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Environmental Health

September 28, 2009

Mr. Jerry Wickham, P.G., C.E.G., C.HG.
Supervising Hazardous Materials Specialist
ALAMEDA COUNTY ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Bureau Veritas Project No. 33104-004578.00

Subject: Third Quarter 2009 Groundwater Monitoring Report
Former Lemoine Sausage Factory
630 29th Avenue
Oakland, California

Dear Mr. Wickham:

Bureau Veritas North America, Inc. (Bureau Veritas) is pleased to present the results of the Third Quarter 2009 groundwater monitoring event performed at the Former Lemoine Sausage Factory, located at 630 29th Avenue in Oakland, California.

We declare, under penalty of perjury, that the information and/or recommendations contained in this attached report are true and correct to the best of our knowledge and belief. If you have any comments or questions regarding this report, please do not hesitate to contact Timothy Bodkin at (925) 426-2626.

Sincerely,

Jeremy V. Wilson
Environmental Consultant
Environmental Services

Timothy G. Bodkin, C.E.G., R.E.A. II
Senior Project Manager
Environmental Services

TGB/jvw

cc: Bob Pender, AIG Technical Services
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Third Quarter 2009 Groundwater Monitoring Report

Former Lemoine Sausage Factory
630 29th Avenue
Oakland, California

September 28, 2009
33104-004578.00

Prepared for:
AIG Technical Services, Inc.
80 Pine Street, 6th Floor
New York, New York 10005



For the benefit of business and people

Bureau Veritas North America, Inc.
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- A Field Sampling Data Sheets
- B Chain-of-Custody Documentation and Certified Analytical Reports



1.0 INTRODUCTION

Bureau Veritas North America, Inc. (Bureau Veritas) has prepared the following Third Quarter 2009 Groundwater Monitoring Report for the former Lemoine Sausage Factory (the "Site"). The Site is located at 630 29th Avenue near its intersection with 7th Street in Oakland, California (Figure 1).

Groundwater monitoring has been performed at the Site on a quarterly basis in accordance with an Alameda County Environmental Health (ACEH) directive dated June 19, 1999 through July 2009. Groundwater monitoring has been required due to a past release from an underground gasoline underground storage tank (UST). As stated in ACEH's letter dated July 23, 2009, groundwater monitoring at this site has been reduced from quarterly to semi-annual monitoring in accordance with Resolution No. 2009-0042. Beginning this quarter, semi-annual groundwater monitoring will be conducted during the First and Third Quarters of the calendar year.

The purpose of the groundwater monitoring is to document groundwater flow conditions and water quality beneath the Site. Depth to groundwater measurements were obtained and groundwater samples were collected and analyzed for total petroleum hydrocarbons quantified as gasoline (TPH-g) and associated compounds, including benzene, toluene, ethylbenzene and total xylenes (BTEX), and volatile organic compounds (VOCs).

2.0 SITE DESCRIPTION AND HISTORY

A single 1,000-gallon gasoline UST and associated plumbing/piping were formerly located beneath the sidewalk along 7th Street immediately east of the subject building. The fuel dispenser for the UST was located in a "cubby hole" near the building's roll-up door. The UST, fuel dispenser, and associated piping were removed on November 21, 1996. Confirmation soil samples were collected from the excavation for laboratory analyses. A petroleum hydrocarbon sheen was noted on the groundwater surface within the tank excavation. Analytical results for the confirmation samples showed the presence of petroleum hydrocarbons.

Subsequent groundwater investigations were performed to define the vertical and lateral extent of petroleum hydrocarbons in groundwater and to monitor groundwater conditions around the Site. Several monitoring wells were installed and screened within the first-encountered water bearing zone, which predominantly occurs within low permeability clayey and sandy silts. High concentrations of TPH-g and benzene historically have been detected in the immediate vicinity or just downgradient of the former UST. VOCs also have been detected in monitoring wells located to the south and southwest of the former UST location and are believed to originate from an off-site source.

3.0 FIELD ACTIVITIES

Groundwater level measurements and samples were obtained from ten (10) existing monitoring wells (MW-1, MW-2, and MW-6 through MW-13).



3.1 GROUNDWATER LEVEL MEASUREMENTS

On August 25, 2009, depth-to-water measurements were obtained in the monitoring wells to calculate groundwater elevations and to estimate the groundwater flow direction and gradient. The wells were opened and allowed to stabilize prior to measuring the groundwater levels. The depth to water in each well was measured using an electronic well sounder. Groundwater depths were measured from a surveyed reference elevation point represented by a V-notch at the top of each casing. Groundwater elevations were calculated by subtracting the measured depth to water from the top of casing elevation at each monitoring well.

3.2 GROUNDWATER PURGING

Prior to groundwater sample collection at each monitoring well, between three (3) and four (4) well casing volumes of standing water were removed, with the exception of Wells MW-1 and MW-2 which were not purged due to insufficient amounts of water within the wells and poor groundwater recharge noted during purging events. Wells MW-6 through MW-13 were purged by hand bailing with new 1-liter plastic disposable bailers. In addition, Wells MW-8, MW-9, MW-10, MW-11, and MW-13 were purged dry during the purging event.

The purge volume from each monitoring well was determined by multiplying the nominal cross-sectional area of the well casing by the water column within each well casing. The water column height in each well was determined by subtracting the depth to water from the total well casing depth. Water quality parameters (pH, specific conductivity, temperature, and turbidity) were measured and recorded onto Field Sampling Data Sheets. Water quality parameter measurements were taken prior to purging and after removing each well casing volume of water from each monitoring well.

Groundwater purged from monitoring wells was stored onsite in sealed 55-gallon drums and labeled with the project-identifying information. Groundwater level measurements for the Third Quarter 2009 monitoring event were recorded on Field Sampling Data Sheets, as presented in Appendix A.

3.3 GROUNDWATER SAMPLING

Before groundwater sampling commenced, each purged monitoring well was allowed to recharge to at least 80% of the pre-purged standing water volume, except for Wells MW-1 and MW-2 for the reasons stated above. Groundwater samples for laboratory analyses were retrieved using either a peristaltic pump equipped with polytubing or a new disposable bailer. Groundwater samples were poured into appropriate laboratory-supplied containers. Sample containers were sealed, labeled with identifying project information, logged onto a chain-of-custody document, and temporarily stored in a chilled ice chest containing crushed ice for transport to the laboratory.

3.4 LABORATORY ANALYSES

Groundwater samples were analyzed by Curtis and Tompkins Ltd. of Berkeley, California, a State of California-certified laboratory. The samples were analyzed by the following United States Environmental Protection Agency (USEPA) approved analytical methods:

- USEPA Method 8021B for TPH-g/BTEX



- USEPA Method 8260B for VOCs

Certified analytical data sheets and chain-of-custody documentation for the First Quarter 2009 groundwater sampling event are presented in Appendix B.

4.0 FINDINGS

4.1 GROUNDWATER FLOW CONDITIONS

Groundwater flow conditions were assessed based upon the groundwater level measurements obtained in the wells. Groundwater depths ranged between 6.24 and 11.02 feet below the tops of well casings. Groundwater elevations ranged between 6.54 and 10.68 feet above mean sea level. Groundwater flow is to the west-southwest at an estimated gradient of 0.016 feet per foot (ft/ft), as measured between Wells MW-10 and MW-13. Depth to water measurements and groundwater elevation data from this event and previous events are presented in Table 1. The Third Quarter 2009 groundwater elevation map is presented on Figure 2.

4.2 ANALYTICAL RESULTS

Analytical results for groundwater showed the presence of petroleum hydrocarbons and VOCs. The frequency and range of petroleum hydrocarbons and VOCs detected in groundwater during this quarter are as follows:

- TPH-g was detected in Wells MW-1, MW-2, MW-8, MW-9, MW-12, and MW-13 at concentrations ranging between 51 and 39,000 micrograms per liter ($\mu\text{g/L}$).
- Benzene was detected in Wells MW-1, MW-2, MW-8, MW-9, and MW-13 at concentrations ranging between 40 and 10,000 $\mu\text{g/L}$.
- Toluene was detected in Wells MW-1, MW-2, and MW-9 at concentrations ranging between 72 and 310 $\mu\text{g/L}$.
- Ethylbenzene was detected in Wells MW-1, MW-2, MW-8, MW-9, and MW-13 at concentrations ranging between 30 and 1,400 $\mu\text{g/L}$.
- Total xylenes were detected in Wells MW-1, MW-2, MW-9, and MW-13 at concentrations ranging between 8.1 and 1,560 $\mu\text{g/L}$.
- Trichloroethene (TCE) was detected in Wells MW-12 and MW-13 at concentrations of 93 and 11 $\mu\text{g/L}$, respectively.
- Cis-1,2-dichloroethene (cis-1,2-DCE) was detected in Wells MW-8, MW-12, and MW-13 at concentrations ranging between 29 and 840 $\mu\text{g/L}$.
- Trans-1,2-dichloroethene (trans-1,2-DCE) was detected in Wells MW-8, MW-12, and MW-13 at concentrations of 30, 35, and 51 $\mu\text{g/L}$, respectively.
- Vinyl chloride (VC) was detected in Wells MW-8 and MW-13 at concentrations of 91 and 3.0 $\mu\text{g/L}$, respectively.



Historical groundwater analytical results for petroleum hydrocarbons and VOCs detected in groundwater are presented in Table 2. TPH-g and benzene concentrations detected in groundwater and isoconcentration contours for these constituents detected during Third Quarter 2009 are presented on Figures 3, 4 and 5, respectively. VOC concentrations detected in groundwater during Third Quarter 2009 are presented on Figure 3.

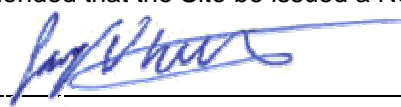
5.0 CONCLUSIONS

Groundwater conditions for this quarter are relatively consistent with the trends noted during previous monitoring events. TPH-g and BTEX concentrations detected in groundwater generally remained within the same order of magnitude as those analytical results from previous events. TPH-g concentrations decreased in Wells MW-9 and MW-12 and slightly increased in Wells MW-1, MW-8, and MW-13. TPH-g remained at the same concentration in Well MW-2 in comparison with that noted during the previous monitoring event. Benzene concentrations increased in Wells MW-1, MW-8, and MW-13 and decreased in Wells MW-2, MW-9, MW-11, and MW-12. The highest concentrations of TPH-g and benzene were detected in Wells MW-2 and MW-9, which are both located within the central portion of the warehouse building downgradient of the former UST location. The lateral extent of the hydrocarbon plume is roughly defined by the TPH and benzene concentrations detected in the outermost monitoring wells encompassing the Site.

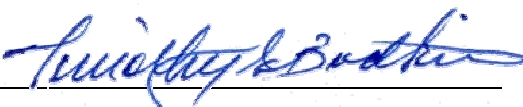
VOC concentrations generally decreased in comparison to those concentrations detected during the previous event. VOC concentrations detected in groundwater are not related to the UST release. VOC degradation compounds, including cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride, detected in groundwater over the past several monitoring events indicate that degradation of the TCE is occurring. As noted during Bureau Veritas' recent subsurface investigation, the source of the VOCs appears to originate from an offsite area downgradient of the Site.

No additional investigation or remediation of the TPH- and VOC-impacted groundwater is recommended at this time. It is further recommended that the Site be issued a No Further Action (NFA) letter, as well as formal case closure.

Report prepared by: _____


Jeremy V. Wilson
Environmental Consultant
Health, Safety, and Environmental Services

Report prepared by: _____


Timothy G. Bodkin, C.E.G., R.E.A. II
Senior Project Manager
Health, Safety, and Environmental Services

September 28, 2009

Project No. 33104-004578.00





TABLES



TABLE 1

HISTORICAL GROUNDWATER ELEVATION DATA
 FORMER LEMOINE SAUSAGE FACTORY
 630 29TH AVENUE
 OAKLAND, CALIFORNIA

Well Identification	Date Measured	Top of Casing Elevation (ft,msl)	Depth to Water (feet)	Groundwater Elevation (ft,msl)
MW-1	2/8/1999	16.69	3.60	13.09
	6/15/2000	16.69	4.82	11.87
	9/22/2000	16.69	6.30	10.39
	12/19/2000	16.69	5.50	11.19
	3/21/2001	16.69	4.29	12.40
	6/20/2001	16.69	5.85	10.84
	9/25/2001	16.69	6.76	9.93
	12/3/2001	16.69	4.17	12.52
	3/25/2002	16.69	2.77	13.92
	6/28/2002	16.69	5.61	11.08
	9/11/2002	16.69	6.17	10.52
	12/16/2002	16.69	3.91	12.78
	3/28/2003	16.69	4.44	12.25
	6/24/2003	16.69	5.29	11.40
	9/26/2003	16.69	6.88	9.81
	12/16/2003	16.69	NM	NM
	4/6/2004	16.69	3.57	13.12
	6/23/2004	16.69	5.96	10.73
	9/15/2004	16.69	NM	NM
	12/16/2004	16.69	4.40	12.29
	3/22/2005	16.69	3.44	13.25
	6/24/2005	16.69	4.45	12.24
	9/13/2005	16.69	6.03	10.66
	12/2/2005	16.69	4.95	11.74
	3/2/2006	16.69	3.74	12.95
	6/15/2006	16.69	4.58	12.11
	9/14/2006	16.69	5.15	11.54
	1/11/2007	16.69	4.01	12.68
	4/9/2007	16.69	4.67	12.02
	9/17/2007	16.69	6.39	10.30
	12/19/2007	16.69	5.40	11.29
	3/11/2008	16.69	4.21	12.48
	6/10/2008	16.69	5.68	11.01
9/9/2008	16.69	6.67	10.02	
12/2/2008	16.69	6.17	10.52	
3/12/2009	16.69	4.01	12.68	
6/11/2009	16.69	5.57	11.12	
8/25/2009	16.69	6.35	10.34	
MW-2	2/8/1999	20.79	14.20	6.59
	6/15/2000	20.79	10.46	10.33
	9/22/2000	20.79	11.49	9.30
	12/19/2000	20.79	11.38	9.41
	3/21/2001	20.79	10.01	10.78
	6/20/2001	20.79	10.92	9.87
	9/25/2001	20.79	11.78	9.01
	12/3/2001	20.79	11.13	9.66
	3/25/2002	20.79	9.21	11.58
	6/28/2002	20.79	10.65	10.14
	9/11/2002	20.79	10.89	9.90
	12/16/2002	20.79	11.15	9.64
	3/28/2003	20.79	10.27	10.52
	6/24/2003	20.79	10.24	10.55
	9/26/2003	20.79	11.20	9.59
12/16/2003	20.79	11.50	9.29	
4/6/2004	20.79	9.40	11.39	



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Well Identification	Date Measured	Top of Casing Elevation (ft,msl)	Depth to Water (feet)	Groundwater Elevation (ft,msl)
MW-2	6/23/2004	20.79	11.60	9.19
	9/15/2004	20.79	10.94	9.85
	12/16/2004	20.79	NM	NM
	3/22/2005	20.79	9.26	11.53
	6/24/2005	20.79	10.03	10.76
	9/13/2005	20.79	10.58	10.21
	12/2/2005	20.79	NM	NM
	3/2/2006	20.79	9.45	11.34
	6/15/2006	20.79	9.84	10.95
	9/14/2006	20.79	10.27	10.52
	1/11/2007	20.79	10.45	10.34
	4/9/2007	20.79	10.03	10.76
	9/17/2007	20.79	10.85	9.94
	12/19/2007	20.79	10.71	10.08
	3/11/2008	20.79	9.76	11.03
	6/10/2008	20.79	10.64	10.15
	9/9/2008	20.79	11.04	9.75
	12/2/2008	20.79	11.13	9.66
	3/12/2009	20.79	9.71	11.08
	6/11/2009	20.79	10.54	10.25
8/25/2009	20.79	11.02	9.77	
MW-3	2/8/1999	21.10	7.45	13.65
	6/15/2000	21.10	10.56	10.54
	9/22/2000	21.10	15.30	5.80
	12/19/2000	21.10	9.72	11.38
	3/21/2001	21.10	8.95	12.15
	6/20/2001	21.10	10.14	10.96
	9/25/2001	21.10	10.74	10.36
Removed from monitoring program in October 2001				
MW-4	2/8/1999	17.78	4.13	13.65
	6/15/2000	17.78	6.30	11.48
	9/22/2000	17.78	6.90	10.88
	12/19/2000	17.78	6.40	11.38
	3/21/2001	17.78	5.77	12.01
	6/20/2001	17.78	6.78	11.00
	9/25/2001	17.78	7.40	10.38
Removed from monitoring program in October 2001				
MW-5	2/8/1999	21.12	7.62	13.50
	6/15/2000	21.12	10.36	10.76
	9/22/2000	21.12	9.99	11.13
	12/19/2000	21.12	9.99	11.13
	3/21/2001	21.12	8.68	12.44
	6/20/2001	21.12	9.90	11.22
	9/25/2001	21.12	10.34	10.78
Removed from monitoring program in October 2001				
MW-6	6/15/2000	16.60	5.47	11.13
	9/22/2000	16.60	6.54	10.06
	12/19/2000	16.60	5.93	10.67
	3/21/2001	16.60	4.70	11.90
	6/20/2001	16.60	6.13	10.47
	9/25/2001	16.60	6.68	9.92
	12/3/2001	16.60	4.72	11.88



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Well Identification	Date Measured	Top of Casing Elevation (ft,msl)	Depth to Water (feet)	Groundwater Elevation (ft,msl)
MW-6	3/25/2002	16.60	3.93	12.67
	6/28/2002	16.60	5.83	10.77
	9/11/2002	16.60	5.43	11.17
	12/16/2002	16.60	3.93	12.67
	3/28/2003	16.60	NM	NM
	6/24/2003	16.60	5.52	11.08
	9/26/2003	16.60	6.70	9.90
	12/16/2003	16.60	4.99	11.61
	4/6/2004	16.60	4.85	11.75
	6/23/2004	16.60	5.76	10.84
	9/15/2004	16.60	6.56	10.04
	12/16/2004	16.60	4.56	12.04
	3/22/2005	16.60	3.63	12.97
	6/24/2005	16.60	4.84	11.76
	9/13/2005	16.60	6.15	10.45
	12/2/2005	16.60	5.24	11.36
	3/2/2006	16.60	3.41	13.19
	6/15/2006	16.60	5.09	11.51
	9/14/2006	16.60	5.68	10.92
	1/11/2007	16.60	4.71	11.89
	4/9/2007	16.60	5.25	11.35
	9/17/2007	16.60	6.56	10.04
	12/19/2007	16.60	5.41	11.19
	3/11/2008	16.60	4.89	11.71
	6/10/2008	16.60	6.01	10.59
	9/9/2008	16.60	6.75	9.85
	12/2/2008	16.60	6.36	10.24
	3/12/2009	16.60	4.13	12.47
6/11/2009	16.60	6.06	10.54	
8/25/2009	16.60	6.74	9.86	
MW-7	12/16/2002	15.47	5.01	10.46
	12/17/2002	15.47	6.95	8.52
	12/18/2002	15.47	6.94	8.53
	12/19/2002	15.47	6.04	9.43
	12/20/2002	15.47	6.48	8.99
	12/21/2002	15.47	7.25	8.22
	12/22/2002	15.47	6.90	8.57
	12/23/2002	15.47	5.53	9.94
	12/24/2002	15.47	7.20	8.27
	12/25/2002	15.47	7.51	7.96
	12/26/2002	15.47	6.40	9.07
	3/28/2003	15.47	5.68	9.79
	6/24/2003	15.47	6.13	9.34
	9/26/2003	15.47	7.22	8.25
	12/16/2003	15.47	5.68	9.79
	4/6/2004	15.47	5.60	9.87
	6/23/2004	15.47	6.20	9.27
	9/15/2004	15.47	6.70	8.77
	12/16/2004	15.47	5.15	10.32
	3/22/2005	15.47	NM	NM
	6/24/2005	15.47	NM	NM
	9/13/2005	15.47	6.45	9.02
	12/2/2005	15.47	5.93	9.54
3/2/2006	15.47	4.65	10.82	
6/15/2006	15.47	5.71	9.76	



