June 20, 2011

Ms. Barbara Jakub
Alameda County Health Care Services Agency
Environmental Protection Division
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: ***Perjury Statement***
Kawahara Nursery (ACEHD Fuel Leak Case No. RO0000291)
16550 Ashland Avenue
San Lorenzo, California

Dear Ms. Barbara Jakub,

"I declare under penalty of perjury, that the information and / or recommendations contained in the attached proposal or report is true and correct to the best of my knowledge."

John T. Kawahara

John Kawahara, Vice President

FIRST SEMI-ANNUAL 2011 GROUNDWATER MONITORING REPORT
JUNE 21, 2011

SITE ADDRESS:	Kawahara Nursery , Inc. 16550 Ashland Ave. San Lorenzo, California	**REGULATORY AGENCY:**	Alameda County Health Care Services, Environmental Protection Division
REMEDIATION SYSTEM:	None	**REGULATORY CONTACT:**	Ms. Barbara Jakub
		REGULATORY ADDRESS:	1131 Harbor Bay Pkwy. Suite 250
PROJECT No.:	307.001.003		Alameda, California 94502-6577
CONTACT ADDRESS:	John Kawahara Kawahara Nursery, Inc. 689 Burnett Ave. Morgan Hill, CA 95037	**REGULATOR'S PHONE:**	(510) 567-6700
PHONE:	(408) 640-4289	**LOCAL CASE#:**	RO0000291
		GEOTRACKER GLOBAL ID:	T0600101605

GAUGING DATE:	May 6, 2011
SAMPLING DATE:	May 6, 2011
CURRENT SITE STATUS:	Operating Nursery
MONITORING PERIOD:	First Semi-Annual 2011

WORK PERFORMED:

Groundwater monitoring wells were gauged, sampled and analyzed for the presence of gasoline-range total petroleum hydrocarbons as gasoline (TPHg), TPH as diesel (TPHd), benzene, toluene, ethylbenzene, and total xylenes (collectively BTEX), and methyl tertiary butyl ether (MTBE) using EPA Method SW8015M and EPA Method SW8260B.

GROUNDWATER MONITORING:

Number of Wells:	3
Liquid Phase Hydrocarbons (LPH):	None
Wells Gauged:	3
Wells Sampled:	3
Groundwater Elevation:	Between 34 and 36 feet above mean sea level (msl)
Groundwater Flow:	Northwest (Approximate)

Hydraulic Gradient: 0.004-0.005 feet per feet (Approximate)

CURRENT STATUS:

Three groundwater monitoring wells were gauged and sampled by Trinity Source Group, Inc. (Trinity). Figure 1 shows the site location. Wells MW-3 through MW-5 are sampled on a semi-annual basis during the second and fourth quarters of each year. The groundwater flow direction and gradient are approximate, due to the configuration of the gauged wells. Results of the first semi-annual sampling event are included in Table 1 of this report, and groundwater elevation and analytical data are summarized on Figures 2 and 3. Supporting data are included in Attachments A, B, and C. Purge water is stored on site in a 55 gallon drum, and will be properly disposed of after the second semi-annual 2011 groundwater monitoring event, and disposal documentation will be included in the second semi-annual 2011 groundwater monitoring report.

- TPHg was detected in only one of the three sampled wells at a concentration of 600 parts per billion (ppb) in Well MW-3.
- TPHd was detected in only one of the three sampled wells at a concentration of 150 ppb in Well MW-3.
- Ethylbenzene was detected only in Well MW-3 at a concentration of 13 ppb.
- Total xylenes were detected only in Well MW-3 at a concentration of 64.6 ppb.
- Benzene, toluene, and MTBE were not detected in any of the three sampled wells.
- All analytical results are within historical ranges.

RECOMMENDATIONS:

- Continue monitoring and sampling of Wells MW-3 through MW-5 for the presence of TPHg, TPHd, BTEX, and MTBE, using EPA Method SW8015M and SW8260B, during the second semi-annual event in the fourth quarter of 2011.
- Prepare a Second Semi-Annual 2011 Groundwater Monitoring Report.

Should you have any questions regarding the contents of this document, please do not hesitate to call Trinity at (831) 426-5600.

Sincerely,

TRINITY SOURCE GROUP, INC.

Information, conclusions, and recommendations made by Trinity in this document regarding this site have been prepared under the supervision of and reviewed by the licensed professional whose signature appears below.

Debra J. Moser, PG, CEG, CHG
Senior Geologist

Eric J. Choi
Staff Scientist

ATTACHMENTS:

Table 1:	Groundwater Monitoring Data
Figure 1:	Site Location Map
Figure 2:	Groundwater Elevation Contour Map – May 6, 2011
Figure 3:	Chemical Concentration Map – May 6, 2011
Attachment A:	Field Procedures
Attachment B:	Field Data Sheets
Attachment C:	Certified Analytical Report, Chain-of-Custody and GeoTracker Upload Documentation

TABLE

Table 1
Groundwater Monitoring Data

Kawahara Nursery
16550 Ashland Avenue,
San Lorenzo, California

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (in feet msl)	Modified EPA Method 8015		EPA Method 8020, 8021B or 8260B				
					TPH as Gasoline (µg/L)	TPH as Diesel (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
MW-1	6/16/1993	100	10.7	89.3	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	3/24/1994		11.11	88.89	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	3/28/1994		11.26	88.74	NS	NS	NS	NS	NS	NS	NS
	11/22/1994		12.04	87.96	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	3/29/1995		7.26	92.74	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	6/7/1995		8.67	91.33	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	9/7/1995		10.56	89.44	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	3/4/1999		NM	NM	NS	NS	NS	NS	NS	NS	NS
	6/29/1999		8.81	91.19	NS	NS	NS	NS	NS	NS	NS
	11/15/1999		Destroyed	Destroyed	NS	NS	NS	NS	NS	NS	NS
	5/22/2000		Destroyed	Destroyed	NS	NS	NS	NS	NS	NS	NS
	8/16/2000		Destroyed	Destroyed	NS	NS	NS	NS	NS	NS	NS
	11/16/2000		Destroyed	Destroyed	NS	NS	NS	NS	NS	NS	NS
	2/21/2001		**Destroyed**	**Destroyed**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**
MW-2	6/16/1993	99.27	10.24	89.03	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	3/24/1994		10.65	88.62	NS	NS	NS	NS	NS	NS	NS
	3/28/1994		10.79	88.48	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	11/8/1994		11.58	87.69	NS	NS	NS	NS	NS	NS	NS
	3/29/1995		6.93	92.34	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	5/7/1995		8.36	90.91	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	9/7/1995		10.18	89.09	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	3/4/1999		6.95	92.32	NS	NS	NS	NS	NS	NS	NS
	6/29/1999		8.52	90.75	NS	NS	NS	NS	NS	NS	NS
	11/15/1999		Destroyed	Destroyed	NS	NS	NS	NS	NS	NS	NS
	5/22/2000		Destroyed	Destroyed	NS	NS	NS	NS	NS	NS	NS
	8/16/2000		Destroyed	Destroyed	NS	NS	NS	NS	NS	NS	NS
	11/16/2000		Destroyed	Destroyed	NS	NS	NS	NS	NS	NS	NS
	2/21/2001		**Destroyed**	**Destroyed**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**
MW-3	6/16/1993	99.52	10.46	89.06	120,000	170,000	4,600	8,400	2,100	27,000	NA
	3/28/1994		10.81	88.71	NS	NS	NS	NS	NS	NS	NS
	3/28/1994		10.96	88.56	23,000	94,000	4,800	6,500	3,000	15,000	NA
	11/8/1994		11.68	87.84	35,000	27,000	3,600	4,100	2,700	18,000	NA

