Jan. 5, 2010

Mr. Steven Plunkett
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 Mr. Steven Plunkett,

"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

SECOND SEMI-ANNUAL 2009 GROUNDWATER MONITORING REPORT

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:** **REGULATORY ADDRESS:**	Mr. Steven Plunkett 1131 Harbor Bay Pkwy. Suite 250 Alameda, California 94502-6577
CONTACT ADDRESS:	John Kawahara Kawahara Nursey, Inc. 689 Burnett Ave. Morgan Hill, CA 95037	**REGULATOR'S PHONE:**	(510) 567-6700
PHONE:	(408) 640-4289	**LOCAL CASE#:** **GEOTRACKER GLOBAL ID:**	RO0000291 T0600101605

GAUGING DATE:	November 5, 2009
SAMPLING DATE:	November 5, 2009
REPORT DATE:	January 5, 2010
CURRENT SITE STATUS:	Operating Nursery
MONITORING PERIOD:	Second Semi-Annual 2009 (Fourth Quarter)

WORK PERFORMED:

Groundwater monitoring wells gauged, sampled and analyzed for the presence of gasoline-range total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and total xylenes (collectively BTEX), and methyl tertiary butyl ether (MTBE) using EPA Method 8015M and EPA Method 8260B.

GROUNDWATER MONITORING:

Number of Wells:	3
Liquid Phase Hydrocarbons (LPH):	None
Wells Gauged:	3
Wells Sampled:	3
Groundwater Elevation:	Between 31 and 33 feet above mean sea level (msl)
Groundwater Flow:	Northwest

Hydraulic Gradient: 0.003 feet per feet

CURRENT STATUS:

Three groundwater monitoring wells were gauged and sampled by Trinity Source Group, Inc. (Trinity). Wells MW-3 through MW-5 are sampled on a semi-annual basis during the second and fourth quarters of each year. Results of the second semi-annual sampling event are included in Table 1 of this report.

- TPHg was detected in only one of the three sampled wells at concentrations of 170 parts per billion (ppb) in Well MW-3, with a laboratory note stating, "Sample chromatogram does not resemble gasoline standard pattern. Report value due to presence of heavy end non-gasoline compounds within range of C5-C12 quantified as Gasoline."
- Benzene was not detected in any of the three sampled wells.
- MTBE was not detected in any of the three sampled wells.
- Ethylbenzene was detected only in Well MW-3 at a concentration of 3.4 ppb.
- Total xylenes were detected only in Well MW-3 at a concentration of 5.6 ppb.

RECOMMENDATIONS:

- Continue monitoring and sampling of Wells MW-3 through MW-5 for the presence of TPHg, BTEX, and MTBE, using EPA Method 8015M and 8260B, during the first semi-annual event in the second quarter of 2010.
- Prepare a First Semi-Annual 2010 Groundwater Monitoring Report.
- Schedule a regulatory meeting to discuss low-risk case closure.

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

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 – November 5, 2009
Figure 3:	Chemical Concentration Map – November 5, 2009
Attachment A:	Field Procedures
Attachment B:	Field Data Sheets
Attachment C:	Certified Analytical Report, Chain-of-Custody and GeoTracker Upload Documentation
Attachment D:	Purge Water Disposal 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**

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-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
	3/29/1995		6.95	92.57	18,000	<50*	1,600	1,400	780	6,200	NA
	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]

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-3 cont.	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-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
	11/8/1994		NM	NM	<50	<50	<0.5	<0.5	<0.5	<0.5	NA
	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]

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-4 cont.	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**
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]

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-5 cont.	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**
	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