TABLE 1

HISTORICAL GROUNDWATER ELEVATION DATA
 FORMER LEMOINE SAUSAGE FACTORY
 630 29TH AVENUE
 OAKLAND, CALIFORNIA

Well Identification	Date Measured	Top of Casing Elevation (ft,msl)	Depth to Water (feet)	Groundwater Elevation (ft,msl)
MW-7	9/14/2006	15.47	6.10	9.37
	1/11/2007	15.47	6.04	9.43
	4/9/2007	15.47	5.68	9.79
	9/17/2007	15.47	6.93	8.54
	12/19/2007	15.47	5.81	9.66
	3/11/2008	15.47	5.54	9.93
	6/10/2008	15.47	6.49	8.98
	9/9/2008	15.47	7.08	8.39
	12/2/2008	15.47	6.79	8.68
	3/12/2009	15.47	4.93	10.54
	6/11/2009	15.47	6.14	9.33
	8/25/2009	15.47	6.74	8.73
	MW-8	6/15/2000	17.58	7.14
9/22/2000		17.58	8.33	9.25
12/19/2000		17.58	7.71	9.87
3/21/2001		17.58	6.40	11.18
6/20/2001		17.58	7.96	9.62
9/25/2001		17.58	8.89	8.69
12/3/2001		17.58	6.58	11.00
3/25/2002		17.58	5.40	12.18
6/28/2002		17.58	7.71	9.87
9/11/2002		17.58	8.40	9.18
12/16/2002		17.58	5.63	11.95
3/28/2003		17.58	6.62	10.96
6/24/2003		17.58	7.44	10.14
9/26/2003		17.58	8.71	8.87
12/16/2003		17.58	6.69	10.89
4/6/2004		17.58	6.74	10.84
6/23/2004		17.58	7.98	9.60
9/15/2004		17.58	8.52	9.06
12/16/2004		17.58	5.61	11.97
3/22/2005		17.58	5.54	12.04
6/24/2005		17.58	6.77	10.81
9/13/2005		17.58	7.92	9.66
12/2/2005		17.58	7.36	10.22
3/2/2006		17.58	5.83	11.75
6/15/2006		17.58	6.99	10.59
9/14/2006		17.58	7.58	10.00
1/11/2007		17.58	6.30	11.28
4/9/2007		17.58	7.05	10.53
9/17/2007		17.58	8.26	9.32
12/19/2007		17.58	6.95	10.63
3/11/2008		17.58	6.57	11.01
6/10/2008	17.58	7.73	9.85	
9/9/2008	17.58	8.48	9.10	
12/2/2008	17.58	8.29	9.29	
3/12/2009	17.58	5.60	11.98	
6/11/2009	17.58	7.57	10.01	
8/25/2009	17.58	8.31	9.27	



TABLE 1

HISTORICAL GROUNDWATER ELEVATION DATA
FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA

Well Identification	Date Measured	Top of Casing Elevation (ft,msl)	Depth to Water (feet)	Groundwater Elevation (ft,msl)
MW-9	12/3/2001	17.61	5.79	11.82
	3/25/2002	17.61	4.98	12.63
	6/28/2002	17.61	7.71	9.90
	9/11/2002	17.61	6.91	10.70
	12/16/2002	17.61	6.58	11.03
	3/28/2003	17.61	6.08	11.53
	6/24/2003	17.61	6.42	11.19
	9/26/2003	17.61	8.14	9.47
	12/16/2003	17.61	6.76	10.85
	4/6/2004	17.61	5.97	11.64
	6/23/2004	17.61	7.80	9.81
	9/15/2004	17.61	7.14	10.47
	12/16/2004	17.61	5.73	11.88
	3/22/2005	17.61	5.31	12.30
	6/24/2005	17.61	6.05	11.56
	9/13/2005	17.61	6.70	10.91
	12/2/2005	17.61	6.92	10.69
	3/2/2006	17.61	5.83	11.78
	6/15/2006	17.61	6.32	11.29
	9/14/2006	17.61	6.79	10.82
	1/11/2007	17.61	5.59	12.02
	4/9/2007	17.61	6.35	11.26
	9/17/2007	17.61	7.26	10.35
	12/19/2007	17.61	6.81	10.80
	3/11/2008	17.61	5.95	11.66
	6/10/2008	17.61	6.98	10.63
	9/9/2008	17.61	7.34	10.27
	12/2/2008	17.61	7.31	10.30
	3/12/2009	17.61	5.20	12.41
	6/11/2009	17.61	6.53	11.08
8/25/2009	17.61	7.15	10.46	
MW-10	12/3/2001	16.92	4.22	12.70
	3/25/2002	16.92	3.00	13.92
	6/28/2002	16.92	5.65	11.27
	9/11/2002	16.92	6.16	10.76
	12/16/2002	16.92	3.74	13.18
	3/28/2003	16.92	4.54	12.38
	6/24/2003	16.92	5.40	11.52
	9/26/2003	16.92	6.98	9.94
	12/16/2003	16.92	4.94	11.98
	4/6/2004	16.92	4.54	12.38
	6/23/2004	16.92	5.96	10.96
	9/15/2004	16.92	6.86	10.06
	12/16/2004	16.92	4.45	12.47
	3/22/2005	16.92	3.56	13.36
	6/24/2005	16.92	4.58	12.34
	9/12/2005	16.92	6.08	10.84
	12/2/2005	16.92	4.94	11.98
	3/2/2006	16.92	3.90	13.02
	6/15/2006	16.92	4.74	12.18
	9/14/2006	16.92	5.27	11.65
1/11/2007	16.92	4.37	12.55	
4/9/2007	16.92	4.81	12.11	
9/17/2007	16.92	6.48	10.44	



TABLE 1

HISTORICAL GROUNDWATER ELEVATION DATA
 FORMER LEMOINE SAUSAGE FACTORY
 630 29TH AVENUE
 OAKLAND, CALIFORNIA

Well Identification	Date Measured	Top of Casing Elevation (ft,msl)	Depth to Water (feet)	Groundwater Elevation (ft,msl)
MW-10	12/19/2007	16.92	5.21	11.71
	3/11/2008	16.92	4.60	12.32
	6/10/2008	16.92	5.77	11.15
	9/9/2008	16.92	6.71	10.21
	12/2/2008	16.92	6.22	10.70
	3/12/2009	16.92	4.11	12.81
	6/11/2009	16.92	5.61	11.31
	8/25/2009	16.92	6.24	10.68
MW-11	12/3/2001	14.87	5.67	9.20
	3/25/2002	14.87	4.68	10.19
	6/28/2002	14.87	6.35	8.52
	9/11/2002	14.87	6.91	7.96
	12/16/2002	14.87	3.92	10.95
	3/28/2003	14.87	5.17	9.70
	6/24/2003	14.87	5.86	9.01
	9/26/2003	14.87	7.16	7.71
	12/16/2003	14.87	5.61	9.26
	4/6/2004	14.87	5.49	9.38
	6/23/2004	14.87	5.68	9.19
	12/16/2004	14.87	4.69	10.18
	3/22/2005	14.87	4.20	10.67
	6/24/2005	14.87	5.41	9.46
	9/13/2005	14.87	6.23	8.64
	9/15/2005	14.87	6.45	8.42
	12/2/2005	14.87	5.95	8.92
	3/2/2006	14.87	4.31	10.56
	6/15/2006	14.87	5.40	9.47
	9/14/2006	14.87	5.94	8.93
	1/11/2007	14.87	5.45	9.42
	4/9/2007	14.87	5.52	9.35
	9/17/2007	14.87	NM	NM
	12/19/2007	14.87	5.74	9.13
	3/11/2008	14.87	4.82	10.05
	6/10/2008	14.87	6.17	8.70
9/9/2008	14.87	6.98	7.89	
12/2/2008	14.87	6.71	8.16	
3/12/2009	14.87	4.65	10.22	
6/11/2009	14.87	6.15	8.72	
8/25/2009	14.87	6.63	8.24	
MW-12	6/28/2002	14.05	6.13	7.92
	9/11/2002	14.05	6.82	7.23
	12/16/2002	14.05	4.94	9.11
	3/28/2003	14.05	5.08	8.97
	6/24/2003	14.05	5.73	8.32
	9/26/2003	14.05	6.94	7.11
	12/16/2003	14.05	4.99	9.06
	4/6/2004	14.05	5.04	9.01
	6/23/2004	14.05	5.78	8.27
	9/15/2004	14.05	6.43	7.62
	12/16/2004	14.05	4.34	9.71
	3/22/2005	14.05	3.50	10.55
	6/24/2005	14.05	4.9	9.15
	9/12/2005	14.05	6.11	7.94
12/2/2005	14.05	5.13	8.92	



TABLE 1

HISTORICAL GROUNDWATER ELEVATION DATA
 FORMER LEMOINE SAUSAGE FACTORY
 630 29TH AVENUE
 OAKLAND, CALIFORNIA

Well Identification	Date Measured	Top of Casing Elevation (ft,msl)	Depth to Water (feet)	Groundwater Elevation (ft,msl)
MW-12	3/2/2006	14.05	3.83	10.22
	6/15/2006	14.05	5.18	8.87
	9/14/2006	14.05	5.86	8.19
	1/11/2007	14.05	6.97	7.08
	4/9/2007	14.05	5.31	8.74
	9/17/2007	14.05	6.59	7.46
	12/19/2007	14.05	5.24	8.81
	3/11/2008	14.05	4.80	9.25
	6/10/2008	14.05	6.13	7.92
	9/9/2008	14.05	6.84	7.21
	12/2/2008	14.05	6.59	7.46
	3/12/2009	14.05	3.93	10.12
	6/11/2009	14.05	5.69	8.36
	8/25/2009	14.05	6.59	7.46
MW-13	6/28/2002	13.39	6.21	7.18
	9/11/2002	13.39	6.66	6.73
	12/16/2002	13.39	3.90	9.49
	3/28/2003	13.39	5.34	8.05
	6/24/2003	13.39	5.99	7.40
	9/26/2003	13.39	6.99	6.40
	12/16/2003	13.39	5.01	8.38
	4/6/2004	13.39	5.35	8.04
	6/23/2004	13.39	6.12	7.27
	9/15/2004	13.39	6.63	6.76
	12/16/2004	13.39	4.69	8.70
	3/22/2005	13.39	4.86	8.53
	6/24/2005	13.39	5.13	8.26
	9/12/2005	13.39	6.33	7.06
	12/2/2005	13.39	5.25	8.14
	3/2/2006	13.39	4.33	9.06
	6/15/2006	13.39	5.44	7.95
	9/14/2006	13.39	6.03	7.36
	1/11/2007	13.39	5.41	7.98
	4/9/2007	13.39	5.71	7.68
	9/17/2007	13.39	6.65	6.74
	12/19/2007	13.39	5.37	8.02
	3/11/2008	13.39	5.32	8.07
	6/10/2008	13.39	6.40	6.99
9/9/2008	13.39	7.03	6.36	
12/2/2008	13.39	6.73	6.66	
3/12/2009	13.39	4.49	8.90	
6/11/2009	13.39	6.11	7.28	
8/25/2009	13.39	6.85	6.54	

Notes:

1. Top of casing elevations are referenced to mean sea level (msl) and surveyed with reference to the benchmark located at Peterson Street and East 7th Street.
2. NM refers to Not Measured.
3. ft, msl refers to feet above mean sea level.

TABLE 2

**HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA**



Well Location	Date Sampled	TPH-g (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	TCE (ug/L)	1,2-DCA (ug/L)	cis-1,2-DCE (ug/L)	trans-1,2-DCE (ug/L)	VC (ug/L)
MW-1	2/8/1999	48,000	3,900	6,300	970	4,300	NA	<30	NA	NA	NA
	6/15/2000	29,000	3,900	<100	1,900	4,200	<5.0	<5.0	<5.0	<5.0	<5.0
	9/22/2000	25,000	3,100	1,800	470	3,600	NA	NA	NA	NA	NA
	12/19/2000	25,000	3,200	1,900	480	3,300	<2.5	<2.5	<2.5	<2.5	<2.5
	3/21/2000	21,000	3,200	1,700	290	2,600	<2.5	<2.5	<2.5	<2.5	<2.5
	6/21/2001	12,000	2,000	880	180	1,180	<0.5	3.0	<0.5	<0.5	<0.5
	9/26/2001	16,000	1,100	130	< 10	320	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
	12/3/2001	15,000	2,800	1,200	310	1,660	<3.1	<3.1	<3.1	<3.1	<3.1
	3/25/2002	11,000	3,200	1,200	73	1,860	<5	<5	<5	<5	<5
	6/28/2002	26,000	3,200	1,800	640	2,900	<3.1	<3.1	<3.1	<3.1	<3.1
	9/11/2002	27,000	3,200	1,900	720	3,500	<4.2	<4.2	<4.2	<4.2	<4.2
	12/16/2002	20,000	2,800	490	500	2,300	<4.2	<4.2	<4.2	<4.2	<4.2
	3/28/2003	20,000	2,700	1,500	650	2,300	<3.6	<3.6	<3.6	<3.6	<3.6
	6/24/2003	14,000	2,400	1,400	500	2,100	<4.2	<4.2	<4.2	<4.2	<4.2
	9/26/2003	11,000	1,200	960	370	1,600	<1.0	<1.0	<1.0	<1.0	<1.0
	12/16/2003	Not Sampled									
	4/6/2004	18,000	2,400	1,300	550	1,730	<2.0	<2.0	<2.0	<2.0	<2.0
	6/23/2004	25,000	2,700	1,700	680	2,300	<2.5	<2.5	<2.5	<2.5	<2.5
	9/15/2004	Not Sampled									
	12/16/2004	1,800	260	89	32	119	<2.5	<2.5	<2.5	<2.5	<2.5
	3/22/2005	19,000	2,400	960	530	1,330	<3.6	<3.6	<3.6	<3.6	<3.6
	6/24/2005	12,000	2,400	450	470	940	<3.6	<3.6	<3.6	<3.6	<3.6
	9/13/2005	17,000	2,700	1,000	740	1,760	<1.0	<1.0	<1.0	<1.0	<1.0
	12/2/2005	9,300	1,500	500	420	1,060	<3.6	<3.6	<3.6	<3.6	<3.6
	3/2/2006	6,200	1,400	200	180	370	<3.6	<3.6	<3.6	<3.6	<3.6
	6/15/2006	10,000	2,500	200	440	570	<4.2	<4.2	<4.2	<4.2	<4.2
	9/14/2006	13,000	2,300	320	450	870	<4.2	<4.2	<4.2	<4.2	<4.2
	1/11/2007	14,000	1,200	270	450	850	<2.0	<2.0	<2.0	<2.0	<2.0
	4/9/2007	12,000	1,800	270	520	750	<2.0	<2.0	<2.0	<2.0	<2.0
	9/17/2007	9,000	1,200	230	450	471	<2.0	<2.0	<2.0	<2.0	<2.0
	12/19/2007	12,000	1,400	290	670	746	<2.5	<2.5	<2.5	<2.5	<2.5
	3/11/2008	10,000	1,900	280	550	650	<2.5	<2.5	<2.5	<2.5	<2.5
	6/10/2008	8,700	1,700	170	430	373	<2.5	<2.5	<2.5	<2.5	<2.5
9/9/2008	7,600	830	230	540	350	<1.7	<1.7	<1.7	<1.7	<1.7	
12/2/2008	5,700	940	220	430	299	<1.3	<1.3	<1.3	<1.3	<1.3	
3/12/2009	6,200	1,300	180	330	264	<1.3	<1.3	<1.3	<1.3	<1.3	
6/11/2009	7,900	1,500	170	360	281	<4.2	<4.2	<4.2	<4.2	<4.2	
8/25/2009	10,000	1,900	240	580	360	<1.3	<1.3	<1.3	<1.3	<1.3	
MW-2	2/8/1999	41,000	11,000	4,900	650	1,720	NA	60	NA	NA	NA
	6/29/2000	31,000	11,000	930	4,400	250	<5.0	25	<5.0	<5.0	<5.0
	9/22/2000	24,000	10,000	2,700	370	1,200	NA	NA	NA	NA	NA
	12/19/2000	43,000	9,800	4,000	810	2,430	<13	21	<13	<13	<13
	3/23/2001	34,000	10,000	3,200	410	1,220	<13	14	<13	<13	<13
	6/21/2001	30,000	8,600	2,600	440	1,230	<0.5	5.6	<0.5	<0.5	<0.5
	9/26/2001	26,000	12,000	3,900	590	1,960	< 10	11	< 10	< 10	< 10
	12/3/2001	45,000	13,000	5,100	950	2,930	<7.1	14	<7.1	<7.1	<7.1
	3/25/2002	21,000	11,000	3,700	1,000	2,790	<17	<17	<17	<17	<17
	6/28/2002	8,400	2,200	680	21	220	<3.1	8.8	<3.1	<3.1	<3.1
	9/11/2002	23,000	6,600	1,000	600	1,320	<6.3	10	<6.3	<6.3	<6.3
	12/16/2002	6,000	1,600	410	150	402	4.5	2.7	69	6.9	<2.5
	3/28/2003	30,000	9,300	920	930	2,000	<13	14	<13	<13	<13
	6/24/2003	19,000	10,000	1,700	1,100	2,530	<13	<13	<13	<13	<13
	9/26/2003	20,000	10,000	2,100	960	2,520	<17	<17	<17	<17	<17
12/16/2003	22,000	10,000	2,700	1,200	2,920	<25	<25	<25	<25	<25	
4/6/2004	27,000	7,600	1,700	630	1,420	<10	<10	<10	<10	<10	
6/23/2004	33,000	8,200	1,800	870	1,930	<17	<17	<17	<17	<17	
9/15/2004	46,000	13,000	1,300	1,400	2,710	<17	<17	<17	<17	<17	

TABLE 2

**HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA**



Well Location	Date Sampled	TPH-g (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	TCE (ug/L)	1,2-DCA (ug/L)	cis-1,2-DCE (ug/L)	trans-1,2-DCE (ug/L)	VC (ug/L)
MW-2	12/16/2004	Not Sampled									
	3/22/2005	42,000	9,900	1,200	1,200	2,530	<17	<17	<17	<17	<17
	6/24/2005	31,000	12,000	1,200	810	1,380	<20	<20	<20	<20	<20
	9/13/2005	35,000	13,000	1,100	1,300	2,260	<7.1	<7.1	<7.1	<7.1	<7.1
	12/2/2005	Not Sampled									
	3/2/2006	25,000	7,900	620	740	1,260	<7.1	<7.1	<7.1	<7.1	<7.1
	6/15/2006	47,000	11,000	800	1,200	2,230	<20	<20	<20	<20	<20
	9/14/2006	50,000	11,000	470	1,200	2,330 C	<10	<10	<10	<10	<10
	1/11/2007	29,000	10,000	240	1,100	1,340	<13	<13	<13	<13	<13
	4/9/2007	33,000	9,200	1,000	1,200	1,510	<13	<13	<13	<13	<13
	9/17/2007	11,000	9,200	410	1,100	1,300	<13	<13	<13	<13	<13
	12/19/2007	32,000	9,900	240	1,100	770	<17	<17	<17	<17	<17
	3/11/2008	40,000	12,000	270	1,500	1,290	<13	<13	<13	<13	<13
	6/10/2008	26,000	9,700	160	990	890	<13	<13	<13	<13	<13
	9/9/2008	34,000	12,000	130	1,600	790	<13	<13	<13	<13	<13
	12/2/2008	20,000	8,400	110	1,000	610	<20	<20	<20	<20	<20
	3/12/2009	17,000	6,900	59	650	314	<13	<13	<13	<13	<13
6/11/2009	30,000	9,400	490	1,300	1,480	<31	<31	<31	<31	<31	
8/25/2009	30,000	9,100	310	1,300	940	<25	<25	<25	<25	<25	
MW-3	2/8/1999	35,000	1,200	3,400	1,400	4,900	NA	<30	NA	NA	NA
	6/29/2000	39,000	7,800	630	8,000	3,400	<5.0	600	<5.0	<5.0	<5.0
	9/22/2000	83,000	16,000	20,000	1,300	7,000	NA	NA	NA	NA	NA
	12/19/2000	50,000	1,200	1,600	510	1,810	<8.3	350	<8.3	<8.3	<8.3
	3/22/2001	1,300	98	67	51	104	<0.5	2.3	<0.5	<0.5	<0.5
	6/21/2001	34,000	5,900	6,200	340	1,550	2.4	120	0.8	<0.5	<0.5
	9/26/2001	59,000	12,000	13,000	780	3,680	< 8.3	990	< 8.3	< 8.3	< 8.3
	Removed from sampling program in October 2001										
MW-4	2/8/1999	15,000	670	90	780	940	NA	<30	NA	NA	NA
	6/15/2000	2,300	230	<5	10	94	<0.5	0.88	2.1	<0.5	<0.5
	9/22/2000	12,000	2,800	82	1,100	1,300	NA	NA	NA	NA	NA
	12/19/2000	2,200	200	2.9	100	81.4	<0.5	<0.5	<0.5	<0.5	<0.5
	3/22/2001	5,600	1,100	13	310	303	<0.5	<0.5	1.6	<0.5	<0.5
	6/21/2001	11,000	2,300	26	570	641	<0.5	1.4	3.3	<0.5	<0.5
	9/26/2001	17,000	7,900	< 50	440	581	< 0.5	1.9	8.1	< 0.5	< 0.5
Removed from sampling program in October 2001											
MW-5	2/8/1999	4,900	780	440	230	370	<0.5	<0.5	<0.5	<0.5	<0.5
	6/29/2000	3,900	1,500	28	330	260	<0.5	36	<0.5	<0.5	<0.5
	9/27/2000	16,000	4,300	3,100	420	1,600	NA	NA	NA	NA	NA
	12/19/2000	21,000	3,200	1,100	1,100	1,300	<4.2	15	<4.2	<4.2	<4.2
	3/22/2001	6,200	1,500	360	310	288	<0.5	3.3	<0.5	<0.5	<0.5
	6/21/2001	18,000	3,400	2,300	350	1,020	<0.5	21	<0.5	<0.5	<0.5
	9/26/2001	5,100	2,400	1,200	< 10	460	< 3.6	22	< 3.6	< 3.6	< 3.6
Removed from sampling program in October 2001											
MW-6	6/15/2000	1,100	3.8	2.2	2.1	4.8	< 0.5	0.78	< 0.5	< 0.5	< 0.5
	9/22/2000	71	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA
	12/19/2000	320	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/21/2001	820	< 0.5	< 0.5	1.4	0.52	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/21/2001	420	< 0.5	< 0.5	0.59	1	< 0.5	0.9	< 0.5	< 0.5	< 0.5
	9/25/2001	760	< 0.5	< 0.5	< 0.5	2.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/3/2001	72	< 0.5	< 0.5	< 0.5	<0.5	< 0.5	1.6	< 0.5	< 0.5	< 0.5
	3/25/2002	1,200	22	8.0	5.7	13.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/28/2002	120	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5
	9/11/2002	120	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/16/2002	62	< 0.5	0.54	3.0	8.39	0.7	1	< 0.5	< 0.5	< 0.5