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Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (in feet msl)	Modified EPA Method 8015		EPA Method 8020, 8021B or 8260B				
					TPH as Gasoline (µg/L)	TPH as Diesel (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
MW-3	3/29/1995		6.95	92.57	18,000	<50*	1,600	1,400	780	6,200	NA
cont.	6/7/1995		8.48	91.04	20,000	<50	1,700	1,400	750	6,800	NA
	9/7/1995		10.3	89.22	17,000	<50	1,100	800	570	4,800	NA
	3/4/1999		7.98	91.54	1,300	<50	33	<0.5	1.2	17	5.3 [e]
	6/29/1999		8.49	91.03	8,000	<1,000	98	34	3.7	1,200	37 [e]
	11/15/1999		10.35	89.17	4,200	2,000 [a]	63	25	65	590	33 [e]
	5/22/2000		7.65	91.87	5,800	1,480	53	29	58	490	4.9 [e]
	8/16/2000		9.44	90.08	2,400	530 [c], *	18	5.8 [b]	18	182	12 [b, e]
	11/16/2000		9.86	89.66	9,000	3,700 [c, *]	35	27	88	719	<10 [e]
	2/21/2001		8.65	90.87	2,400	880 [c, *]	28	12	46	276	<2.0
	5/31/2001		9.56	89.96	2,900	680 [c, *]	5.3	33 b	17	144	<2.0
	11/28/2001		11.04	88.48	1,700	430 [c, *]	23	3	37	184	4.2 [e]
	5/28/2002		9.17	90.35	870	570 [c, *]	6.3	2.2	12	70	2.3 [e]
	11/14/2002		10.23	89.29	3,300 [f, g]	910 [c, g]	27	3.6	52	206	<2.0 [e]
	5/23/2003		8.73	90.79	760 [f]	360 [c, g]	3	1	5.2	30	<2.0 [e]
	11/24/2003		11.05	88.47	<50	170	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	5/13/2004		9.11	90.41	830 [f, g]	330 [c, g]	1.6	0.54	6.5	41.2	2.3 [e]
	11/23/2004		10.28	89.24	840	190 [c, *]	2.7	1	7.7	39.8	<2.0 [e]
	5/17/2005		8.19	91.33	730 [f]	340 [c, g]	0.85	<0.5	4.1	28.5	<2.0 [e]
	11/16/2005		10.20	89.32	240	200 [c, g]	<0.5	<0.5	1.9	11.3	<2.0 [e]
	5/23/2006		7.08	92.44	320 [i]	260 [j]	0.69	1.4	3.6	22	<2.0 [e]
	11/15/2006	42.86	9.40	33.46	480 [k]	NA	<0.5	2.2	5.8	30	<5.0 [e]
	5/31/2007		9.52	33.34	510 [l]	NA	<0.5	2.8	4.7	23	<5.0 [e]
	11/28/2007		10.85	32.01	78 [l]	NA	<0.5	<0.5	1.1	4.2	<5.0 [e]
	5/29/2008		9.74	33.12	500 [l, m]	NA	<0.5	3.0	7.0	33	<5.0 [e]
	11/19/2008		11.30	31.56	330 [l]	NA	<0.5	1.7	4.3	15	<5.0
	5/20/2009		9.72	33.14	380	NA	0.51	<0.5	8.2	27	<0.5
	11/5/2009		10.84	32.02	170 [o]	NA	<0.5	<0.5	3.4	5.6	<0.5
MW-3	5/13/2010		8.06	34.80	600	210	1.6	<0.21	17	62	8.7
cont.	11/2/2010		10.67	32.19	690 [q]	160 [r]	<0.5	<0.5	11.0	43.7 [s]	<0.50
	5/6/2011		**7.73**	**35.13**	**600 [v]**	**150 [u]**	**<0.50**	**<0.50**	**13.0**	**64.6 [s]**	**<0.50**
MW-4	6/16/1993		NM	NM	NS	NS	NS	NS	NS	NS	NS
	3/28/1994		NM	NM	NS	NS	NS	NS	NS	NS	NS

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					TPH as Gasoline (µg/L)	TPH as Diesel (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
MW-4	11/8/1994		NM	NM	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
cont.	11/22/1994	100.46	12.34	88.12	NS	NS	NS	NS	NS	NS	NS
	3/29/1995		7.49	92.97	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	6/7/1995		8.95	91.51	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	9/7/1995		10.88	89.58	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	3/4/1999		8.03	92.43	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0 [e]
	6/29/1999		9.04	91.42	130	<50	<0.5	<0.5	<0.5	<0.5	<5.0 [e]
	11/15/1999		11.00	89.46	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0 [e]
	5/22/2000		8.28	92.18	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	8/16/2000		10.04	90.42	<50	56 * [d]	<0.5	<0.5	<0.5	0.51	2.3 [e]
	11/16/2000		10.50	89.96	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	2/21/2001		9.42	91.04	<50	<50	<0.5	<0.5	<0.5	<0.5	2.6 [e]
	5/31/2001		10.20	90.26	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	11/28/2001		11.67	88.79	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	5/28/2002		9.68	90.78	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	11/14/2002		10.92	89.54	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	5/23/2003		9.10	91.36	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	11/24/2003		11.57	88.89	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	5/13/2004		9.63	90.83	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	11/23/2004		10.94	89.52	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	5/17/2005		8.07	92.39	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	11/16/2005		10.62	89.84	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	5/23/2006		7.28	93.18	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	11/15/2006	43.82	9.96	33.86	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0 [e]
	5/31/2007		10.04	33.78	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0 [e]
	11/28/2007		11.45	32.37	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0 [e]
	5/29/2008		10.24	33.58	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0 [e]
	11/19/2008		11.80	32.02	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0 [e]
	5/20/2009		10.30	33.52	<50	NA	<0.5	<0.5	<0.5	<1.5	<0.5
	11/5/2009		11.38	32.44	<50	NA	<0.5	<0.5	<0.5	<1.5	<0.5
	5/13/2010		8.84	34.98	<40	52 [p]	<0.13	<0.21	<0.21	<0.43	<0.18
	11/2/2010		11.18	32.64	<50	<100	<0.5	<0.5	<0.5	<1.0 [t]	<0.5
	5/6/2011		**8.40**	**35.42**	**<50**	**<100**	**<0.50**	**<0.50**	**<0.50**	**<1.0 [t]**	**<0.5**

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Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (in feet msl)	Modified EPA Method 8015		EPA Method 8020, 8021B or 8260B				
					TPH as Gasoline (µg/L)	TPH as Diesel (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
MW-5	6/16/1993	98.14	NM	NM	NS	NS	NS	NS	NS	NS	NS
	3/28/1994		NM	NM	NS	NS	NS	NS	NS	NS	NS
	11/8/1994		NM	NM	<50	<50	<0.5	<0.5	<0.5	<0.5	NS
	3/29/1995		5.76	92.38	<50	64	<0.5	<0.5	<0.5	<0.5	NS
	6/7/1995		7.33	90.81	<50	<50	<0.5	<0.5	<0.5	<0.5	NS
	9/7/1995		9.11	89.03	<50	<50	<0.5	<0.5	<0.5	<0.5	NS
	3/4/1999		6.63	91.51	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0 [e]
	6/29/1999		7.41	90.73	160	<50	<0.5	<0.5	<0.5	<0.5	<5.0 [e]
	11/15/1999		9.18	88.96	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0 [e]
	5/22/2000		6.68	91.46	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	8/16/2000		8.27	89.87	<50	<50	<0.5	<0.5	<0.5	<0.5	3.5 [e]
	11/16/2000		8.68	89.46	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	2/21/2001		7.51	90.63	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	5/31/2001		8.40	89.74	<50	<50	<0.5	<0.5	<0.5	<0.5	2.8 [e]
	11/28/2001		9.79	88.35	<50	<50	<0.5	<0.5	<0.5	<0.5	4.2 [e]
	5/28/2002		8.05	90.09	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	11/14/2002		9.03	89.11	<50	<50	<0.5	<0.5	<0.5	<0.5	3.1 [e]
	5/23/2003		7.90	90.24	<50	<50	<0.5	<0.5	<0.5	<0.5	2.4 [e]
	11/24/2003		9.94	88.20	<50	<50	<0.5	<0.5	<0.5	<0.5	2.2 [e]
	5/13/2004		8.05	90.09	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	11/23/2004		8.90	89.24	<50	<58 [h]	<0.5	<0.5	<0.5	<0.5	3.9 [e]
	5/17/2005	41.49	6.80	91.34	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	11/16/2005		9.00	89.14	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	5/23/2006		6.27	91.87	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.0 [e]
	11/15/2006		8.26	33.23	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0 [e]
	5/31/2007		8.41	33.08	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0 [e]
	11/28/2007		9.70	31.79	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0 [e]
	5/29/2008		8.65	32.84	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0 [e]
	11/19/2008		10.09	31.40	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0 [e]
	5/20/2009		8.83	32.66	<50	NA	<0.5	<0.5	<0.5	<1.5	<0.5
	11/5/2009		9.65	31.84	<50	NA	<0.5	<0.5	<0.5	<1.5	<0.5
	5/13/2010		7.01	34.48	<40	69 [p]	<0.13	<0.21	<0.21	<0.43	<0.18
	11/2/2010		9.43	32.06	<50	<100	<0.5	<0.5	<0.5	<1.0 [t]	<0.5
	5/6/2011		**6.56**	**34.93**	**<50**	**<100**	**<0.50**	**<0.50**	**<0.50**	**<1.0 [t]**	**<0.50**

