State of Rhode Island
Department of Administration / Division of Purchases
One Capitol Hill, Providence, Rhode Island 02908-5855
Tel: (401) 574-8100 Fax: (401) 574-8387

ADDENDUM # 1

BID # 7461265

BID TITLE: EAST PROVIDENCE FUEL DEPOT REMOVAL OF UNDERGROUND STORAGE TANKS AND WELLS

OPENING DATE AND TIME: 3/21/13 10:30

THIS ADDENDUM POSTS SIGN IN SHEET FROM MANDATORY PRE BID HELD 3/12/13.

THIS ADDENDUM POSTS THE MONITORING DATA FOR THE WELLS.

THIS ADDENDUM ANSWERS QUESTION AS TO EXISTING HEATING OIL TANK.

DOT HAS APPROVED THE OPTION REQUESTED TO TEMPORARILY MOVE THE EXISTING HEATING OIL TANK DURING EXCAVATION IF DEEMED NECESSARY. SHOULD THE CONTRACTOR OPT TO DO THIS, THEY ARE RESPONSIBLE FOR INSURING THE INTEGRITY OF THE TANK DURING MOVE, STORAGE AND RE-INSTALLATION. TANK WILL NOT HAVE TO BE CONNECTED IN TEMPORARY LOCATION.

STATE of RHODE ISLAND

DEPARTMENT of ADMINISTRATION
DIVISION of PURCHASES

MANDATORY PRE-BID CONFERENCE ATTENDANCE SHEET

EAST PROVIDENCE FUEL DEPOT REMOVAL OF UNDERGROUND STORAGE TANKS AND WELLS

BID #_7461265_ DATE 3/12/13

TIME STARTED _____ TIME ENDED _____

NAME	COMPANY NAME	EMAIL (OR PHONE)
DAVID PAUL	CARDNO - ATC	401 232 3353
PAUL D. HOGAN	Clean Harbors	HOGANP@cleanharbors.com
MARC ANTHONY	TANTARA CORP.	MANTHONY@TANTARACORP.com
Craig Bezarro	Clean Venture	CBEZARRO@CleanVenture.com
Derek Boggett	Green Env.	derekbo71@Gmail.com
Brian Fay	Environmental Restoration LLC	B.Fay@ERLLC.com
VINCENT JACQUES	BOCK AND CLARK ENV., LLC	VJACQUES@BOCKANDCLARK.com
Glen Daly	TMC Environmental	GDaly@tmcenvironmental.com
Bruce Sullivan	DEC-TAM corp	bsullivan@dectam.com

STATE of RHODE ISLAND

DEPARTMENT of ADMINISTRATION
DIVISION of PURCHASES

MANDATORY PRE-BID CONFERENCE ATTENDANCE SHEET

EAST PROVIDENCE FUEL DEPOT REMOVAL OF UNDERGROUND STORAGE TANKS AND WELLS

BID #_7461265_ **DATE 3/12/13**

TIME STARTED _____ **TIME ENDED** _____

NAME	COMPANY NAME	EMAIL (OR PHONE)
GARY KAUFMAN	Redwood Environmental	gKaufman@redwoodenv.com
JIM BELCASTRO	robert.fratus-@eganline.com EQ NORTHEAST INC	jim.belcastro@egonline.com
Paul Gill	Gill SERVICE INC	Paul@GillSERVICES.com
Sean Cathers	Western Oil Inc	Sean@westernoil.com
Michael Berube	D.O.A	
RAY GILL	DOA	

Table 1

Summary of Groundwater Analytical Results
East Providence RIDOT Facility
East Providence, Rhode Island

	Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene	n-Butylbenzene	sec-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methylene Chloride	n-Propylbenzene	Tetrachloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	MTBE
MW-1															
10/4/99	820	16990	2080	12900	–	–	–	–	–	–	–	–	–	–	–
4/2/01	1600	18000	1600	12800	510	<250	<250	<250	ND	ND	<250	<250	2500	600	<250
1/17/02	1500	5600	1000	7300	680	<100	<100	<100	ND	ND	130	<100	1700	390	<100
5/23/02	240	7100	1200	8100	520	<100	<100	<100	ND	ND	140	<100	1700	440	<100
10/4/02	1700	11000	1900	14900	670	<250	<250	<250	ND	ND	260	<250	2800	780	<250
5/20/03	1400	8400	2000	15,200	420	<250	<250	<250	ND	ND	260	<250	2,600	700	<250
8/19/03	1100	7200	1700	13,300	680	<250	<250	<250	ND	ND	<250	<250	2,600	680	<250
10/16/03	1900	8500	1600	13,500	570	<250	<250	<250	ND	ND	260	<250	3,400	890	<250
1/6/04	770	8500	1800	15,000	520	<250	<250	<250	ND	ND	<250	<250	3,000	750	<250
5/21/04	1400	11000	2100	18,000	1,000	<250	<250	890	ND	ND	<250	<250	3,400	890	<250
12/15/05	260	3,000	1,500	10,400	450	150	<100	120	<100	<500	270	<100	2,500	680	<200
3/14/06	1,300	11,000	2,000	17,800	790	190	<100	<100	<100	<500	190	<100	2,800	770	220
6/8/06	<100	570	870	6,900	440	130	<100	<100	<100	<500	270	<100	2,600	670	<200
9/7/06	1,200	18,000	12,000	18,000	950	210	<100	130	<100	<500	300	<100	3,400	900	<200
12/5/06	<100	1,100	660	3,880	280	<100	<100	<100	<100	<500	230	<100	1,900	510	<200
3/8/07	<100	2,600	2,200	26,400	920	250	<100	170	<100	<500	380	<100	4,000	1,100	<200
7/2/07	1,190	15,900	3,340	4,570	2,560	<5	19.7	145	14	<5	<500	<5	5,660	1,340	<5
9/21/07	1,000	12,000	2,000	16,100	930	120	<100	160	<100	<1000	400	<100	3,800	1,200	<200
12/12/07	100	2,500	2,000	5,400	440	65	<100	100	<100	<1000	240	<100	2,000	540	<200
3/31/08	<20	240	700	1,630	300	<20	<20	80	<20	<200	150	<20	750	150	<40
6/20/08	610	12,000	1,700	15,200	710	64	<20	97	<20	<200	200	<20	2,500	820	<40
9/17/08	830	18,000	1,800	19,400	980	<100	<100	120	<100	<1,000	210	<100	3,800	1,100	<200
12/12/08	<5.0	130	240	790	140	26	12.0	46	6.2	<50	120	<5.0	530	150	<10
3/27/09	370	9,300	1,600	15,700	810	79	18	120	16.0	<50	240	<5.0	3,000	990	11
6/9/09	340	7,100	710	9,300	<620	<120	<120	<120	<120	<750	120	<120	<620	680	<250
9/24/09	210	12,000	1,600	14,500	<620	<120	<120	<120	<120	<750	300	<120	4,200	1,000	<250
12/14/09	29	440	390	1,830	180	42	<25	66	<25	<150	190	<120	<120	1,200	<50
3/2/10	60	1,100	660	5,700	400	<25	<25	100	<25	<150	250	<120	2,700	720	<50
6/14/10	<120	560	1,200	6,700	<620	<120	<120	160	<120	<250	360	<120	3,000	860	<250
9/30/10	230	11,000	1,800	12,700	1,300	410	<100	450	<100	<100	<100	<100	3,600	920	<200
12/1/10	210	8,100	1,200	9,700	<500	<100	<100	<100	<100	<100	190	<100	2,300	590	<200
3/9/11	<100	4,200	810	7,600	<500	<100	<100	<100	<100	<100	190	<100	2,500	710	<200
6/7/11	<50	4,300	1,500	10,400	790	71	<50	140	<50	<300	350	<50	3,100	840	<100
9/14/11	82	2,900	850	6,100	440	77	<50	110	<50	<300	320	<50	2,900	840	<100
12/7/11	<50	2,600	840	5,000	420	<50	<50	130	77	<300	370	<50	3,200	9,000	<100
3/14/12	<50	2,000	1,500	9,900	670	<50	<50	170	<50	<300	420	<50	4,300	1,100	<100
6/8/12	<50	2,200	670	6,600	<250	<50	<50	57	<50	<300	120	<50	2,000	590	<100
9/19/12	99	11,000	1,600	15,300	890	<50	<50	110	<50	<300	270	<50	3,700	1,100	<100
12/26/12	<10	850	470	3,300	250	60	16	59	12	<60	170	<10	1,900	460	<20
GB Objective	140	1,700	1,600	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	150	No Objective	No Objective	5,000

Values are micrograms per liter.