TABLE 2

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA



Well Location	Date Sampled	TPH-g (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	TCE (ug/L)	1,2-DCA (ug/L)	cis-1,2-DCE (ug/L)	trans-1,2-DCE (ug/L)	VC (ug/L)
MW-6	3/28/2003	Not Sampled									
	6/24/2003	130	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/26/2003	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.7	< 0.5	< 0.5	< 0.5
	12/16/2003	<50	< 0.5	< 0.5	< 0.5	0.88	1.7	< 0.5	0.6	< 0.5	< 0.5
	4/6/2004	260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/23/2004	63	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.8	< 0.5	< 0.5	< 0.5
	9/15/2004	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/16/2004	240	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/22/2005	420	< 0.5	< 0.5	< 0.5	0.95	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/24/2005	91	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/13/2005	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/2/2005	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.7	< 0.5	< 0.5	< 0.5
	3/2/2006	120	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/15/2006	51	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/14/2006	57	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	1/11/2007	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	4/9/2007	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/17/2007	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/19/2007	<50	< 0.5	0.51	< 0.5	0.96	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/11/2008	64 Y	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/10/2008	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/9/2008	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/2/2008	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5
	3/12/2009	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/11/2009	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	8/25/2009	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MW-7	6/15/2000	1,000	250	< 10	< 10	16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/22/2000	<50	2	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA
	12/19/2000	<50	1.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/21/2001	160	59	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/21/2001	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/25/2001	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/3/2001	82	24	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/25/2002	<50	0.56	0.75	< 0.5	0.69	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/28/2002	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/11/2002	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/16/2002	<50	< 0.5	< 0.5	1.6	3.7	0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/28/2003	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/24/2003	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/26/2003	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/16/2003	<50	< 0.5	< 0.5	< 0.5	0.75	1.8	< 0.5	0.6	< 0.5	< 0.5
	4/6/2004	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/23/2004	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/15/2004	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/16/2004	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/22/2005	Not Sampled									
	6/24/2005	Not Sampled									
	9/12/2005	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/2/2005	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/2/2006	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/15/2006	<50	< 0.5	< 0.5	< 0.5	0.62	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/14/2006	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	1/11/2007	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	4/9/2007	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/17/2007	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/19/2007	<50	0.93	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/11/2008	<50	2.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 2



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FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA**

Well Location	Date Sampled	TPH-g (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	TCE (ug/L)	1,2-DCA (ug/L)	cis-1,2-DCE (ug/L)	trans-1,2-DCE (ug/L)	VC (ug/L)
MW-7	6/10/2008	<50	<0.5	<0.5	<0.5	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/9/2008	<50	<0.5	<0.5	<0.5	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/2/2008	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/12/2009	<50	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/11/2009	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	8/25/2009	<50	<0.5	<0.5	<0.5	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MW-8	6/15/2000	5,400	150	<5	8.9	8.7	210	<13	1,100	73	25
	9/22/2000	1,800	340	<2.5	<2.5	<2.5	NA	NA	NA	NA	NA
	12/19/2000	2,700	410	<2.5	4.8	<2.5	130	9.1	1,000	67	48
	3/21/2001	3,500	530	<2.5	21	<2.5	32	<3.6	760	39	58
	6/21/2001	2,400	490	<2.5	29	<2.5	28	4.9	910	48	75
	9/25/2001	1,500	170	4.3	1.6	2.7	36	5.0	820	59	53
	12/3/2001	1,200	190	14	2.7	11.3	100	<2.5	650	44	31
	3/25/2002	990	280	7.2	1.4	6.8	10	3.6	790	33	49
	6/28/2002	2,200	410	<1.0	40	<1.0	18	4.9	900	54	80
	9/11/2002	2,000	390	1.6	39	<1.0	17	<3.6	1,000	60	91
	12/16/2002	95	26	<0.5	1	<0.5	17	2.2	330	36	4.7
	3/28/2003	1,500	400	<0.5	50	0.62	3.5	<2.5	700	39	41
	6/24/2003	3,300	520	<0.5	58	0.63	6.4	3.7	1,000	49	61
	9/26/2003	1,300	280	3.9	38	0.85	20	<3.6	890	49	47
	12/16/2003	1,100	310	<2.5	14	<2.5	12	4.3	1,200	53	110
	4/6/2004	3,800	420	<0.5	53	1.2	4.4	3.7	1,100	39	58
	6/23/2004	4,600	570	2.9	100	1.5	<8.3	<8.3	1,300	50	80
	9/15/2004	4,900	710	<1.0	100	<1.0	<7.1	<7.1	1,200	49	100
	12/16/2004	3,800	450	<0.5	75	6.5	<8.3	<8.3	1,500	60	86
	3/22/2005	1,700	120	<1.0	9.8	<1.0	<3.6	<3.6	620	27	38
	6/24/2005	1,400	100	<1.0	37	<1.0	<5.0	<5.0	770	29	51
	9/13/2005	2,700	250	<1.0	110	<1.0	<7.1	<7.1	1,000	35	60
	12/2/2005	1,500	160	<1.0	33	<1.0	13	<5.0	930	46	80
	3/2/2006	2,000 L	210	<0.5	36	<0.5	<6.3	<6.3	890	34	50
	6/15/2006	1,400	78	<0.5	21	<0.5	6.9	<5.0	700	28	41
	9/14/2006	1,600	120	<0.5	42	<0.5	7.6	<6.3	800	37	43
	1/11/2007	1,100 Y	130	<0.5	49	1.1 C	<6.3	<6.3	820	32	58
4/9/2007	2,200 L	160	<0.5	65	1.1	<6.3	<6.3	820	24	55	
9/17/2007	3,300 L Y	230	<0.5	140	<0.5	<6.3	<6.3	900	28	91	
12/19/2007	3,300	280	<0.5	120	<0.5	<10	<10	1,200	36	150	
3/11/2008	1,700	180	2.1 C	110	3.5	1.0	<0.5	890	28	67	
6/10/2008	4,000	300	5.0 C	220	3.3 C	<6.3	<6.3	940	27	70	
9/9/2008	4,100	300	<0.5	230	<0.5	<6.3	<6.3	1,200	36	190	
12/2/2008	2,200	210	1.5	91	2.8	<6.3	<6.3	830	43	200	
3/12/2009	1,400 Y	110	<0.5	53	<0.5	<7.1	<7.1	840	26	62	
6/11/2009	2,000 Y	210 C	<0.5	120 C	<0.5	<7.1	<7.1	920	36	100	
8/25/2009	2,800 Y	270	<0.5	150	<0.5	<7.1	<7.1	840	30	91	
MW-9	12/3/2001	90,000	15,000	15,000	2,200	9,100	<10	<10	<10	<10	<10
	3/25/2002	71,000	15,000	17,000	1,900	8,000	<31	<31	<31	<31	<31
	6/28/2002	60,000	5,800	7,400	1,100	5,400	<13	<13	<13	<13	<13
	9/11/2002	57,000	8,300	6,100	340	4,700	<10	18	<10	<10	<10
	12/16/2002	29,000	5,500	3,900	300	1,860	<5	8.9	<5	<5	<5
	3/28/2003	61,000	13,000	8,600	860	4,800	<20	<20	<20	<20	<20
	6/24/2003	45,000	15,000	9,600	1,100	5,200	<5	10	<5	<5	<5
	9/26/2003	34,000	12,000	5,600	880	4,700	<17	<17	<17	<17	<17
	12/16/2003	34,000	14,000	4,900	940	4,700	<42	<42	<42	<42	<42
	4/6/2004	60,000	14,000	3,100	1,300	5,500	<17	<17	<17	<17	<17
	6/23/2004	53,000	12,000	2,600	1,100	4,800	<20	<20	<20	<20	<20
	9/15/2004	76,000	17,000	2,200	1,500	6,600	<20	<20	<20	<20	<20
12/16/2004	63,000	15,000	1,700	1,300	5,900	<20	<20	<20	<20	<20	

TABLE 2

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630 29TH AVENUE
OAKLAND, CALIFORNIA



Well Location	Date Sampled	TPH-g (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	TCE (ug/L)	1,2-DCA (ug/L)	cis-1,2-DCE (ug/L)	trans-1,2-DCE (ug/L)	VC (ug/L)
MW-9	3/22/2005	66,000	13,000	2,000	1,200	5,800	<17	<17	<17	<17	<17
	6/24/2005	54,000	16,000	780	1,300	5,200	<20	<20	<20	<20	<20
	9/13/2005	48,000	11,000	4,800	470	4,110	<17	<17	<17	<17	<17
	12/2/2005	39,000	12,000	3,800	650	3,470 C	<20	<20	<20	<20	<20
	3/2/2006	51,000	12,000	3,500	750	4,170	<20	<20	<20	<20	<20
	6/15/2006	67,000	16,000	5,000	1,900	5,790	<36	<36	<36	<36	<36
	9/14/2006	49,000	13,000	620	1,000	3,680	<13	<13	<13	<13	<13
	1/11/2007	45,000	13,000	460	1,100	3,050	<17	<17	<17	<17	<17
	4/9/2007	49,000	13,000	580	1,100	3,020	<17	<17	<17	<17	<17
	9/17/2007	19,000	9,600	250	1,000	2,540	<17	<17	<17	<17	<17
	12/19/2007	44,000	9,500	170	800	1,880	<20	<20	<20	<20	<20
	3/11/2008	17,000	12,000	300	1,100	2,350	<42	<42	<42	<42	<42
	6/10/2008	9,500	2,500	54	400	494	<5.0	<5.0	<5.0	<5.0	<5.0
	9/9/2008	45,000	14,000	91	1,700	1,940	<10	<10	<10	<10	<10
	12/2/2008	9,000	3,200	15	290	417	<5.0	<5.0	12	<5.0	<5.0
	3/12/2009	12,000	3,700	11	350	557	<5.0	<5.0	12	<5.0	<5.0
	6/11/2009	43,000	12,000	77	1,500	1,660	<36	<36	<36	<36	<36
8/25/2009	39,000	10,000	72	1,400	1,560	<10	<10	<10	<10	<10	
MW-10	12/3/2001	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/25/2002	51	2.5	3.6	0.53	2.27	<0.5	<0.5	<0.5	<0.5	<0.5
	6/28/2002	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/11/2002	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/16/2002	<50	<0.5	0.65	3.0	7.53	0.8	<0.5	<0.5	<0.5	<0.5
	3/28/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/24/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/26/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/16/2003	<50	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5
	4/6/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/23/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/15/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/16/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/22/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/24/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/12/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/2/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/2/2006	<50	0.74	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/15/2006	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/14/2006	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	1/11/2007	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
4/9/2007	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
9/17/2007	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
12/19/2007	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
3/11/2008	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
6/10/2008	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
9/9/2008	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
12/2/2008	<50	0.56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
3/12/2009	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
6/11/2009	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
8/25/2009	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-11	12/3/2001	1,600	470	<0.5	3.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/25/2002	130	11	20	3.3	14.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/28/2002	<50	7.7	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5
	9/11/2002	120	66	<0.5	0.74	<0.5	<0.5	<0.5	0.6	<0.5	<0.5
	12/16/2002	160	42	0.89	4.8	11.1	3.6	<0.5	1.1	<0.5	<0.5
	6/24/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE 2



**HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA**

Well Location	Date Sampled	TPH-g (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	TCE (ug/L)	1,2-DCA (ug/L)	cis-1,2-DCE (ug/L)	trans-1,2-DCE (ug/L)	VC (ug/L)
MW-11	9/26/2003	<50	1.2	0.69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/16/2003	91	4.7	<0.5	<0.5	0.51	2.9	<0.5	0.9	0.6	<0.5
	4/6/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/23/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/15/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/16/2004	<50	1.3	<0.5	<0.5	0.59	<0.5	<0.5	<0.5	<0.5	<0.5
	3/22/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/24/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/13/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/2/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/2/2006	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/15/2006	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/14/2006	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	1/11/2007	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	4/9/2007	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/17/2007	Not Sampled									
	12/19/2007	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/11/2008	52 Y	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/10/2008	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/9/2008	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
12/2/2008	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
3/12/2009	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
6/11/2009	<50	1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
8/25/2009	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-12	6/28/2002	71	<0.5	<0.5	<0.5	<0.5	170	<0.5	42	47	0.9
	9/11/2002	89	<0.5	<0.5	<0.5	<0.5	180	<0.5	46	51	0.9
	12/16/2002	130	<0.5	0.9	4.2	9.9	200	<0.5	57	60	0.9
	3/28/2003	110	<0.5	<0.5	<0.5	<0.5	190	<0.7	53	53	0.9
	6/24/2003	140	<0.5	<0.5	<0.5	<0.5	220	<1.0	58	66	<1.0
	9/26/2003	230	2.9	1.1	3.8	6.71	210	<0.7	60	63	<0.7
	12/16/2003	120	<0.5	<0.5	<0.5	0.65	140	<0.5	44	44	<0.5
	4/6/2004	76	<0.5	<0.5	<0.5	<0.5	160	<0.5	49	54	<0.5
	6/23/2004	99	<0.5	<0.5	<0.5	<0.5	200	<0.5	65	74	<0.5
	9/15/2004	130	<0.5	<0.5	<0.5	<0.5	290	<1.7	73	83	<1.7
	12/16/2004	110	0.94	<0.5	<0.5	<0.5	240	<2.0	80	77	<2.0
	3/22/2005	61	<0.5	<0.5	<0.5	<0.5	95	<0.5	26	42	<0.5
	6/24/2005	59	<0.5	<0.5	<0.5	<0.5	120	<1.0	31	39	<1.0
	9/12/2005	64	<0.5	<0.5	<0.5	<0.5	130	<0.7	34	42	<0.7
	12/2/2005	80 Y,Z	<0.5	<0.5	<0.5	<0.5	170	<1.0	43	49	<1.0
	3/2/2006	54 Y Z	<0.5	<0.5	<0.5	<0.5	84	<0.8	27	31	<0.8
	6/15/2006	58 Y,Z	<0.5	<0.5	<0.5	<0.5	99	<0.5	30	38	<0.5
	9/14/2006	81 Y Z	<0.5	<0.5	<0.5	<0.5	110	<1.0	41	47	<1.0
	1/11/2007	76 Y Z	<0.5	<0.5	<0.5	<0.5	140	<1.0	47	53	<1.0
	4/9/2007	70 Y Z	1.4	<0.5	<0.5	<0.5	130	<1.0	43	48	<1.0
9/17/2007	84 L Y	<0.5	<0.5	<0.5	<0.5	160	<1.0	61	63	<1.0	
12/19/2007	68 Y	<0.5	<0.5	<0.5	<0.5	140	<0.7	55	57	<0.7	
3/11/2008	72 Y	<0.5	<0.5	<0.5	<0.5	90	<0.7	29	32	<0.7	
6/10/2008	63 Y	<0.5	<0.5	<0.5	<0.5	110	<0.7	44	44	<0.7	
9/9/2008	89 Y Z	1.2	<0.5	<0.5	<0.5	140	<0.7	60	59	<0.7	
12/2/2008	65 Y	0.53	<0.5	<0.5	<0.5	98	<0.5	54	58	<0.5	
3/12/2009	70 Y	<0.5	<0.5	<0.5	<0.5	94	<0.7	37	37	<0.7	
6/11/2009	75 Y	1.7	<0.5	<0.5	<0.5	98	<1.0	42	42	<1.0	
8/25/2009	51 Y	<0.5	<0.5	<0.5	<0.5	93	<0.5	36	35	<0.5	
MW-13	6/28/2002	5,600	120	55	130	9.5	61	<0.5	430	14	4.4
	9/11/2002	4,500	58	7.5	150	14	63	<0.5	410	13	<1.3
	12/16/2002	4,800	90	<0.5	85	24	76	<0.5	250	9.4	1.8



TABLE 2

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
 FORMER LEMOINE SAUSAGE FACTORY
 630 29TH AVENUE
 OAKLAND, CALIFORNIA

