.54	570.16	5/15/2008	12:04	
172B	7.41	576.95	569.54	5/15/2008	12:16	
173A	8.77	580.71	571.94	5/15/2008	12:03	
174A	5.84	577.62	571.78	5/15/2008	11:51	
175A	11.65	586.81	575.16	5/15/2008	11:51	
176A	8.12	580.03	571.91	5/15/2008	11:53	
178A	8.07	579.92	571.85	5/15/2008	12:01	
179A	7.21	579.01	571.80	5/15/2008	11:55	
180AT	7.28	579.47	572.19	5/15/2008	12:28	
184A	8.18	579.88	571.70	5/15/2008	12:06	
184AT	8.11	579.69	571.58	5/15/2008	12:05	
185A	8.93	580.84	571.91	5/15/2008	12:14	
185AT	9.20	580.69	571.49	5/15/2008	12:13	
186A	12.70	579.76	567.06	5/15/2008	12:19	
186AT	8.66	580.10	571.44	5/15/2008	12:18	
187A	13.30	579.94	566.64	5/15/2008	12:21	
187AT	7.65	579.30	571.65	5/15/2008	12:20	
188A	17.28	580.91	563.63	5/15/2008	12:24	
188AT	8.53	580.59	572.06	5/15/2008	12:23	
189A	14.81	579.82	565.01	5/15/2008	12:32	
189AT	8.32	580.40	572.08	5/15/2008	12:33	
190A	13.53	580.58	567.05	5/15/2008	12:38	
190AT	8.87	580.92	572.05	5/15/2008	12:37	
191A	10.21	580.62	570.41	5/15/2008	12:41	
191AT	8.93	581.06	572.13	5/15/2008	12:40	
192A	13.62	584.08	570.46	5/15/2008	12:43	
192AT	12.52	584.46	571.94	5/15/2008	12:42	
193A	11.90	584.13	572.23	5/15/2008	12:54	
193AT	7.08	583.09	576.01	5/15/2008	12:53	
194A	13.92	584.35	570.43	5/15/2008	12:51	

APPENDIX A
GROUNDWATER ELEVATION DATA
2Q08
DUPONT NECCO PARK

Location	Depth to Water	Casing Elevation	Groundwater Elevation	Date	Time	Comment
194AT	10.39	584.93	574.54	5/15/2008	12:52	
201B	8.12	579.25	571.13	5/15/2008	11:56	
202D	36.00	593.73	557.73	5/15/2008	1:21	
202E	36.31	593.73	557.42	5/15/2008	1:22	
202F	35.69	593.73	558.04	5/15/2008	1:23	
203D	31.32	593.86	562.54	5/15/2008	1:27	
203E	31.28	593.86	562.58	5/15/2008	1:28	
203F	31.21	593.86	562.65	5/15/2008	1:29	
BZTW-1	8.23	579.67	571.44	5/15/2008	12:12	
BZTW-2	7.52	579.38	571.86	5/15/2008	12:00	
D-10	9.16	580.02	570.86	5/15/2008	12:09	
D-11	6.25	578.07	571.82	5/15/2008	11:59	
D-13	6.33	579.07	572.74	5/15/2008	11:43	
D-14	8.98	579.01	570.03	5/15/2008	11:42	
D-23	15.49	580.55	565.06	5/15/2008	12:31	
D-9	8.10	580.15	572.05	5/15/2008	12:10	
RDB-3	5.28	579.31	574.03	5/15/2008	11:30	
RDB-5	5.22	578.57	573.35	5/15/2008	11:32	
RW-10	14.79	577.90	563.11	5/15/2008	11:54	
RW-4	35.64	581.52	545.88	5/15/2008	12:50	
RW-5	18.24	578.88	560.64	5/15/2008	12:25	