Table 1
Groundwater Monitoring Data

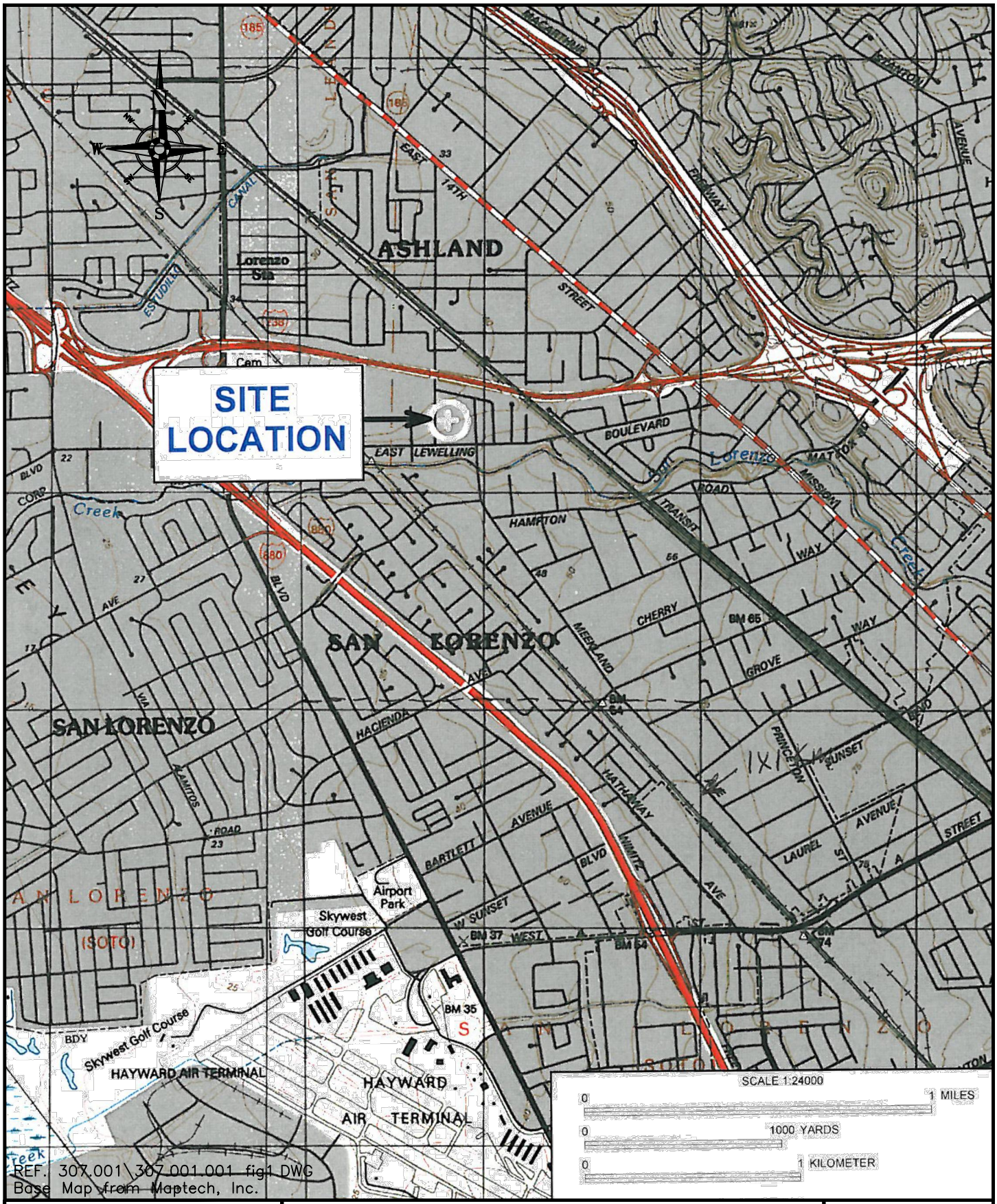
Kawahara Nursery
16550 Ashland Avenue,
San Lorenzo, California

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)

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
N/A = Not applicable
NA = Not analyzed
NM = Not Measured
NS = Not sampled
ESL = Environmental Screening Level
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.

FIGURES



REF. 307.001\307.001.001 fig1.DWG
Base Map from Maptech, Inc.