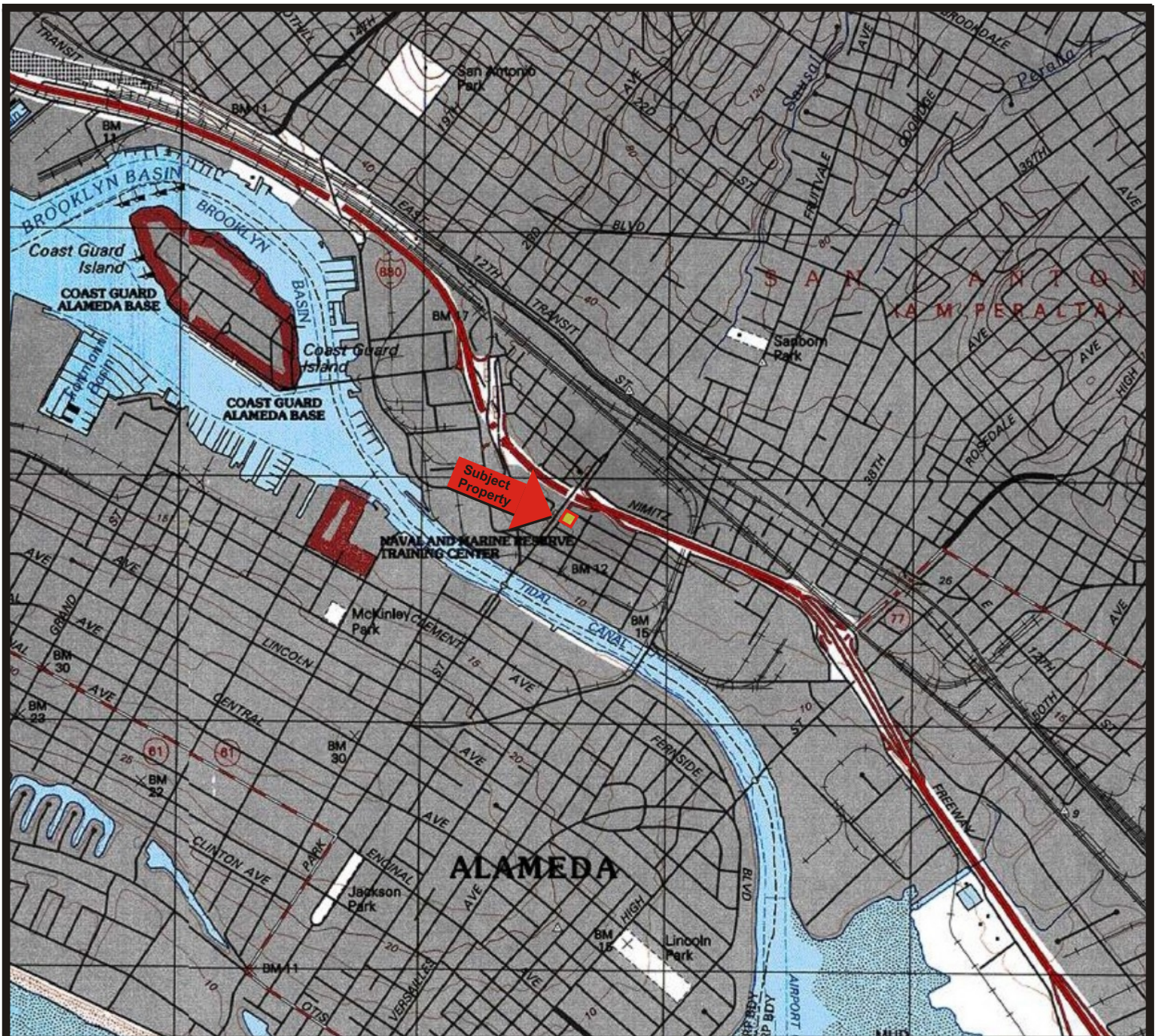
Well Location	Date Sampled	TPH-g (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	TCE (ug/L)	1,2-DCA (ug/L)	cis-1,2-DCE (ug/L)	trans-1,2-DCE (ug/L)	VC (ug/L)
MW-13	3/28/2003	4,400	55	<0.5	51	14.3	85	<0.5	150	13	1.8
	6/24/2003	8,300	100	<0.5	94	12	68	<1.0	250	19	4.2
	9/26/2003	7,200	150	<1.0	89	57	51	<1.0	270	23	5.1
	12/16/2003	8,100	120	36	72	26.6	66	<0.7	240	23	10
	4/6/2004	3,300	22	<1.0	37	9.0	90	<0.5	190	23	8
	6/23/2004	7,000	140	25	88	21	53	<2.0	350	31	25
	9/15/2004	6,700	84	<1.0	78	7.2	37	<1.7	300	40	31
	12/16/2004	4,300	61	<0.5	44	11.5	69	<2.0	240	32	15
	3/22/2005	3,000	24	<0.5	20	7.6	72	<0.5	120	23	6.6
	6/24/2005	2,600	63	<0.5	25	4.3	42	<1.0	150	36	16
	9/12/2005	2,500	20 C	<0.5	33	6.7 c	25	<1.3	170	38	22
	12/2/2005	4,200 Y	70 C	<0.5	21 C	15.5 C	17	<1.3	140	40	24
	3/2/2006	3,200 L Y	67 C	<0.5	27	5.19 C	43	<0.8	110	32	16
	6/15/2006	3,400	92 C	<0.5	26	3.4 C	43	<0.8	120	39	18
	9/14/2006	2,000	<0.5	<0.5	64 C	38 C	15	<0.8	93	45	17
	1/11/2007	25,000 Y	44	<5.0	160	69 C	24	<0.8	87	45	11
	4/9/2007	5,800 Y	42 C	<5.0	41	21.2 C	34	<0.8	82	43	14
	9/17/2007	3,800 L	52 C	4.0	25	8.2 C	11	<0.8	56	65	11
	12/19/2007	8,400	<0.5	<0.5	41	23.2 C	21	<0.5	77	61	10
	3/11/2008	6,300 Y	<0.5	<0.5	59	8.8 C	22	<1.0	49	41	7.4
	6/10/2008	7,000	87 C	<0.5	37	9.0 C	9.5	<1.0	31	51	4.7
	9/9/2008	4,300	29 C	<0.5	41	9.5 C	17	<0.5	52	<0.5	6.5
	12/2/2008	3,200	55 C	<0.5	27	13.2	16	<0.5	51	63	5.8
3/12/2009	2,300	11 C	<0.5	21	10.8 C	20	<0.5	45	49	5.3	
6/11/2009	2,200	14	4.4	23 C	7.1 C	17	<0.5	48	69	4.7	
8/25/2009	3,100 Y	40 C	<0.5	30	8.1 C	11	<1.0	29	51	3	
CDPH MCL		-	1	150	300	1,750	5	0.5	6	10	0.5

Notes:

1. Results are reported in micrograms per liter (µg/L).
2. NA refers to Not Analyzed.
3. TPH-g refers to Total Petroleum Hydrocarbons as Gasoline.
4. TCE refers to Trichloroethene.
5. trans-1,2-DCE refers to trans-1,2-dichloroethene.
6. cis-1,2-DCE refers to cis-1,2-dichloroethene.
7. VC refers to vinyl chloride.
8. 1,2-DCA refers to 1,2-dichloroethane.
9. Y = Sample exhibits chromatographic pattern which does not resemble standard.
10. Z = Sample exhibits unknown single peak or peaks.
11. C = Presence confirmed, but RPD between columns exceed 40%.
12. L = Lighter hydrocarbons contributed to the quantitation.
13. CDPH MCL refers to California Department of Public Health Maximum Contaminant Level.

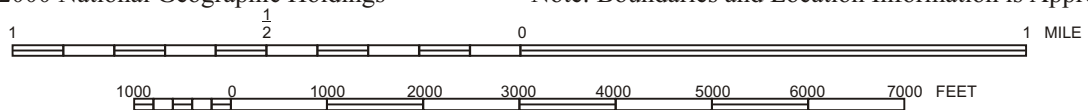


FIGURES



Map Source: TOPO!© 2000 National Geographic Holdings

Note: Boundaries and Location Information is Approximate



Portion of the 7.5-Minute Series Oakland East, California
 Quadrangle Topographic Map (Datum: NAD 27)
 United States Department of the Interior
 Geological Survey
 1997



QUADRANGLE LOCATION

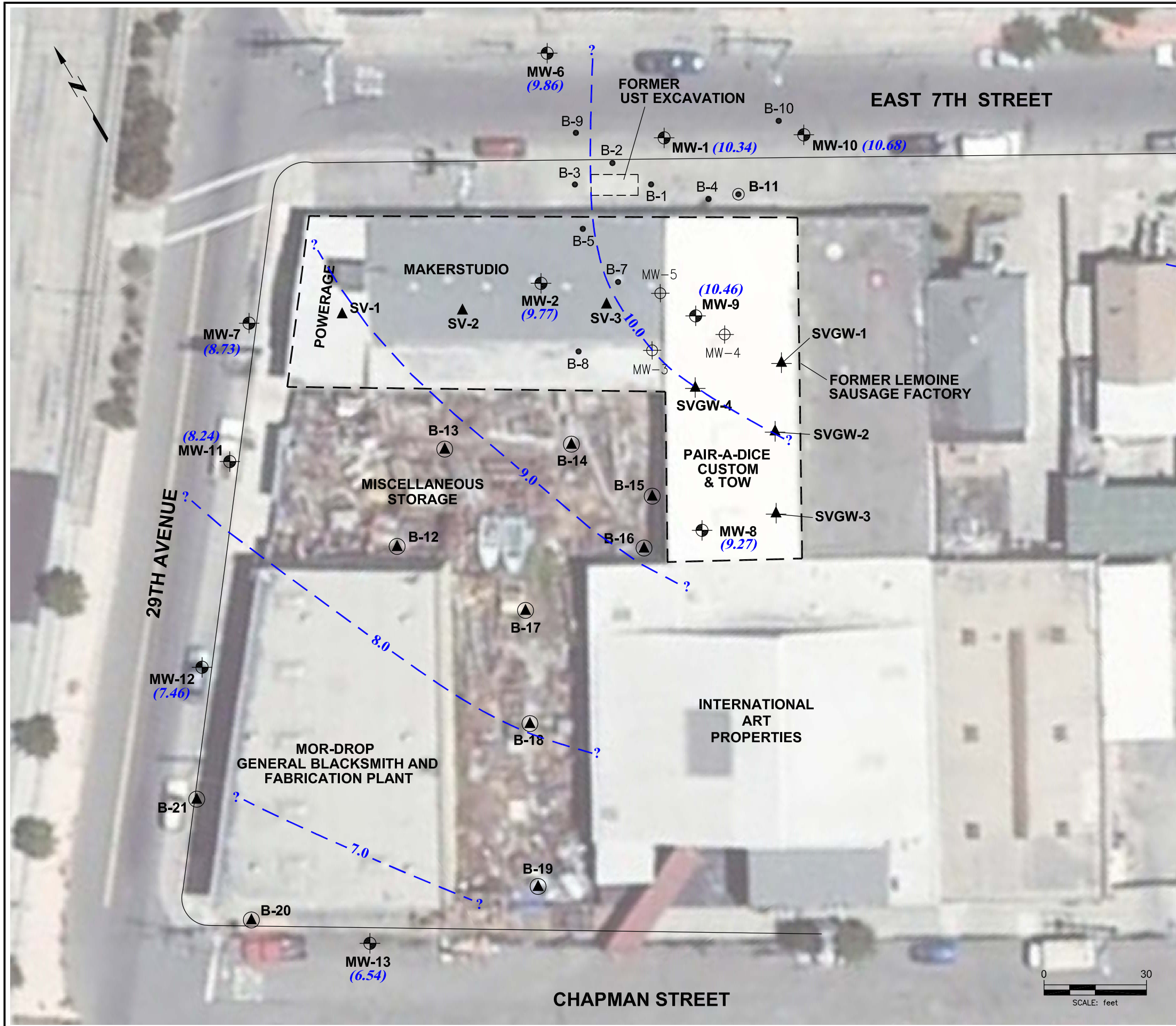
PROPERTY LOCATION MAP
 Former Lemoine Sausage Factory
 630 29th Avenue
 Oakland, California
 Project No. 33104-004578.00

FIGURE


1

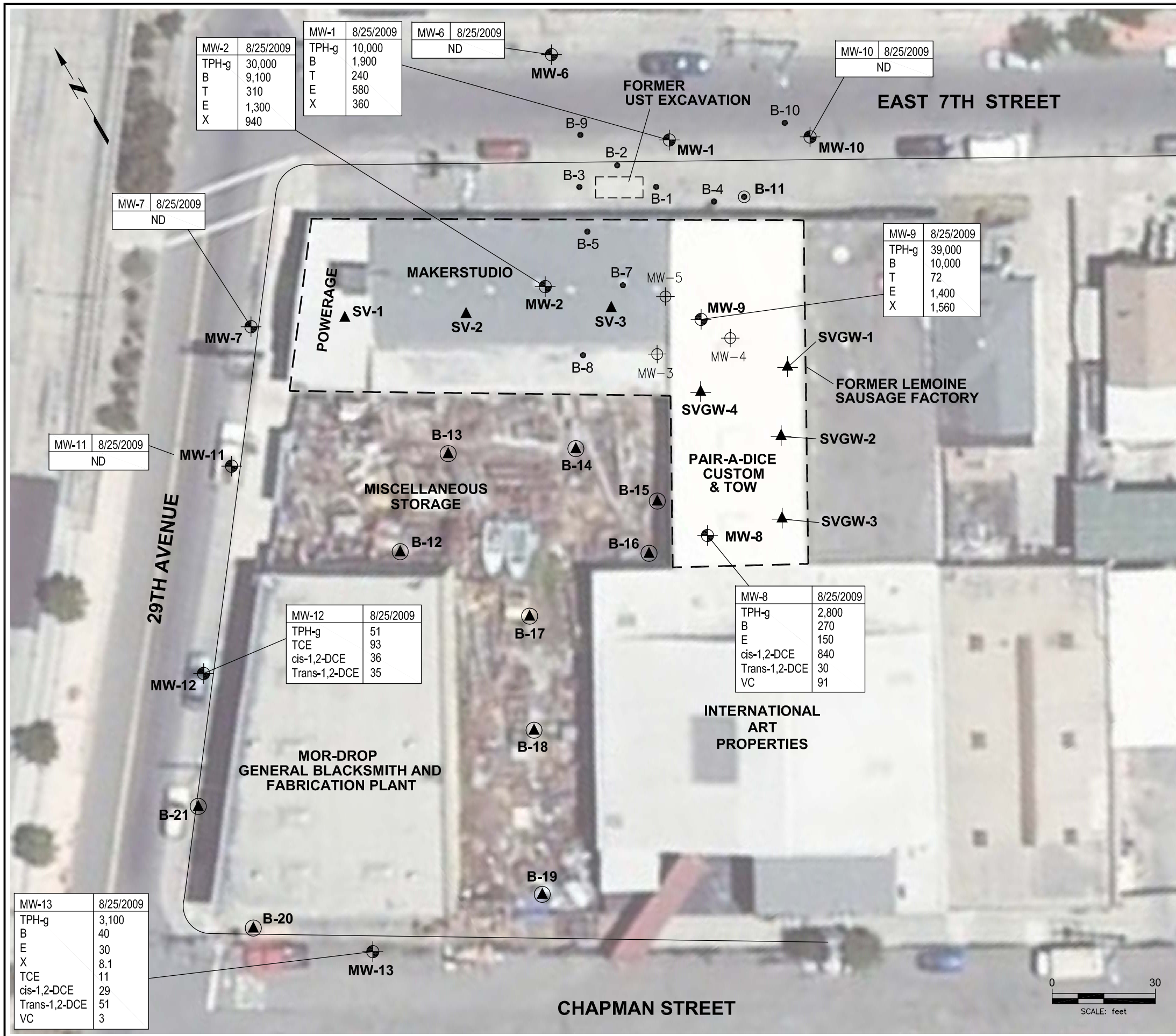


BUREAU
 VERITAS



- LEGEND:**
- Existing Monitoring Well
 - ⊕ Abandoned Monitoring Well
 - Soil Boring
 - ▲ Soil Vapor Boring
 - ▲ Soil Vapor/Grab Groundwater Boring
 - ⊕ Soil Vapor, Soil, and Grab Groundwater Boring
 - ⊙ Exploratory Boring
- (10.34) Groundwater Elevation (ft amsl)
- 10.0 — Groundwater Elevation Contour (ft amsl)
- Note:
Elevations in feet above mean sea level.

GROUNDWATER ELEVATION MAP AUGUST 25, 2009	Figure	
FORMER LEMOINE SAUSAGE FACTORY 630 29TH AVENUE OAKLAND, CALIFORNIA Project No. 33104-004578.00	2 09/28/09 SITE0909.DWG	



MW-2	8/25/2009
TPH-g	30,000
B	9,100
T	310
E	1,300
X	940

MW-1	8/25/2009
TPH-g	10,000
B	1,900
T	240
E	580
X	360

MW-6	8/25/2009
ND	

MW-10	8/25/2009
ND	

MW-7	8/25/2009
ND	

MW-9	8/25/2009
TPH-g	39,000
B	10,000
T	72
E	1,400
X	1,560

MW-11	8/25/2009
ND	

MW-12	8/25/2009
TPH-g	51
TCE	93
cis-1,2-DCE	36
Trans-1,2-DCE	35

MW-8	8/25/2009
TPH-g	2,800
B	270
E	150
cis-1,2-DCE	840
Trans-1,2-DCE	30
VC	91

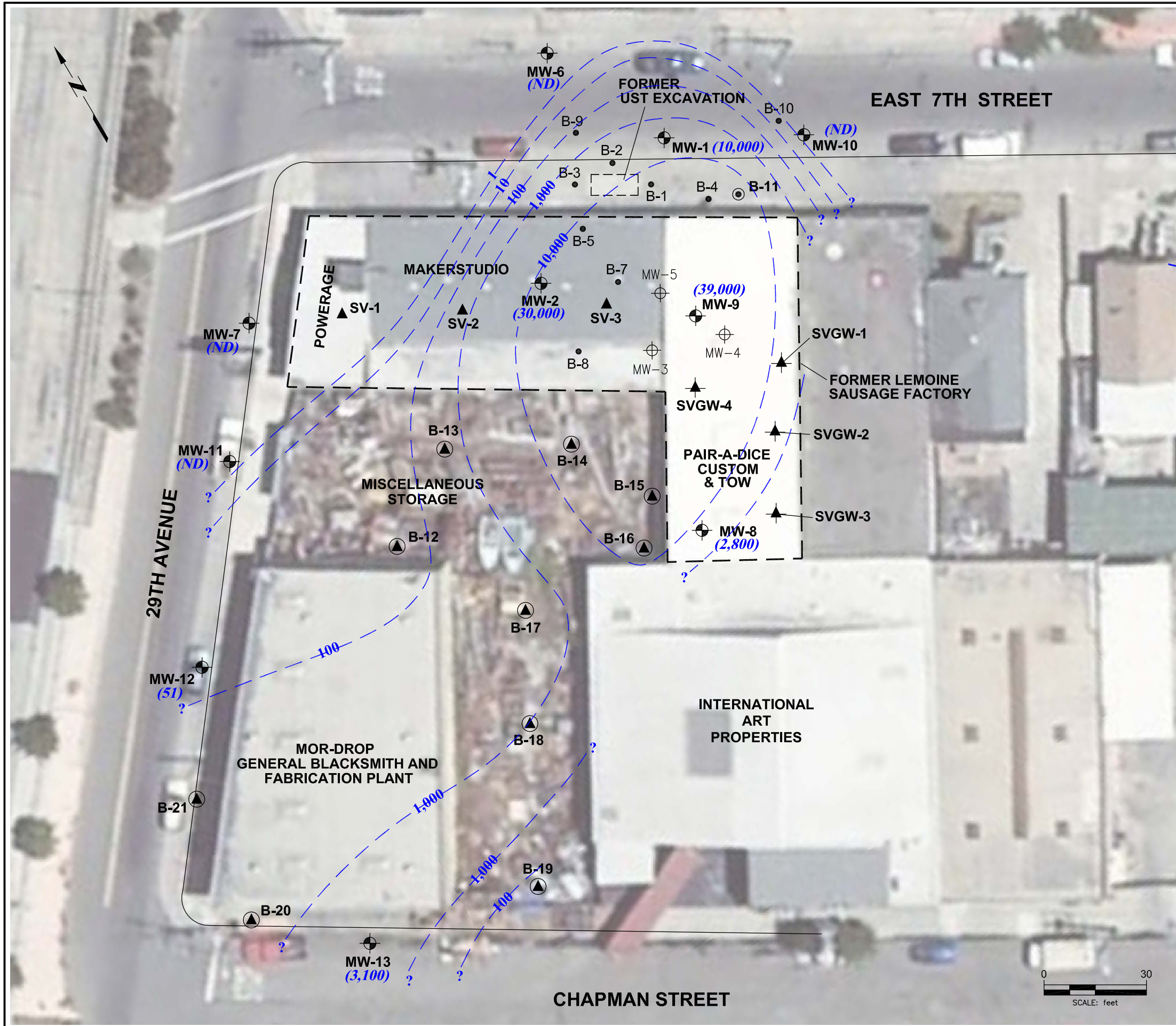
MW-13	8/25/2009
TPH-g	3,100
B	40
E	30
X	8.1
TCE	11
cis-1,2-DCE	29
Trans-1,2-DCE	51
VC	3

- LEGEND:**
- Existing Monitoring Well
 - ⊕ Abandoned Monitoring Well
 - Soil Boring
 - ▲ Soil Vapor Boring
 - ▲ Soil Vapor/Grab Groundwater Boring
 - ⊕ Soil Vapor, Soil, and Grab Groundwater Boring
 - ⊙ Exploratory Boring

Notes:
 Results reported in micrograms per liter (ug/L).
 TPH-g refers to total petroleum hydrocarbons quantified as gasoline.
 BTEX refers to benzene, toluene, ethylbenzene, and xylenes.
 TPH-g/BTEX were analyzed using EPA Method 8021B.
 VOCs refer to volatile organic compounds, which were analyzed using EPA MethodS 8260B and 8610 (for the monitoring wells)
 "-" refers to not analyzed.