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Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (in feet msl)	Modified EPA Method 8015		EPA Method 8020, 8021B or 8260B				
					TPH as Gasoline (µg/L)	TPH as Diesel (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)
Maximum Contaminant Levels (MCLs)					N/A	N/A	1	150	700	1,750	13
Environmental Screening Levels (ESLs);					100	100	1	40	30	20	5

Notes:

µg/L= micrograms per liter, also equivalent to parts per billion (ppb)
TPH= Total Petroleum Hydrocarbons
TOC= Top of casing
EPA= Environmental Protection Agency
MTBE = Methyl tert-Butyl Ether
RWQCB = Regional Water Quality Control Board, San Francisco Bay Region
SFBRWQCB = San Francisco Bay Regional Water Quality Control Board, California EPA, http://www/waterboards/ca/gov/sanfranciscobay/esl.htm. (May 2008)
msl = mean sea level
< = Analyte not detected at or above detection limit
* = Laboratory reported the presence of petroleum hydrocarbons with a chromatograph pattern uncharacteristic of diesel fuel.
Note = Surveyed to an onsite datum established at MW-1. Resurveyed by CSS Environmental Services, Inc. on November 14, 2006.
Note = Elevations in feet above mean sea level
a = Laboratory note indicates the result is within the quantitation range, but that the chromatographic pattern is not typical of fuel.
b = Laboratory note indicates that confirmation of the result differed by more than a factor of two.
c = Laboratory note indicates lighter hydrocarbons contributed to the quantification.
d = Laboratory note indicates the sample has an unknown single peak or peaks.
e = Detection of MTBE by EPA Method 8021B is regarded as erroneous; likely chemical detected is 3-methyl-pentane.
f = Laboratory notes that heavier hydrocarbons contributed to the quantitation.
g = Laboratory notes that the sample exhibits a fuel pattern that does not resemble the standard.
h = Initially reported at 7,900 µg/L by laboratory; re-extracted 3 days outside of 14-day hold period yielding this revised result.
I = Laboratory notes that unmodified or weakly modified gasoline is significant.
j = Laboratory notes that gasoline range compounds are significant.
k = Laboratory note indicates that heavier gasoline range compounds are significant and may indicate aged gasoline.
l = Laboratory notes heavier gasoline range compounds are significant (aged gasoline?).
m = Laboratory notes no recognized pattern.
Note = On 5/20/09 and thereafter, TPH as gasoline, benzene, toluene, ethylbenzene, total xylenes and MTBE are analzyed by EPA Method 8260B.
n = While TPH as Gasoine compounds are rpesent, TPH value also includes significant amount of non-target heavy end hydrocarbons. (Possibly aged gas).
o = Sample chromatogram does not resemble gasoline standard pattern. Reported value due to presence of heavy end non-gasoline compounds within range of C5-C12 quantified as Gasoline.
p = (EPA) estimated value below the lowest calibration point. Confidence correlates with concentration.
q = TPH value inculdes significant portion of heavy hydrocarbons within range of C5-C12 quantified as Gasoline (possibly aged gasoline)
N/A = Not applicable
NA = Not analyzed
NM = Not Measured
NS = Not sampled
ESL = Environmental Screening Level

Table 1
Groundwater Monitoring Data

Kawahara Nursery
16550 Ashland Avenue,
San Lorenzo, California

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (in feet msl)	Modified EPA Method 8015		EPA Method 8020, 8021B or 8260B				
					TPH as Gasoline (µg/L)	TPH as Diesel (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)

r = Not typical of diesel standard pattern (possibly fuel lighter than diesel)

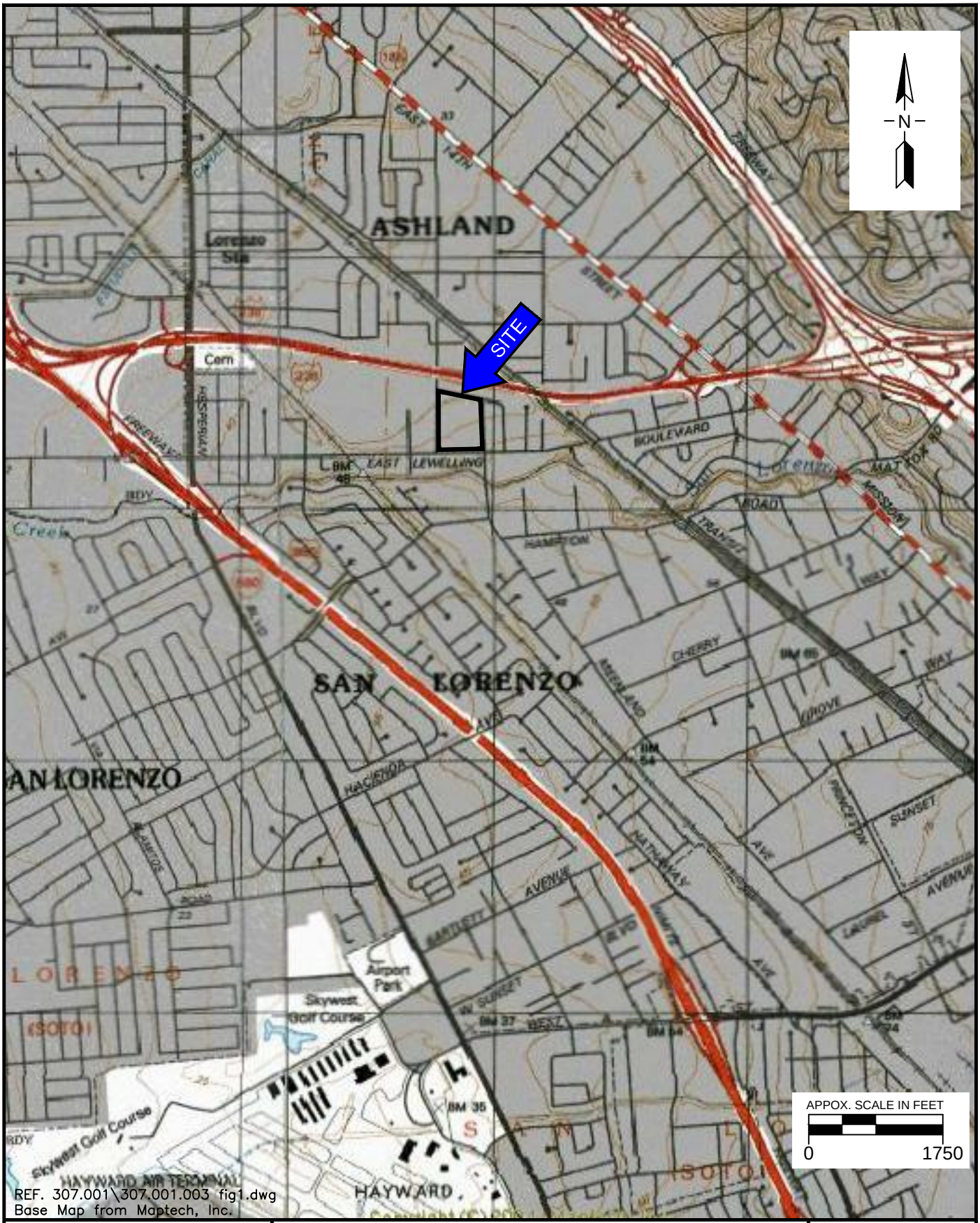
s = Result is the sum of m,p-xylene and o-xylene

t = Result shown is highest practical quantitation limit (PQL) for m,p-xylene, and o-xylene

u = Not typical of Diesel standard pattern (unknown hydrocarbons present).

v = Result is elevated due to contribution from heavy end hydrocarbons (possibly aged gasoline).