PREPARED BY

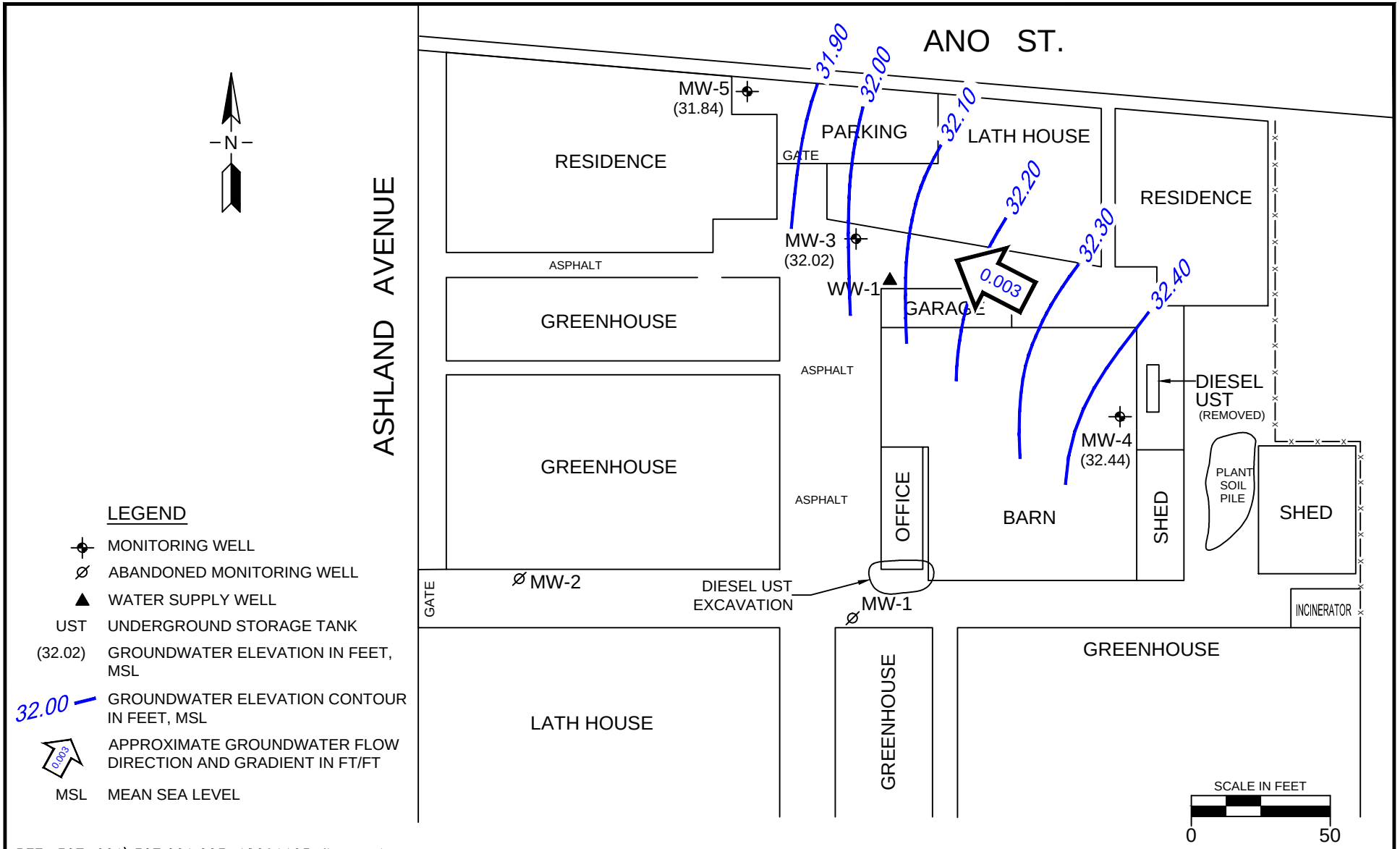
TRINITY source group, inc.
Environmental Consultants
500 Chestnut Street, Suite 225
Santa Cruz, California 95060
v: 831.426.5600
f: 831.426.5602

SITE LOCATION MAP

Kawahara Nursery
16550 Ashland Ave.
San Lorenzo, California

PROJECT:
307.001.001

FIGURE:
1



REF. 307_001\307.001.003 4Q091105 figures.dwg

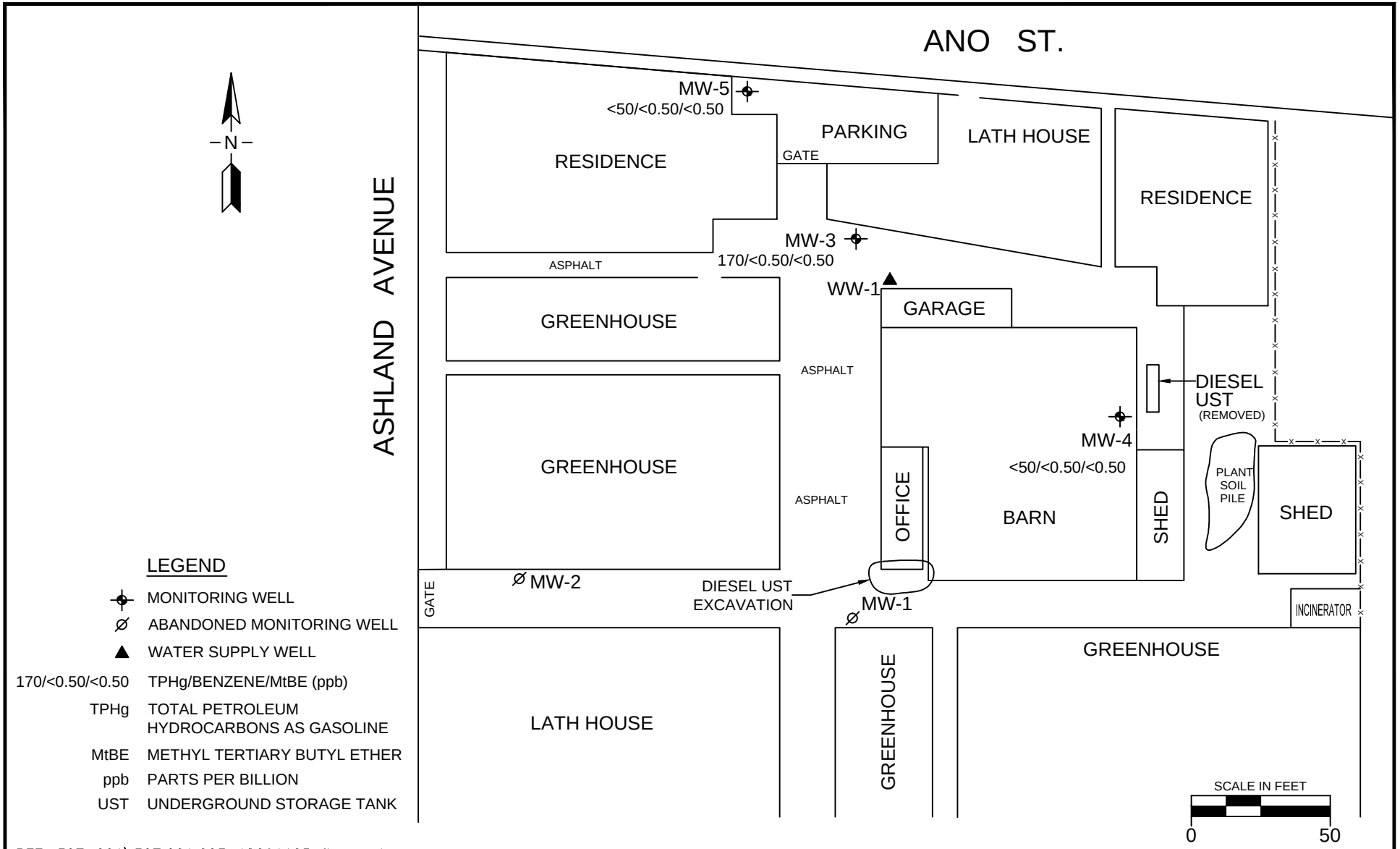
PREPARED BY
TRINITY source group, inc.
Environmental Consultants
500 Chestnut Street, Suite 225
Santa Cruz, California 95060
v: 831.426.5600
f: 831.426.5602