- B Benzene
- T Toluene
- E Ethylbenzene
- X Xylenes
- TCE Trichloroethene
- cis-1,2-DCE cis-1,2-Dichloroethene
- Trans-1,2-DCE Trans-1,2-Dichloroethene
- 1,1-DCE 1,1-Dichloroethene
- 1,2-DCA 1,2-Dichloroethane
- VC Vinyl Chloride

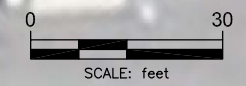
DISTRIBUTION OF TPH AND VOC CONCENTRATIONS IN GROUNDWATER AUGUST 25, 2009 FORMER LEMOINE SAUSAGE FACTORY 630 29TH AVENUE OAKLAND, CALIFORNIA Project No. 33104-004578.00	Figure	
	3	
09/21/09	SITE0909.DWG	

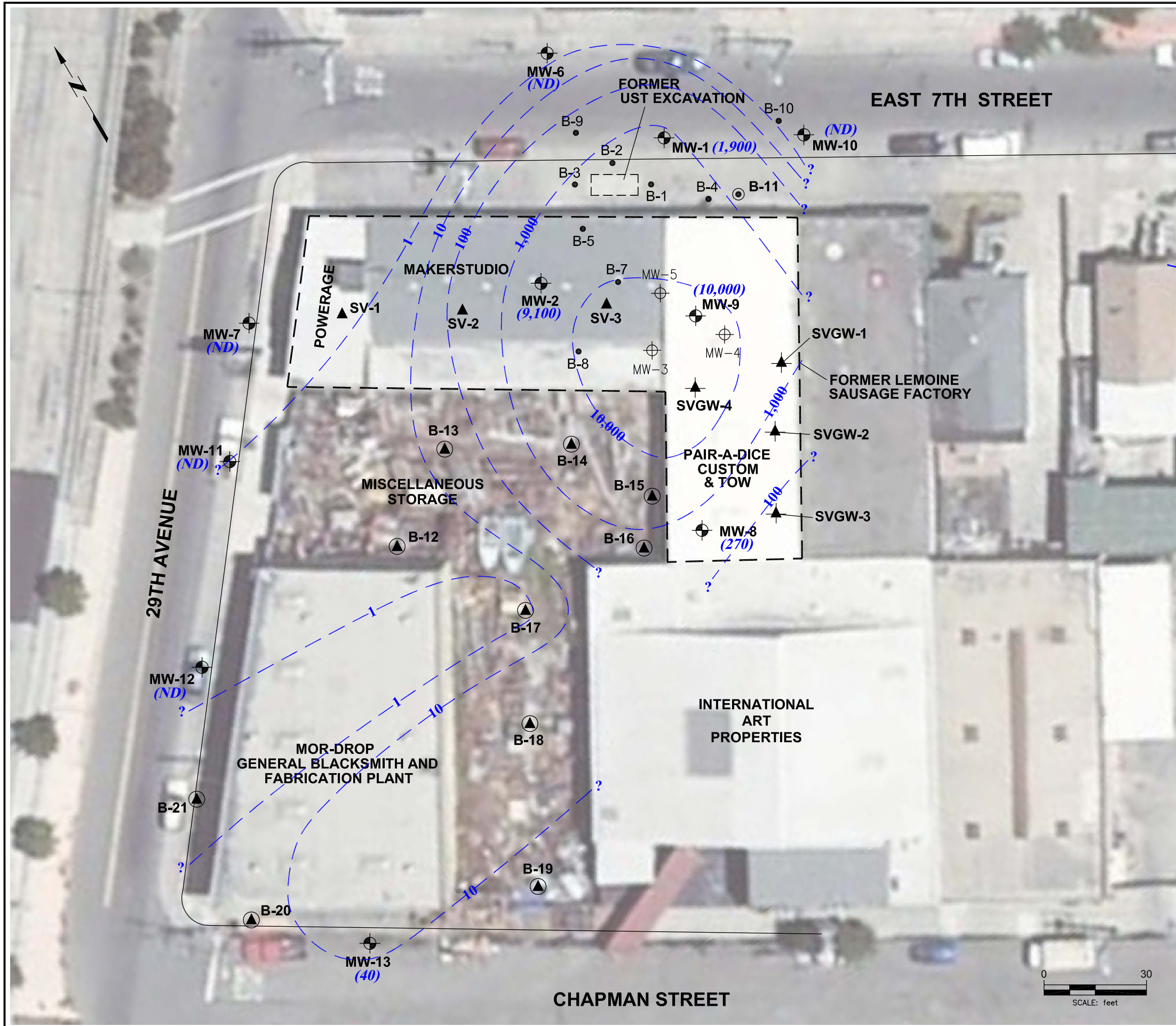


- LEGEND:**
- Existing Monitoring Well
 - ⊕ Abandoned Monitoring Well
 - Soil Boring
 - ▲ Soil Vapor Boring
 - ▲ Soil Vapor/Grab Groundwater Boring
 - ⊕ Soil Vapor, Soil, and Grab Groundwater Boring
 - ⊙ Exploratory Boring
- (2,800) TPH-g concentration (ug/L) in groundwater
- 1,000— TPH-g concentration contour (ug/L) in groundwater

Notes:
 Results reported in micrograms per liter (ug/L).
 TPH-g refers to total petroleum hydrocarbons quantified as gasoline.
 TPH-g was analyzed using EPA Method 8021B.
 ND refers to not detected.

<p>TPH-g CONCENTRATIONS IN GROUNDWATER, AUGUST 25, 2009</p> <p>FORMER LEMOINE SAUSAGE FACTORY 630 29TH AVENUE OAKLAND, CALIFORNIA Project No. 33104-004578.00</p>	<p>Figure 4 09/21/09 SITE0909.DWG</p>	 <p>BUREAU VERITAS</p>
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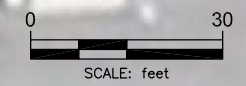


- LEGEND:**
- Existing Monitoring Well
 - ⊕ Abandoned Monitoring Well
 - Soil Boring
 - ▲ Soil Vapor Boring
 - ▲ Soil Vapor/Grab Groundwater Boring
 - ⊕ Soil Vapor, Soil, and Grab Groundwater Boring
 - ⊙ Exploratory Boring

(270) Benzene concentration (ug/L) in groundwater
 —1,000— Benzene concentration contour (ug/L) in groundwater

Notes:
 Results reported in micrograms per liter (ug/L).
 B refers to benzene.
 Benzene was analyzed using EPA Method 8021B.
 ND refers to not detected.

<p>BENZENE CONCENTRATIONS IN GROUNDWATER, AUGUST 25, 2009</p> <p>FORMER LEMOINE SAUSAGE FACTORY 630 29TH AVENUE OAKLAND, CALIFORNIA Project No. 33104-004578.00</p>	<p>Figure 5 09/21/09 SITE0909.DWG</p>	 <p>BUREAU VERITAS</p>
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APPENDIX A
FIELD SAMPLING DATA SHEETS



GROUNDWATER SAMPLING DATA SHEET

Project Name: Former Lemoine Sausage Factory Well ID Number: MW-1
 Project No.: 33104-004578.00 Sample ID Number: MW-1
 Project Location: 630 29th Avenue, Oakland, CA Date Gauged: 8-25-09
 Field Technician: Jeremy Wilson Date Purged: I
 Weather Conditions: clear + warm 90s/80s Date Sampled: I

Top of Casing Elevation (ft, msl): 16.69 Casing Diameter (inches): 3/4 "
 Depth to Water Elevation (ft, btoc): 6.35 Wellhead Condition: 00
 Groundwater Elevation (ft, msl): 10.34 Presence of Wellhead Gases: No
 Depth to Well Bottom (ft, btoc): 7.69 Vapor Reading (ppm): -
 Water Column Height (ft): 2.65 Presence of SPH: No
 Calculated Purge Volume (gal): 0.061 Thickness of SPH (ft): -
 Actual Purge Volume (gal): Comments:
Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163 3/4" = 0.023

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity	Temp (°C)	Dissolved Oxygen (mg/L / %)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor

Water Level Indicator Model & No.: Inhouse Purge Method: peristaltic pump
 pH/Cond/Temp Meter Model: u-22 Purge Equipment Used: I
 Turbidity Meter Model: I Purge Rate (gpm): I
 Sample Collection Time: 1240 Chemical Laboratory: Curtis and Tompkins
 Sample Collection Method: peristaltic pump Chemical Analysis: TPH-g/BTEX/VOCs
 Sample Containers Used: Voas

Other Field Observations: NO purge due to limited H₂O + slow recharge
 Well Dry following sampling moderate petroleum odor



GROUNDWATER SAMPLING DATA SHEET

Project Name: Former Lemoine Sausage Factory	Well ID Number: MW-2	
Project No.: 33104-004578.00	Sample ID Number: MW-2	
Project Location: 630 29th Avenue, Oakland, CA	Date Gauged: 8-25-09	
Field Technician: Jeremy Wilson	Date Purged: J	
Weather Conditions: clear + warm 70's/80's	Date Sampled:	

Top of Casing Elevation (ft, msl): 20.79	Casing Diameter (inches): 3/4"	
Depth to Water Elevation (ft, btoc): 11.02	Wellhead Condition: 04	
Groundwater Elevation (ft, msl): 9.77	Presence of Wellhead Gases: nu	
Depth to Well Bottom (ft, btoc): 0.79	Vapor Reading (ppm): -	
Water Column Height (ft): 8.98	Presence of SPH: N6	
Calculated Purge Volume (gal): 0.21 0.23	Thickness of SPH (ft): -	
Actual Purge Volume (gal):	Comments: No Purging	

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

3/4" = 0.023

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity	Temp (°C)	Dissolved Oxygen (mg/L / %)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor

Water Level Indicator Model & No.: Inhouse WLS	Purge Method: none
pH/Cond/Temp Meter Model: u-22	Purge Equipment Used: none
Turbidity Meter Model: u-22	Purge Rate (gpm):
Sample Collection Time: 1315	Chemical Laboratory: Curtis and Tompkins
Sample Collection Method: peristaltic pump	Chemical Analysis: TPH-g/BTEX/VOCs
Sample Containers Used: Voas	

Other Field Observations: no purging due to limited GW + slow recharge



GROUNDWATER SAMPLING DATA SHEET

Project Name: Former Lemoine Sausage Factory		Well ID Number: MW-6
Project No.: 33104-004578.00		Sample ID Number: MW-6
Project Location: 630 29th Avenue, Oakland, CA		Date Gauged: 8-25-09
Field Technician: Jeremy Wilson		Date Purged: ↓
Weather Conditions: Clear + warm 70s/80s		Date Sampled: ↓
Top of Casing Elevation (ft, msl): 16.60	Casing Diameter (inches): 2"	
Depth to Water Elevation (ft, btoc): 6.74	Wellhead Condition: OK	
Groundwater Elevation (ft, msl): 9.86	Presence of Wellhead Gases: NO	
Depth to Well Bottom (ft, btoc): -3.40	Vapor Reading (ppm): —	
Water Column Height (ft): 13.26	Presence of SPH: NO	
Calculated Purge Volume (gal): 2.25	Thickness of SPH (ft): —	
Actual Purge Volume (gal): 6.75	Comments:	

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	mS/cm Specific Conductivity	Temp (°C)	Dissolved Oxygen (mg/L / %)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor
1440	2.25	1.31	23.42	4.42	6.27	-1.7	143	NO
1445	2.25	1.48	21.88	3.29	6.18	11.0	407	NO
1450	2.25	1.51	21.87	3.85	6.17	3.4	466	NO

Water Level Indicator Model & No.: Inhouse WLI	Purge Method: Disposable Bailer
pH/Cond/Temp Meter Model: U-22	Purge Equipment Used: ↓
Turbidity Meter Model: U-22	Purge Rate (gpm): —
Sample Collection Time: 1455	Chemical Laboratory: Curtis and Tompkins
Sample Collection Method: Disposable Bailer	Chemical Analysis: TPH-g/BTEX/VOCs
Sample Containers Used: Voas	

Other Field Observations: No odor, clear water



GROUNDWATER SAMPLING DATA SHEET

Project Name: Former Lemoine Sausage Factory	Well ID Number: MW-7	
Project No.: 33104-004578.00	Sample ID Number: MW-7	
Project Location: 630 29th Avenue, Oakland, CA	Date Gauged: 8.25.09	
Field Technician: Jeremy Wilson	Date Purged: ↓	
Weather Conditions: clear, warm, 90's/80's	Date Sampled: ↓	

Top of Casing Elevation (ft, msl): 15.47	Casing Diameter (inches): 2"	
Depth to Water Elevation (ft, btoc): 6.74	Wellhead Condition: OK	
Groundwater Elevation (ft, msl): 8.73	Presence of Wellhead Gases: No	
Depth to Well Bottom (ft, btoc): -4.53	Vapor Reading (ppm): -	
Water Column Height (ft): 13.26	Presence of SPH: NO	
Calculated Purge Volume (gal): 2.25	Thickness of SPH (ft): -	
Actual Purge Volume (gal): 9.0	Comments:	

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	mS/cm Specific Conductivity	Temp (°C)	Dissolved Oxygen (mg/L / %)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor
1632	2.25	1.41	21.51	4.93	6.30	16.9	310	No
1637	2.25	1.40	20.63	4.52	6.25	57.4	314	No
1642	2.25	1.46	20.16	4.69	6.24	63.3	313	No
1646	2.25	1.40	20.17	4.62	6.24	66.2	311	No

Water Level Indicator Model & No.: Inhouse WLI	Purge Method: Disposable Bailer
pH/Cond/Temp Meter Model: U-22	Purge Equipment Used: ↓
Turbidity Meter Model: U-22	Purge Rate (gpm): -
Sample Collection Time: 1650	Chemical Laboratory: Curtis and Tompkins
Sample Collection Method: Disposable Bailer	Chemical Analysis: TPH-g/BTEX/VOCs
Sample Containers Used: Voas	

Other Field Observations: no odor



GROUNDWATER SAMPLING DATA SHEET

Project Name: Former Lemoine Sausage Factory		Well ID Number: MW-8	
Project No.: 33104-004578.00		Sample ID Number: MW-8	
Project Location: 630 29th Avenue, Oakland, CA		Date Gauged: 8-25-09	
Field Technician: Jeremy Wilson		Date Purged: L	
Weather Conditions: Clear, Warm, 70s-80's		Date Sampled: L	
Top of Casing Elevation (ft, msl):	17.58	Casing Diameter (inches):	2"
Depth to Water Elevation (ft, btoc):	8.31	Wellhead Condition:	OK
Groundwater Elevation (ft, msl):	9.27	Presence of Wellhead Gases:	NO
Depth to Well Bottom (ft, btoc):	-2.42	Vapor Reading (ppm):	-
Water Column Height (ft):	11.69	Presence of SPH:	NO
Calculated Purge Volume (gal):	1.99	Thickness of SPH (ft):	-
Actual Purge Volume (gal):	6.75	Comments:	

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	ns/cm Specific Conductivity	Temp (°C)	Dissolved Oxygen (mg/l / %)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor
1157	2.0	1.80	17.20	3.57	6.33	12.4	-39	Yes
1202	2.0	1.81	16.90	3.02	6.27	5.5	-45	Yes
1207	2.0	1.86	16.75	4.54	6.22	21.7	-58	Yes
1209	0.75	1.86	16.77	4.30	6.22	24.3	-62	Yes

Water Level Indicator Model & No.: Inhouse	Purge Method: Disposable Barker
pH/Cond/Temp Meter Model: U-22	Purge Equipment Used: L
Turbidity Meter Model: U-22	Purge Rate (gpm): -
Sample Collection Time: 1330	Chemical Laboratory: Curtis and Tompkins
Sample Collection Method: Disposable Barker	Chemical Analysis: TPH-g/BTEX/VOCs
Sample Containers Used: Voas	

Other Field Observations: Strong chemical odors + Petroleum odors
 Well purged Dry during 4th purge event
 Done at sampling 11.27



GROUNDWATER SAMPLING DATA SHEET

Project Name: Former Lemoine Sausage Factory	Well ID Number: MW-9	
Project No.: 33104-004578.00	Sample ID Number: MW-9	
Project Location: 630 29th Avenue, Oakland, CA	Date Gauged: 8-25-09	
Field Technician: Jeremy Wilson	Date Purged: <u> </u>	
Weather Conditions: Clear 60-70's	Date Sampled: <u> </u>	

Top of Casing Elevation (ft, msl): 17.61	Casing Diameter (inches): 2"	
Depth to Water Elevation (ft, btoc): 7.15	Wellhead Condition: OK	
Groundwater Elevation (ft, msl): 10.46	Presence of Wellhead Gases: NO	
Depth to Well Bottom (ft, btoc): 2.61	Vapor Reading (ppm): -	
Water Column Height (ft): 7.85	Presence of SPH: NO	
Calculated Purge Volume (gal): 1.33	Thickness of SPH (ft): -	
Actual Purge Volume (gal): 2.25	Comments:	

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	MS/cm Specific Conductivity	Temp (°C)	Dissolved Oxygen (mg/L / %)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor
1220	1.5	13.4	18.04	0.0	6.04	39.2	-66	yes
1222	0.75	15.5	17.91	12.98	6.09	40.1	-40	yes

Water Level Indicator Model & No.: Inhorse	Purge Method: Disposable Bailer
pH/Cond/Temp Meter Model: U-22	Purge Equipment Used: <u> </u>
Turbidity Meter Model: U-22	Purge Rate (gpm): <u> </u>

Sample Collection Time: 1345	Chemical Laboratory: Curtis and Tompkins
Sample Collection Method: Disposable Bailer	Chemical Analysis: TPH-g/BTEX/VOCs
Sample Containers Used: Voas	

Other Field Observations: Strong petroleum odor
 Purged Dry During 2nd purge event DTW at sampling 10.02



GROUNDWATER SAMPLING DATA SHEET

Project Name: Former Lemoine Sausage Factory Well ID Number: MW-10
 Project No.: 33104-004578.00 Sample ID Number: MW-10
 Project Location: 630 29th Avenue, Oakland, CA Date Gauged: 8-25-09
 Field Technician: Jeremy Wilson Date Purged:
 Weather Conditions: Clear & Warm 70's/80's Date Sampled:

Top of Casing Elevation (ft, msl): 16.92 Casing Diameter (inches): 2"
 Depth to Water Elevation (ft, btoc): 6.24 Wellhead Condition: OK
 Groundwater Elevation (ft, msl): 10.68 Presence of Wellhead Gases: No
 Depth to Well Bottom (ft, btoc): 7.92 Vapor Reading (ppm):
 Water Column Height (ft): 2.76 Presence of SPH: No
 Calculated Purge Volume (gal): 0.47 Thickness of SPH (ft):
 Actual Purge Volume (gal): 1.25 Comments:

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	mS/cm Specific Conductivity	Temp (°C)	Dissolved Oxygen (mg/L / %)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor
1408	0.50	1.05	25.78	4.73	6.58	24.1	-98	Slight
1411	0.50	0.92	25.84	4.61	6.44	64.3	-92	Slight
1413	0.25	0.869	25.93	5.62	6.41	66.8	-85	Slight

Water Level Indicator Model & No.: Inhouse WLI Purge Method: Disposable Boiler
 pH/Cond/Temp Meter Model: u-22 Purge Equipment Used:
 Turbidity Meter Model: u-22 Purge Rate (gpm):
 Sample Collection Time: 1425 Chemical Laboratory: Curtis and Tompkins
 Sample Collection Method: Disposable Boiler Chemical Analysis: TPH-g/BTEX/VOCs
 Sample Containers Used: Voas

Other Field Observations: ^{petroleum} slight organic/petroleum odor
 Well Purged Day during 3rd purge event OTW @ Sampling 6.88



GROUNDWATER SAMPLING DATA SHEET

Project Name: Former Lemoine Sausage Factory	Well ID Number: MW-11	
Project No.: 33104-004578.00	Sample ID Number: MW-11	
Project Location: 630 29th Avenue, Oakland, CA	Date Gauged: 8.25.09	
Field Technician: Jeremy Wilson	Date Purged: †	
Weather Conditions: Clear 70's-80's	Date Sampled: †	