Shaded value exceeds the Table 1 GB Objective of the Guidelines on the Management and Restoration of Groundwater in Urban Areas

Source of analytical data for the period of October 4, 1999 through May 21, 2004 is 'Groundwater Monitoring Report, prepared by Resource Control Associates, Inc., dated June 18, 2004

Table 1, continued

Summary of Groundwater Analytical Results
East Providence RIDOT Facility
East Providence, Rhode Island

	Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene	n-Butylbenzene	sec-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methylene Chloride	n-Propylbenzene	Tetrachloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	MTBE
MW-2															
10/4/99															
4/2/01	8	120	310	900	130	6	<5	22	ND	ND	45	<5	450	110	20
1/17/02	<25	1,500	1,300	4,500	780	<25	<25	71	ND	ND	140	<25	1,700	290	<25
5/23/02	<25	620	340	1,070	150	<25	<25	<25	ND	ND	36	<25	350	58	<25
10/4/02	<10	32	370	314	110	<10	<10	30	ND	ND	66	<10	400	64	<10
5/20/03	<10	200	400	680	160	<10	<10	22	ND	ND	47	<10	520	130	<10
8/19/03	Not Sampled														
10/16/03	<25	290	690	1,940	190	<25	<25	38	ND	ND	86	<25	780	160	<25
1/6/04	Not Sampled														
5/21/04	<10	57	170	264	150	<10	<10	39	ND	ND	38	<10	490	39	<10
12/15/05	<10	160	460	186	150	42	<10	42	<10	<50	92	<10	360	83	<20
3/14/06	<10	260	540	1,110	320	70	<10	50	<10	<50	100	<10	1,200	130	<20
6/8/06	<10	440	360	860	100	31	<10	22	<10	<50	47	<10	280	24	<20
9/7/06	<10	150	570	1,340	150	52	<10	43	<10	<50	88	<10	770	66	<20
12/5/06	<10	200	430	150	150	26	<10	39	<10	<50	68	<10	350	32	<20
3/8/07	<10	14	200	57	67	35	<10	36	<10	<50	74	<10	480	<10	<20
7/2/07	<5	456	792	555	417	<5	<5	54.4	<5	<5	118	<5	1,400	230	<5
9/21/07	<0.5	11	48	66	16	<0.5	<0.5	4.0	<0.5	<0.75	6	<0.5	<2.5	18	<1
12/12/07	0.94	<100	<100	<400	>100	7.5	6.1	53.0	1.6	<5	90	<5	>100	77	<5
3/31/08	12	180	270	850	200	13	7.4	71	4.4	<5	110	<0.5	340	120	11
6/20/08	0.53	7.5	78	27	14	2.9	3.1	12	<0.5	<5	20	<0.5	45	3.6	<1
9/17/08	<1.2	56.0	750	950	420	10.0	4.8	82	<1.2	<12	130	<1.2	1,500	140.0	<2.5
12/12/08	<5.0	5.8	52	32	21	1.6	1.3	7.4	<0.5	<5.0	14	<0.50	62	3.1	<1.0
GB Objective	140	1,700	1,600	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	150	No Objective	No Objective	5,000

Values are micrograms per liter.

Shaded value exceeds the Table 1 GB Objective of the Guidelines on the Management and Restoration of Groundwater in Urban Areas

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Table 1, continued

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East Providence RIDOT Facility
East Providence, Rhode Island

	Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene	n-Butylbenzene	sec-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methylene Chloride	n-Propylbenzene	Tetrachloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	MTBE
MW-3															
10/4/99															
4/2/01	<25	<25	170	758	160	50	<25	57	ND	ND	170	<25	1,200	320	<25
1/17/02	<1	<1	<1	2	2	1	<1	<1	ND	ND	2	<1	7	2	12
5/23/02	4	<0.5	1	2	0.9	2	5	5	ND	ND	5	<0.5	8	3	<0.5
10/4/02	1	<0.5	<0.5	0.5	<0.5	<0.5	0.7	0.7	ND	ND	1	<0.5	2	<0.5	<0.5
5/20/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	0.7	ND	ND	0.7	<0.5	0.9	<0.5	<0.5
8/19/03	Not Sampled														
10/16/03	<0.5	<0.5	<0.5	0.7	3	<0.5	1	0.8	ND	ND	0.7	<0.5	0.6	<0.5	<0.5
1/6/04	Not Sampled														
5/21/04	<5	<5	34	155	40	<5	<5	66	ND	ND	34	<5	260	66	<5
12/15/05	<1	<1	10	20	5	4	2	6	1	<5	14	<1	53	9	<2
3/14/06	<1	<1	<1	<2	2	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
6/8/06	<1	<1	4	10	4	5	<1	5	1	<5	14	<1	70	13	<2
9/7/06	<1	<1	88	293	62	51	<1	51	8	<5	140	<1	760	180	<2
12/5/06	<10	<10	14	34	<10	<10	<10	11	<10	<50	29	<10	140	27	<20
3/8/07	<1	<1	3	6	2	3	2	5	<1	<5	16	<1	68	11	<2
7/2/07	<5	<5	23.2	95.6	25.6	10.5	<5	12.1	<5	<5	34.3	<5	302	34.1	<5
9/21/07	<0.5	<0.75	92.0	353	81	36.0	11	61.0	6	<0.5	96.0	<0.5	760	200.0	<1
12/12/07	<.75	<0.75	<5	10.6	3.2	0.95	1.7	2.8	<5	<0.5	6.4	<0.5	37	9.3	<1
3/31/08	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<2.5	<2.5	<1
6/20/08	<0.5	<0.75	0.90	<2	<2.5	3.4	2.6	3.9	<0.5	<5	14	<0.5	28	13	<1
9/17/08	<0.5	<0.75	<0.5	<2	<2.5	0.77	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<2.5	<2.5	<1
12/12/08	<0.5	<0.75	1.4	2.9	<2.5	1.60	1.4	2.1	<0.5	<5.0	6.5	<0.5	23	<2.5	<1
3/27/09	<0.5	<0.75	<0.5	1.5	<2.5	<0.5	<0.5	0.52	<0.5	<5.0	1.5	<0.5	9.7	3.7	<1
6/9/09	<0.5	<0.75	<0.5	<2.0	<2.5	<0.5	<0.5	0.55	<0.5	<5.0	1.1	<0.5	<2.5	<2.5	<1
9/24/09	<1.0	<1.5	13.0	25	7.3	4.7	<1.0	6.0	<1.0	<10	19	<1.0	81	8.7	<2
12/14/09	<.5	<.75	<.5	<2.0	<2.5	<0.5	<1.0	<1.0	<1.0	<3	0.59	<0.5	2.9	<2.5	<2.5
3/2/10	<.5	<.75	0.62	1.0	<2.5	<0.5	<1.0	0.50	<1.0	<3	1.4	<0.5	5.8	<2.5	<2.5
9/30/10	<1.0	<1.5	9.60	30.0	11	6.6	6.4	8.4	5.1	<6.0	19	<1.0	64	7.7	<2.0
12/1/10	<1.0	<1.5	<0.50	<2.0	<2.5	<0.50	<0.50	<0.50	<0.50	<6.0	<0.50	<1.0	<2.5	<2.5	<2.0
9/14/11	<0.5	<0.75	<0.50	<2.0	<2.5	<0.5	<1.0	0.50	<1.0	<3.0	<0.50	<0.5	<2.5	<2.5	<1.0
12/7/11	<0.5	<0.75	1.50	<2.0	<2.5	<0.5	<1.0	1.0	<1.0	<3.0	2.8	<0.5	9.8	<2.5	<1.0
3/14/12	<0.5	<0.75	<0.50	<2.0	<2.5	<0.5	<1.0	<0.50	<1.0	<3.0	<0.50	<0.5	<2.5	<2.5	<1.0
6/8/12	<0.5	<0.75	<0.50	<2.0	<2.5	<0.5	1.0	<0.50	<1.0	<3.0	<0.50	<0.5	<2.5	<2.5	<1.0
9/19/12	<0.5	<0.75	9.5	16	5.9	5.2	5.7	9.4	<1.0	<3.0	30	<0.5	97	11	<1.0
12/26/12	<1.0	<1.5	<0.50	<2.0	<2.5	<0.50	<0.50	<0.50	<0.50	<6.0	<0.50	<1.0	<2.5	<2.5	<2.0
MW-4															
10/4/99															
4/2/01															
1/17/02	<5	<5	73	490	180	13	<5	26	ND	ND	69	<5	450	110	<5
5/23/02	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<0.5	<0.5	1
10/4/02	<0.5	<0.5	0.5	8	15	5	3	10	ND	ND	9	<0.5	1	<0.5	<0.5
5/20/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<0.5	<0.5	<0.5
8/19/03	Not Sampled														
10/16/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<0.5	<0.5	<0.5
1/6/04	Not Sampled														
5/21/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/05	<1	<1	<1	<2	1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
3/14/06	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
6/8/06	<1	<1	<1	<2	1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
9/7/06	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
12/5/06	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
3/8/07	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
7/2/07	<5	<5	<5	<5	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
9/21/07	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	3.4	<2.5	<1
12/12/07	<0.5	<0.75	<0.5	<2	<2.5	<0.5	0.63	<0.5	<0.5	<5	<0.5	<0.5	<5	<2.5	<1
3/31/08	2.4	0.96	30	9.1	<2.5	1.7	2.1	8.4	<0.5	<5	12	<0.5	3.8	<2.5	1.7
6/20/08	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<2.5	<1
9/17/08	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<2.5	<1
12/12/08	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<0.5	<2.5	<1
GB Objective	140	1,700	1,600	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	150	No Objective	No Objective	5,000

Values are micrograms per liter.

Shaded value exceeds the Table 1 GB Objective of the Guidelines on the Management and Restoration of Groundwater in Urban Areas

Source of analytical data for the period of October 4, 1999 through May 21, 2004 is 'Groundwater Monitoring Report, prepared by Resource Control Associates, Inc., dated June 18, 2004

Table 1, continued

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East Providence, Rhode Island

	Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene	n-Butylbenzene	sec-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methylene Chloride	n-Propylbenzene	Tetrachloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	MTBE
MW-5															
10/4/99															
4/2/01															
1/17/02	<50	740	1,400	9,500	1,000	56	<50	110	ND	ND	290	<50	2,700	760	<50
5/23/02	<25	1,000	770	3,800	310	<25	<25	56	ND	ND	130	<25	1,000	340	<25
10/4/02	<50	770	3,700	9,700	670	<50	<50	140	ND	ND	350	<50	2,700	860	<50
5/20/03	<50	1500	1200	7100	310	<50	<50	72	ND	ND	180	<50	1900	580	<50
8/19/03	<25	780	680	3800	340	<25	<25	39	ND	ND	92	<25	890	270	<25
10/16/03	<50	860	990	5800	260	<50	<50	61	ND	ND	170	<50	1500	450	<50
1/6/04	<25	650	760	5300	310	<25	<25	46	ND	ND	120	<25	1400	440	<25
5/21/04	<10	310	340	2160	140	<10	<10	210	ND	ND	76	<10	690	210	<10
12/15/05	2	<1	1,000	6,800	530	99	13	79	8	7	170	880	1,700	550	<2
3/14/06	<1	56	<1	460	33	9	<1	3	1	<5	5	<1	190	78	<2
6/8/06	<1	800	690	4,400	240	70	<1	62	7	<5	160	<1	1,000	340	<2
9/7/06	<100	740	1,200	8,300	410	110	<100	<100	<100	<500	210	<100	1,800	560	<200
12/5/06	<100	1,100	820	5,200	210	<100	<100	<100	<100	<500	160	<100	1,300	410	<200
3/8/07	<100	340	490	3,300	220	<100	<100	<100	<100	<500	110	<100	1,200	430	<200
7/2/07	<5	1,010	1,420	3,210	921	<5	17.6	99.1	11.6	<5	242	<5	2,540	713	<5
9/21/07	<50	980	2,200	14,300	690	100	<50	140	<50	<500	400	<50	3,200	1,200	<100
12/12/08	<50	410	1,600	10,100	780	83	<50	170	<50	<500	410	<50	3,400	1,100	<100
3/31/08	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<2.5	<2.5	<1
6/20/08	<12	280	520	2,310	190	14	<12	39	<12	<120	86	<12	710	190	<25
9/17/08	<10	360	850	5,100	540	45	14	82	<10	<100	180	<10	1,600	500	<20
12/12/08	<25	700	1,300	7,300	710	52	<25	99	<25	<250	230	<25	2,000	700	<50
3/27/09	<1.9	11	6.0	128	16	1.9	<1.2	<1.2	<1.2	<1.9	<1.2	<1.2	17	24	<2.5
6/9/09	<1.2	160	320.0	1,410	130	6.5	2	41	1.2	<1.9	76	<1.2	680	180	<2.5
9/24/09	<50	540	1,200.0	7,800	350	<50	<50	53	<50	<300	200	<50	1,900	530	<100
12/14/09	<5.0	75	95	770	120	8.7	<5.0	7	<5.0	<30	11	<5.0	400	120	<10
3/2/10	<5.0	90	55	940	68	<5.0	<5.0	6.2	<5.0	<30	8.9	<5.0	310	110	<10
6/14/10	<0.50	1.0	0.91	64	22	1.3	0.96	6.8	<0.5	<3.0	1.6	<0.5	22	9.7	<1.0
9/30/10	<2.0	630	1,800	11,600	900	57	<2.0	120	18	<12	260	<2.0	2,600	800	<4.0
12/1/10	<50	520	1,500	9,900	560	64	<50	110	<50	<300	270	<50	2,700	880	<100
3/9/11	<5.0	38	100	730	49	15	<5.0	12.0	<5.0	<30	33.0	<5.0	370	30	<10
6/7/11	<5.0	220	480	1,370	280	16	<5.0	42.0	<5.0	<30	100	<5.0	840	240	<10
9/14/11	<12	76	<12	2,270	230	13	<12	14	<12	<75	15.0	<12	690	220	<25
12/7/11	<2.5	11	15	<5.0	24	<2.5	<2.5	<2.5	3.8	<15	5.6	<2.5	120	48	<5.0
3/14/12	<2.5	180	280	1,910	180	22	4	16	5.1	<15	29.0	<2.5	930	230	<5.0
6/8/12	<0.50	<0.75	2.3	10.8	<2.5	<0.50	<0.50	<0.50	<0.50	<3.0	0.86	<0.50	<2.5	<2.5	<1.0
9/19/12	<0.50	89	160	990	240	15	5.0	14	3.3	<3.0	37	<0.50	300	97	<1.0
12/26/12	<5.0	360	1,100	7,600	690	70	29.0	89	62.0	<30	210	<5.0	2,200	790	<10
GB Objective	140	1,700	1,600	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	150	No Objective	No Objective	5,000

Values are micrograms per liter.

Shaded value exceeds the Table 1 GB Objective of the Guidelines on the Management and Restoration of Groundwater in Urban Areas

Source of analytical data for the period of October 4, 1999 through May 21, 2004 is 'Groundwater Monitoring Report, prepared by Resource Control Associates, Inc., dated June 18, 2004

Table 1, continued

Summary of Groundwater Analytical Results
East Providence RIDOT Facility
East Providence, Rhode Island

	Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene	n-Butylbenzene	sec-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methylene Chloride	n-Propylbenzene	Tetrachloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	MTBE
MW-6															
10/4/99															
4/2/01															
1/17/02	3,700	10,000	1,600	10,610	870	<250	<250	<250	ND	ND	<250	<250	2,400	600	680
5/23/02	3,100	13,000	2,000	12,000	850	<250	<250	<250	ND	ND	<250	<250	2,600	690	470
10/4/02	4,100	12,000	1,800	11,800	630	<250	<250	<250	ND	ND	<250	<250	2,800	760	390
5/20/03	3,600	7,700	1,300	7,300	280	<250	<250	<250	ND	ND	<250	<250	1,800	490	1,400
8/19/03	2,500	9,700	3,100	19,000	990	<250	<250	<250	ND	ND	590	<250	5,300	1,400	560
10/16/03	2,200	7,000	2,000	11,400	610	<100	<100	110	ND	ND	290	<100	3,100	840	<100
1/6/04	1,600	7,000	2,000	13,100	660	<250	<250	<250	ND	ND	260	<250	3,100	830	<250
5/21/04	2,000	9,500	2,100	13,600	870	<250	<250	710	ND	ND	260	<250	2,800	710	540
12/15/05	1,200	4,800	1,300	8,600	520	120	<10	120	10	<50	280	<10	2,600	660	430
3/14/06	750	10,000	2,300	15,900	670	150	<100	120	<100	<500	250	<100	2,600	700	480
6/8/06	810	4,900	2,400	16,400	3,100	220	<100	150	<100	<500	340	<100	3,300	910	220
9/7/06	740	3,500	2,000	13,600	600	140	<100	110	<100	<500	250	<100	2,600	660	230
12/5/06	810	3,700	1,600	9,800	640	100	<100	110	<100	<500	260	<100	2,400	630	220
3/8/07	500	7,000	2,700	16,700	790	160	<100	150	<100	<500	360	<100	3,200	860	<200
7/2/07	1,390	5,070	3,100	4,520	1,630	61.7	14.2	<5	<5	<5	356	<5	3,960	920	<5
9/21/07	1,100	7,700	2,500	15,400	790	68.0	<50	160	<50	<500	370	<50	3,800	1,100	120
12/12/07	980	10,000	2,100	14,800	880	66.0	<50	140	<50	<500	300	<50	3,300	930	<500
3/31/08	<10	<15	<10	21	160	12.0	<10	<10	<10	<100	<10	<10	<50	<50	<20
6/20/08	640	4,000	2,500	12,100	680	57.0	16.0	170	12	<100	350	<10	2,600	790	110
9/17/08	870	1,900	2,100	13,200	1,200	<100	<100	160	<100	<1,000	300	<100	3,000	810	<500
12/12/08	340	1,600	1,600	9,200	950	<100	<100	130	<100	<1,000	340	<100	3,000	870	<200
3/27/09	530	2,200	2,400	16,200	850	62	<50	160	<50	<500	390	<50	3,400	930	<100
6/9/09	810	1,900	2,500	14,800	840	<100	<100	150	<100	<500	370	<100	<500	890	<200
9/24/09	820	1,100	1,400	8,700	570	<100	<100	<100	<100	<500	290	<100	3,200	780	<200
12/14/09	280	1,200	1,600	9,000	640	<100	<100	130	<100	<600	340	<100	3,000	840	<200
3/2/10	260	1,800	1,800	11,900	680	<100	<100	120	<100	<600	320	<100	2,900	770	<200
6/14/10	580	690	1,600	8,400	530	<100	<100	130	<100	<600	320	<100	2,800	770	<200
9/30/10	520	4,400	1,700	10,500	1,200	400	<100	440	<100	<600	550	<100	3,300	830	<200
12/1/10	380	8,900	2,200	15,600	900	<100	<100	130	<100	<600	330	<100	3,700	1,000	<200
3/9/11	200	360	1,200	6,700	<500	<100	<100	120	<100	<600	370	<100	3,200	880	<200
6/7/11	<50	280	1,700	10,400	800	73	<50	140	<50	<300	370	<50	3,200	870	<100
9/14/11	510	970	910	5,500	580	<100	<100	<100	<100	<600	240	<100	2,400	620	<200
12/7/11	180	430	1,200	6,700	430	<50	<50	130	57	<300	380	<50	3,000	840	<100
3/14/12	180	460	1,600	9,700	<120	70	<50	150	<25	<300	390	<25	3,500	930	<100
6/8/12	230	620	1,300	7,400	680	42	<25	190	60	<150	500	<25	4,700	1,200	<50
9/19/12	150	940	380	3,020	330	34	<25	30	<25	<150	86	<25	930	260	<50
12/26/12	170	1,000	1,300	6,100	690	86	32	120	48	<75	320	<12	2,900	830	<25
GB Objective	140	1,700	1,600	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	150	No Objective	No Objective	5,000

Values are micrograms per liter.

Shaded value exceeds the Table 1 GB Objective of the Guidelines on the Management and Restoration of Groundwater in Urban Areas

Source of analytical data for the period of October 4, 1999 through May 21, 2004 is 'Groundwater Monitoring Report, prepared by Resource Control Associates, Inc., dated June 18, 2004

Table 1, continued

Summary of Groundwater Analytical Results
East Providence RIDOT Facility
East Providence, Rhode Island

	Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene	n-Butylbenzene	sec-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methylene Chloride	n-Propylbenzene	Tetrachloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	MTBE
MW-7															
1/17/02	2,100	110	1,300	8,160	830	<50	<50	110	ND	ND	250	<50	1,900	480	250
5/23/02	2,200	26	360	1,857	320	<25	<25	30	ND	ND	54	<25	570	140	220
10/4/02	1,670	240	1,500	7,500	610	<50	<50	150	ND	ND	350	<50	2,100	610	620
5/20/03	110	28	550	2,094	170	<25	<25	56	ND	ND	120	<25	620	190	<25
8/19/03	240	<50	1,400	5,800	560	<50	<50	100	ND	ND	230	<50	1,700	460	<50
10/16/03	150	<25	1,000	3,800	240	<25	<25	75	ND	ND	180	<25	1,000	280	<25
1/6/04	120	<50	830	3,700	370	<50	<50	79	ND	ND	200	<50	1,300	330	850
5/21/04	59	110	540	2,200	230	<25	<25	200	ND	ND	160	<25	890	200	720
12/15/05	<100	<100	220	<200	770	<100	<100	<100	ND	ND	110	<100	310	<100	210
3/14/06	77	4	15	19	24	14	<1	11	1	<5	26	<1	53	<1	110
6/8/06	24	2	2	6	6	10	2	10	1	<5	26	<1	4	<1	20
9/7/06	34	2	2	6	3	9	2	10	<1	<5	24	<1	5	<1	20
12/5/06	17	2	24	2	2	15	3	27	2	<5	56	<1	6	<1	16
3/8/07	11	29	50	240	30	26	6	43	3	<5	100	<1	260	24	13
7/2/07	9.01	<5	<5	<5	<20	<5	<5	<5	<5	<5	9.81	<5	<5	<5	<5
9/21/07	21	11	84	110	28	<5	<5	18	<5	<50	40.00	<5	78	<25	19
12/12/08	90	35	810	>2000	370	22	8	110	<50	<50	220	<50	>1,000	400	<50
3/31/08	<25	<38	<25	<100	1,800	68	<25	<25	<25	<250	<25	<25	<120	<120	<50
6/20/08	96	9	190	34	12	2.5	3.5	29	<0.5	<5	55	<0.5	34	<2.5	56
9/17/08	110	<3.8	12	6.1	<12	<2.5	<2.5	4.4	<2.5	<25	8.2	<2.5	<12	<12	<5.0
12/12/08	7.6	<3.0	3.6	<8.0	<10	<2.0	2.6	12.0	<2.0	<20	23	<2.0	<10	<10	14
3/27/09	5.5	<3.0	2.5	<8.0	<10	3.4	5.2	19.0	<2.0	<20	36	<2.0	13	<10	10
6/9/09	48	1.4	2.5	<2	<2.5	0.90	1.7	3.9	<0.5	<3.0	5.6	<0.5	<2.5	<2.5	28
9/24/09	61	16	500	1,400	210	10	<5.0	55	<5.0	<30	130	<5.0	1,000	170	21
12/14/09	20	<0.75	2	1.2	<2.5	<0.5	<0.5	1.0	<0.5	<3.0	1.2	<0.5	<2.5	<2.5	37
3/2/10	24	<0.75	0.66	<2.0	<2.5	<0.5	0.67	1.6	<0.5	<3.0	1.7	<0.5	<2.5	<2.5	42
6/14/10	32	<0.75	1.9	1.6	<2.5	<0.5	1.0	1.3	<0.5	<3.0	1.8	<0.5	<2.5	<2.5	17
9/30/10	22	0.89	7.6	15	4.9	2.3	2.7	5.0	2.2	<3.0	7.8	<0.5	13	<2.5	9.1
12/1/10	53	96	690	2,678	250	31	9.6	82	6.0	<3.0	160	<0.5	1,200	310	19
3/9/11	12	100	390	750	160	23	10	82	5.8	<3.0	220	<0.5	1,000	250	10
6/7/11	24	140	360	810	130	12	6.7	54	<5.0	<30	140	<5.0	790	100	18
9/14/11	140	<7.5	130	260	55	<5.0	<5.0	18	<5.0	<30	39	<5.0	230	47	66
12/7/11	20	20	390	670	150	11	6.9	64	9.6	<15	160	<2.5	830	190	13
3/14/12	20	<0.75	1.7	1.0	<2.5	<0.50	0.8	2.6	<0.50	<15	6.3	<2.5	<2.5	<2.5	13
6/8/12	24	<0.75	1.1	<2.0	<2.5	<0.50	<0.50	1.0	<0.50	<15	2.4	<2.5	<2.5	<2.5	8.9
9/19/12	22	7.5	230	660	160	9.3	<2.5	33	<2.5	<15	83	<2.5	740	170	12
12/26/12	6.7	<7.5	81	240	51	7.6	<5.0	17	5.8	<10	48	<5.0	320	82	42
GB Objective	140	1,700	1,600	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	150	No Objective	No Objective	5,000

Values are micrograms per liter.

Shaded value exceeds the Table 1 GB Objective of the Guidelines on the Management and Restoration of Groundwater in Urban Areas

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Table 1, continued

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East Providence RIDOT Facility
East Providence, Rhode Island

	Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene	n-Butylbenzene	sec-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methylene Chloride	n-Propylbenzene	Tetrachloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	MTBE
MW-8															
10/4/99															
4/2/01															
1/17/02	<1	<1	<1	<1	5	<1	1	4	ND	ND	<1	<1	<1	<1	9
5/23/02	1	<0.5	1	<0.5	3	2	3	4	ND	ND	4	<0.5	0.7	<0.5	6
10/4/02	1	<0.5	<0.5	0.9	4	1	1	2	ND	ND	2	<0.5	<0.5	<0.5	2
5/20/03	3	<0.5	13	<0.5	3	<0.5	<0.5	10	ND	ND	9	<0.5	0.8	<0.5	2
8/19/03	Not Sampled														
10/16/03	2	<1	7	<1	5	1	1	11	ND	ND	13	<1	1	<1	<1
1/6/04	Not Sampled														
5/21/04	12	6	100	19	6	<2.5	<2.5	<2.5	ND	ND	38	<2.5	12	<2.5	16
12/15/05	5	<1	14	<2	<1	12	4	11	1	<5	17	<1	1	<1	4
3/14/06	16	26	160	78	5	37	<1	29	2	<5	52	<1	78	10	25
6/8/06	8	1	220	4	3	38	<1	28	2	<5	61	<1	50	5	9
9/7/06	14	<10	440	<20	<10	56	<10	42	<10	<50	97	<10	10	<10	<20
12/5/06	10	<1	13	<2	1	23	6	31	2	<5	47	<1	1	<1	7
3/8/07	13	6	240	470	8	35	6	33	2	<5	63	<1	120	8	12
7/2/07	11.6	<5	11.1	<5	<20	<5	5.95	25.6	<5	<5	56.9	<5	10.5	18.8	<5
9/21/07	<5	<7.5	<5	<20	<25	8.8	8.4	30	<5	<50	70	<5	<25	<25	<10
3/31/08	<5	<7.5	<5	<20	160	14	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<25	<25	<10
6/20/08	17	<7.5	370	<20	160	14	5.6	48	<5.0	<50	87	<5.0	180.0	<25	<10
9/17/08	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	35.0	<0.5	<5	57	<0.5	<0.5	<2.5	<1
12/12/08	3.5	<1.9	1.8	<5.0	<6.2	2.0	3.6	13	<1.2	<12	12	<1.2	<6.2	<6.2	<2.5
3/27/09	6.7	4.0	270	20	21	7.2	7.8	39	1.8	<12	81	<1.2	260	<6.2	<2.5
6/9/09	6.1	<7.5	200	<20	<25	6.1	6.4	28	<5.0	<30	67	<5.0	53	<25	<10
9/24/09	3.0	<1.9	<1.2	<5.0	<6.2	5.1	5.9	6.4	<1.2	<7.5	9	<1.2	<6.2	<6.2	<2.5
12/14/09	3.5	<1.9	6.5	<5.0	<6.2	2.6	3.9	9.1	<1.2	<7.5	9.6	<1.2	<6.2	<6.2	<2.5
3/2/10	7.2	54	300	540	<6.2	<2.5	4.8	32	<1.2	<7.5	49	<1.2	100	<6.2	<2.5
6/14/10	8.0	<1.9	420	12	10	8.5	7.1	42	2.0	<7.5	94	<1.2	240	<6.2	<2.5
9/30/10	3.9	<1.9	3.8	<4.0	<5.0	5.0	6.7	5.1	<1.0	<6.0	4.5	<1.0	5.3	<5.0	<2.0
12/1/10	1.7	<1.5	<1.0	<4.0	<5.0	1.0	2.4	1.2	<1.0	<6.0	1.4	<1.0	<5.0	<5.0	<2.0
3/9/11	<1.0	<1.5	20	2.6	20	1.2	2.1	8.5	<1.0	<6.0	10	<1.0	11	<5.0	<2.0
6/7/11	3.5	<1.5	5.2	6.5	<5.0	<1.0	1.8	9.7	<1.0	<6.0	13	<1.0	<5.0	<5.0	<2.0
9/14/11	<1.0	<1.5	<1.0	<4.0	<5.0	1.5	3.2	1.6	<1.0	<6.0	1.0	<1.0	<5.0	<5.0	<2.0
12/7/11	<1.0	<1.5	1.9	<4.0	<5.0	<1.0	3.0	3.8	<1.0	<6.0	3.2	<1.0	<5.0	<5.0	<2.0
3/14/12	2.4	<1.5	120	23	<5.0	1.4	4.3	28	<1.0	<6.0	43	<1.0	25	<5.0	<2.0
6/8/12	1.3	5.5	230	300	15	3.4	5.8	37	1.7	<6.0	55	<1.0	150	14	<2.5
9/18/12	2.1	<3.0	3.0	9.9	62	15	2.5	<2.0	<2.0	<6.0	<2.0	<1.0	13	<10	<2.5
12/26/12	<0.5	<0.75	<0.5	<1.0	<2.5	<0.5	1.2	0.90	<0.5	<3.0	0.83	<0.5	<0.5	<2.5	<1.0
GB Objective	140	1,700	1,600	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	150	No Objective	No Objective	5,000