GROUNDWATER ELEVATION CONTOUR MAP, NOVEMBER 5, 2009

Kawahara Nursery
16550 Ashland Ave.
San Lorenzo, California

PROJECT:
307.001.003

FIGURE:
2



LEGEND

⌖	MONITORING WELL
⌀	ABANDONED MONITORING WELL
▲	WATER SUPPLY WELL
170/<0.50/<0.50	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 4Q091105 figures.dwg

PREPARED BY
TRINITY source group, inc.
Environmental Consultants
500 Chestnut Street, Suite 225
Santa Cruz, California 95060
v: 831.426.5600
f: 831.426.5602

CHEMICAL CONCENTRATION MAP, NOVEMBER 5, 2009

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 four 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
source group, inc.
Environmental Consultants
500 Chestnut Street, Suite 225
Santa Cruz, California 95060
V: 831.426.5600
F: 831.426.5602

TRINITY WELLHEAD INSPECTION FORM

Site Address: 16550 Ashland Ave, San Lorenzo, CA Date: 11/5/09

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	Yes	Yes	No	No	No	No	No	No	
MW-5	Yes	Yes	No	No	No	No	No	No	

*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 conditions, upon arrival 3 empty drums in "garage" (from figure) 2-steel 1-poly, took 2 empty to Crescent.

TEST EQUIPMENT CALIBRATION LOG

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

Site: Kawahara Nursery			Date: 5/20/09		Project No.: 307.001.01		
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	~~9.02~~ 4.02 ~~7.01~~ 7.01 ~~9.99~~ 9.99	Yes	17.6	EC
Ultrameter II		11/5/09 @ 1110	4,7,10	~~4.04~~ 4.04 ~~7.00~~ 7.00 ~~9.98~~ 9.98	Yes	21.6	EC

Field Data Sheet

Depth to Water Data Form

Site Information

16550 Ashland Ave — ~~10/5/04~~ 11/5/09 — 307.001.

Project Address — Date — Project Number

San Lorenzo — _____ — CA

City — County — State

TRINITY source group, inc.
Environmental Consultants

Water Level Equipment

Measured by: ERIC CHOI

☒ Electronic Indicator

☐ Oil Water Interface Probe

☐ Other (Specify)

Name

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	1033	19.60	11.38	11.38			
MW-5	2nd	1038	19.85	9.65	9.65			
MW-3	3rd	1042	18.90	10.84	10.84			

Signature _____

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

Well Purge and Sampling Log

Site: Kawahara Nursery, San Lorenzo, Ca

Sampler: Eric Choi

Date: November 5, 2009 **Project #:**307.001.002

Well ID: MW-3

Well Diameter	TD BTOC	DTW BTOC	Purge Equipment	Sample Equipment
2"	18.90	10.84	12 VDC Pump	disposable bailer

Purge Volume Calculation

TD 18.90 - DTW 10.84 = 8.06 x Gallons per Linear Foot 0.16 = 1.2 x Number of Casings 3 = ~3½ gallons

Time (24 hour)	1156	1157	1158	1159	1200	1201	1202
Gallons Purged	¼	1	1½	2	2½	3	3½
DO (mg/L)	1.21	0.48	0.36	0.27	0.22	0.22	0.22
pH	7.65	7.52	7.52	7.51	7.52	7.50	7.45
Temperature (°C)	19.5	19.4	19.4	19.4	19.3	19.2	19.3
Conductivity (umhos/cm²)	904.4	903.0	899.7	895.6	896.0	896.7	897.0
ORP (mV)	-26	-11	-10	-10	-9	-9	-17
Visual Description							
Other NTU's	96.42	48.02	34.83	22.71	17.57	14.27	13.23
Other							