Top of Casing Elevation (ft, msl): 14.87	Casing Diameter (inches): 2"	
Depth to Water Elevation (ft, btoc): 6.63	Wellhead Condition: OK	
Groundwater Elevation (ft, msl): 8.24	Presence of Wellhead Gases: No	
Depth to Well Bottom (ft, btoc): -0.13	Vapor Reading (ppm): -	
Water Column Height (ft): 8.37	Presence of SPH: No	
Calculated Purge Volume (gal): 1.42	Thickness of SPH (ft): -	
Actual Purge Volume (gal): 2.75	Comments:	

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	ms/cm Specific Conductivity	Temp (°C)	Dissolved Oxygen (mg/L/%)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor
1553	1.5	2.37	21.84	4.72	6.16	1.9	451	No
1556	1.25	2.24	21.68	5.87	6.02	3.9	515	No
	2.75							

Water Level Indicator Model & No.: Inhouse well	Purge Method: Disposable Bailer
pH/Cond/Temp Meter Model: u-22	Purge Equipment Used: †
Turbidity Meter Model: u-22	Purge Rate (gpm): -
Sample Collection Time: 1615	Chemical Laboratory: Curtis and Tompkins
Sample Collection Method: Disposable Bailer	Chemical Analysis: TPH-g/BTEX/VOCs
Sample Containers Used: Voas	

Other Field Observations: No odor
Well Purged Dry During 2nd purge event DTW @ Sampling 9.72



GROUNDWATER SAMPLING DATA SHEET

Project Name: Former Lemoine Sausage Factory		Well ID Number: MW-12	
Project No.: 33104-004578.00		Sample ID Number: MW-12	
Project Location: 630 29th Avenue, Oakland, CA		Date Gauged: 8-25-09	
Field Technician: Jeremy Wilson		Date Purged: ↓	
Weather Conditions: clear, warm 70's-80's, breezy		Date Sampled: ↓	
Top of Casing Elevation (ft, msl): 14.05		Casing Diameter (inches): 2"	
Depth to Water Elevation (ft, btoc): 6.59		Wellhead Condition: OK	
Groundwater Elevation (ft, msl): 7.46		Presence of Wellhead Gases: NO	
Depth to Well Bottom (ft, btoc): -0.95		Vapor Reading (ppm): -	
Water Column Height (ft): 8.41		Presence of SPH: NO	
Calculated Purge Volume (gal): 1.43		Thickness of SPH (ft): -	
Actual Purge Volume (gal): 6.0		Comments:	

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	ms/cm Specific Conductivity	Temp (°C)	Dissolved Oxygen (mg/L / %)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor
1520	1.5	1.54	21.65	5.24	6.40	17.4	223	NO
1523	1.5	1.55	20.89	3.89	6.33	10.3	231	NO
1526	1.5	1.56	20.58	3.64	6.29	8.9	236	NO
1530	1.5	1.57	20.57	4.42	6.30	31.7	244	NO

Water Level Indicator Model & No.: Inhouse WLI		Purge Method: Disposable Barler	
pH/Cond/Temp Meter Model: U-22		Purge Equipment Used: ↓	
Turbidity Meter Model: U-22		Purge Rate (gpm): -	
Sample Collection Time: 1540		Chemical Laboratory: Curtis and Tompkins	
Sample Collection Method: Disposable Barler		Chemical Analysis: TPH-g/BTEX/VOCs	
Sample Containers Used: Voas			

Other Field Observations: NO ODR



GROUNDWATER SAMPLING DATA SHEET

Project Name: Former Lemoine Sausage Factory	Well ID Number: MW-13	
Project No.: 33104-004578.00	Sample ID Number: MW-13	
Project Location: 630 29th Avenue, Oakland, CA	Date Gauged: 8.25.09	
Field Technician: Jeremy Wilson	Date Purged: 8.25.09	
Weather Conditions: Clear + warm no's/80's	Date Sampled: 8.25.09	

Top of Casing Elevation (ft, msl): 13.39	Casing Diameter (inches): 2"	
Depth to Water Elevation (ft, btoc): 6.85	Wellhead Condition: ADD OK	
Groundwater Elevation (ft, msl): 6.54	Presence of Wellhead Gases: NO	
Depth to Well Bottom (ft, btoc): -1.61	Vapor Reading (ppm): -	
Water Column Height (ft): 8.15	Presence of SPH: NO	
Calculated Purge Volume (gal): 1.39	Thickness of SPH (ft): -	
Actual Purge Volume (gal): 4.0	Comments:	

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	mS/cm Specific Conductivity	Temp (°C)	Dissolved Oxygen (mg/L / %)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor
1710	1.5	1.28	22.47	3.41	6.20	5.8	-37	Yes
1713	1.5	1.28	21.96	3.46	6.19	4.7	-66	Yes
1716	1.0	1.23	21.48	3.61	6.22	5.4	-89	Yes

Water Level Indicator Model & No.: Inhouse WLI	Purge Method: Disposable Baker
pH/Cond/Temp Meter Model: u-22	Purge Equipment Used: J
Turbidity Meter Model: u-22	Purge Rate (gpm): -
Sample Collection Time: 1730	Chemical Laboratory: Curtis and Tompkins
Sample Collection Method: Disposable Baker	Chemical Analysis: TPH-g/BTEX/VOCs
Sample Containers Used: Voas	

Other Field Observations: **Moderately strong Petroleum/chemical odor**
Purged Dry during 3rd purge event **DTW @ Sampling 9.25**

Groundwater Elevation Data
Former Lemoine Sausage Factory
630 29th Avenue
Alameda, California

Well Identification	Date Measured	Time Measured	Time Sampled	Top of Casing Elevation (ft,msl)	Initial Depth to Water (feet)	Sampling Depth to Water (feet)	Groundwater Elevation (ft,msl)
MW-1	8.25.09	1114	1247	16.69	6.35	6.35	10.34
MW-2	8.25.09	1125	1315	20.79	11.02	11.02	9.77
MW-6	8.25.09	1112	1455	16.6	6.74	6.74	9.86
MW-7	8.25.09	1109	1650	15.47	6.74	6.74	8.73
MW-8	8.25.09	1120	1330	17.58	8.31	8.31	9.27
MW-9	8.25.09	1118	1345	17.61	7.15	7.15	10.46
MW-10	8.25.09	1116	1425	16.92	6.24	6.24	10.68
MW-11	8.25.09	1106	1615	14.87	6.63	6.63	8.24
MW-12	8.25.09	1103	1540	14.05	6.59	6.59	7.46
MW-13	8.25.09	1101	1730	13.39	6.85	6.85	6.54

Notes:

1. Top of casing elevations are referenced to mean sea level (msl). The reference point is the benchmark



APPENDIX B

CHAIN-OF-CUSTODY DOCUMENTATION AND CERTIFIED ANALYTICAL REPORTS



Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878





Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 214423
ANALYTICAL REPORT

Bureau Veritas North America
2430 Camino Ramon
San Ramon, Ca 94583

Project : 33104-004578.00
Location : Sausage Factory
Level : II

Table with 2 columns: Sample ID, Lab ID. Rows include MW-01 through MW-13 with corresponding Lab IDs from 214423-001 to 214423-010.

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: [Handwritten Signature]
Project Manager

Date: 09/02/2009

NELAP # 01107CA

CASE NARRATIVE

Laboratory number: 214423
Client: Bureau Veritas North America
Project: 33104-004578.00
Location: Sausage Factory
Request Date: 08/26/09
Samples Received: 08/25/09

This data package contains sample and QC results for ten water samples, requested for the above referenced project on 08/26/09. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B and EPA 8021B):

High surrogate recoveries were observed for bromofluorobenzene (FID) and trifluorotoluene (FID) in a number of samples. High surrogate recoveries were observed for trifluorotoluene (PID) in MW-01 (lab # 214423-001), MW-08 (lab # 214423-005), and MW-13 (lab # 214423-010). High surrogate recovery was observed for bromofluorobenzene (PID) in MW-13 (lab # 214423-010). No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

MW-01 (lab # 214423-001), MW-02 (lab # 214423-002), and MW-09 (lab # 214423-006) were diluted due to high non-target analytes. No other analytical problems were encountered.

COOLER RECEIPT CHECKLIST



Curtis & Tompkins, Ltd.

Login # 214425 Date Received 8/25/09 Number of coolers 1

Client BUREAU VERITAS Project SAUSAGE FACTORY

Date Opened 8/25/09 By (print) M. VILLANUEVA (sign) [Signature]

Date Logged in 8/26/09 By (print) [Signature] (sign) [Signature]

1. Did cooler come with a shipping slip (airbill, etc) YES NO Shipping info

2A. Were custody seals present? ... YES (circle) on cooler on samples YES NO How many Name Date

2B. Were custody seals intact upon arrival? YES NO N/A

3. Were custody papers dry and intact when received? YES NO

4. Were custody papers filled out properly (ink, signed, etc)? YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) YES NO

6. Indicate the packing in cooler: (if other, describe)

- Bubble Wrap, Foam blocks, Bags, None, Cloth material, Cardboard, Styrofoam, Paper towels

7. Temperature documentation: Type of ice used: Wet, Blue/Gel, None Temp(C) 4.7

- Samples Received on ice & cold without a temperature blank, Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? YES NO If YES, what time were they transferred to freezer?

9. Did all bottles arrive unbroken/unopened? YES NO

10. Are samples in the appropriate containers for indicated tests? YES NO

11. Are sample labels present, in good condition and complete? YES NO

12. Do the sample labels agree with custody papers? YES NO

13. Was sufficient amount of sample sent for tests requested? YES NO

14. Are the samples appropriately preserved? YES NO N/A

15. Are bubbles > 6mm absent in VOA samples? YES NO N/A

16. Was the client contacted concerning this sample delivery? YES NO If YES, Who was called? By Date:

COMMENTS

Curtis & Tompkins Laboratories Analytical Report

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00		
Matrix:	Water	Sampled:	08/25/09
Units:	ug/L	Received:	08/25/09

Field ID:	MW-06	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	154308
Lab ID:	214423-003	Analyzed:	08/27/09

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	99	63-146	EPA 8015B
Bromofluorobenzene (FID)	94	70-140	EPA 8015B
Trifluorotoluene (PID)	95	50-140	EPA 8021B
Bromofluorobenzene (PID)	89	56-132	EPA 8021B

Field ID:	MW-07	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	154308
Lab ID:	214423-004	Analyzed:	08/27/09

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	93	63-146	EPA 8015B
Bromofluorobenzene (FID)	94	70-140	EPA 8015B
Trifluorotoluene (PID)	93	50-140	EPA 8021B
Bromofluorobenzene (PID)	86	56-132	EPA 8021B

*= Value outside of QC limits; see narrative
 C= Presence confirmed, but RPD between columns exceeds 40%
 Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Curtis & Tompkins Laboratories Analytical Report

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00		
Matrix:	Water	Sampled:	08/25/09
Units:	ug/L	Received:	08/25/09

Field ID:	MW-08	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	154308
Lab ID:	214423-005	Analyzed:	08/27/09

Analyte	Result	RL	Analysis
Gasoline C7-C12	2,800 Y	50	EPA 8015B
Benzene	270	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	150	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	201 *	63-146	EPA 8015B
Bromofluorobenzene (FID)	155 *	70-140	EPA 8015B
Trifluorotoluene (PID)	155 *	50-140	EPA 8021B
Bromofluorobenzene (PID)	128	56-132	EPA 8021B

Field ID:	MW-09	Lab ID:	214423-006
Type:	SAMPLE	Analyzed:	08/28/09

Analyte	Result	RL	Diln Fac	Batch#	Analysis
Gasoline C7-C12	39,000	250	5.000	154308	EPA 8015B
Benzene	10,000	25	50.00	154359	EPA 8021B
Toluene	72	25	50.00	154359	EPA 8021B
Ethylbenzene	1,400	25	50.00	154359	EPA 8021B
m,p-Xylenes	1,400	25	50.00	154359	EPA 8021B
o-Xylene	160	25	50.00	154359	EPA 8021B

Surrogate	%REC	Limits	Diln Fac	Batch#	Analysis
Trifluorotoluene (FID)	240 *	63-146	5.000	154308	EPA 8015B
Bromofluorobenzene (FID)	670 *	70-140	5.000	154308	EPA 8015B
Trifluorotoluene (PID)	123	50-140	50.00	154359	EPA 8021B
Bromofluorobenzene (PID)	96	56-132	50.00	154359	EPA 8021B

*= Value outside of QC limits; see narrative
 C= Presence confirmed, but RPD between columns exceeds 40%
 Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Curtis & Tompkins Laboratories Analytical Report

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00		
Matrix:	Water	Sampled:	08/25/09
Units:	ug/L	Received:	08/25/09

Field ID:	MW-10	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	154308
Lab ID:	214423-007	Analyzed:	08/27/09

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	90	63-146	EPA 8015B
Bromofluorobenzene (FID)	99	70-140	EPA 8015B
Trifluorotoluene (PID)	86	50-140	EPA 8021B
Bromofluorobenzene (PID)	79	56-132	EPA 8021B

Field ID:	MW-11	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	154308
Lab ID:	214423-008	Analyzed:	08/27/09

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	95	63-146	EPA 8015B
Bromofluorobenzene (FID)	93	70-140	EPA 8015B
Trifluorotoluene (PID)	97	50-140	EPA 8021B
Bromofluorobenzene (PID)	85	56-132	EPA 8021B

*= Value outside of QC limits; see narrative
 C= Presence confirmed, but RPD between columns exceeds 40%
 Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Curtis & Tompkins Laboratories Analytical Report

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00		
Matrix:	Water	Sampled:	08/25/09
Units:	ug/L	Received:	08/25/09

Field ID:	MW-12	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	154308
Lab ID:	214423-009	Analyzed:	08/27/09

Analyte	Result	RL	Analysis
Gasoline C7-C12	51 Y	50	EPA 8015B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	95	63-146	EPA 8015B
Bromofluorobenzene (FID)	94	70-140	EPA 8015B
Trifluorotoluene (PID)	102	50-140	EPA 8021B
Bromofluorobenzene (PID)	89	56-132	EPA 8021B

Field ID:	MW-13	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	154308
Lab ID:	214423-010	Analyzed:	08/27/09

Analyte	Result	RL	Analysis
Gasoline C7-C12	3,100 Y	50	EPA 8015B
Benzene	40 C	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	30	0.50	EPA 8021B
m,p-Xylenes	8.1 C	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	363 *	63-146	EPA 8015B
Bromofluorobenzene (FID)	255 *	70-140	EPA 8015B
Trifluorotoluene (PID)	210 *	50-140	EPA 8021B
Bromofluorobenzene (PID)	242 *	56-132	EPA 8021B

*= Value outside of QC limits; see narrative
 C= Presence confirmed, but RPD between columns exceeds 40%
 Y= Sample exhibits chromatographic pattern which does not resemble standard
 ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8021B
Matrix:	Water	Batch#:	154308
Units:	ug/L	Analyzed:	08/27/09
Diln Fac:	1.000		

Type: BS Lab ID: QC509538

Analyte	Spiked	Result	%REC	Limits
Benzene	10.00	8.704	87	79-120
Toluene	10.00	8.649	86	76-122
Ethylbenzene	10.00	8.861	89	77-125
m,p-Xylenes	10.00	8.890	89	76-126
o-Xylene	10.00	8.971	90	77-126

Surrogate	%REC	Limits
Trifluorotoluene (PID)	97	50-140
Bromofluorobenzene (PID)	90	56-132

Type: BSD Lab ID: QC509539

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Benzene	10.00	9.315	93	79-120	7	20
Toluene	10.00	8.908	89	76-122	3	21
Ethylbenzene	10.00	9.155	92	77-125	3	21
m,p-Xylenes	10.00	9.129	91	76-126	3	23
o-Xylene	10.00	9.195	92	77-126	2	21

Surrogate	%REC	Limits
Trifluorotoluene (PID)	92	50-140
Bromofluorobenzene (PID)	88	56-132

RPD= Relative Percent Difference

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC509540	Batch#:	154308
Matrix:	Water	Analyzed:	08/27/09
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	1,115	112	76-121

Surrogate	%REC	Limits
Trifluorotoluene (FID)	131	63-146
Bromofluorobenzene (FID)	113	70-140

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8015B
Field ID:	MW-06	Batch#:	154308
MSS Lab ID:	214423-003	Sampled:	08/25/09
Matrix:	Water	Received:	08/25/09
Units:	ug/L	Analyzed:	08/27/09
Diln Fac:	1.000		

Type: MS Lab ID: QC509541

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	30.83	2,000	2,160	106	66-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	150 *	63-146
Bromofluorobenzene (FID)	134	70-140

Type: MSD Lab ID: QC509542

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,268	112	66-120	5	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	143	63-146
Bromofluorobenzene (FID)	140	70-140

*= Value outside of QC limits; see narrative

RPD= Relative Percent Difference

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8021B
Matrix:	Water	Batch#:	154359
Units:	ug/L	Analyzed:	08/28/09
Diln Fac:	1.000		

Type: BS Lab ID: QC509747

Analyte	Spiked	Result	%REC	Limits
Benzene	10.00	8.840	88	79-120
Toluene	10.00	9.763	98	76-122
Ethylbenzene	10.00	9.791	98	77-125
m,p-Xylenes	10.00	9.641	96	76-126
o-Xylene	10.00	9.919	99	77-126

Surrogate	%REC	Limits
Trifluorotoluene (PID)	95	50-140
Bromofluorobenzene (PID)	100	56-132

Type: BSD Lab ID: QC509748

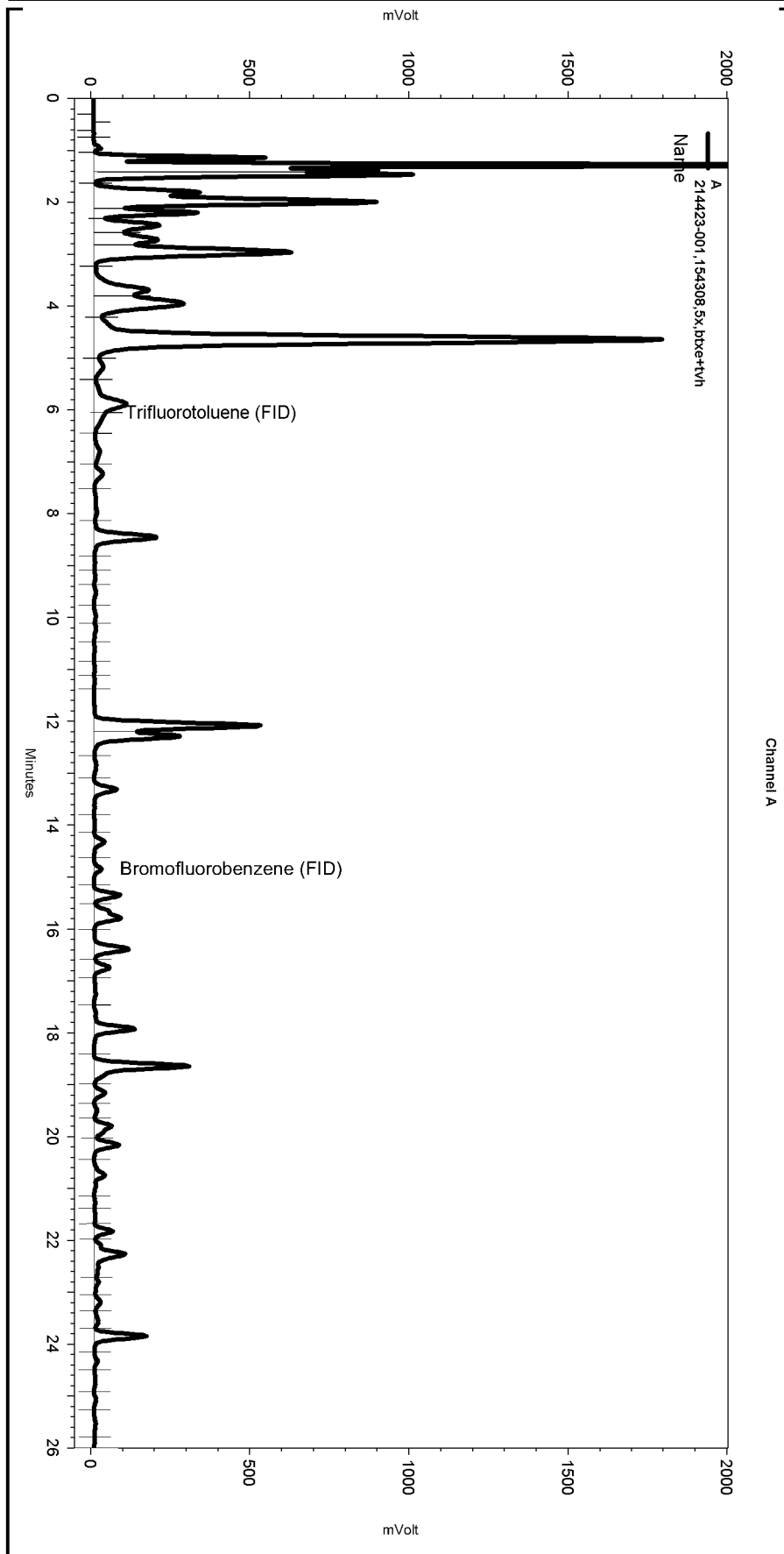
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Benzene	20.00	21.65	108	79-120	20	20
Toluene	20.00	22.88	114	76-122	16	21
Ethylbenzene	20.00	23.50	117	77-125	18	21
m,p-Xylenes	20.00	21.74	109	76-126	12	23
o-Xylene	20.00	22.65	113	77-126	13	21