Appendix B

GWTF Process Sampling Results

Appendix B - 2Q08 Analytical Results
DuPont Necco Park

Analyte	Sample ID / Date	BC-INFLUENT 5/15/08	DEF-INFLUENT 5/15/08	COMB-EFFLUENT 5/15/08	FILTER-BLK 5/15/08	TBLK 5/15/08
Field Parameters						
COLOR QUALITATIVE (FIELD)	NS	grey	grey	grey	NS	NS
ODOR (FIELD)	NS	moderate	moderate	slight	NS	NS
PH (FIELD)	STD UNITS	5.43	7.14	6.99	NS	NS
REDOX (FIELD)	MV	-143	-246	-56	NS	NS
SPECIFIC CONDUCTANCE (FIELD)	UMHOS/CM	39790	4806	9213	NS	NS
TEMPERATURE (FIELD)	DEGREES C	12.5	12.8	13.9	NS	NS
TURBIDITY QUANTITATIVE (FIELD)	NTU	46.2	62.6	83.1	NS	NS
Volatile Organics						
1,1,2,2-TETRACHLOROETHANE	UG/L	6700	1700	1100 J	NS	<0.18
1,1,2-TRICHLOROETHANE	UG/L	2100	2700	880	NS	<0.27
1,1-DICHLOROETHENE	UG/L	400 J	410 J	<6.3	NS	<0.19
1,2-DICHLOROETHANE	UG/L	640 J	210 J	51	NS	<0.22
CARBON TETRACHLORIDE	UG/L	1600	1300	7.7 J	NS	<0.13
CHLOROFORM	UG/L	12000	4300	290	NS	<0.16
CIS-1,2 DICHLOROETHENE	UG/L	18000	13000	700	NS	<0.17
METHYLENE CHLORIDE	UG/L	4300	5900	570 J	NS	0.5 J
TETRACHLOROETHYLENE	UG/L	3300	1400	25 J	NS	<0.29
TRANS-1,2-DICHLOROETHENE	UG/L	1000	960	15 J	NS	<0.19
TRICHLOROETHENE	UG/L	12000	8400	180	NS	<0.17
VINYL CHLORIDE	UG/L	7300 J	3200 J	11 J	NS	<0.22
Semivolatile Organics						
2,4,5-TRICHLOROPHENOL	UG/L	<24	320	220	NS	NS
2,4,6-TRICHLOROPHENOL	UG/L	<35	160	110	NS	NS
3- AND 4- METHYLPHENOL	UG/L	320 J	21 J	52 J	NS	NS
HEXACHLOROBENZENE	UG/L	<1.6	<0.65	<0.65	NS	NS
HEXACHLOROBUTADIENE	UG/L	680	30 J	37 J	NS	NS
HEXACHLOROETHANE	UG/L	510 J	9.8 J	<5.8	NS	NS
PENTACHLOROPHENOL	UG/L	130 J	630	420 J	NS	NS
PHENOL	UG/L	230 J	60 J	64 J	NS	NS
TIC01	UG/L	2400 J	1100 J	1500 J	NS	NS
Inorganics						
BARIUM, DISSOLVED	UG/L	1230000	160 J	700	NS	NS
BARIUM, TOTAL	UG/L	1040000	95 J	47100	<0.67	NS
SULFATE	UG/L	13600 J	782000	453000	NS	NS
Total Volatiles		69340J	43480J	3829.7J	0	0.5J