Sample ID	Time	Quantity	Volume	Type	Preservative	Analysis
MW-3	1205	3	40ml	VOA	HCl	TPHg 8015m
						BTEX, MTBE 8260

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, San Lorenzo, Ca

Sampler: Eric Choi

Date: November 5, 2009 **Project #:**307.001.002

Well ID: MW-4

Well Diameter	TD BTOC	DTW BTOC	Purge Equipment	Sample Equipment
2"	19.60	11.38	12VDC Pump	disposable bailer

Purge Volume Calculation

TD 19.6 - DTW 11.38 = 8.22 x Gallons per Linear Foot 0.16 = 1.3 x Number of Casings 3 = ~4 gallons

Time (24 hour)	1118	1120	1122	1123	1124	1126	1127
Gallons Purged	1/2	1	2	2 1/2	3	3 1/2	4
DO (mg/L)	0.89	0.57	0.39	0.36	0.30	0.26	0.26
pH	7.11	7.10	7.12	7.15	7.17	~~8~~ 7.21	7.24
Temperature (°C)	17.7	17.7	17.~~3~~	17.7	17.5	17.6	17.6
Conductivity (umhos/cm²)	878.6	872.5	869.5	867.4	864.7	865.1	862.9
ORP (mV)	6	9	10	10	8	5	3
Visual Description							
Other NTU's	39.45	28.57	16.03	12.94	11.05	10.89	10.57
Other							

Sample ID	Time	Quantity	Volume	Type	Preservative	Analysis
MW-4	1129	3	40ml	VOA	HCl	TPHg 8015m
						BTEX, MTBE 8260

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, San Lorenzo, Ca

Sampler: Eric Choi

Date: November 5, 2009 **Project #:**307.001.002

Well ID: MW-5

Well Diameter	TD BTOC	DTW BTOC	Purge Equipment	Sample Equipment
2"	19.85	9.65	12VDC Pump	disposable bailer

Purge Volume Calculation

TD 19.85 - DTW 9.65 = 10.20 x Gallons per Linear Foot 0.16 = 1.6 x Number of Casings 3 = ~5 gallons

Time (24 hour)	1138	1140	1142	1144	1145	1146	
Gallons Purged	1	2	3	4	4½	5	
DO (mg/L)	0.49	0.31	0.23	0.19	0.17	0.15	
pH	7.41	7.42	7.42	7.43	7.44	7.45	
Temperature (°C)	19.6	19.6	19.6	19.6	19.6	19.6	
Conductivity (umhos/cm²)	883.9	882.1	880.2	878.1	877.4	875.8	
ORP (mV)	-10	-10	-11	-13	-15	-14	
Visual Description							
Other NTU's	439.9	31.25	16.38	10.82	10.15	9.07	
Other							

Sample ID	Time	Quantity	Volume	Type	Preservative	Analysis
MW-5	1148	3	40ml	VOA	HCl	TPHg 8015m
						BTEX, MTBE 8260

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

Torrent
LABORATORY, INC.

November 12, 2009

David Reinsma
Trinity Source Group, Inc
335 Mission St., Suite 225
Santa Cruz, CA 95060

TEL: (831) 426-5600
FAX (831) 426-5602

RE: 307.001.002

Order No.: 0911025

Dear David Reinsma:

Torrent Laboratory, Inc. received 3 samples on 11/5/2009 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.
Reported data is applicable for only the samples received as part of the order number referenced above.

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

Sincerely,

Laboratory Director

11/12/09
Date

Patti Sandrock
QA Officer

TORRENT LABORATORY, INC.

483 Sinclair Frontage Road • Milpitas, CA • Phone: (408) 263-5258 • Fax: (408) 263-8293

Visit us at www.torrentlab.com email: analysis@torrentlab.com

Report prepared for: David Reinsma
Trinity Source Group, Inc

Date Received: 11/5/2009
Date Reported: 11/12/2009

Client Sample ID: MW-3
Sample Location: 16550 Ashland Ave.San Leandro
Sample Matrix: GROUNDWATER
Date/Time Sampled 11/5/2009 12:05:00 PM

Lab Sample ID: 0911025-001
Date Prepared: 11/9/2009

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Benzene	SW8260B	11/9/2009	0.5	1	0.50	ND	µg/L	R21674
Toluene	SW8260B	11/9/2009	0.5	1	0.50	ND	µg/L	R21674
Ethylbenzene	SW8260B	11/9/2009	0.5	1	0.50	3.4	µg/L	R21674
Methyl tert-butyl ether (MTBE)	SW8260B	11/9/2009	0.5	1	0.50	ND	µg/L	R21674
Xylenes, Total	SW8260B	11/9/2009	1.5	1	1.5	5.6	µg/L	R21674
Surr: Dibromofluoromethane	SW8260B	11/9/2009	0	1	61.2-131	116	%REC	R21674
Surr: 4-Bromofluorobenzene	SW8260B	11/9/2009	0	1	64.1-120	104	%REC	R21674
Surr: Toluene-d8	SW8260B	11/9/2009	0	1	75.1-127	104	%REC	R21674
TPH (Gasoline)	SW8260B(TPH)	11/9/2009	50	1	50	170x	µg/L	G21674
Surr: 4-Bromofllurobenzene	SW8260B(TPH)	11/9/2009	0	1	53-118	116	%REC	G21674

Note: x- 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.