Surrogate	%REC	Limits
Trifluorotoluene (PID)	102	50-140
Bromofluorobenzene (PID)	104	56-132

RPD= Relative Percent Difference

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC19\Sequence\239.seq
 Sample Name: 214423-001,154308,5x,btxe+tvh
 Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\239_020
 Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe188.met

Software Version 3.1.7
 Run Date: 8/27/2009 11:42:26 PM
 Analysis Date: 8/28/2009 11:35:51 AM
 Sample Amount: 5 Multiplier: 5
 Vial & pH or Core ID: c1.3



---< General Method Parameters >---

No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

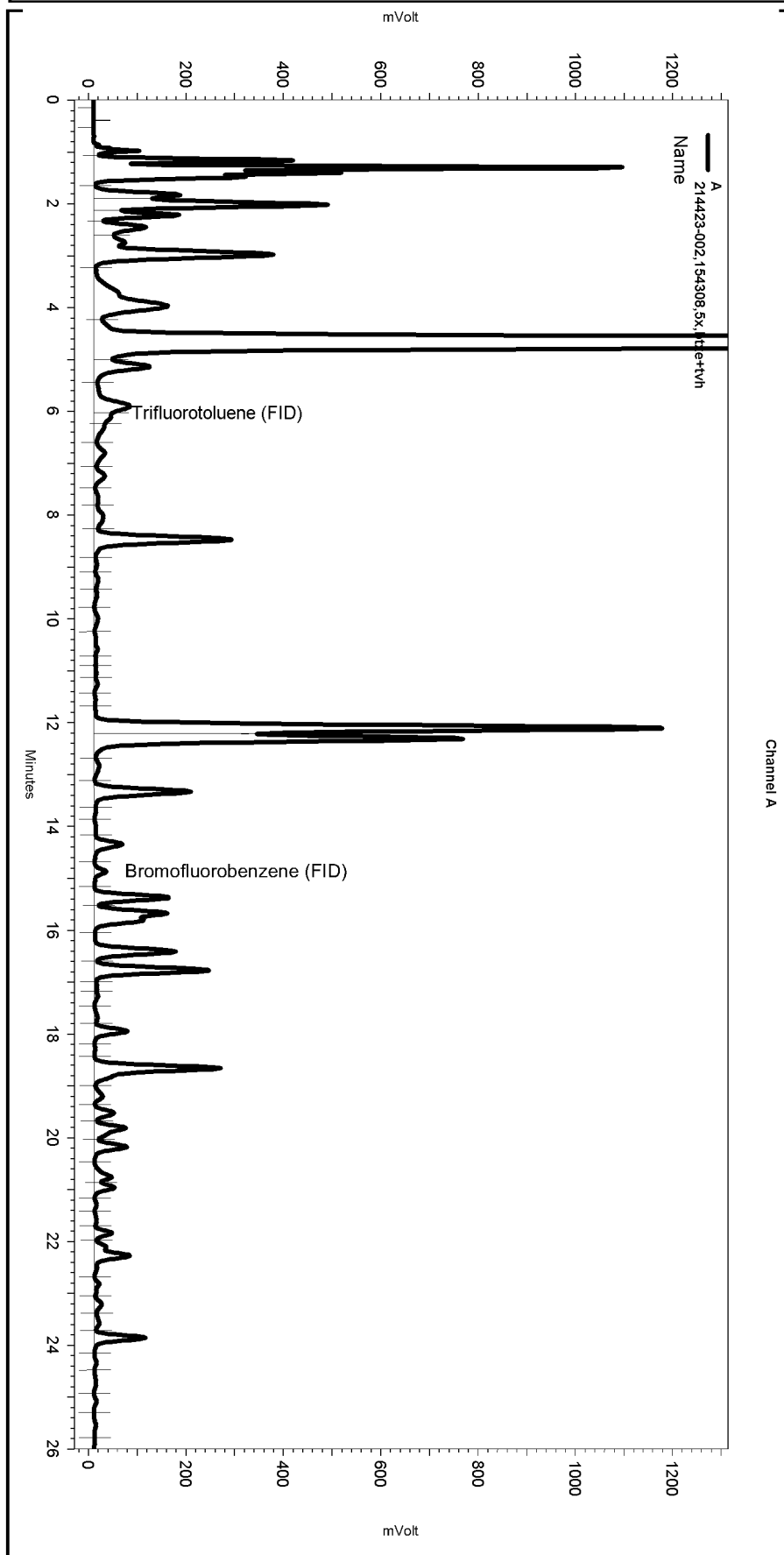
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\239_020

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	6.05	0	0

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC19\Sequence\239.seq
 Sample Name: 214423-002,154308,5x,btxe+tvh
 Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\239_021
 Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe188.met

Software Version 3.1.7
 Run Date: 8/28/2009 12:20:01 AM
 Analysis Date: 8/28/2009 11:44:40 AM
 Sample Amount: 5 Multiplier: 5
 Vial & pH or Core ID: c1.3



---< General Method Parameters >---

No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

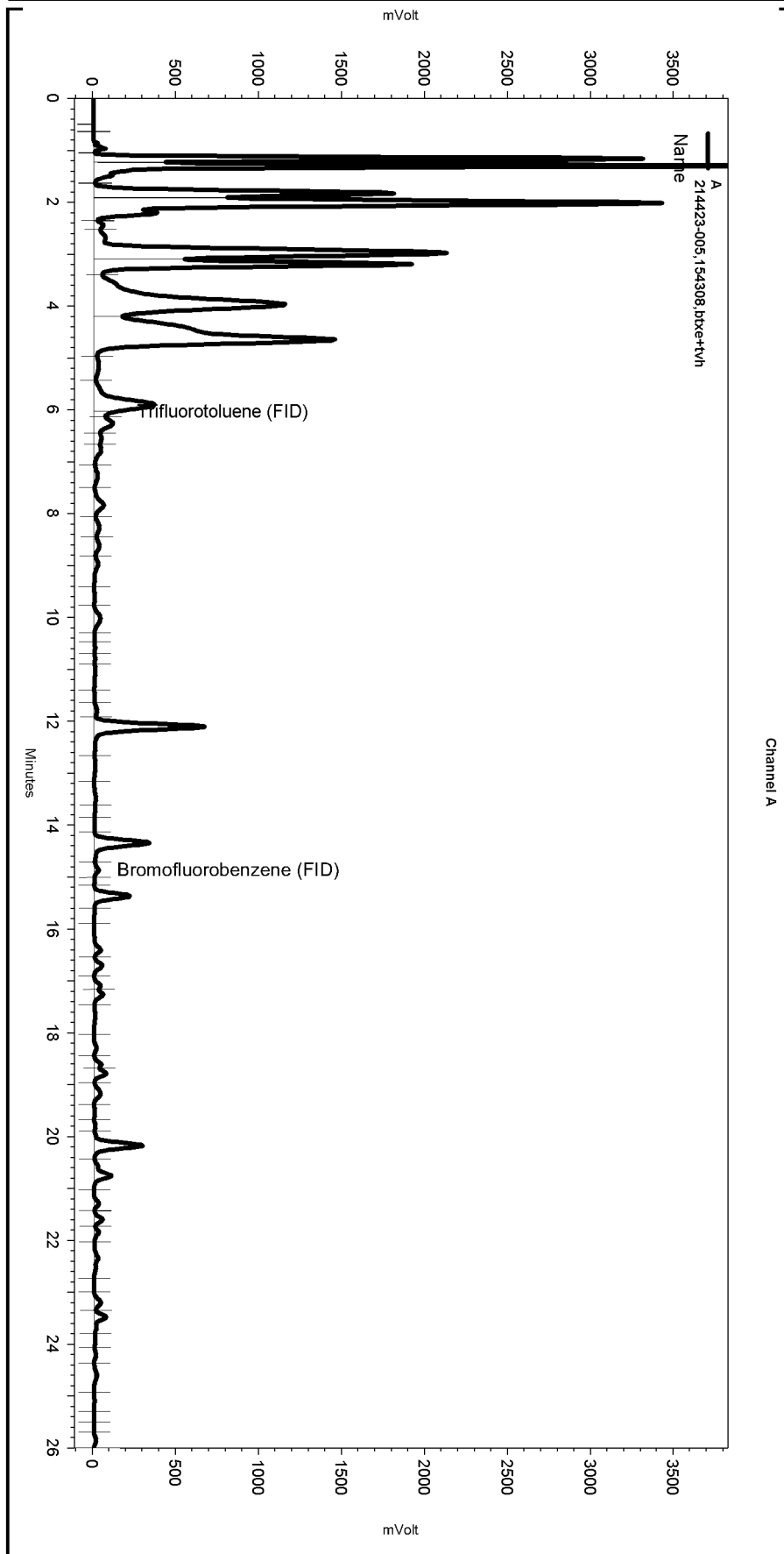
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\239_021

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	6.039	0	0
Yes	Split Peak	6.232	0	0

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC19\Sequence\239.seq
 Sample Name: 214423-005,154308,btpe+tvh
 Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\239_010
 Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtpe188.met

Software Version 3.1.7
 Run Date: 8/27/2009 5:26:18 PM
 Analysis Date: 8/28/2009 11:23:07 AM
 Sample Amount: 5 Multiplier: 5
 Vial & pH or Core ID: c1.0



---< General Method Parameters >---

No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

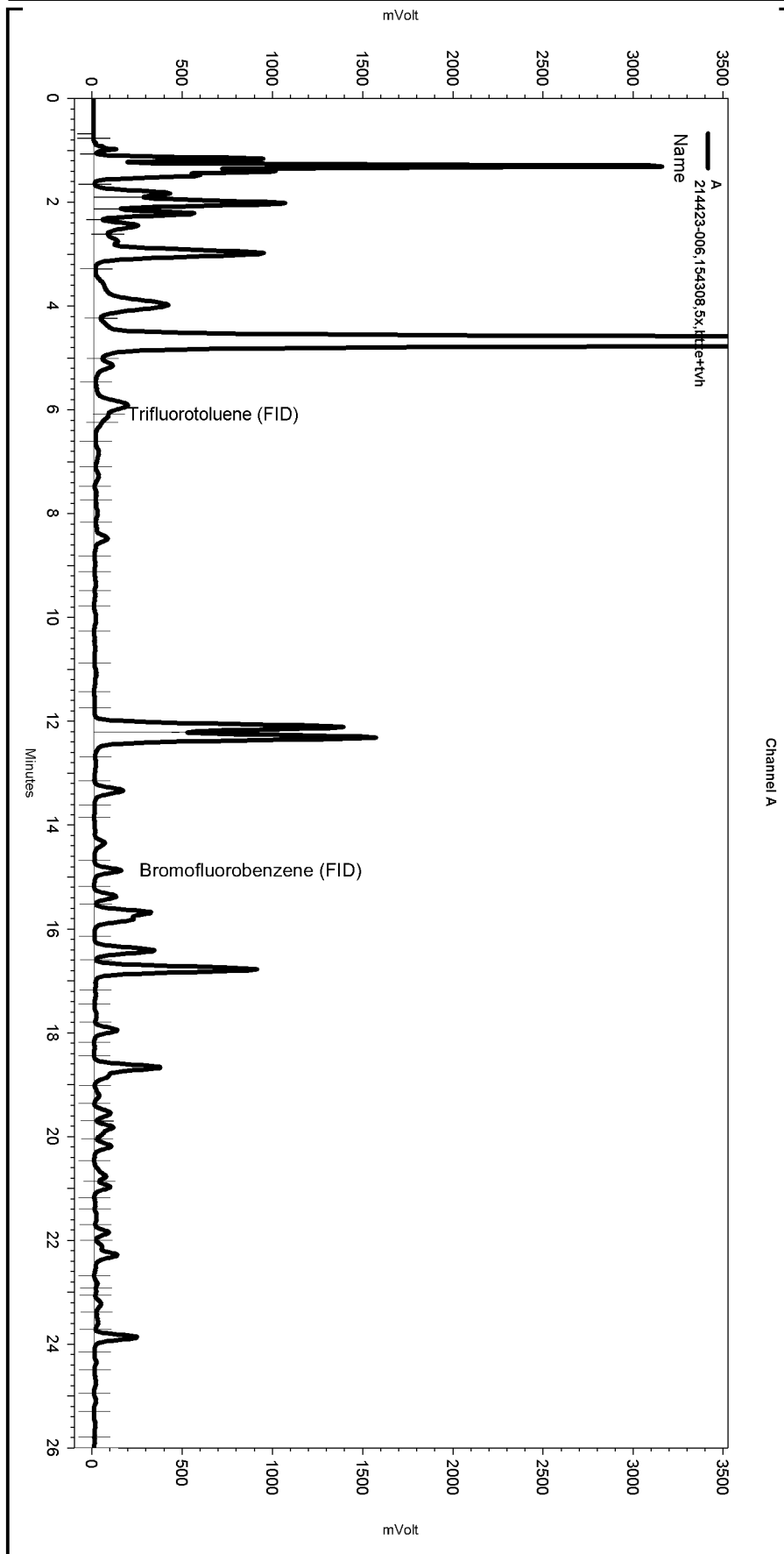
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\239_010

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	6.025	0	0
Yes	Split Peak	15.01	0	0

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC19\Sequence\239.seq
 Sample Name: 214423-006,154308,5x,btXe+tvh
 Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\239_023
 Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\TvhbtXe188.met

Software Version 3.1.7
 Run Date: 8/28/2009 1:35:11 AM
 Analysis Date: 8/28/2009 11:47:12 AM
 Sample Amount: 5 Multiplier: 5
 Vial & pH or Core ID: c1.6



---< General Method Parameters >---

No items selected for this section

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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

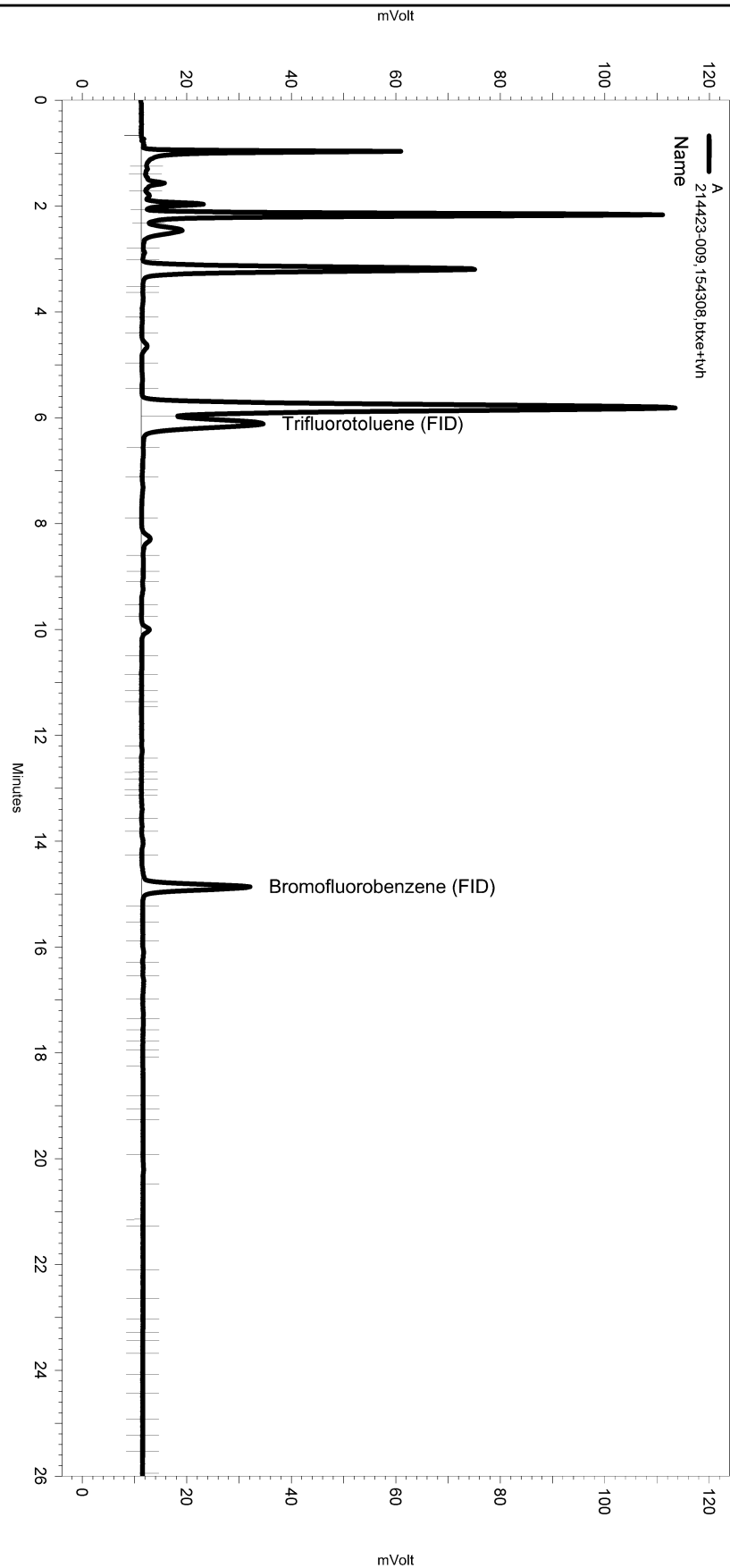
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\239_023

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	6.086	0	0
Yes	Split Peak	6.242	0	0

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC19\Sequence\239.seq
 Sample Name: 214423-009,154308,btxe+tvh
 Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\239_018
 Instrument: GC19 Vial: N/A Operator: lims2k3\tvh3
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe188.met

Software Version 3.1.7
 Run Date: 8/27/2009 10:27:06 PM
 Analysis Date: 8/27/2009 10:56:12 PM
 Sample Amount: 5 Multiplier: 5
 Vial & pH or Core ID: c1.0



---< General Method Parameters >-----

No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

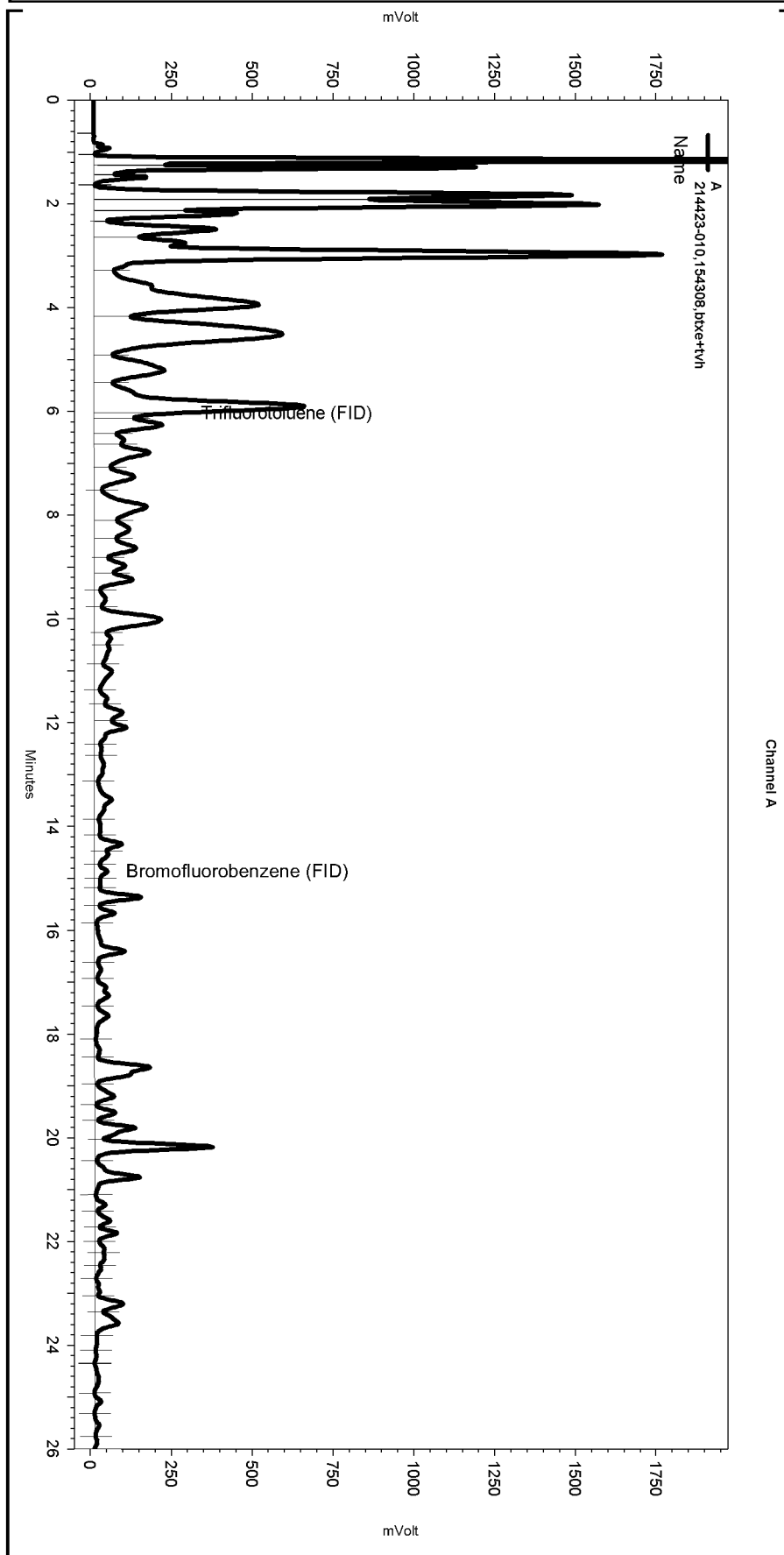
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Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
None				

Channel A

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC19\Sequence\239.seq
 Sample Name: 214423-010,154308,btxe+tvh
 Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\239_019
 Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe188.met

Software Version 3.1.7
 Run Date: 8/27/2009 11:04:46 PM
 Analysis Date: 8/28/2009 11:30:33 AM
 Sample Amount: 5 Multiplier: 5
 Vial & pH or Core ID: c1.0



---< General Method Parameters >---

No items selected for this section

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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

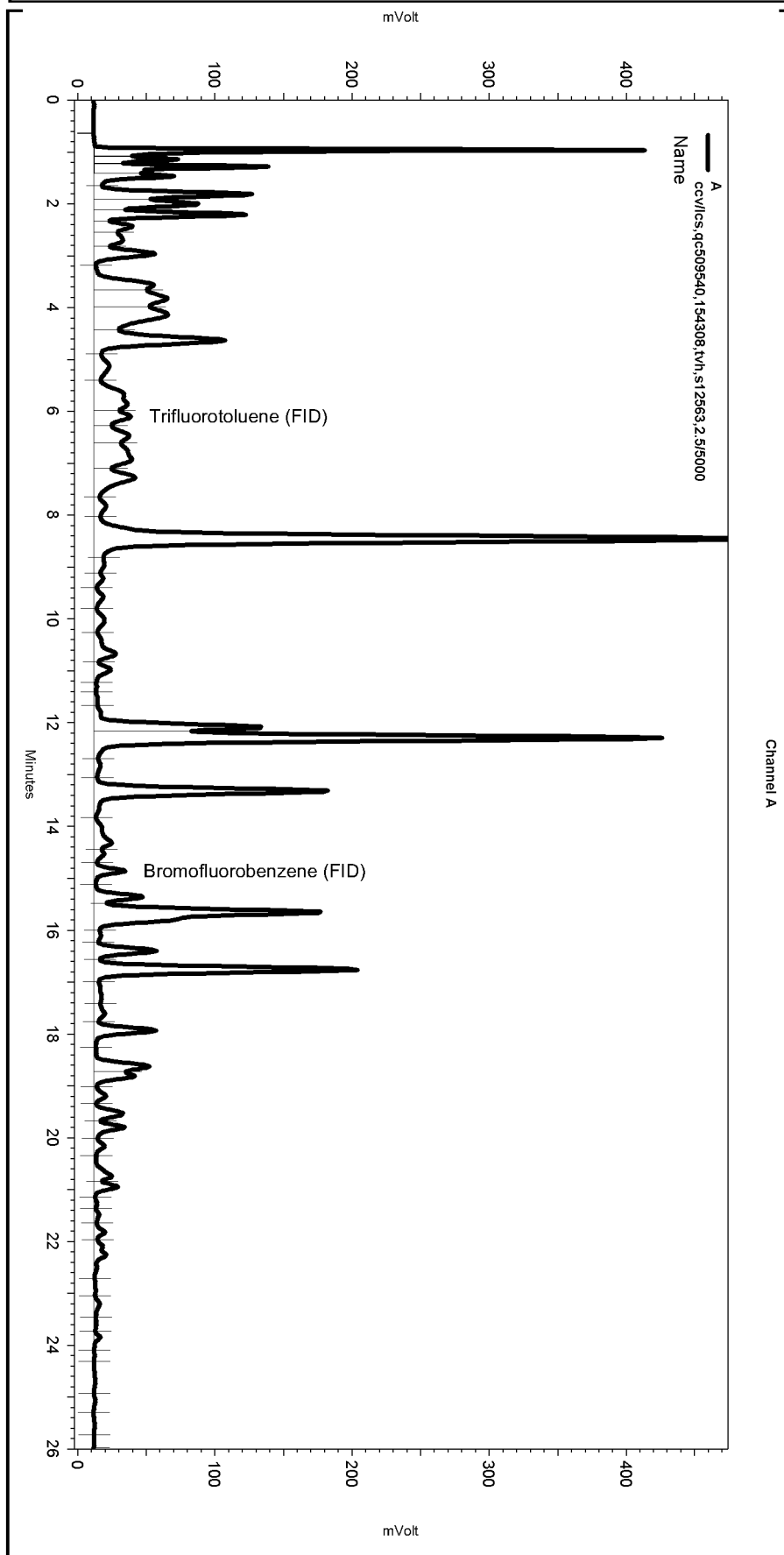
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\239_019

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	6.034	0	0
Yes	Split Peak	15.004	0	0

Sequence File: \\Lims\gdrive\ezchrom\Projects\GC19\Sequence\239.seq
 Sample Name: ccv/lcs,qc509540,154308,tvh,s12563,2,5/5000
 Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\239_004
 Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
 Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe188.met

Software Version 3.1.7
 Run Date: 8/27/2009 11:20:10 AM
 Analysis Date: 8/28/2009 11:11:45 AM
 Sample Amount: 5 Multiplier: 5
 Vial & pH or Core ID: {Data Description}



---< General Method Parameters >---

No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\239_004

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
None				

Purgeable Halocarbons by GC/MS

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-01	Batch#:	154243
Lab ID:	214423-001	Sampled:	08/25/09
Matrix:	Water	Received:	08/25/09
Units:	ug/L	Analyzed:	08/26/09
Diln Fac:	2.500		

Analyte	Result	RL
Chloromethane	ND	2.5
Vinyl Chloride	ND	1.3
Bromomethane	ND	2.5
Chloroethane	ND	2.5
Trichlorofluoromethane	ND	2.5
Freon 113	ND	5.0
1,1-Dichloroethene	ND	1.3
Methylene Chloride	ND	50
trans-1,2-Dichloroethene	ND	1.3
1,1-Dichloroethane	ND	1.3
cis-1,2-Dichloroethene	ND	1.3
Chloroform	ND	2.5
1,1,1-Trichloroethane	ND	1.3
Carbon Tetrachloride	ND	1.3
1,2-Dichloroethane	ND	1.3
Trichloroethene	ND	1.3
1,2-Dichloropropane	ND	1.3
Bromodichloromethane	ND	1.3
cis-1,3-Dichloropropene	ND	1.3
trans-1,3-Dichloropropene	ND	1.3
1,1,2-Trichloroethane	ND	1.3
Tetrachloroethene	ND	1.3
Dibromochloromethane	ND	1.3
Chlorobenzene	ND	1.3
Bromoform	ND	1.3
1,1,2,2-Tetrachloroethane	ND	1.3
1,3-Dichlorobenzene	ND	1.3
1,4-Dichlorobenzene	ND	1.3
1,2-Dichlorobenzene	ND	1.3

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	90	77-137
Toluene-d8	102	80-120
Bromofluorobenzene	94	80-125

ND= Not Detected
 RL= Reporting Limit

Purgeable Halocarbons by GC/MS

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-02	Batch#:	154343
Lab ID:	214423-002	Sampled:	08/25/09
Matrix:	Water	Received:	08/25/09
Units:	ug/L	Analyzed:	08/28/09
Diln Fac:	50.00		

Analyte	Result	RL
Chloromethane	ND	50
Vinyl Chloride	ND	25
Bromomethane	ND	50
Chloroethane	ND	50
Trichlorofluoromethane	ND	50
Freon 113	ND	100
1,1-Dichloroethene	ND	25
Methylene Chloride	ND	1,000
trans-1,2-Dichloroethene	ND	25
1,1-Dichloroethane	ND	25
cis-1,2-Dichloroethene	ND	25
Chloroform	ND	50
1,1,1-Trichloroethane	ND	25
Carbon Tetrachloride	ND	25
1,2-Dichloroethane	ND	25
Trichloroethene	ND	25
1,2-Dichloropropane	ND	25
Bromodichloromethane	ND	25
cis-1,3-Dichloropropene	ND	25
trans-1,3-Dichloropropene	ND	25
1,1,2-Trichloroethane	ND	25
Tetrachloroethene	ND	25
Dibromochloromethane	ND	25
Chlorobenzene	ND	25
Bromoform	ND	25
1,1,2,2-Tetrachloroethane	ND	25
1,3-Dichlorobenzene	ND	25
1,4-Dichlorobenzene	ND	25
1,2-Dichlorobenzene	ND	25

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	95	77-137
Toluene-d8	92	80-120
Bromofluorobenzene	102	80-125

ND= Not Detected
 RL= Reporting Limit

Purgeable Halocarbons by GC/MS

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-06	Batch#:	154243
Lab ID:	214423-003	Sampled:	08/25/09
Matrix:	Water	Received:	08/25/09
Units:	ug/L	Analyzed:	08/26/09
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	119	77-137
Toluene-d8	105	80-120
Bromofluorobenzene	103	80-125

ND= Not Detected
 RL= Reporting Limit

Purgeable Halocarbons by GC/MS

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-07	Batch#:	154243
Lab ID:	214423-004	Sampled:	08/25/09
Matrix:	Water	Received:	08/25/09
Units:	ug/L	Analyzed:	08/26/09
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	119	77-137
Toluene-d8	101	80-120
Bromofluorobenzene	110	80-125

ND= Not Detected
 RL= Reporting Limit

Purgeable Halocarbons by GC/MS

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-08	Batch#:	154243
Lab ID:	214423-005	Sampled:	08/25/09
Matrix:	Water	Received:	08/25/09
Units:	ug/L	Analyzed:	08/26/09
Diln Fac:	14.29		

Analyte	Result	RL
Chloromethane	ND	14
Vinyl Chloride	91	7.1
Bromomethane	ND	14
Chloroethane	ND	14
Trichlorofluoromethane	ND	14
Freon 113	ND	29
1,1-Dichloroethene	ND	7.1
Methylene Chloride	ND	290
trans-1,2-Dichloroethene	30	7.1
1,1-Dichloroethane	ND	7.1
cis-1,2-Dichloroethene	840	7.1
Chloroform	ND	14
1,1,1-Trichloroethane	ND	7.1
Carbon Tetrachloride	ND	7.1
1,2-Dichloroethane	ND	7.1
Trichloroethene	ND	7.1
1,2-Dichloropropane	ND	7.1
Bromodichloromethane	ND	7.1
cis-1,3-Dichloropropene	ND	7.1
trans-1,3-Dichloropropene	ND	7.1
1,1,2-Trichloroethane	ND	7.1
Tetrachloroethene	ND	7.1
Dibromochloromethane	ND	7.1
Chlorobenzene	ND	7.1
Bromoform	ND	7.1
1,1,2,2-Tetrachloroethane	ND	7.1
1,3-Dichlorobenzene	ND	7.1
1,4-Dichlorobenzene	ND	7.1
1,2-Dichlorobenzene	ND	7.1

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	83	77-137
Toluene-d8	97	80-120
Bromofluorobenzene	92	80-125

ND= Not Detected
 RL= Reporting Limit

Purgeable Halocarbons by GC/MS

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-09	Batch#:	154343
Lab ID:	214423-006	Sampled:	08/25/09
Matrix:	Water	Received:	08/25/09
Units:	ug/L	Analyzed:	08/28/09
Diln Fac:	20.00		

Analyte	Result	RL
Chloromethane	ND	20
Vinyl Chloride	ND	10
Bromomethane	ND	20
Chloroethane	ND	20
Trichlorofluoromethane	ND	20
Freon 113	ND	40
1,1-Dichloroethene	ND	10
Methylene Chloride	ND	400
trans-1,2-Dichloroethene	ND	10
1,1-Dichloroethane	ND	10
cis-1,2-Dichloroethene	ND	10
Chloroform	ND	20
1,1,1-Trichloroethane	ND	10
Carbon Tetrachloride	ND	10
1,2-Dichloroethane	ND	10
Trichloroethene	ND	10
1,2-Dichloropropane	ND	10
Bromodichloromethane	ND	10
cis-1,3-Dichloropropene	ND	10
trans-1,3-Dichloropropene	ND	10
1,1,2-Trichloroethane	ND	10
Tetrachloroethene	ND	10
Dibromochloromethane	ND	10
Chlorobenzene	ND	10
Bromoform	ND	10
1,1,2,2-Tetrachloroethane	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
1,2-Dichlorobenzene	ND	10

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	93	77-137
Toluene-d8	91	80-120
Bromofluorobenzene	97	80-125

ND= Not Detected
 RL= Reporting Limit

Purgeable Halocarbons by GC/MS

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-10	Batch#:	154439
Lab ID:	214423-007	Sampled:	08/25/09
Matrix:	Water	Received:	08/25/09
Units:	ug/L	Analyzed:	09/01/09
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	101	77-137
Toluene-d8	101	80-120
Bromofluorobenzene	102	80-125

ND= Not Detected
 RL= Reporting Limit

Purgeable Halocarbons by GC/MS

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-11	Batch#:	154439
Lab ID:	214423-008	Sampled:	08/25/09
Matrix:	Water	Received:	08/25/09
Units:	ug/L	Analyzed:	09/01/09
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	101	77-137
Toluene-d8	101	80-120
Bromofluorobenzene	106	80-125

ND= Not Detected
 RL= Reporting Limit

Purgeable Halocarbons by GC/MS

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-12	Units:	ug/L
Lab ID:	214423-009	Sampled:	08/25/09
Matrix:	Water	Received:	08/25/09

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Chloromethane	ND	1.0	1.000	154343	08/28/09
Vinyl Chloride	ND	0.5	1.000	154343	08/28/09
Bromomethane	ND	1.0	1.000	154343	08/28/09
Chloroethane	ND	1.0	1.000	154343	08/28/09
Trichlorofluoromethane	ND	1.0	1.000	154343	08/28/09
Freon 113	ND	2.0	1.000	154343	08/28/09
1,1-Dichloroethene	ND	0.5	1.000	154343	08/28/09
Methylene Chloride	ND	20	1.000	154343	08/28/09
trans-1,2-Dichloroethene	35	0.5	1.000	154343	08/28/09
1,1-Dichloroethane	ND	0.5	1.000	154343	08/28/09
cis-1,2-Dichloroethene	36	0.5	1.000	154343	08/28/09
Chloroform	ND	1.0	1.000	154343	08/28/09
1,1,1-Trichloroethane	ND	0.5	1.000	154343	08/28/09
Carbon Tetrachloride	ND	0.5	1.000	154343	08/28/09
1,2-Dichloroethane	ND	0.5	1.000	154343	08/28/09
Trichloroethene	93	1.0	2.000	154243	08/26/09
1,2-Dichloropropane	ND	0.5	1.000	154343	08/28/09
Bromodichloromethane	ND	0.5	1.000	154343	08/28/09
cis-1,3-Dichloropropene	ND	0.5	1.000	154343	08/28/09
trans-1,3-Dichloropropene	ND	0.5	1.000	154343	08/28/09
1,1,2-Trichloroethane	ND	0.5	1.000	154343	08/28/09
Tetrachloroethene	ND	0.5	1.000	154343	08/28/09
Dibromochloromethane	ND	0.5	1.000	154343	08/28/09
Chlorobenzene	ND	0.5	1.000	154343	08/28/09
Bromoform	ND	0.5	1.000	154343	08/28/09
1,1,2,2-Tetrachloroethane	ND	0.5	1.000	154343	08/28/09
1,3-Dichlorobenzene	ND	0.5	1.000	154343	08/28/09
1,4-Dichlorobenzene	ND	0.5	1.000	154343	08/28/09
1,2-Dichlorobenzene	ND	0.5	1.000	154343	08/28/09

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
1,2-Dichloroethane-d4	93	77-137	1.000	154343	08/28/09
Toluene-d8	93	80-120	1.000	154343	08/28/09
Bromofluorobenzene	98	80-125	1.000	154343	08/28/09

ND= Not Detected
 RL= Reporting Limit

Purgeable Halocarbons by GC/MS

Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-13	Batch#:	154243
Lab ID:	214423-010	Sampled:	08/25/09
Matrix:	Water	Received:	08/25/09
Units:	ug/L	Analyzed:	08/26/09
Diln Fac:	2.000		

Analyte	Result	RL
Chloromethane	ND	2.0
Vinyl Chloride	3.0	1.0
Bromomethane	ND	2.0
Chloroethane	ND	2.0
Trichlorofluoromethane	ND	2.0
Freon 113	ND	4.0
1,1-Dichloroethene	ND	1.0
Methylene Chloride	ND	40
trans-1,2-Dichloroethene	51	1.0
1,1-Dichloroethane	ND	1.0
cis-1,2-Dichloroethene	29	1.0
Chloroform	ND	2.0
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
1,2-Dichloroethane	ND	1.0
Trichloroethene	11	1.0
1,2-Dichloropropane	ND	1.0
Bromodichloromethane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Tetrachloroethene	ND	1.0
Dibromochloromethane	ND	1.0
Chlorobenzene	ND	1.0
Bromoform	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	109	77-137
Toluene-d8	101	80-120
Bromofluorobenzene	105	80-125

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Purgeable Halocarbons by GC/MS			
Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC509271	Batch#:	154243
Matrix:	Water	Analyzed:	08/26/09
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	103	77-137
Toluene-d8	105	80-120
Bromofluorobenzene	105	80-125

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Halocarbons by GC/MS			
Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	154243
Units:	ug/L	Analyzed:	08/26/09
Diln Fac:	1.000		

Type: BS Lab ID: QC509272

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	27.52	110	74-132
Trichloroethene	25.00	27.31	109	80-120
Chlorobenzene	25.00	26.91	108	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	107	77-137
Toluene-d8	102	80-120
Bromofluorobenzene	98	80-125

Type: BSD Lab ID: QC509273

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	26.09	104	74-132	5	20
Trichloroethene	25.00	25.70	103	80-120	6	20
Chlorobenzene	25.00	25.81	103	80-120	4	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	106	77-137
Toluene-d8	99	80-120
Bromofluorobenzene	93	80-125

RPD= Relative Percent Difference

Batch QC Report

Purgeable Halocarbons by GC/MS			
Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC509683	Batch#:	154343
Matrix:	Water	Analyzed:	08/28/09
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	96	77-137
Toluene-d8	99	80-120
Bromofluorobenzene	103	80-125

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Halocarbons by GC/MS			
Lab #:	214423	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC510087	Batch#:	154439
Matrix:	Water	Analyzed:	09/01/09
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	98	77-137
Toluene-d8	100	80-120
Bromofluorobenzene	101	80-125

ND= Not Detected

RL= Reporting Limit