Values are micrograms per liter.

Shaded value exceeds the Table 1 GB Objective of the Guidelines on the Management and Restoration of Groundwater in Urban Areas

Source of analytical data for the period of October 4, 1999 through May 21, 2004 is 'Groundwater Monitoring Report, prepared by Resource Control Associates, Inc., dated June 18, 2004

Table 1, continued

Summary of Groundwater Analytical Results
East Providence RIDOT Facility
East Providence, Rhode Island

	Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene	n-Butylbenzene	sec-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methylene Chloride	n-Propylbenzene	Tetrachloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	MTBE
MW-9															
10/4/99															
4/2/01															
1/17/02	1	<1	<1	<1	<1	3	4	19	ND	ND	24	<1	<1	<1	49
5/23/02	2	<1	<1	<1	<1	2	3	8	ND	ND	14	<1	<1	<1	27
10/4/02	2	<1	<1	<1	<1	3	3	5	ND	ND	9	<1	<1	<1	13
5/20/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<0.5	<0.5	<0.5
8/19/03									Not Sampled						
10/16/03	4	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	10	ND	ND	12	<2.5	<2.5	<2.5	<2.5
1/6/04									Not Sampled						
5/21/04	2	<1	3	<1	<1	<1	1	<1	ND	ND	6	<1	<1	<1	34
12/15/05	23	<1	44	6	11	<1	5	30	2	<5	59	<1	35	6	49
3/14/06	40	24	81	325	9	40	<1	29	2	<5	56	<1	74	10	74
6/8/06	24	<1	60	72	17	51	<1	39	2	<5	84	<1	88	3	70
9/7/06	100	1	61	12	3	59	6	48	3	<5	100	<1	25	1	97
12/5/06	13	<1	7	5	<1	29	5	27	2	<5	52	<1	14	1	31
3/8/07	8	1	23	4	1	48	7	48	3	<5	78	<1	3	<1	17
7/2/07	48.8	<5	67.3	63.1	<20	<5	<5	36.4	<5	<5	78.4	<5	95.5	6.35	51.7
9/21/07	40	<3.8	30	61.7	<12	5	<2.5	49.0	<2.5	<25	97.0	<2.5	110	<12	79
9/21/07	12	<3.8	12	25	<12	6.9	7.1	25	<2.5	<25	51.0	<2.5	67	<12	17
3/31/08	<10	<15	<10	<40	1,500	65	<10	<10	<10	<100	<10	<10	<50	<50	<20
6/20/08	16	4.4	62	169	<2.5	3.1	5.0	30	<0.5	<5	43	<0.5	58	<2.5	25
9/17/08	65	72.0	340	1,980	120	15.0	11.0	71	<2.5	<25	130	<2.5	780	110	<5.0
12/12/08	20	<3.8	24	94	34	6.5	5.1	24	<2.5	25	50	<2.5	140	15	11
3/27/09	38	<3.8	14	150	30	7.0	5.5	30	<2.5	<25	62	<2.5	170	17	<5.0
6/9/09	39	<3.8	17	75	17	6.0	5.9	29	<2.5	<15	62	<2.5	190	<12	27
9/24/09	15	<3.0	9.6	<8.0	<10	8.8	6.2	27	<2.0	<12	66	<2.0	28	<10	22
12/14/09	6.0	<3.0	<2.0	<8.0	<10	5.6	6.6	25	<2.0	<12	52	<2.0	21	<10	7.8
3/2/10	3.8	7.5	20	33	<10	5.3	5.6	19	<2.0	<12	39	<2.0	<10	<10	4.0
6/14/10	16.0	21.0	150	640	24	8.6	8.0	43	<2.0	<12	90	<2.0	240	26	10
9/30/10	31	<7.5	30	42	47	26	24	45	23	<30	98	<5.0	200	<25	37
12/1/10	18	<3.8	6	<5.0	<12	10	8	33	<2.5	<15	88	<2.5	<12	<12	12
3/9/11	<2.5	<3.8	<2.5	<5.0	<12	5.9	6.2	14	<2.5	<15	31	<2.5	<12	<12	<5.0
9/14/11	5.5	<3.8	17	<5.0	<12	4.9	5.2	26	<2.5	<15	47	<2.5	<12	<12	<5.0
12/7/11	3.3	<3.8	<2.5	<5.0	<12	4.9	5.5	22	<2.5	<15	52	<2.5	<12	<12	<5.0
3/14/12	5.1	3.6	12	25	<12	4.2	4.7	22	<2.5	<15	43	<2.5	14	<12	6.2
6/8/12	6.7	5.9	93	320	11	6.7	8.3	49	<2.0	<12	100	<2.0	150	12	4.6
9/19/12	4.3	<3.0	2.0	12	<10	4.3	4.4	22	<2.0	<12	47	<2.0	<10	19	<4.0
12/26/12	3.4	<3.0	2.1	8.7	<10	6.8	6.4	27	11	<12	63	<2.0	<10	<10	<4.0
GB Objective	140	1,700	1,600	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	150	No Objective	No Objective	5,000

Values are micrograms per liter.

Shaded value exceeds the Table 1 GB Objective of the Guidelines on the Management and Restoration of Groundwater in Urban Areas

Source of analytical data for the period of October 4, 1999 through May 21, 2004 is 'Groundwater Monitoring Report, prepared by Resource Control Associates, Inc., dated June 18, 2004

Table 1, continued

Summary of Groundwater Analytical Results
East Providence RIDOT Facility
East Providence, Rhode Island

	Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene	n-Butylbenzene	sec-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methylene Chloride	n-Propylbenzene	Tetrachloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	MTBE
MW-10															
10/4/99															
4/2/01															
1/17/02	<0.5	1	<0.5	1	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<0.5	<0.5	8
5/23/02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<0.5	<0.5	3
10/4/02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<0.5	<0.5	2
5/20/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<0.5	<0.5	<0.5
8/19/03	Not Sampled														
10/16/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<0.5	<0.5	<0.5
1/6/04	Not Sampled														
5/21/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/05	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
3/14/06	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
6/8/06	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
9/7/06	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
12/5/06	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
3/8/07	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
7/2/07	<5	<5	<5	<5	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
9/21/07	<1	<1.5	<1	<4	<5	<1	<1	<1	<1	<10	<1	<1	<5	<5	<2
12/12/07	<1	<1.5	<1	<4	<5	<1	<1	<1	<1	<10	<1	<1	<5	<5	<2
3/31/08	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<2.5	<2.5	<1
6/20/08	<0.5	<0.75	<0.5	<2	<2.5	0.55	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<2.5	<2.5	<1
9/17/08	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<2.5	<2.5	<1
12/12/08	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<2.5	<2.5	<1
GB Objective	140	1,700	1,600	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	150	No Objective	No Objective	5,000

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Shaded value exceeds the Table 1 GB Objective of the Guidelines on the Management and Restoration of Groundwater in Urban Areas

Source of analytical data for the period of October 4, 1999 through May 21, 2004 is 'Groundwater Monitoring Report, prepared by Resource Control Associates, Inc., dated June 18, 2004

Table 1, continued

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East Providence RIDOT Facility
East Providence, Rhode Island

	Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene	n-Butylbenzene	sec-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methylene Chloride	n-Propylbenzene	Tetrachloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	MTBE
MW-11															
10/4/99															
4/2/01															
1/17/02															
5/23/02															
10/4/02	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<0.5	<0.5	<0.5
5/20/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<0.5	<0.5	<0.5
8/19/03	Not Sampled														
10/16/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<0.5	<0.5	<0.5
1/6/04	Not Sampled														
5/21/04	<5	<5	110	112	100	63	6	85	ND	ND	<5	<5	140	85	<5
12/15/05	Not Found, Under Salt Pile														
3/14/06	Not Found, Under Salt Pile														
6/8/06	<1	2	11	22	1	6	2	12	<1	<5	7	<1	<1	<1	<2
9/7/06	<1	<1	4	4	2	2	<1	2	<1	<5	3	<1	<1	<1	<2
12/5/06	<1	<1	12	2	<1	6	2	9	<1	<5	14	<1	4	<1	<2
3/8/07	<1	<1	12	<2	2	21	9	31	1	<5	46	<1	<1	<1	<2
7/2/07	<5	<5	6.63	<5	<20	7.45	5.41	18.7	6.99	<5	16.8	<5	<5	<5	<5
9/21/07	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<2.5	<2.5	<1
12/12/07	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<2.5	<2.5	<1
3/31/08	<0.5	<0.75	3.3	11.5	<2.5	1.7	0.80	2.8	<0.5	<5	5.8	<0.5	38	13	<1
MW-12															
10/4/99															
4/2/01															
1/17/02															
5/23/02															
10/4/02	<0.5	<0.5	<0.5	<0.5	5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<0.5	<0.5	0.7
5/20/03	0.7	<0.5	<0.5	<0.5	0.9	<0.5	0.5	0.8	ND	ND	<0.5	<0.5	<0.5	<0.5	<0.5
8/19/03	Not Sampled														
10/16/03	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND	ND	<2.5	<2.5	<2.5	<2.5	5
1/6/04	Not Sampled														
5/21/04	<0.5	<0.5	<0.5	0.6	1	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<0.5	<0.5	1
12/15/05	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
3/14/06	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
6/8/06	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
9/7/06	<1	<1	<1	4	<1	<1	<1	<1	<1	<5	<1	<1	2	<1	3
12/5/06	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
3/8/07	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
7/2/07	<5	<5	<5	<5	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
9/21/07	10	<3	26	100	13	<2	<2	8.5	<2	<20	15	<2	81	16	25
12/12/07	26	59	140	624	56	<2	2.2	32	<2	<20	62	<2	340	74	<4
3/31/08	<0.5	<0.75	<0.5	<2.0	260	13	<0.5	<0.5	<0.5	<5.0	<0.5	<0.75	<2.5	<2.5	<10
6/20/08	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<2.5	<2.5	<1
9/17/08	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<2.5	<2.5	<1
3/27/09	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<2.5	<2.5	<1
6/9/09	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<2.5	<2.5	<1
9/24/09	<0.5	1.0	1.1	2.8	<2.5	<0.5	<0.5	<0.5	<0.5	<3.0	<0.5	<0.5	<2.5	<2.5	<1
12/14/09	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<3.0	<0.5	<0.5	<2.5	<2.5	<1
12/14/09	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<3.0	<0.5	<0.5	<2.5	<2.5	<1
6/14/10	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<3.0	<0.5	<0.5	<2.5	<2.5	<1
9/30/10	62	4.9	83	1,008	150	8.8	<0.5	48	3.3	<3.0	100	<0.5	780	140	12
12/1/10	<0.50	<0.75	<0.50	<1.0	<2.5	<0.50	<0.50	<0.50	<0.50	<3.0	<0.50	<0.50	<2.5	<2.5	<1.0
9/14/11	<0.50	<0.75	<0.50	<1.0	<2.5	<0.50	<0.50	<0.50	<0.50	<3.0	<0.50	<0.50	<2.5	<2.5	<1.0
12/7/11	<0.50	<0.75	<0.50	<1.0	<2.5	<0.50	<0.50	<0.50	<0.50	<3.0	<0.50	<0.50	<2.5	<2.5	<1.0
3/14/12	<0.50	<0.75	<0.50	<1.0	<2.5	<0.50	<0.50	<0.50	<0.50	<3.0	<0.50	<0.50	<2.5	<2.5	<1.0
6/8/12	<0.50	1.3	0.58	2.8	<2.5	<0.50	<0.50	<0.50	<0.50	<3.0	<0.50	<0.50	<2.5	<2.5	<1.0
9/19/12	4.2	1.5	3.0	50	23	<0.50	<0.50	1.7	<0.50	<3.0	3.6	<0.50	30	6.0	<1.0
															1.3
GB Objective	140	1,700	1,600	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	150	No Objective	No Objective	5,000

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MW-13															
10/4/02	3	<2.5	<2.5	<2.5	<2.5	3	4	12	ND	ND	7	<2.5	<2.5	<2.5	90
5/20/03	2	<0.5	<0.5	<0.5	<0.5	<0.5	2	5	ND	ND	6	<0.5	<0.5	<0.5	<0.5
8/19/03	Not Sampled														
10/16/03	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	ND	<0.5	<0.5	<0.5	<0.5	<0.5
1/6/04	Not Sampled														
5/21/04	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3	<0.5	ND	ND	0.9	<0.5	<0.5	<0.5	<0.5
12/15/05	Not Found														
3/14/06	Not Found														
6/8/06	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
9/7/06	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
12/5/06	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
3/8/07	<1	<1	<1	<2	<1	<1	<1	<1	<1	<5	<1	<1	<1	<1	<2
7/2/07	<5	<5	<5	<5	<20	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
9/21/07	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.75	<2.5	<2.5	<1
12/12/07	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.75	<2.5	<2.5	<1
3/31/08	<2.0	<3.0	<2.0	<8	210	12	<2.0	<2.0	<2.0	<20	<2.0	<2.0	<10	<10	<4.0
6/20/08	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<2.5	<2.5	<1
9/17/08	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<2.5	<2.5	<1
3/27/09	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<2.5	<2.5	<1
6/9/09	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<0.5	<2.5	<2.5	<1
9/24/09	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<3.0	<0.5	<0.5	<2.5	<2.5	<1
12/14/09	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<3.0	<0.5	<0.5	<2.5	<2.5	<1
3/2/10	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<3.0	<0.5	<0.5	<2.5	<2.5	<1
6/14/10	<0.5	<0.75	<0.5	<2	<2.5	<0.5	<0.5	<0.5	<0.5	<3.0	<0.5	<0.5	<2.5	<2.5	<1
9/30/10	<0.5	<0.75	1.8	3.6	<2.5	<0.5	<0.5	<0.5	<0.5	<3.0	1.5	<0.5	3.3	<2.5	<1
12/1/10	<0.50	<0.75	<0.50	<1.0	<2.5	<0.50	<0.50	<0.50	<0.50	<3.0	<0.50	<0.50	<2.5	<2.5	<1
3/9/11	<0.50	<0.75	<0.50	<1.0	<2.5	<0.50	<0.50	<0.50	<0.50	<3.0	<0.50	<0.50	<2.5	<2.5	<1
6/7/11	<0.50	<0.75	<0.50	<1.0	<2.5	<0.50	<0.50	<0.50	<0.50	<3.0	<0.50	<0.50	<2.5	<2.5	<1
9/14/11	<0.50	<0.75	<0.50	<1.0	<2.5	<0.50	<0.50	<0.50	<0.50	<3.0	<0.50	<0.50	<2.5	<2.5	<1
3/14/12	<0.50	<0.75	<0.50	<1.0	<2.5	<0.50	<0.50	<0.50	<0.50	<3.0	<0.50	<0.50	<2.5	<2.5	<1
6/8/12	<0.50	<0.75	<0.50	<1.0	<2.5	<0.50	<0.50	<0.50	<0.50	<3.0	<0.50	<0.50	<2.5	<2.5	<1
9/19/12	12	3.1	13	212	24	<0.50	<0.50	9.9	2.7	<3.0	18	<0.50	130	26	<1
															1.7
GB Objective	140	1,700	1,600	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	150	No Objective	No Objective	5,000

Values are micrograms per liter.

Shaded value exceeds the Table 1 GB Objective of the Guidelines on the Management and Restoration of Groundwater in Urban Areas

Source of analytical data for the period of October 4, 1999 through May 21, 2004 is 'Groundwater Monitoring Report, prepared by Resource Control Associates, Inc., dated June 18, 2004

Table 1, continued

Summary of Groundwater Analytical Results
East Providence RIDOT Facility
East Providence, Rhode Island

	Benzene	Toluene	Ethylbenzene	Xylenes	Naphthalene	n-Butylbenzene	sec-Butylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methylene Chloride	n-Propylbenzene	Tetrachloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	MTBE
OW-1															
12/15/05	2	22	190	203	100	<1	5	45	6	<5	86	<1	320	15	19
3/14/06	<10	42	300	482	150	48	<10	63	<10	<50	140	<10	770	140	<20
6/8/06	<10	11	190	266	91	32	<10	32	<10	<50	86	<10	600	87	570
9/7/06	<10	500	400	1,400	190	54	<10	38	<10	<50	96	<10	990	160	<20
12/5/06	<10	28	130	120	58	24	<10	32	<10	<50	70	<10	430	37	<20
3/8/07	<10	190	260	620	120	52	<10	82	<10	<50	200	<10	1,100	210	<20
7/2/07	<5	<5	26.7	<5	55.3	<5	9.97	38.3	<5	<5	<5	<5	149	9.94	<5
9/21/07	<10	100	640	439	140	21	10	76	<10	<100	180	<10	560	<50	<20
12/12/08	<5	18	270	217	67	12	6.2	36	<10	<100	77	<10	300	<50	<20
3/31/08/	<5.0	<7.5	<5.0	<20	140	10	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<25	<25	<10
6/20/08	<5.0	8.2	180	170	50	15	11.0	83	<5.0	<50	180	<5.0	280	<25	<10
9/17/08	<5.0	1,300	620	2,600	270	14	5.2	45	<5.0	<50	84	<5.0	800	160	<10
12/12/08	<20	<30	130	370	100	<20	<20	48	<20	<200	130	<20	850	130	<40
OW-2															
12/15/05	<10	<10	100	460	110	26	<10	47	13	<50	86	<10	620	140	<20
3/14/06	<10	<10	28	106	59	24	<10	22	<10	<50	63	<10	400	100	<20
6/8/06	<10	<10	50	291	76	26	<10	33	<10	<50	100	<10	730	190	73
9/7/06	<10	<10	170	113	160	54	<10	62	<10	<50	170	<10	1,300	150	<20
12/5/06	<10	<10	27	250	90	18	<10	34	<10	<50	67	<10	620	120	<20
3/8/07	<10	<10	88	560	110	43	12	71	<10	<50	190	<10	1,200	300	<20
7/2/07	<5	680	682	857	118	25.5	12.0	77.9	11.7	<5	253	<5	1,050	93.1	<5
9/21/07	<10	<15	39	<40	<50	20	13	48	<10	<100	150	<10	160	<50	<20
12/12/07	<2	<3	16	16.5	18	17	9.7	35	4.2	<100	110	<10	360	15	<20
3/31/08	2.4	<3	27	<8	<10	<2	2.0	7.8	<2	<20	11	<2	<10	<10	<4
6/20/08	<2	<3	43	69	28	8.4	5.3	26.0	2.8	<20	61	<2	210	24.0	<4
9/17/08	<2	<3	86	108	66	28	16	77	4.2	<20	190	<2	780	38	<4
12/12/08	<10	<15	160	800	160	32	12	73	<10	<20	180	<10	1,200	330	<20
OW-3															
12/15/05	2	140	420	276	180	<1	4	44	<1	<5	89	<1	280	76	6
3/14/06	<10	400	660	1,380	360	75	<10	57	<10	<50	120	<10	1,400	200	<20
6/8/06	<10	320	340	700	140	33	<10	24	<10	<50	56	<10	440	42	<20
9/7/06	<10	170	660	1,170	210	62	<10	48	<10	<50	110	<10	890	79	<20
12/5/06	<10	230	390	460	120	24	<10	31	<10	<50	60	<10	310	16	<20
3/8/07	<10	20	260	141	70	37	<10	39	<10	<50	81	<10	470	<10	<20
7/2/07	<5	535	988	979	145	18.1	<5	65.8	<5	<5	145	<5	1,470	46.2	<5
9/21/07	<2	<3	130	<8	20	<2	<2	16	<2	<20	27	<2	<10	<10	<4
12/12/07	<2	40	270	169	46	5.0	3.3	29	<2	<20	57	<2	150	16	<4
3/31/08	2.4	<3	27	<8	<10	<2	2.0	7.6	<2	<20	11	<2	<10	<10	<4
6/20/08	<2.5	120	530	890	220	16	7.1	56	3.5	<25	110	<2.5	790	160	<5
9/17/08	<10	47	650	580	310	18	<10	94	<10	<25	180	<2.5	1,200	130	<5
12/12/08	<1.2	11	40	64	20	1.2	<1.2	5	<1.2	<12	9.4	<1.2	65	9.7	<2.5
GB Objective	140	1,700	1,600	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	No Objective	150	No Objective	No Objective	5,000

Values are micrograms per liter.

Shaded value exceeds the Table 1 GB Objective of the Guidelines on the Management and Restoration of Groundwater in Urban Areas

Source of analytical data for the period of October 4, 1999 through May 21, 2004 is 'Groundwater Monitoring Report, prepared by Resource Control Associates, Inc., dated June 18, 2004