FIGURES



PREPARED BY

TRINITY source group, inc.
Environmental Consultants
500 Chestnut Street, Suite 225
Santa Cruz, California 95060
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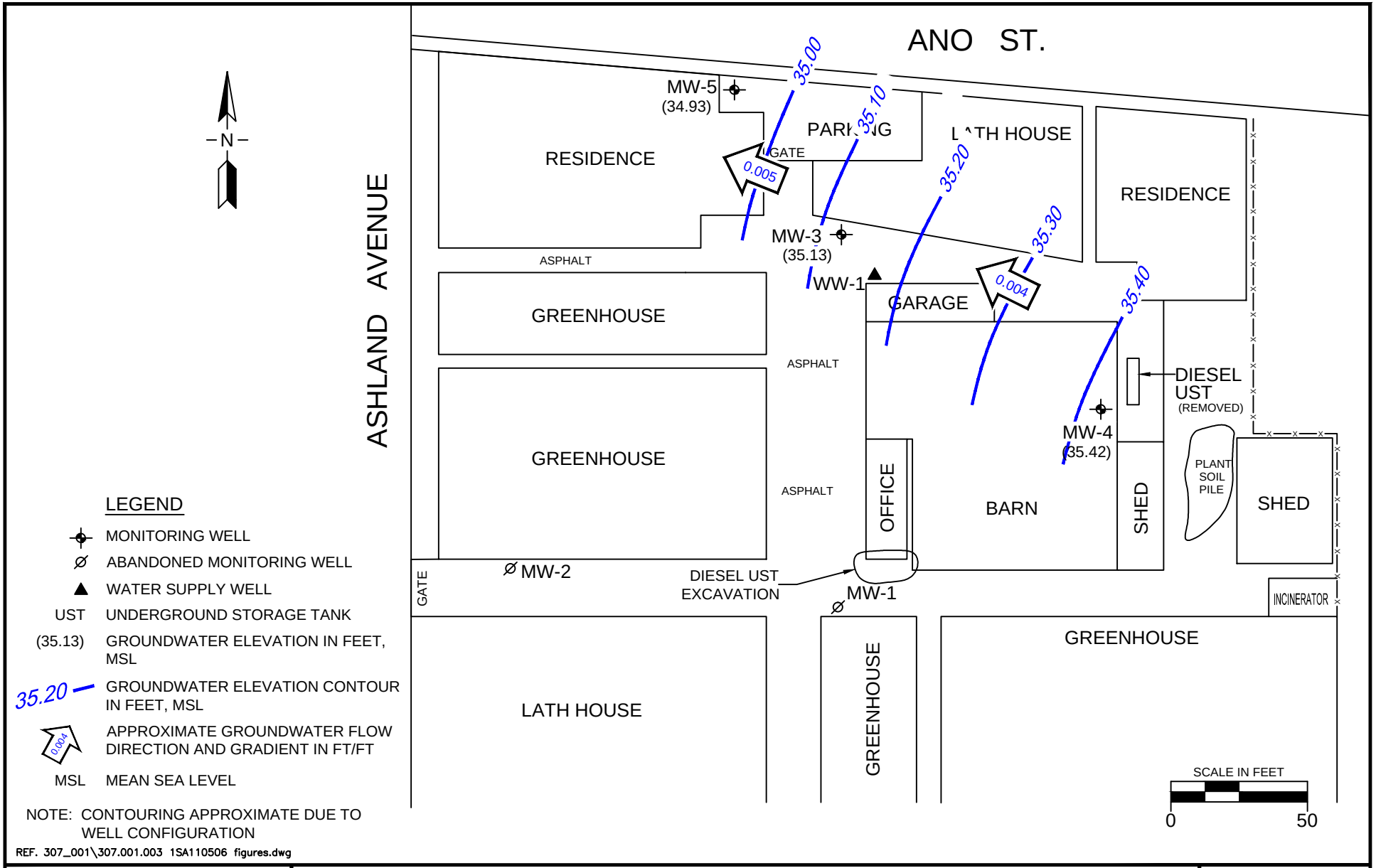
SITE LOCATION MAP

Kawahara Nursery
16550 Ashland Ave.
San Lorenzo, California

PROJECT:
307.001.003

FIGURE:
1



LEGEND

- MONITORING WELL
- ABANDONED MONITORING WELL
- WATER SUPPLY WELL
- UST — UNDERGROUND STORAGE TANK
- (35.13) — GROUNDWATER ELEVATION IN FEET, MSL
- 35.20 — GROUNDWATER ELEVATION CONTOUR IN FEET, MSL
- 0.004 — APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT IN FT/FT
- MSL — MEAN SEA LEVEL

NOTE: CONTOURING APPROXIMATE DUE TO WELL CONFIGURATION

REF. 307_001\307.001.003 1SA110506 figures.dwg

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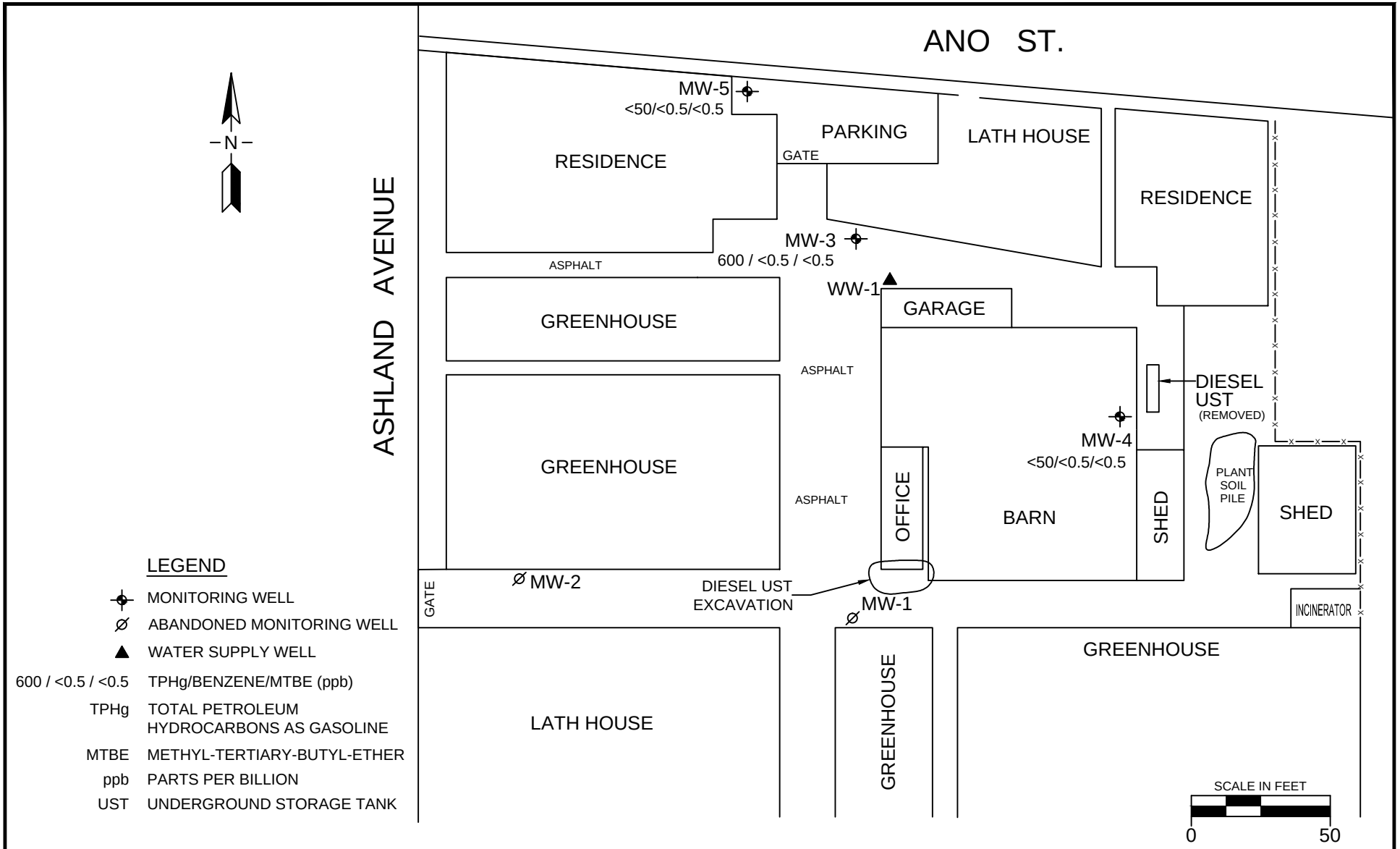
GROUNDWATER ELEVATION CONTOUR MAP, MAY 6, 2011