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: David Reinsma
Trinity Source Group, Inc

Date Received: 11/5/2009
Date Reported: 11/12/2009

Client Sample ID: MW-4
Sample Location: 16550 Ashland Ave.San Leandro
Sample Matrix: GROUNDWATER
Date/Time Sampled 11/5/2009 11:29:00 AM

Lab Sample ID: 0911025-002
Date Prepared: 11/9/2009

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Benzene	SW8260B	11/9/2009	0.5	1	0.50	ND	µg/L	R21674
Toluene	SW8260B	11/9/2009	0.5	1	0.50	ND	µg/L	R21674
Ethylbenzene	SW8260B	11/9/2009	0.5	1	0.50	ND	µg/L	R21674
Methyl tert-butyl ether (MTBE)	SW8260B	11/9/2009	0.5	1	0.50	ND	µg/L	R21674
Xylenes, Total	SW8260B	11/9/2009	1.5	1	1.5	ND	µg/L	R21674
Surr: Dibromofluoromethane	SW8260B	11/9/2009	0	1	61.2-131	116	%REC	R21674
Surr: 4-Bromofluorobenzene	SW8260B	11/9/2009	0	1	64.1-120	106	%REC	R21674
Surr: Toluene-d8	SW8260B	11/9/2009	0	1	75.1-127	114	%REC	R21674
TPH (Gasoline)	SW8260B(TPH)	11/9/2009	50	1	50	ND	µg/L	G21674
Surr: 4-Bromofllurobenzene	SW8260B(TPH)	11/9/2009	0	1	53-118	110	%REC	G21674

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Report prepared for: David Reinsma
Trinity Source Group, Inc

Date Received: 11/5/2009
Date Reported: 11/12/2009

Client Sample ID: MW-5
Sample Location: 16550 Ashland Ave.San Leandro
Sample Matrix: GROUNDWATER
Date/Time Sampled 11/5/2009 11:48:00 AM

Lab Sample ID: 0911025-003
Date Prepared: 11/9/2009

Parameters	Analysis Method	Date Analyzed	RL	Dilution Factor	MRL	Result	Units	Analytical Batch
Benzene	SW8260B	11/9/2009	0.5	1	0.50	ND	µg/L	R21674
Toluene	SW8260B	11/9/2009	0.5	1	0.50	ND	µg/L	R21674
Ethylbenzene	SW8260B	11/9/2009	0.5	1	0.50	ND	µg/L	R21674
Methyl tert-butyl ether (MTBE)	SW8260B	11/9/2009	0.5	1	0.50	ND	µg/L	R21674
Xylenes, Total	SW8260B	11/9/2009	1.5	1	1.5	ND	µg/L	R21674
Surr: Dibromofluoromethane	SW8260B	11/9/2009	0	1	61.2-131	119	%REC	R21674
Surr: 4-Bromofluorobenzene	SW8260B	11/9/2009	0	1	64.1-120	109	%REC	R21674
Surr: Toluene-d8	SW8260B	11/9/2009	0	1	75.1-127	109	%REC	R21674
TPH (Gasoline)	SW8260B(TPH)	11/9/2009	50	1	50	ND	µg/L	G21674
Surr: 4-Bromofllurobenzene	SW8260B(TPH)	11/9/2009	0	1	53-118	105	%REC	G21674

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

Definitions, legends and Notes

Note	Description
ug/kg	Microgram per kilogram (ppb, part per billion).
ug/L	Microgram per liter (ppb, part per billion).
mg/kg	Milligram per kilogram (ppm, part per million).
mg/L	Milligram per liter (ppm, part per million).
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate.
MDL	Method detection limit.
MRL	Modified reporting limit. When sample is subject to dilution, reporting limit times dilution factor yields MRL.
MS/MSD	Matrix spike/matrix spike duplicate.
N/A	Not applicable.
ND	Not detected at or above detection limit.
NR	Not reported.
QC	Quality Control.
RL	Reporting limit.
% RPD	Percent relative difference.
a	pH was measured immediately upon the receipt of the sample, but it was still done outside the holding time.
sub	Analyzed by subcontracting laboratory, Lab Certificate #

These analyses were performed according to State of California Environmental Laboratory Accreditation program, Certificate # 1991