< and ND = Non detect at stated reporting limit

APPENDIX A
GROUNDWATER ELEVATION DATA
2Q08
DUPONT NECCO PARK

Location	Depth to Water	Casing Elevation	Groundwater Elevation	Date	Time	Comment
102B	22.54	599.01	576.47	5/15/2008	12:23	
105C	24.39	595.28	570.89	5/15/2008	11:27	
105D	38.51	594.77	556.26	5/15/2008	11:25	
111A	13.68	586.89	573.21	5/15/2008	11:52	
111B	12.67	584.94	572.27	5/15/2008	11:53	
111D	28.09	584.30	556.21	5/15/2008	11:54	
112B	9.44	581.90	572.46	5/15/2008	12:12	
112C	16.04	582.93	566.89	5/15/2008	12:13	
112F	19.99	583.29	563.30	5/15/2008	12:14	
115C	23.90	595.93	572.03	5/15/2008	11:28	
115D	40.08	596.62	556.54	5/15/2008	11:30	
116B	14.83	590.05	575.22	5/15/2008	11:48	
118B	13.58	583.90	570.32	5/15/2008	12:16	
119A	12.95	586.34	573.39	5/15/2008	12:00	
119AT	13.43	586.62	573.19	5/15/2008	12:01	
119B	15.91	586.77	570.86	5/15/2008	12:02	
120B	24.71	599.18	574.47	5/15/2008	12:32	
123A	21.59	597.93	576.34	5/15/2008	12:25	
123B	19.32	595.98	576.66	5/15/2008	12:27	
123C	23.02	595.42	572.40	5/15/2008	12:28	
123D	34.89	596.51	561.62	5/15/2008	12:29	
129A	11.58	584.80	573.22	5/15/2008	12:08	
129AT	11.70	584.94	573.24	5/15/2008	12:07	
129B	14.43	585.24	570.81	5/15/2008	12:06	
129C	12.97	585.68	572.71	5/15/2008	12:05	
129D	24.21	586.03	561.82	5/15/2008	12:04	
129E	17.95	580.88	562.93	5/15/2008	12:34	
129F	18.69	581.36	562.67	5/15/2008	12:35	
130B	12.84	585.63	572.79	5/15/2008	11:55	
130C	14.71	585.51	570.80	5/15/2008	11:56	
130D	27.99	584.96	556.97	5/15/2008	11:57	
130F	24.86	581.49	556.63	5/15/2008	12:08	
130G	23.42	580.79	557.37	5/15/2008	12:07	
131A	14.68	585.43	570.75	5/15/2008	12:10	
136B	7.62	581.69	574.07	5/15/2008	11:29	
136C	9.33	581.62	572.29	5/15/2008	11:28	
136D	23.24	579.68	556.44	5/15/2008	11:27	
136E	23.38	579.59	556.21	5/15/2008	11:26	
136F	24.33	580.33	556.00	5/15/2008	11:24	
136F	24.42	580.33	555.91	5/15/2008	12:57	
136G	18.87	579.76	560.89	5/15/2008	11:25	
137A	7.54	579.09	571.55	5/15/2008	11:45	
137B	7.07	578.31	571.24	5/15/2008	11:47	
137C	9.22	578.47	569.25	5/15/2008	11:48	
138B	12.49	583.98	571.49	5/15/2008	12:16	
138C	16.41	587.06	570.65	5/15/2008	12:17	
139B	15.18	585.39	570.21	5/15/2008	12:46	
139C	22.71	585.27	562.56	5/15/2008	12:47	
139D	21.77	585.49	563.72	5/15/2008	12:48	
140A	7.40	581.43	574.03	5/15/2008	12:17	
141G	25.52	582.53	557.01	5/15/2008	12:19	
142E	23.94	586.00	562.06	5/15/2008	12:39	
142F	23.81	585.69	561.88	5/15/2008	12:40	
143G	34.21	591.34	557.13	5/15/2008	11:40	
145A	3.69	575.84	572.15	5/15/2008	12:17	
145B	6.02	575.48	569.46	5/15/2008	12:20	
145C	11.72	575.90	564.18	5/15/2008	12:06	
145D	11.38	576.05	564.67	5/15/2008	12:07	
145E	12.34	575.98	563.64	5/15/2008	12:18	
145F	12.22	576.05	563.83	5/15/2008	12:19	
146AR	5.90	576.92	571.02	5/15/2008	11:48	
146B	6.61	576.90	570.29	5/15/2008	11:49	
146C	6.63	576.35	569.72	5/15/2008	11:50	
146E	20.34	576.08	555.74	5/15/2008	11:51	
146F	20.32	576.04	555.72	5/15/2008	11:52	

APPENDIX A
GROUNDWATER ELEVATION DATA
2Q08
DUPONT NECCO PARK

Location	Depth to Water	Casing Elevation	Groundwater Elevation	Date	Time	Comment
148D	8.35	576.38	568.03	5/15/2008	12:44	
148F	20.98	576.21	555.23	5/15/2008	12:45	
149B	3.88	572.87	568.99	5/15/2008	12:30	
149C	5.44	573.26	567.82	5/15/2008	12:32	
149D	15.61	572.86	557.25	5/15/2008	12:34	
150A	4.46	575.86	571.40	5/15/2008	12:10	
150B	5.69	575.99	570.30	5/15/2008	12:11	
150C	8.58	576.13	567.55	5/15/2008	12:12	
150E	17.28	576.15	558.87	5/15/2008	12:13	
150F	17.70	575.98	558.28	5/15/2008	12:14	
151B	6.93	573.36	566.43	5/15/2008	12:39	
151C	7.55	573.18	565.63	5/15/2008	12:40	
159A	18.29	596.16	577.87	5/15/2008	11:37	
159B	22.05	596.37	574.32	5/15/2008	11:36	
159C	24.87	597.36	572.49	5/15/2008	11:35	
159D	41.48	597.67	556.19	5/15/2008	11:34	
160B	12.55	582.75	570.20	5/15/2008	12:02	
160C	18.18	582.72	564.54	5/15/2008	12:03	
161B	10.73	582.84	572.11	5/15/2008	12:56	
161C	19.39	582.64	563.25	5/15/2008	12:55	
162C	12.58	581.00	568.42	5/15/2008	12:30	
163A	5.19	578.14	572.95	5/15/2008	11:43	
163B	5.11	577.94	572.83	5/15/2008	11:42	
163D	20.75	578.82	558.07	5/15/2008	11:39	
163E	22.58	579.06	556.48	5/15/2008	11:40	
163F	22.92	578.76	555.84	5/15/2008	11:41	
164D	20.11	577.42	557.31	5/15/2008	11:37	
164E	21.51	577.32	555.81	5/15/2008	11:36	
164F	21.42	577.27	555.85	5/15/2008	11:35	
165E	21.92	577.56	555.64	5/15/2008	11:45	
165F	22.45	577.72	555.27	5/15/2008	11:44	
167B	11.05	580.93	569.88	5/15/2008	12:39	
168B	10.03	578.90	568.87	5/15/2008	11:54	
168C	13.37	579.21	565.84	5/15/2008	11:55	
169B	10.08	580.43	570.35	5/15/2008	12:00	
171B	9.38	579.54	570.16	5/15/2008	12:04	
172B	7.41	576.95	569.54	5/15/2008	12:16	
173A	8.77	580.71	571.94	5/15/2008	12:03	
174A	5.84	577.62	571.78	5/15/2008	11:51	
175A	11.65	586.81	575.16	5/15/2008	11:51	
176A	8.12	580.03	571.91	5/15/2008	11:53	
178A	8.07	579.92	571.85	5/15/2008	12:01	
179A	7.21	579.01	571.80	5/15/2008	11:55	
180AT	7.28	579.47	572.19	5/15/2008	12:28	
184A	8.18	579.88	571.70	5/15/2008	12:06	
184AT	8.11	579.69	571.58	5/15/2008	12:05	
185A	8.93	580.84	571.91	5/15/2008	12:14	
185AT	9.20	580.69	571.49	5/15/2008	12:13	
186A	12.70	579.76	567.06	5/15/2008	12:19	
186AT	8.66	580.10	571.44	5/15/2008	12:18	
187A	13.30	579.94	566.64	5/15/2008	12:21	
187AT	7.65	579.30	571.65	5/15/2008	12:20	
188A	17.28	580.91	563.63	5/15/2008	12:24	
188AT	8.53	580.59	572.06	5/15/2008	12:23	
189A	14.81	579.82	565.01	5/15/2008	12:32	
189AT	8.32	580.40	572.08	5/15/2008	12:33	
190A	13.53	580.58	567.05	5/15/2008	12:38	
190AT	8.87	580.92	572.05	5/15/2008	12:37	
191A	10.21	580.62	570.41	5/15/2008	12:41	
191AT	8.93	581.06	572.13	5/15/2008	12:40	
192A	13.62	584.08	570.46	5/15/2008	12:43	
192AT	12.52	584.46	571.94	5/15/2008	12:42	
193A	11.90	584.13	572.23	5/15/2008	12:54	
193AT	7.08	583.09	576.01	5/15/2008	12:53	
194A	13.92	584.35	570.43	5/15/2008	12:51	

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GROUNDWATER ELEVATION DATA
2Q08
DUPONT NECCO PARK

Location	Depth to Water	Casing Elevation	Groundwater Elevation	Date	Time	Comment
194AT	10.39	584.93	574.54	5/15/2008	12:52	
201B	8.12	579.25	571.13	5/15/2008	11:56	
202D	36.00	593.73	557.73	5/15/2008	1:21	
202E	36.31	593.73	557.42	5/15/2008	1:22	
202F	35.69	593.73	558.04	5/15/2008	1:23	
203D	31.32	593.86	562.54	5/15/2008	1:27	
203E	31.28	593.86	562.58	5/15/2008	1:28	
203F	31.21	593.86	562.65	5/15/2008	1:29	
BZTW-1	8.23	579.67	571.44	5/15/2008	12:12	
BZTW-2	7.52	579.38	571.86	5/15/2008	12:00	
D-10	9.16	580.02	570.86	5/15/2008	12:09	
D-11	6.25	578.07	571.82	5/15/2008	11:59	
D-13	6.33	579.07	572.74	5/15/2008	11:43	
D-14	8.98	579.01	570.03	5/15/2008	11:42	
D-23	15.49	580.55	565.06	5/15/2008	12:31	
D-9	8.10	580.15	572.05	5/15/2008	12:10	
RDB-3	5.28	579.31	574.03	5/15/2008	11:30	
RDB-5	5.22	578.57	573.35	5/15/2008	11:32	
RW-10	14.79	577.90	563.11	5/15/2008	11:54	
RW-4	35.64	581.52	545.88	5/15/2008	12:50	
RW-5	18.24	578.88	560.64	5/15/2008	12:25	