Kawahara Nursery
16550 Ashland Ave.
San Lorenzo, California

PROJECT:
307.001.003

FIGURE:
2



LEGEND

⊕	MONITORING WELL
⌀	ABANDONED MONITORING WELL
▲	WATER SUPPLY WELL
600 / <0.5 / <0.5	TPHg/BENZENE/MTBE (ppb)
TPHg	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
MTBE	METHYL-TERTIARY-BUTYL-ETHER
ppb	PARTS PER BILLION
UST	UNDERGROUND STORAGE TANK

REF. 307_001\307.001.003 1SA110506 figures.dwg

PREPARED BY
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CHEMICAL CONCENTRATION MAP, MAY 6, 2011

Kawahara Nursery
16550 Ashland Ave.
San Lorenzo, California

PROJECT:
307.001.003

FIGURE:
3

ATTACHMENT A

FIELD PROCEDURES

FIELD PROCEDURES

Groundwater Level and Total Depth Determination

A water level indicator is lowered down the well and a measurement of the depth to water from an established reference point on the casing is taken. The indicator probe is used to sound the bottom of the well and a measurement of the total depth of the well is taken. Both the water level and total depth measurements are taken to the nearest 0.01-foot.

Visual Analysis of Groundwater

Prior to purging and sampling groundwater-monitoring wells, a water sample is collected from each well for subjective analysis. The visual analysis involves gently lowering a clean, disposable polyethylene bailer to approximately one-half the bailer length past the water table interface. The bailer is then retrieved, and the sample contained within the bailer is examined for floating product or the appearance of a petroleum product sheen. If measurable free product is noted in the bailer, a water/product interface probe is used to determine the thickness of the free product to the nearest 0.01-foot. The thickness of free product is determined by subtracting the depth to product from the depth to water.

Monitoring Well Purging and Sampling

Monitoring wells are purged by removing approximately three casing volumes of water from the well using a clean disposable bailer or electrical submersible purge pump equipped with a flow-through cell. Purge volumes are calculated prior to purging. During purging, the temperature, pH, and electrical conductivity of the purge water are monitored. Dissolved oxygen is also measured in the flow-through cell. The well is considered to be sufficiently purged when the four casing volumes have been removed; the temperature, pH, and conductivity values have stabilized to within 10% of the initial readings; and the groundwater being removed is relatively free of suspended solids. After purging, groundwater levels are allowed to stabilize to within 80% of the initial water level reading. A water sample is then collected from each well with a clean, disposable polyethylene bailer. If the well is bailed or pumped dry prior to removing the minimum amount of water, the groundwater is allowed to recharge. If the well has recharged to within 80% of the initial depth to water reading within two hours, the well will continue to be purged until the minimum volume of water has been removed. If the well has not recharged to at least 80% of the initial depth to water reading within two hours, the well is considered to contain formational water and a groundwater sample is collected. Groundwater removed from the well is stored in 55-gallon drums at the site and labeled pending disposal.

In wells where free product is detected, the wells will be bailed to remove the free product. An estimate of the volume of product and water will be recorded. If the free product thickness is reduced to the point where a measurable thickness is no longer present in the well, a groundwater sample will be collected. If free product persists throughout the purging process, a final free product thickness measurement will be taken and a groundwater sample will not be collected.

Groundwater samples are stored in 40-milliliter vials so that air passage through the sample is minimized (to prevent volatilization of the sample). The vial is tilted and filled slowly until an upward convex meniscus forms over the mouth of the vial. The Teflon™ side of the septum (in cap) is then placed

against the meniscus, and the cap is screwed on tightly. The sample is then inverted and the bottle is tapped lightly to check for air bubbles. If an air bubble is present in the vial, the cap is removed and more sample is transferred from the bailer. The vial is then resealed and rechecked for air bubbles. The sample is then appropriately labeled and stored on ice from the time of collection through the time of delivery to the laboratory. The chain-of-custody form is completed to ensure sample integrity. Groundwater samples are transported to a state-certified laboratory and analyzed within the U.S. Environmental Protection Agency-specified hold times for the specified analytes.

ATTACHMENT B

FIELD DATA SHEETS

TRINITY
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TRINITY WELLHEAD INSPECTION FORM

Site Address: Kawahara 16550 Ashland Ave, San Lorenzo, CA Date: 5/6/11

Project No.: 307.001.002 Technician: Eric Choi Page: of

Well ID	Well Inspected-No Corrective Action Required	Well Box Meets Compliance Requirements *see below	Water Pumped From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
MW-3	Yes	Yes	NO	NO	NO	NO	NO	NO	
	↓	↓	↓	↓	↓	↓	↓	↓	
MW-4									
MW-5									

*Well box must meet all three criteria to be compliant: 1) WELL IS SECURABLE BY DESIGN (12" or less) 2) WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12" or less) 3) WELL TAG IS PRESENT, SECURE AND CORRECT

Notes: All wells in good condition, drum is stored outside of garage.

Field Data Sheet

Depth to Water Data Form

Site Information

1550 Ashbrel Ave — Project Address
5/6/11 — Date
307.001.002 — Project Number
San Lorenzo — City
Alameda — County
CA — State

TRINITY source group, inc.
Environmental Consultants

Water Level Equipment

☒ Electronic Indicator
☐ Oil Water Interface Probe
☐ Other (Specify)

Measured by:
Name ERIC CHOI
Notes:

Well ID	DTW Order	Time (2400)	Total Depth	First DTW (toc or tob)	Second DTW (toc or tob)	Depth to SPH (toc or tob)	SPH Thickness (toc or tob)	Notes: (describe SPH)
MW-4	1st	1202	19.55	8.40	8.40			
MW-5	2nd	1207	19.85	6.56	6.56			
MW-3	3rd	1203	19.05	7.73	7.73			

Signature

TEST EQUIPMENT CALIBRATION LOG

TRINITY
source group, inc.
Environmental Consultants
500 Chestnut Street, Suite 225
Santa Cruz, California 95060

Site: Kahahara Nursery | Date: 5/20/09 | Project No.: 357.001.01

Equipment Name	Equipment Number	Date/Time of Test	Standards Used	Equipment Reading	Calibrated to : or within 10%:	Temp.	Initials
Ultrameter II		5/20/09 @ 1100	4 7 10	4.02 7.01 9.99	Yes	17.6	EC
Ultrameter II		11/5/09 @ 1110	4,7,10	4.04 7.00 9.98	Yes	21.6	EC
Ultrameter II		5/13/10 @ 1250	4,7,10	4.01 9.99 7.00	Yes		EC
Ultrameter II		11/2/10 @	4,7,10	4.00, 7.00 10.10	Yes	26.5	EC
Ultrameter II		5/6/11 @ 1220	4,7,10	4.01, 7.02 10.00	Yes	19.1	EC

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Trinity SPH or Purge Water Drum Log

Site: Kawahara Nursery
1550 Ashland Ave
San Lorenzo, CA

Status of Drum(s) Upon Arrival

Date	11/05/09	5/13/10	11/2/10	5/6/11				
Number of drum(s) Empty:	3	~~0~~	1	1				
Number of drum(s) 1/4 full:		1						
Number of drum(s) 1/2 full:				1				
Number of drum(s) 3/4 full:			1					
Number of drum(s) full:	~~0~~							
Total drum(s) on site:	3	1	1	1				
Are drum(s) properly labeled?	empty	Yes	Yes	Yes				
Drum ID and Contents:	empty	Purge H2O	Purge H2O	Empty				

Note:
If you add any SPH to an empty/partially filled drum, drum must have at least 20 gals. of purgewater or DI water.
If drum contains SPH, the drum MUST be steel AND labeld with appropriate label.
All Trinity drums MUST be labeld appropriately.