CLIENT: Trinity Source Group, Inc
Work Order: 0911025
Project: 307.001.002

ANALYTICAL QC SUMMARY REPORT

BatchID: G21674

Sample ID: **MB-G21674** SampType: **MBLK** TestCode: **TPH_GAS_W** Units: **µg/L** Prep Date: **11/9/2009** RunNo: **21674**
Client ID: **ZZZZZ** Batch ID: **G21674** TestNo: **SW8260B(TP** Analysis Date: **11/9/2009** SeqNo: **311209**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	ND	50									
Surr: 4-Bromofllurobenzene	8.900	0	11.36	0	78.3	53	118				

Sample ID: **LCS-G21674** SampType: **LCS** TestCode: **TPH_GAS_W** Units: **µg/L** Prep Date: **11/9/2009** RunNo: **21674**
Client ID: **ZZZZZ** Batch ID: **G21674** TestNo: **SW8260B(TP** Analysis Date: **11/9/2009** SeqNo: **311210**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	195.7	50	227	40	68.6	52.4	127				
Surr: 4-Bromofllurobenzene	8.700	0	11.36	0	76.6	53	118				

Sample ID: **LCSD-G21674** SampType: **LCSD** TestCode: **TPH_GAS_W** Units: **µg/L** Prep Date: **11/9/2009** RunNo: **21674**
Client ID: **ZZZZZ** Batch ID: **G21674** TestNo: **SW8260B(TP** Analysis Date: **11/9/2009** SeqNo: **311211**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (Gasoline)	211.6	50	227	40	75.6	52.4	127	195.7	7.81	20	
Surr: 4-Bromofllurobenzene	13.10	0	11.36	0	115	53	118	0	0	0	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: Trinity Source Group, Inc
Work Order: 0911025
Project: 307.001.002

ANALYTICAL QC SUMMARY REPORT

BatchID: R21674

Sample ID: **BLK-R21674**	SampType: **MBLK**	TestCode: **8260B_W**	Units: **µg/L**	Prep Date: **11/9/2009**	RunNo: **21674**
Client ID: **ZZZZZ**	Batch ID: **R21674**	TestNo: **SW8260B**		Analysis Date: **11/9/2009**	SeqNo: **311368**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.50									
Ethylbenzene	ND	0.50									
Methyl tert-butyl ether (MTBE)	ND	0.50									
Toluene	ND	0.50									
Xylenes, Total	ND	1.5									
Surr: Dibromofluoromethane	11.90	0	11.36	0	105	61.2	131				
Surr: 4-Bromofluorobenzene	12.55	0	11.36	0	110	64.1	120				
Surr: Toluene-d8	11.93	0	11.36	0	105	75.1	127				

Sample ID: **LCS-R21674**	SampType: **LCS**	TestCode: **8260B_W**	Units: **µg/L**	Prep Date: **11/9/2009**	RunNo: **21674**
Client ID: **ZZZZZ**	Batch ID: **R21674**	TestNo: **SW8260B**		Analysis Date: **11/9/2009**	SeqNo: **311369**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	18.09	0.50	17.04	0	106	66.9	140				
Toluene	18.38	0.50	17.04	0	108	76.6	123				
Surr: Dibromofluoromethane	10.67	0	11.36	0	93.9	61.2	131				
Surr: 4-Bromofluorobenzene	12.29	0	11.36	0	108	64.1	120				
Surr: Toluene-d8	11.66	0	11.36	0	103	75.1	127				

Sample ID: **LCSD-R21674**	SampType: **LCSD**	TestCode: **8260B_W**	Units: **µg/L**	Prep Date: **11/9/2009**	RunNo: **21674**
Client ID: **ZZZZZ**	Batch ID: **R21674**	TestNo: **SW8260B**		Analysis Date: **11/9/2009**	SeqNo: **311370**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	18.71	0.50	17.04	0	110	66.9	140	18.09	3.37	20	
Toluene	17.06	0.50	17.04	0	100	76.6	123	18.38	7.45	20	
Surr: Dibromofluoromethane	13.01	0	11.36	0	115	61.2	131	0	0	0	
Surr: 4-Bromofluorobenzene	11.66	0	11.36	0	103	64.1	120	0	0	0	
Surr: Toluene-d8	11.07	0	11.36	0	97.4	75.1	127	0	0	0	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

Torrent Laboratory, Inc.

WORK ORDER Summary

06-Nov-09

Work Order 0911025

Client ID: TRINITY SOURCE GROUP,INC.

Project: 307.001.002 **QC Level:**

Comments: 5 day TAT!!! Pls. Email an EDF result to dar@tsgcorp.net.Recv'd 3 groundwater sample for TPHg;BTEX and MTBE. EDF requested but no global id.