Status of Drum(s) Upon Departure

Date	11/05/09	5/13/10	11/2/10	5/6/11				
Number of drum(s) Empty:	2	~~0~~						
Number of drum(s) 1/4 full:	1		1					
Number of drum(s) 1/2 full:				1				
Number of drum(s) 3/4 full:		1						
Number of drum(s) full:			1	~~0~~				
Total drum(s) on site:	1	1	2	1				
Are drum(s) properly labeled?	Yes	Yes	Yes	Yes				
Drum ID and Contents:	Purge H2O	Purge H2O	Purge H2O	Purge H2O				

Location of Drum(s)

Describe location of drum(s): 11/5/09 took the 2 remaining drums to Crescent for disposal
5/13/10 1 drum near old system/basement area

Final Status

site this event								
Date of inspection:	11/5/09	5/13/10	11/2/10	5/6/11				
Drum(s) labeled properly:	Yes	Yes	Yes	Yes				
Logged by Trinity Field Tech:	Yes	Yes	Yes	Yes				
Office reviewed:								

TRINITY
source group, inc.
Environmental Consultants
500 Chestnut Street, Suite 225
Santa Cruz, California 95060

Well Purge and Sampling Log

Site: Kawahara Nursery, Inc.

Sampler: Eric Choi

Date: 5/6/11 **Project #:**307.001.002

Well ID: MW-3

Well Diameter	TD BTOC	DTW BTOC	Purge Equipment	Sample Equipment
2"	19.05'	7.73'	12VDC PUMP	Disposable Bailer

Purge Volume Calculation

TD 19.05 DTW 7.73 = 11.32 x Gallons per Linear Foot 0.16 = 1.8 x Number of Casings 3 = ~5 1/2 gallons

Time (24 hour)	1307	1309	1310	1311			
Gallons Purged	1 1/2	3 1/2	4 1/2	5 1/2			
DO (mg/L)	2.79	1.33	1.14	1.09			
pH	6.88	6.88	6.88	6.89			
Temperature (°C)	16.6	16.8	16.9	16.8			
Conductivity (umhos/cm²)	1074	1045	1033	1025			
ORP (mV)	95	8	-48	-58			
Visual Description	clear	→	→	→			
Other							
Other							

Sample ID	Time	Quantity	Volume	Type	Preservative	Analysis
MW-3	1314	3	40ml	Voa	HCl	TPHg-8015 BTEX, MTBE-8260
		2	1L	Amber	None	TPHd-8015

Notes:

slight aged product odor

Casing Diameter	Gallons per Linear Foot
1.25"	0.077
1.5"	0.10
2"	0.16
3"	0.37
3.5"	0.50
4"	0.65
6"	1.46
8"	2.60

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Santa Cruz, California 95060

Well Purge and Sampling Log

Site: Kawahara Nursery, Inc.

Sampler: Eric Choi

Date: 5/6/11 **Project #:**307.001.002

Well ID: MW-4

Well Diameter	TD BTOC	DTW BTOC	Purge Equipment	Sample Equipment
2"	19.55'	8.40'	12VDC PUMP	Disposable Bailer

Purge Volume Calculation

TD ____ - DTW 19.55 = 8.40 x Gallons per Linear Foot 11.15 = 0.78 x Number of Casings 3 = 25 1/2 gallons

Time (24 hour)	1229	1230	1231	1232	1233		
Gallons Purged	1	2 1/2	3 1/2	4 1/2	5 1/2		
DO (mg/L)	7.17	6.87	5.41	5.20	3.79		
pH	6.88	6.88	6.88	6.88	6.88		
Temperature (°C)	16.5	16.4	16.4	16.4	16.4		
Conductivity (umhos/cm^2)	953.0	920.1	809.8	809.3	809.7		
ORP (mV)	17	11	7	0	-4		
Visual Description	clear	→	→	→	→		
Other							
Other							

Sample ID	Time	Quantity	Volume	Type	Preservative	Analysis
MW-4	1235	3	40ml	Voa	HCl	TPHg-8015 BTEX, MTBE-8260
		2	1L	Amber	None	TPHd-8015

Notes:

Casing Diameter	Gallons per Linear Foot
1.25"	0.077
1.5"	0.10
2"	0.16
3"	0.37
3.5"	0.50
4"	0.65
6"	1.46
8"	2.60

TRINITY
source group, inc.
Environmental Consultants
500 Chestnut Street, Suite 225
Santa Cruz, California 95060

Well Purge and Sampling Log

Site: Kawahara Nursery, Inc.

Sampler: Eric Choi

Date: 5/6/11 **Project #:**307.001.002

Well ID: MW-5

Well Diameter	TD BTOC	DTW BTOC	Purge Equipment	Sample Equipment
2"	19.85'	6.56'	12VDC PUMP	Disposable Bailer

Purge Volume Calculation

TD 19.85 DTW 6.56 = 13.29 x Gallons per Linear Foot 0.16 = 2.12 x Number of Casings 3 ≈ 6 1/2 gallons

Time (24 hour)	1247	1249	1250	1251	1252		
Gallons Purged	1 1/2	3 1/2	4 1/2	5 1/2	6 1/2		
DO (mg/L)	2.68	1.50	1.39	1.28	0.94		
pH	6.87	6.88	6.88	6.88	6.88		
Temperature (°C)	17.5	17.5	17.5	17.5	17.5		
Conductivity (umhos/cm²)	916.5	915.8	914.9	914.4	912.8		
ORP (mV)	-11	-31	-25	-34	-44		
Visual Description	clear						
Other							
Other							

Sample ID	Time	Quantity	Volume	Type	Preservative	Analysis
MW-5	1255	3	40ml	Voa	HCl	TPHg-8015 BTEX, MTBE-8260
		2	1L	Amber	None	TPHd-8015

Notes:

Casing Diameter	Gallons per Linear Foot
1.25"	0.077
1.5"	0.10
2"	0.16
3"	0.37
3.5"	0.50
4"	0.65
6"	1.46
8"	2.60

ATTACHMENT C

CERTIFIED ANALYTICAL REPORT, CHAIN-OF-CUSTODY AND GEOTRACKER UPLOAD DOCUMENTATION

David Reinsma
Trinity Source Group
500 Chestnut St,Suite 225
Santa Cruz, California 95060
Tel: 831-426-5600;Cell 831-227 4724
Fax: 831-426-5602
Email: dar@tsgcorp.net

RE: 16550 Ashland Ave

Work Order No.: 1105044

Dear David Reinsma:

Torrent Laboratory, Inc. received 3 sample(s) on May 06, 2011 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

Patti Sandrock

May 13, 2011
Date

Date: 5/13/2011

Client: Trinity Source Group

Project: 16550 Ashland Ave

Work Order: 1105044

CASE NARRATIVE

No issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 05/06/11
Date Reported: 05/13/11

MW-3 1105044-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Ethyl Benzene	SW8260B	1	0.15	0.50	13	ug/L
m,p-Xylene	SW8260B	1	0.20	1.0	57	ug/L
o-Xylene	SW8260B	1	0.13	0.50	7.6	ug/L
TPH(Gasoline)	M8015	1	22	50	600	ug/L
TPH as Diesel	SW8015B(M)	1	0.0400	0.10	0.15	mg/L

MW-4 1105044-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

MW-5 1105044-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 05/06/11
Date Reported: 05/13/11

Client Sample ID:	MW-3	**Lab Sample ID:**	1105044-001A
Project Name/Location:	16550 Ashland Ave	**Sample Matrix:**	Groundwater
Project Number:	307.001.002		
Date/Time Sampled:	05/06/11 / 13:14		
Tag Number:	16550 Ashland Ave		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	05/09/11	1	0.38	0.50	ND		ug/L	404909	NA
Benzene	SW8260B	NA	05/09/11	1	0.33	0.50	ND		ug/L	404909	NA
Toluene	SW8260B	NA	05/09/11	1	0.19	0.50	ND		ug/L	404909	NA
Ethyl Benzene	SW8260B	NA	05/09/11	1	0.15	0.50	13		ug/L	404909	NA
m,p-Xylene	SW8260B	NA	05/09/11	1	0.20	1.0	57		ug/L	404909	NA
o-Xylene	SW8260B	NA	05/09/11	1	0.13	0.50	7.6		ug/L	404909	NA
(S) Dibromofluoromethane	SW8260B	NA	05/09/11	1	61.2	131	108		%	404909	NA
(S) Toluene-d8	SW8260B	NA	05/09/11	1	75.1	127	106		%	404909	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/09/11	1	64.1	120	113		%	404909	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	M8015	NA	05/12/11	1	22	50	600		ug/L	404951	NA
(S) TFT	M8015	NA	05/12/11	1	58.4	133	61.4		%	404951	NA

NOTE: Result is elevated due to contribution from heavy end hydrocarbons (possibly aged gasoline).

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/9/11	05/09/11	1	0.0400	0.10	0.15	x	mg/L	404914	2569
TPH as Motor Oil	SW8015B(M)	5/9/11	05/09/11	1	0.0900	0.20	ND		mg/L	404914	2569
Pentacosane (S)	SW8015B(M)	5/9/11	05/09/11	1	64.2	123	87.4		%	404914	2569

NOTE: x-Not typical of Diesel standard pattern (unknown hydrocarbons present).

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 05/06/11
Date Reported: 05/13/11

Client Sample ID:	MW-4	**Lab Sample ID:**	1105044-002A
Project Name/Location:	16550 Ashland Ave	**Sample Matrix:**	Groundwater
Project Number:	307.001.002		
Date/Time Sampled:	05/06/11 / 12:35		
Tag Number:	16550 Ashland Ave		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	05/09/11	1	0.38	0.50	ND		ug/L	404909	NA
Benzene	SW8260B	NA	05/09/11	1	0.33	0.50	ND		ug/L	404909	NA
Toluene	SW8260B	NA	05/09/11	1	0.19	0.50	ND		ug/L	404909	NA
Ethyl Benzene	SW8260B	NA	05/09/11	1	0.15	0.50	ND		ug/L	404909	NA
m,p-Xylene	SW8260B	NA	05/09/11	1	0.20	1.0	ND		ug/L	404909	NA
o-Xylene	SW8260B	NA	05/09/11	1	0.13	0.50	ND		ug/L	404909	NA
(S) Dibromofluoromethane	SW8260B	NA	05/09/11	1	61.2	131	104		%	404909	NA
(S) Toluene-d8	SW8260B	NA	05/09/11	1	75.1	127	104		%	404909	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/09/11	1	64.1	120	118		%	404909	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	M8015	NA	05/12/11	1	22	50	ND		ug/L	404951	NA
(S) TFT	M8015	NA	05/12/11	1	58.4	133	104		%	404951	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/9/11	05/09/11	1	0.0400	0.10	ND		mg/L	404914	2569
TPH as Motor Oil	SW8015B(M)	5/9/11	05/09/11	1	0.0900	0.20	ND		mg/L	404914	2569
Pentacosane (S)	SW8015B(M)	5/9/11	05/09/11	1	64.2	123	86.6		%	404914	2569

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 05/06/11
Date Reported: 05/13/11

Client Sample ID:	MW-5	**Lab Sample ID:**	1105044-003A
Project Name/Location:	16550 Ashland Ave	**Sample Matrix:**	Groundwater
Project Number:	307.001.002		
Date/Time Sampled:	05/06/11 / 12:55		
Tag Number:	16550 Ashland Ave		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	05/09/11	1	0.38	0.50	ND		ug/L	404909	NA
Benzene	SW8260B	NA	05/09/11	1	0.33	0.50	ND		ug/L	404909	NA
Toluene	SW8260B	NA	05/09/11	1	0.19	0.50	ND		ug/L	404909	NA
Ethyl Benzene	SW8260B	NA	05/09/11	1	0.15	0.50	ND		ug/L	404909	NA
m,p-Xylene	SW8260B	NA	05/09/11	1	0.20	1.0	ND		ug/L	404909	NA
o-Xylene	SW8260B	NA	05/09/11	1	0.13	0.50	ND		ug/L	404909	NA
(S) Dibromofluoromethane	SW8260B	NA	05/09/11	1	61.2	131	116		%	404909	NA
(S) Toluene-d8	SW8260B	NA	05/09/11	1	75.1	127	100		%	404909	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	05/09/11	1	64.1	120	111		%	404909	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	M8015	NA	05/12/11	1	22	50	ND		ug/L	404951	NA
(S) TFT	M8015	NA	05/12/11	1	58.4	133	79.8		%	404951	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	5/9/11	05/09/11	1	0.0400	0.10	ND		mg/L	404914	2569
TPH as Motor Oil	SW8015B(M)	5/9/11	05/09/11	1	0.0900	0.20	ND		mg/L	404914	2569
Pentacosane (S)	SW8015B(M)	5/9/11	05/09/11	1	64.2	123	83.5		%	404914	2569

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1105044	**Prep Method:**	3510_TPH	**Prep Date:**	05/09/11	**Prep Batch:**	2569
Matrix:	Water	**Analytical Method:**	SW8015B(M)	**Analyzed Date:**	05/09/11	**Analytical Batch:**	404914
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH as Diesel	0.0440	0.10	ND	
TPH as Motor Oil	0.0920	0.20	ND	
Pentacosane (S)			85.4	

Work Order:	1105044	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	05/09/11	**Analytical Batch:**	404909
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.41	0.50	ND	
Chloromethane	0.41	0.50	ND	
Vinyl Chloride	0.37	0.50	ND	
Bromomethane	0.37	0.50	ND	
Trichlorofluoromethane	0.34	0.50	ND	
1,1-Dichloroethene	0.29	0.50	ND	
Freon 113	0.38	0.50	ND	
Methylene Chloride	0.18	5.0	ND	
trans-1,2-Dichloroethene	0.31	0.50	ND	
MTBE	0.38	0.50	ND	
tert-Butanol	1.5	5.0	2.3	
Diisopropyl ether (DIPE)	0.36	0.50	ND	
1,1-Dichloroethane	0.28	0.50	ND	
ETBE	0.40	0.50	ND	
cis-1,2-Dichloroethene	0.33	0.50	ND	
2,2-Dichloropropane	0.37	0.50	ND	
Bromochloromethane	0.34	0.50	ND	
Chloroform	0.29	0.50	ND	
Carbon Tetrachloride	0.26	0.50	ND	
1,1,1-Trichloroethane	0.32	0.50	ND	
1,1-Dichloropropene	0.40	0.50	ND	
Benzene	0.33	0.50	ND	
TAME	0.32	0.50	ND	
1,2-Dichloroethane	0.28	0.50	ND	
Trichloroethylene	0.38	0.50	ND	
Dibromomethane	0.21	0.50	ND	
1,2-Dichloropropane	0.37	0.50	ND	
Bromodichloromethane	0.23	0.50	ND	
2-Chloroethyl vinyl ether	0.91	2.0	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1105044	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	05/09/11	**Analytical Batch:**	404909
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
cis-1,3-Dichloropropene	0.30	0.50	ND		
Toluene	0.19	0.50	ND		
Tetrachloroethylene	0.15	0.50	ND		
trans-1,3-Dichloropropene	0.20	0.50	ND		
1,1,2-Trichloroethane	0.20	0.50	ND		
Dibromochloromethane	0.21	0.50	ND		
1,3-Dichloropropane	0.18	0.50	ND		
1,2-Dibromoethane	0.19	0.50	ND		
Chlorobenzene	0.14	0.50	ND		
Ethyl Benzene	0.15	0.50	ND		
1,1,1,2-Tetrachloroethane	0.10	0.50	ND		
m,p-Xylene	0.20	1.0	ND		
o-Xylene	0.13	0.50	ND		
Styrene	0.20	0.50	ND		
Bromoform	0.45	1.0	ND		
Isopropyl Benzene	0.28	0.50	ND		
Bromobenzene	0.39	0.50	ND		
1,1,2,2-Tetrachloroethane	0.26	0.50	ND		
n-Propylbenzene	0.30	0.50	ND		
2-Chlorotoluene	0.33	0.50	ND		
1,3,5-Trimethylbenzene	0.20	0.50	ND		
4-Chlorotoluene	0.32	0.50	ND		
tert-Butylbenzene	0.29	0.50	ND		
1,2,3-Trichloropropane	0.59	1.0	ND		
1,2,4-Trimethylbenzene	0.33	0.50	ND		
sec-Butyl Benzene	0.24	0.50	ND		
p-Isopropyltoluene	0.25	0.50	ND		
1,3-Dichlorobenzene	0.31	0.50	ND		
1,4-Dichlorobenzene	0.37	0.50	ND		
n-Butylbenzene	0.32	0.50	ND		
1,2-Dichlorobenzene	0.39	0.50	ND		
1,2-Dibromo-3-Chloropropane	0.45	1.0	ND		
Hexachlorobutadiene	0.22	0.50	ND		
1,2,4-Trichlorobenzene	0.48	1.0	ND		
Naphthalene	0.57	1.0	ND		
1,2,3-Trichlorobenzene	0.52	1.0	ND		
Ethanol	100	100	ND	TIC	
(S) Dibromofluoromethane			114		
(S) Toluene-d8			106		
(S) 4-Bromofluorobenzene			112		

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	1105044	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	05/12/11	**Analytical Batch:**	404951
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	22	50	ND		
(S) TFT			59.2		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1105044	**Prep Method:**	3510_TPH	**Prep Date:**	05/09/11	**Prep Batch:**	2569
Matrix:	Water	**Analytical Method:**	SW8015B(M)	**Analyzed Date:**	05/09/11	**Analytical Batch:**	404914
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.0440	0.10	ND	1	83.5	69.9	17.7	50.3 - 125	30	
Pentacosane (S)			ND	100	88.7	85.6		57.9 - 125		

Work Order:	1105044	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	05/09/11	**Analytical Batch:**	404909
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.29	0.50	ND	17.04	87.4	87.4	0.0671	61.4 - 129	30	
Benzene	0.33	0.50	ND	17.04	93.3	85.3	9.00	66.9 - 140	30	
Trichloroethylene	0.38	0.50	ND	17.04	98.7	84.7	15.1	69.3 - 144	30	
Toluene	0.19	0.50	ND	17.04	89.0	90.7	1.63	76.6 - 123	30	
Chlorobenzene	0.14	0.50	ND	17.04	84.9	86.5	1.64	73.9 - 137	30	
(S) Dibromofluoromethane			ND	11.36	114	109		61.2 - 131		
(S) Toluene-d8			ND	11.36	105	111		75.1 - 127		
(S) 4-Bromofluorobenzene			ND	11.36	107	109		64.1 - 120		

Work Order:	1105044	**Prep Method:**	NA	**Prep Date:**	NA	**Prep Batch:**	NA
Matrix:	Water	**Analytical Method:**	SW8015B	**Analyzed Date:**	05/12/11	**Analytical Batch:**	404951
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH(Gasoline)	22	50	ND	227.27	91.9	89.8	2.23	52.4 - 127	30	
(S) TFT			59.2	113.6	97.5	106		58.4 - 133		

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit (PQL) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg.m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the anlayte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Trinity Source Group

Project Name: 16550 Ashland Ave

Work Order No.: 1105044

Date and Time Received: 5/6/2011 14:30

Received By: Vinu Patel

Physically Logged By: PS

Checklist Completed By: PS

Carrier Name: Client Droped off

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	No

Sample Receipt Information

Custody seals intact on shipping container/cooler?	No
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes			
Container/Temp Blank temperature in compliance?	Yes	Temperature:	11	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?	N/A			

pH Checked by: pH Adjusted by:

Chilling Begun

Login Summary Report

Client ID: TL5109 Trinity Source Group
Project Name: 16550 Ashland Ave
Project # : 307.001.002
Report Due Date: 5/13/2011

QC Level:
TAT Requested: 5+ day:0
Date Received: 5/6/2011
Time Received: 14:30

Comments: 5 DAy TAT!! 3 Wateres rec'd @ 11'C (Chilling begun) for TPHG, MBTEX and TPHD. Needs EDF! Report to Dave!

Work Order # : ***1105044***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
1105044-001A	MW-3	05/06/11 13:14	Water	06/20/11			EDF W_GC GRO W_8260MBTEX W_TPHDO	
1105044-002A	MW-4	05/06/11 12:35	Water	06/20/11			W_GC GRO W_8260MBTEX W_TPHDO	
1105044-003A	MW-5	05/06/11 12:55	Water	06/20/11			W_GC GRO W_TPHDO W_8260MBTEX	

Torrent LABORATORY, INC.

TORRENT LABORATORY, INC.

483 Sinclair Frontage Road, Milpitas, CA 95035
Phone: 408.263.5258 • FAX: 408.263.8293
www.torrentlab.com • email: analysis@torrentlab.com

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 1105044

Company Name: TRINITY SOURCE GROUP, INC.	Location of Sampling: 16550 Ashland Ave San Lorenzo, CA
Address: 50 CHESTNUT st, ste 225	Purpose: ISA 2011 GWM event
City: Santa Cruz State: CA Zip Code: 95060	Special Instructions / Comments:
Telephone: (831) 426-5600 FAX: (831) 426-5602	Global ID # T0600101605
REPORT TO: Dave Reinsma SAMPLER: ERIC CHOI	P.O. #: 307.001.002 EMAIL: LabsTrinity@gmail.com

TURNAROUND TIME:
☐ 10 Working Days ☐ 3 Working Days ☐ 2 - 8 Hours
☐ 7 Working Days ☐ 2 Working Days ☐ Other
☒ 5 Working Days ☐ 24 Hours

SAMPLE TYPE:
☐ Storm Water ☐ Other
☐ Waste Water
☒ Ground Water
☐ Soil

REPORT FORMAT:
☐ QC Level II
☒ EDF
☐ Excel / EDD

CLIENT'S SAMPLE I.D.	DATE/TIME SAMPLED	SAMPLE TYPE	# OF CONT	CONT TYPE	TPHg EPA 8015	BTEX, MTBE 8260	TPHdiesel 8015							TORRENT'S SAMPLE I.D.
1. MW-3	5/6/11 @ 1314	WATER	3	VOAs	X	X	X			001				Temp - 11°C
2. MW-4	5/6/11 @ 1235		2	1L AMBER	X	X	X			002				
3. MW-5	5/6/11 @ 1255	↓	↓	↓	X	X	X			003				
4.														
5.														
6.														
7.														
8.														
9.														
10.														

TORRENT LAB

	Relinquished By:	Date:	Time:	Received By:	Date:	Time:
1	ERIC CHOI	5/6/11	1430	V Patel	5/6/11	1430
2	Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Were Samples Received in Good Condition? ☐ Yes ☐ NO Samples on Ice? ☐ Yes ☐ NO Method of Shipment _____ Sample seals intact? ☐ Yes ☐ NO

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Log In By: _____ Date: _____ Log In Reviewed By: _____ Date: _____ Page _____

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A EDF FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	**EDF - Monitoring Report - Semi-Annually**
Submittal Title:	**FIRSTSEMI-ANNUAL2011GROUNDWATERMONITORINGDATA**
Facility Global ID:	**T0600101605**
Facility Name:	**KAWAHARA NURSERY**
File Name:	**TSG 1105044 16550 Ashland Ave EDF.zip**
Organization Name:	**Trinity Source Group, Inc.**
Username:	**TRINITY SOURCE GROUP**
IP Address:	**69.198.129.110**
Submittal Date/Time:	**6/3/2011 1:59:54 PM**
Confirmation Number:	1765482604

VIEW QC REPORT

VIEW DETECTIONS REPORT

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_WELL FILE

SUCCESS

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Type:	GEO_WELL
Submittal Title:	FRIRSTSEMI-ANNUAL2011DEPTH-TO-WATERDATA
Facility Global ID:	Multiple Global IDs
Facility Name:	Multiple Facilities
File Name:	GEO_WELL.zip
Organization Name:	Trinity Source Group, Inc.
Username:	TRINITY SOURCE GROUP
IP Address:	69.198.129.110
Submittal Date/Time:	6/3/2011 2:00:46 PM
Confirmation Number:	1467625439