Sample ID	Client Sample ID	Collection Date	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
0911025-001A	MW-3	11/5/2009 12:05:00 PM	11/5/2009	11/11/2009	Groundwater	8260B_W_PETROLEUM	☐	☐	☑	☐	ORG
				11/11/2009		EDF	☐	☐	☐	☐	ORG
				11/11/2009		TPH_GAS_W_GCMS	☐	☐	☐	☐	ORG
0911025-002A	MW-4	11/5/2009 11:29:00 AM		11/11/2009		8260B_W_PETROLEUM	☐	☐	☑	☐	ORG
				11/11/2009		TPH_GAS_W_GCMS	☐	☐	☐	☐	ORG
0911025-003A	MW-5	11/5/2009 11:48:00 AM		11/11/2009		8260B_W_PETROLEUM	☐	☐	☑	☐	ORG
				11/11/2009		TPH_GAS_W_GCMS	☐	☐	☐	☐	ORG

Torrent LABORATORY, INC.

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

CHAIN OF CUSTODY

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

LAB WORK ORDER NO: 0911025

Company Name: TRINITY SOURCE GROUP, INC.	Location of Sampling: 16550 Ashland Ave, San Lorenzo, CA
Address: 550 CHESTNUT ST. suite 225	Purpose: 2SA09 GW sampling
City: SANTA CRUZ State: CA Zip Code: 95060	Special Instructions / Comments:
Telephone: (831) 426-5600 FAX: (831) 426-5602	
REPORT TO: DAVE REINSMA SAMPLER: ERIC CHOI	P.O. #: 307.001.002 EMAIL: Dar@tsgcorp.net

TURNAROUND TIME:
- ☐ 10 Work Days
- ☐ 3 Work Days
- ☐ Noon - Nxt Day
- ☐ 7 Work Days
- ☐ 2 Work Days
- ☐ 2 - 8 Hours
- ☒ 5 Work Days
- ☐ 1 Work Day
- ☐ Other

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

REPORT FORMAT:
- ☐ QC Level IV
- ☒ EDF
- ☐ Excel / EDD

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	EPA 8260B - Full List / EPA 8260B - 8010 List	THP gas / BTEX / MTBE / Oxygenates	THP Diesel / Si-Gel / Motor Oil	Pesticide - 8081	PCB - 8082	Metals / CAM - 17 / LUFT 5 / 7 Metals	8270 Full List / PAHs Only	TPH gasoline 8015M	BTEX, MTBE 8260B	REMARKS
001A	MW-3	11/5/09 @ 1205	WATER	3	VOA								X	X	
002A	MW-4	11/5/09 @ 1129											X	X	
003A	MW-5	11/5/09 @ 1148											X	X	
														5°C	
												Temp			

TORRENT LAB

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	[signature]	ERIC CHOI	11/5/09	1353	[signature]		11/5/09	1355
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Were Samples Received in Good Condition? ☑ Yes ☐ NO Samples on Ice? ☑ Yes ☐ NO Method of Shipment D/O, Sample seals intact? ☐ Yes ☐ NO ☑ N/A

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

Page 1 of 1

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

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:	SECONDSEMI-ANNUAL2009DEPTH-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:	11/20/2009 11:44:41 AM
Confirmation Number:	4897485196

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_REPORT FILE

SUCCESS

Your GEO_REPORT file has been successfully submitted!

Submittal Type:	GEO_REPORT
Report Title:	SECONDSEMI-ANNUAL2009GROUNDWATERMONITORINGREPORT
Report Type:	Monitoring Report - Semi-Annually
Report Date:	1/5/2010
Facility Global ID:	T0600101605
Facility Name:	KAWAHARA NURSERY
File Name:	GEO_REPORT.pdf
Username:	Trinity Source Group, Inc.
Username:	TRINITY SOURCE GROUP
IP Address:	69.198.129.110
Submittal Date/Time:	1/5/2010 4:27:20 PM
Confirmation Number:	9401116907

ATTACHMENT D

PURGE WATER DISPOSAL DOCUMENTATION

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	909-721-2038	NH57836-N

GENERATOR

5. Generator's Name and Mailing Address
KAWAHARA NURSERY
16550 ASHLAND AVE
SAN LORENZO, CA 94580
Generator's Phone: 831-227-0549

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
ENVIRONMENTAL LOGISTICS, INC
U.S. EPA ID Number: CAR000172478

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
FILTER RECYCLING SERVICES, INC.
180 W. MONTE AVE
RIALTO, CA 92316
Facility's Phone: 800-698-4377
U.S. EPA ID Number: CAD982444481

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON HAZARDOUS WASTE LIQUID	4	DM	100	G
2.	NON HAZARDOUS WASTE SOLID	5	DM	1500	P
3.					
4.					

13. Special Handling Instructions and Additional Information
9B1) PURGE WATER # 09081103 4X55
9B2) SOIL # 09081201 5X55
WEAR APPROPRIATE PPE
INV# 57836-N

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: X DAN BIRCH
Signature: DAN BIRCH
Month: 8 Day: 14 Year: 09

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Gary Ford
Signature:
Month: 8 Day: 14 Year: 09
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Steven Mastos
Signature:
Month: 8 Day: 19 Year: 09

169-BLC-O 5 11977 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR