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January 22, 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: Fourth Quarter 2008 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 Fourth Quarter 2008 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,

Alyssa C. Abegg  
Environmental Consultant  
Environmental Services

TGB/aca

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



cc: Bob Pender, AIG Technical Services  
Donna Proffitt, Bank of America  
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# ***Fourth Quarter 2008*** ***Groundwater Monitoring Report***

Former Lemoine Sausage Factory  
630 29<sup>th</sup> Avenue  
Oakland, California

January 22, 2009  
33104-004578.00

Prepared for:  
**AIG Technical Services, Inc.**  
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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 Fourth Quarter 2008 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 is being performed at the Site on a quarterly basis in accordance with an Alameda County Environmental Health (ACEH) directive dated June 19, 1999. Groundwater monitoring has been required due to a past release from an underground gasoline underground storage tank (UST).

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 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 7<sup>th</sup> 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 December 2, 2008, 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, approximately three (3) 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. In addition, Wells MW-9 and MW-10 were purged dry during the purging events. Wells MW-6 through MW-13 were purged by hand bailing with new 1-liter plastic disposable bailers.

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 Fourth Quarter 2008 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 Third Quarter 2008 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 6.17 and 11.13 feet below the tops of well casings. Groundwater elevations ranged between 6.66 and 10.70 feet above mean sea level. Groundwater flow is to the 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 Fourth Quarter 2008 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 65 and 20,000 micrograms per liter ( $\mu\text{g/L}$ ).
- Benzene was detected in Wells MW-1, MW-2, MW-8, MW-9, MW-12, and MW-13 at concentrations ranging between 0.53 and 8,400  $\mu\text{g/L}$ . This is the first detection of benzene in Well MW-10 since First Quarter 2002 monitoring event.
- Toluene was detected in Wells MW-1, MW-2, MW-8 and MW-9 at concentrations ranging between 1.5 and 220  $\mu\text{g/L}$ .
- Ethylbenzene was detected in Wells MW-1, MW-2, MW-8, MW-9, and MW-13 at concentrations ranging between 27 and 1,000  $\mu\text{g/L}$ .
- Total xylenes were detected in Wells MW-1, MW-2, MW-8, MW-9, and MW-13 at concentrations ranging between 2.8 and 610  $\mu\text{g/L}$ .
- Trichloroethene (TCE) was detected in Wells MW-12 and MW-13 at concentrations of 98 and 16  $\mu\text{g/L}$ , respectively.
- 1,2-Dichloroethane (1,2-DCA) was detected in Well MW-6 for the first time since Second Quarter 2004 Monitoring Event at a concentration of 0.6  $\mu\text{g/L}$ .
- Cis-1,2-dichloroethene (cis-1,2-DCE) was detected in Wells MW-8, MW-9, MW-12, and MW-13 at concentrations ranging between 12 and 830  $\mu\text{g/L}$ .
- Trans-1,2-dichloroethene (trans-1,2-DCE) was detected in Wells MW-8, MW-12, and MW-13 at concentrations of 43, 58, and 63  $\mu\text{g/L}$ , respectively.
- Vinyl chloride (VC) was detected in Wells MW-8 and MW-13 at concentrations of 200 and 5.8  $\mu\text{g/L}$ , 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 Fourth Quarter 2008 are presented on Figures 3 and 4, respectively. TCE and cis-1,2-DCE concentrations detected in groundwater during Fourth Quarter 2008 are presented on Figure 5.

## 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 all wells in which it was detected during this monitoring event. Benzene concentrations increased in Wells MW-1, MW-10, and MW-13 and decreased in Wells MW-2, MW-8, MW-9, 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 concentrations detected in the outermost monitoring wells encompassing the Site.

VOC concentrations detected in Wells MW-8, MW-12, and MW-13 generally decreased in comparison to those concentrations detected during the previous event. The source of the VOCs in groundwater is unknown and appears to originate from an offsite area. 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. No additional investigation of the TPH- and VOC-impacted groundwater is recommended at this time.

Report prepared by: \_\_\_\_\_

Alyssa C. Abegg  
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Report reviewed by: \_\_\_\_\_

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

January 22, 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	
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



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 OAKLAND, CALIFORNIA

Well Identification	Date Measured	Top of Casing Elevation (ft,msl)	Depth to Water (feet)	Groundwater Elevation (ft,msl)
MW-2	4/6/2004	20.79	9.40	11.39
	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	
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



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Well Identification	Date Measured	Top of Casing Elevation (ft,msl)	Depth to Water (feet)	Groundwater Elevation (ft,msl)
MW-6	12/3/2001	16.60	4.72	11.88
	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
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	



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	6/15/2006	15.47	5.71	9.76
	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
MW-8	6/15/2000	17.58	7.14	10.44
	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	
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	



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	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	
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	
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	



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-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
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
	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	



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	9/9/2008	14.05	6.84	7.21
	12/2/2008	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	

**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	
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	
12/16/2004	Not Sampled										
3/22/2005	42,000	9,900	1,200	1,200	2,530	<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	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		
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	
	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	< 0.5	0.7	< 0.5	< 0.5		
12/16/2003	<50	< 0.5	< 0.5	< 0.5	< 0.5	0.88	1.7	< 0.5	0.6	< 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	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		
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	< 0.5
	12/2/2005	<50	< 0.5	< 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	< 0.5
6/15/2006	<50	< 0.5	< 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	< 0.5	
1/11/2007	<50	< 0.5	< 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	<0.5	
9/17/2007	<50	<0.5	<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	< 0.5	
3/11/2008	<50	2.6	<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	< 0.5	
9/9/2008	<50	<0.5	<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	<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	

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-8	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	4.9	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	
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
	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	



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-9	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
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	
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
	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	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										



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	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
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	
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
	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	



**TABLE 2**  
**HISTORICAL GROUNDWATER ANALYTICAL RESULTS**  
**FORMER LEMOINE SAUSAGE FACTORY**  
**630 29TH AVENUE**  
**OAKLAND, CALIFORNIA**

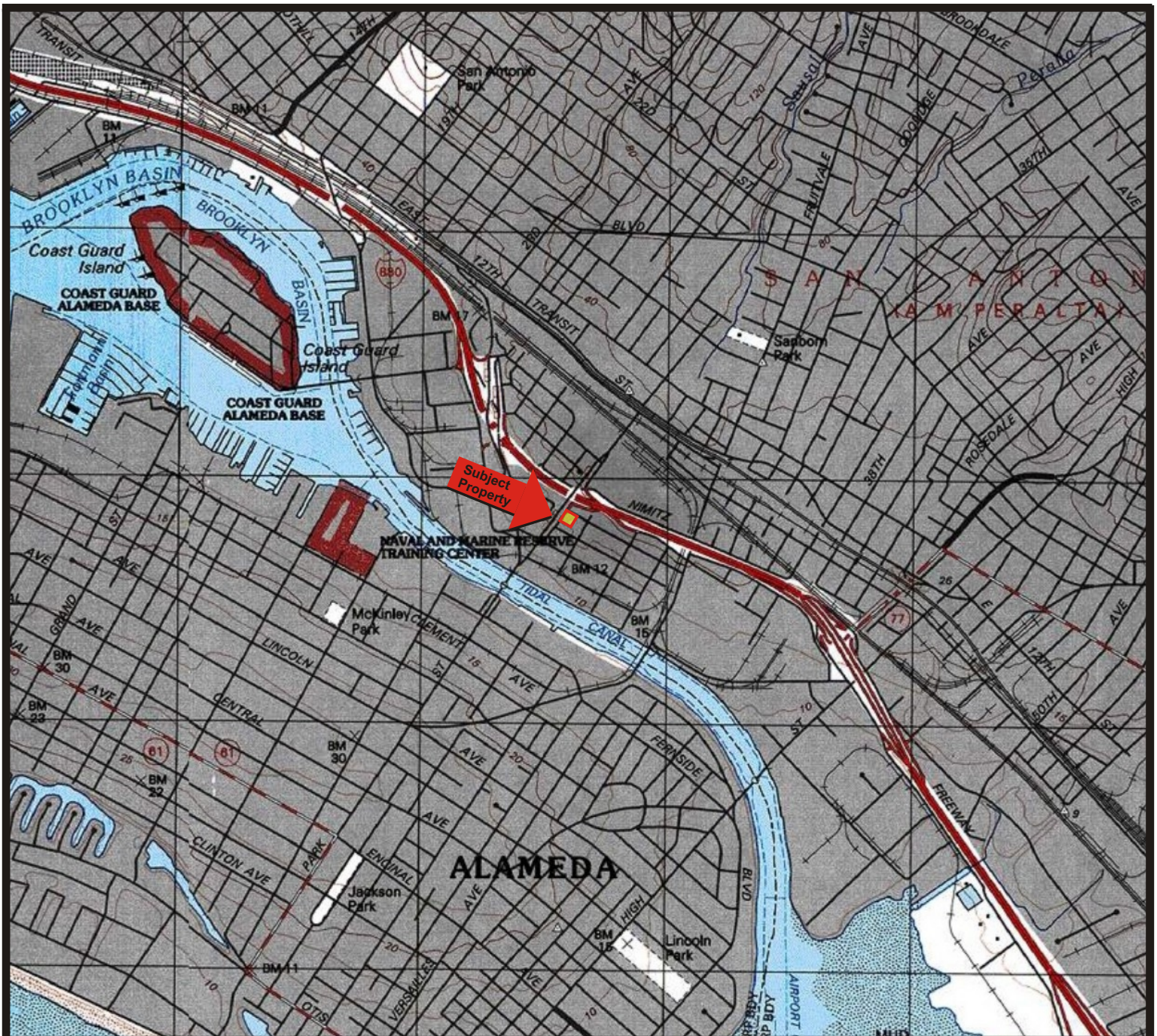
Well Location	Date Sampled	TPH-g (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	TCE (ug/L)	1,2-DCA (ug/L)	cis-1,2-DCE (ug/L)	trans-1,2-DCE (ug/L)	VC (ug/L)
MW-13	9/9/2008	4,300	29 C	<0.5	41	9.5 C	17	<0.5	52	<0.5	6.5
	12/2/2008	3,200	55 C	<0.5	27	13.2	16	<0.5	51	63	5.8
<b>CDPH MCL</b>		-	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.

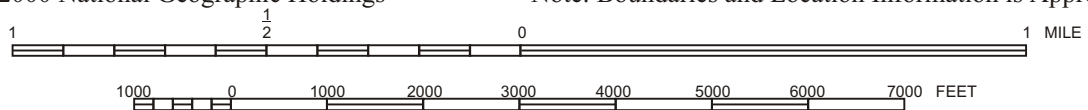


## FIGURES



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

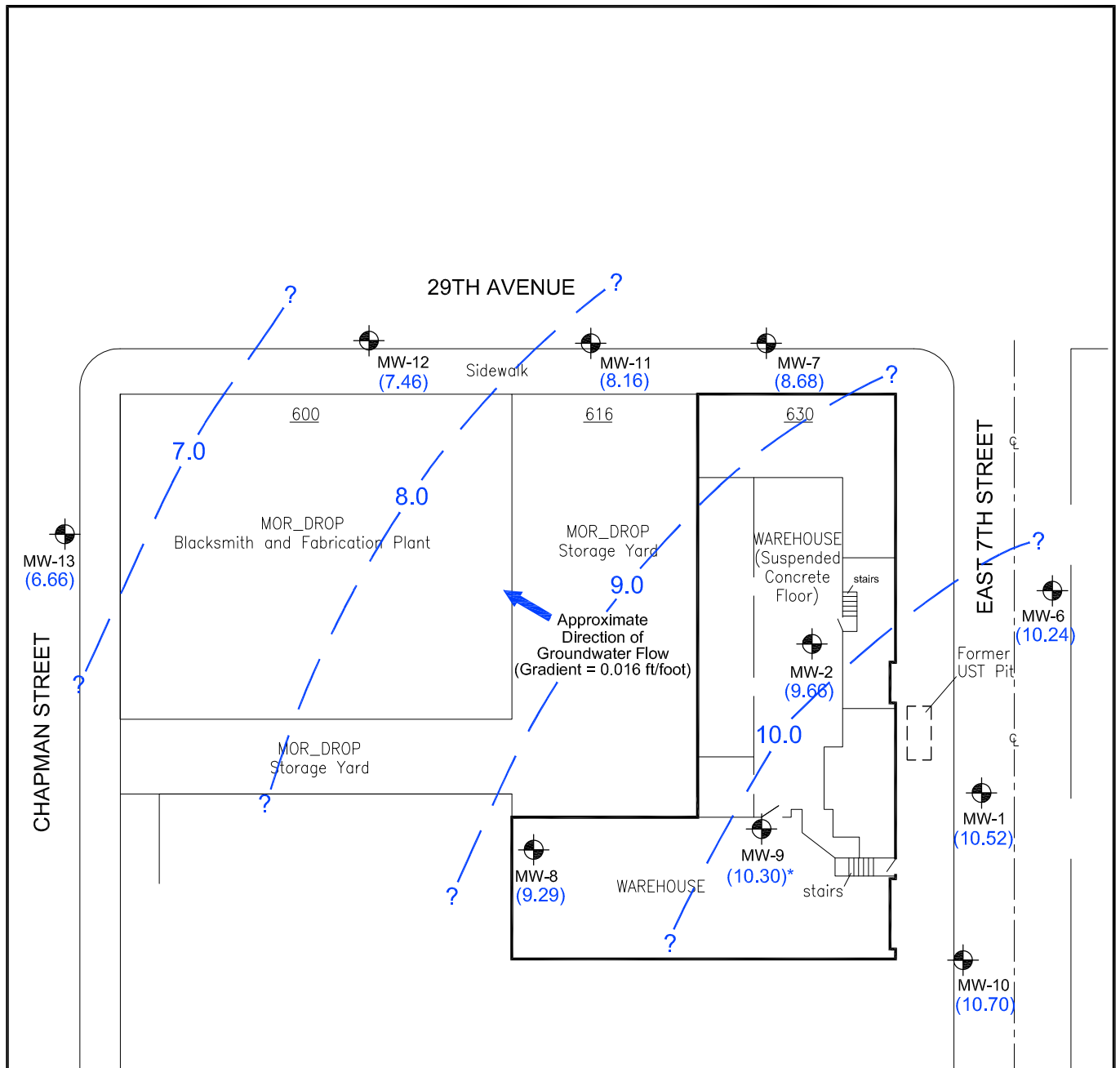
FIGURE

1




**BUREAU  
 VERITAS**





**LEGEND:**

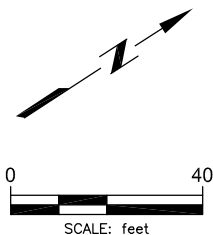
MW-1  Existing Monitoring Well Location

(10.52) Groundwater Elevation (ft msl), 12/02/08

10-  Groundwater Surface Elevation Contour (ft msl)

ft msl Feet Above Mean Sea Level

\* MW-9 data not used in contouring



**GROUNDWATER ELEVATION MAP,  
4th QUARTER 2008**

FORMER LEMOINE SAUSAGE FACTORY  
630 29TH AVENUE  
OAKLAND, CALIFORNIA  
Project No. 33104-004578.00

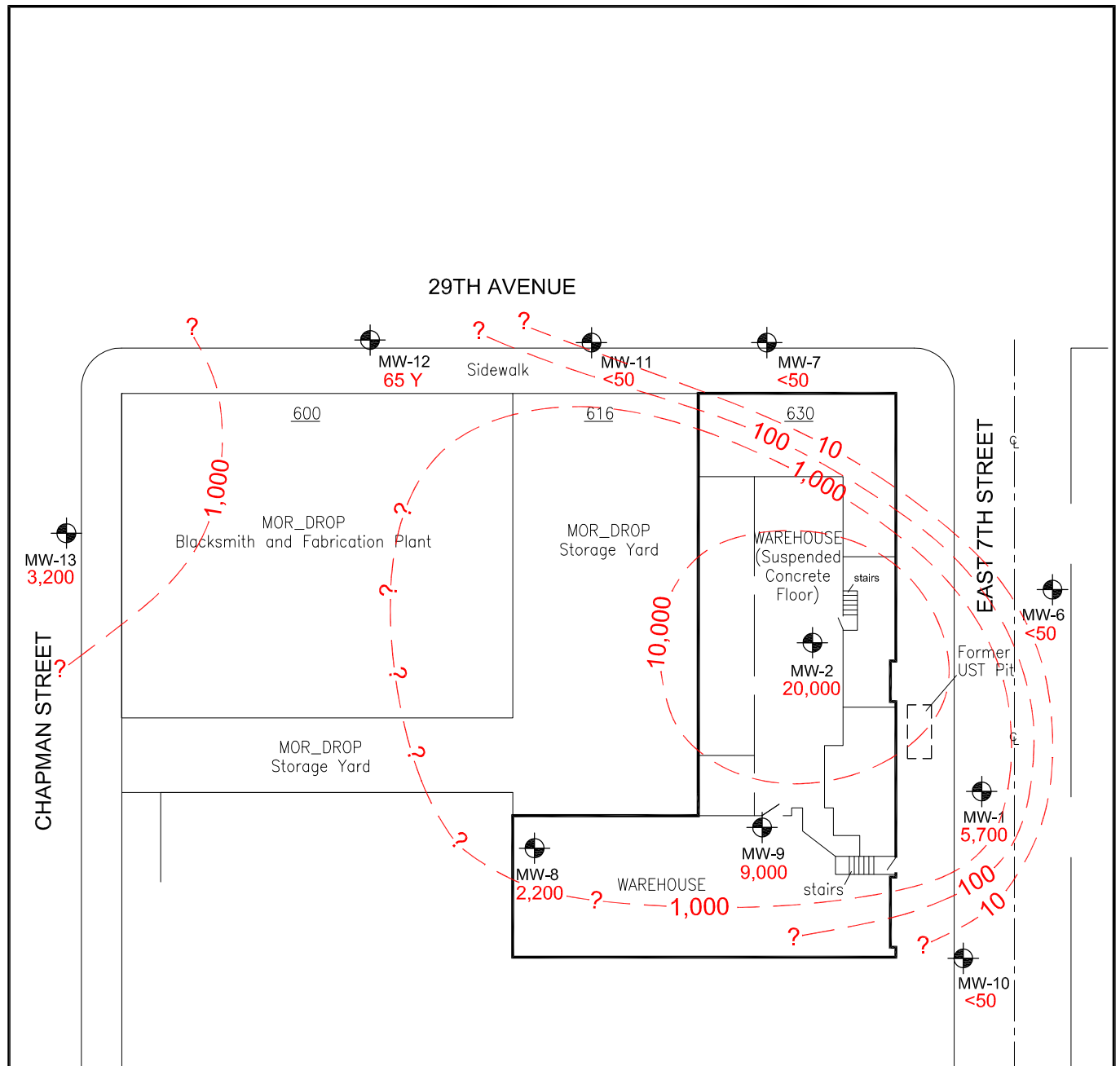
Figure

**2**

01/03/09  
SITE1208.DWG




**BUREAU  
VERITAS**



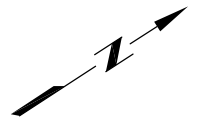
**LEGEND:**

MW-1  Existing Monitoring Well Location

20,000 TPH-g Concentration (ug/L), 12/02/08

100  TPH-g Isoconcentration Contour (ug/L)

TPH-g Total Petroleum Hydrocarbons as Gasoline  
ug/L micrograms per liter



**TPH-g CONCENTRATIONS IN  
GROUNDWATER, 4th QUARTER 2008**

FORMER LEMOINE SAUSAGE FACTORY  
630 29TH AVENUE  
OAKLAND, CALIFORNIA  
Project No. 33104-004578.00

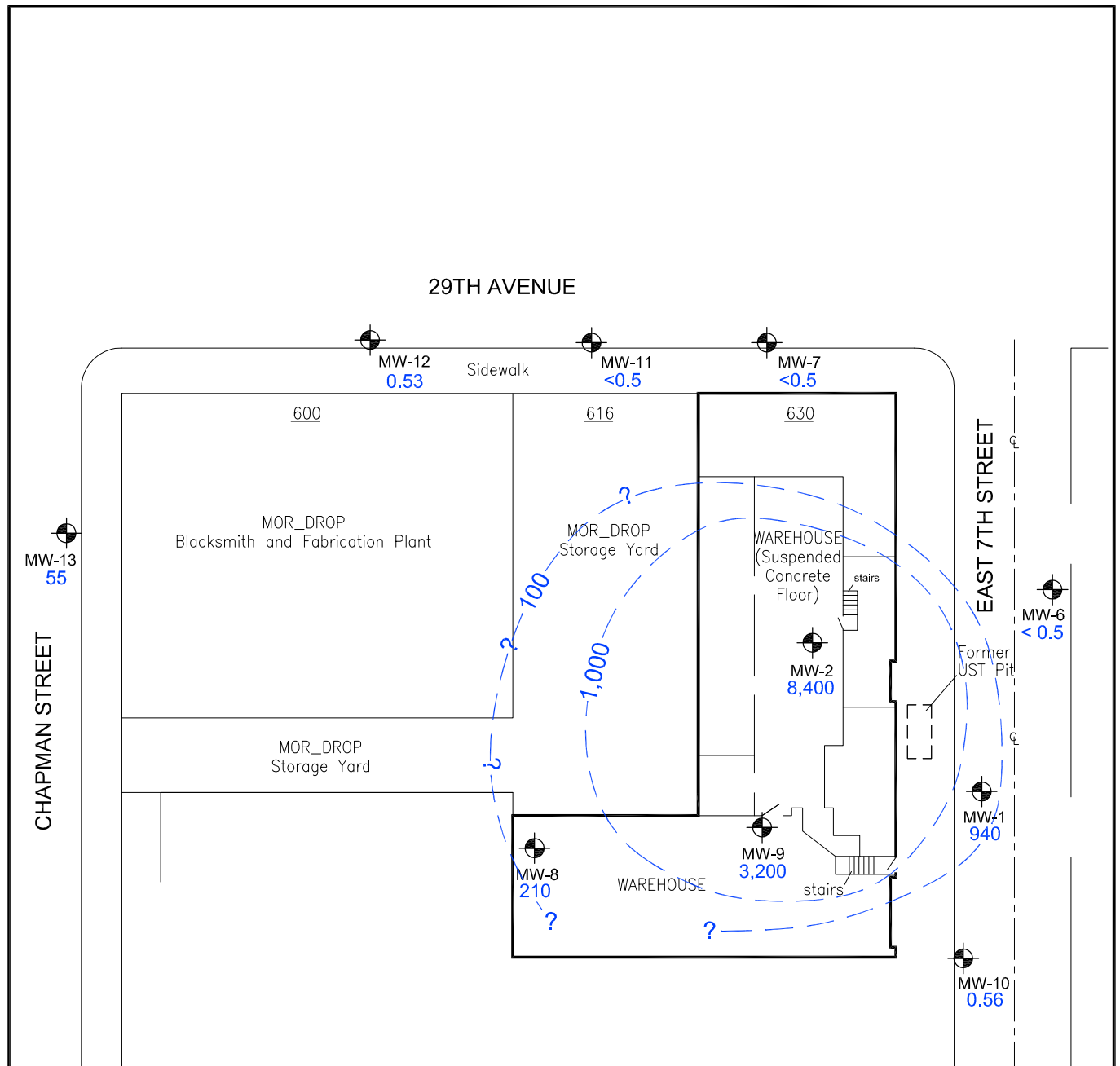
Figure

**3**



01/03/09  
SITE1208.DWG

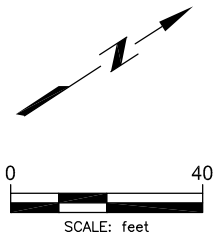



**BUREAU  
VERITAS**

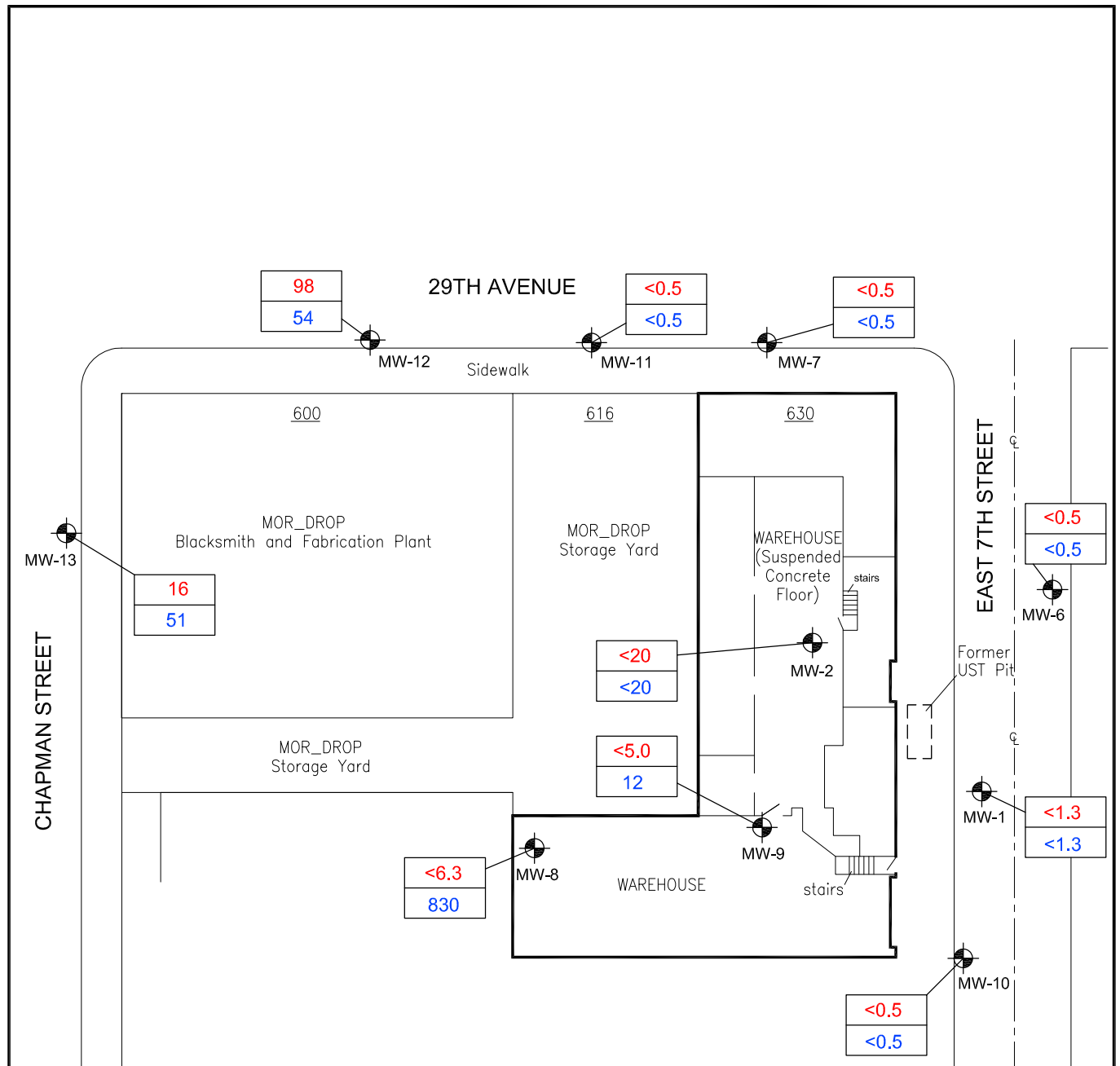


**LEGEND:**

- MW-1  Existing Monitoring Well Location
- 8,400 Benzene Concentration (ug/L), 12/02/08
- 10  Benzene Isoconcentration Contour (ug/L)
- TPH-g Total Petroleum Hydrocarbons as Gasoline  
ug/L micrograms per liter



<p><b>BENZENE CONCENTRATIONS IN GROUNDWATER, 4th QUARTER 2008</b></p> <p>FORMER LEMOINE SAUSAGE FACTORY 630 29TH AVENUE OAKLAND, CALIFORNIA Project No. 33104-004578.00</p>	<p>Figure</p> <p><b>4</b></p> <p>01/03/09 SITE1208.DWG</p>	 <p><b>BUREAU VERITAS</b></p>
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**LEGEND:**

MW-1 Existing Monitoring Well Location

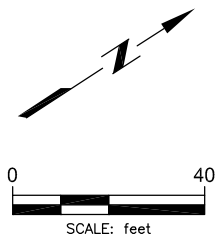
TCE Concentration (ug/L), 12/02/08

cis 1,2-DCE Concentration (ug/L), 12/02/08

TCE Trichloroethene

cis 1,2-DCE cis 1,2-Dichloroethene

ug/L micrograms per liter



**TCE AND cis-1,2-DCE  
CONCENTRATIONS IN GROUNDWATER,  
4th QUARTER 2008**  
FORMER LEMOINE SAUSAGE FACTORY  
630 29TH AVENUE  
OAKLAND, CALIFORNIA  
Project No. 33104-004578.00

Figure

**5**

01/03/09  
SITE1208.DWG



**BUREAU  
VERITAS**



**APPENDIX A**  
**FIELD SAMPLING DATA SHEETS**

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	12-2-08	830		16.69	6.17		10.52
MW-2	12-2-08	<del>830</del> 845		20.79	11.13 BATH ↓		9.66
MW-6	12-2-08	826		16.6	6.36		10.24
MW-7	12-2-08	822		15.47	6.79		8.68
MW-8	12-2-08	840		17.58	8.29		9.29
MW-9	12-2-08	836		17.61	7.31		10.30
MW-10	12-2-08	833		16.92	6.22		10.70
MW-11	12-2-08	818		14.87	6.71		8.16
MW-12	12-2-08	815		14.05	6.59		7.46
MW-13	12-2-08	810		13.39	6.73		6.66

Notes:

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









### 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: 12/2/08	
Field Technician: A. Abey, Jeremy Wilson	Date Purged: 12/2/08	
Weather Conditions: partly cloudy, 50°	Date Sampled: 12/2/08	
Top of Casing Elevation (ft, msl): 16.60	Casing Diameter (inches): 2"	
Depth to Water Elevation (ft, btoc): 6.36	Wellhead Condition: OK, oil on top of well box, H <sub>2</sub> O r/in well box.	
Groundwater Elevation (ft, msl): 10.24 <del>10.24</del> 9.76	Presence of Wellhead Gases: No	doesn't have cupn/btiller
Depth to Well Bottom (ft, btoc): -3.40	Vapor Reading (ppm): N/A	
Water Column Height (ft): 13.64 <del>13.64</del> 9.76	Presence of SPH: No	
Calculated Purge Volume (gal): 2.31 <del>2.32</del> 1.66	Thickness of SPH (ft): N/A	
Actual Purge Volume (gal): 9	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)	Specific Conductivity $\mu\text{m}$	Temp (°C)	Dissolved Oxygen (mg/L / %)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor
11:01	1	0.116	21.1	4.60	7.24	14.9	81	slight <del>odor</del> sweet
11:03	2.5	0.116	21.2	4.12	7.61	11.5	102	"
11:06	5	0.125	21.1	3.84	6.98	0.02	118	very slight sweet odor
11:11	7.5	0.147	21.6	4.56	6.65	0.1	148	"
11:15	9.0	0.150	21.6	3.98	6.50	0.0	150	"

Water Level Indicator Model & No.: water level indicator	Purge Method: disposable bailer
pH/Cond/Temp Meter Model: Horiba U-22	Purge Equipment Used: " "
Turbidity Meter Model: "	Purge Rate (gpm): N/A
Sample Collection Time: 11:20	Chemical Laboratory: Curtis and Tompkins
Sample Collection Method: bailer	Chemical Analysis: TPH-g/BTEX/VOCs
Sample Containers Used: Voas	
Other Field Observations: -	



## 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: 12/2/08
Field Technician: A Abegg, Jeremy Wilson	Date Purged: 12/2/08
Weather Conditions: <sup>40</sup> partly cloudy 60's	Date Sampled: 12/2/08
Top of Casing Elevation (ft, msl): 15.47	Casing Diameter (inches): 2"
Depth to Water Elevation (ft, btoc): 6.79	Wellhead Condition: OK, H <sub>2</sub> O in well box w/ screen
Groundwater Elevation (ft, msl): 8.68	Presence of Wellhead Gases: NO
Depth to Well Bottom (ft, btoc): -4.53	Vapor Reading (ppm): N/A
Water Column Height (ft): <del>13.21</del> 11.32	Presence of SPH: NO
Calculated Purge Volume (gal): <del>2.25</del> 1.92	Thickness of SPH (ft): N/A
Actual Purge Volume (gal): 7	Comments: —

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.13, other= r2 x 0.163

### PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity $\frac{\mu\text{m}}{\text{cm}}$	Temp (°C)	Dissolved Oxygen (mg/L / %)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor
13:55	1	0.133	20.1	8.00	6.72	9.7	101	slight odor
13:56	2	0.134	20.1	5.813	6.59	38.5	98	None
13:58	4	0.135	20.2	5.08	6.55	30.1	99	"
14:01	6	0.137	20.2	5.02	6.50	62.6	100	"
14:02	7	0.137	20.2	4.74	6.50	101.0	99	"

Water Level Indicator Model & No.: <i>Water Level Indicator</i>	Purge Method: <i>disposable bailer</i>
pH/Cond/Temp Meter Model: <i>Horiβa U-22</i>	Purge Equipment Used: " "
Turbidity Meter Model: " "	Purge Rate (gpm): <i>N/A</i>
Sample Collection Time: <i>14:05</i>	Chemical Laboratory: Curtis and Tompkins
Sample Collection Method: <i>bailer</i>	Chemical Analysis: TPH-g/BTEX/VOCs
Sample Containers Used: <i>Voas</i>	

Other Field Observations: —



### 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: 12/2/08
Field Technician: A Abegg, Jeremy Wilson		Date Purged: 12/2/08
Weather Conditions: partly cloudy, 50's		Date Sampled: 12/2/08
Top of Casing Elevation (ft, msl): 17.58	Casing Diameter (inches): 2"	
Depth to Water Elevation (ft, btoc): 8.29	Wellhead Condition: OK	
Groundwater Elevation (ft, msl): 9.29	Presence of Wellhead Gases: No	
Depth to Well Bottom (ft, btoc): -2.42	Vapor Reading (ppm): N/A	
Water Column Height (ft): 10.71	Presence of SPH: No	
Calculated Purge Volume (gal): 1.82	Thickness of SPH (ft): N/A	
Actual Purge Volume (gal): 7	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)	Specific Conductivity $\mu\text{mhos/cm}$	Temp (°C)	Dissolved Oxygen (mg/L/%)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor
9:49	1	0.169	17.3	4.03	6.36	255.0	51	yes
9:51	1.5	0.170	17.3	4.17	6.41	420.0	33	"
9:53	3.0	0.170	17.3	3.76	6.42	411.0	24	"
9:55	4.5	0.171	17.3	3.58	6.42	416.0	26	"
9:58	6.0	0.175	17.2	4.35	6.34	26.9	-47	"
10:00	7.0	0.177	17.2	3.82	6.34	8.4	-58	"

Water Level Indicator Model & No.: Water Level Indicator	Purge Method: disposable bailer
pH/Cond/Temp Meter Model: Horiba V-22	Purge Equipment Used: " "
Turbidity Meter Model: " "	Purge Rate (gpm): N/A
Sample Collection Time: 16:05	Chemical Laboratory: Curtis and Tompkins
Sample Collection Method: bailer	Chemical Analysis: TPH-g/BTEX/VOCs
Sample Containers Used: Voas	

Other Field Observations: strong odor - VOCs? / ~~partly cloudy~~



### 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: 12/2/08	
Field Technician: A. Abey Jeremy Wilson	Date Purged: 12/2/08	
Weather Conditions: partly cloudy, 60's	Date Sampled: 12/2/08	
Top of Casing Elevation (ft, msl): 17.61	Casing Diameter (inches): 2"	
Depth to Water Elevation (ft, btoc): 7.31	Wellhead Condition: ok	
Groundwater Elevation (ft, msl): 10.30	Presence of Wellhead Gases: NO	
Depth to Well Bottom (ft, btoc): 2.61	Vapor Reading (ppm): N/A	
Water Column Height (ft): <del>4.7</del> 7.69	Presence of SPH: NO	
Calculated Purge Volume (gal): <del>279</del> 1.30	Thickness of SPH (ft): N/A	
Actual Purge Volume (gal): 2	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)	Specific Conductivity $\mu\text{m}$	Temp (°C)	Dissolved Oxygen (mg/L / %)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor
10:25	1.0	1.27	17.9	19.14 / 19.99	11.29	29.2	-99	strong odor
10:27	2.0	1.41	17.9	19.99	11.40	125.0	-93	"

Water Level Indicator Model & No.: Water Level Indicator	Purge Method: disposable basket
pH/Cond/Temp Meter Model: Horiba U-22	Purge Equipment Used: -
Turbidity Meter Model: " "	Purge Rate (gpm): N/A
Sample Collection Time: <del>14:45</del> 14:45	Chemical Laboratory: Curtis and Tompkins
Sample Collection Method: bailer	Chemical Analysis: TPH-g/BTEX/VOCs
Sample Containers Used: Voas w/o HCl	
similar to kerosene.	
Other Field Observations: odor, <del>was</del> well purged dry during 2nd purge event. Allowed to rest for 2 hrs. white particles at bottom of well. DWT at 14:22 = 12.03 ft btoc.	



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: 12/2/08		
Field Technician: A. Abca, Jeremy Wilson	Date Purged: 12/2/08		
Weather Conditions: partly cloudy, 60's	Date Sampled: 12/2/08		
Top of Casing Elevation (ft, msl): 16.92	Casing Diameter (inches): 2"		
Depth to Water Elevation (ft, btoc): 6.22	Wellhead Condition: OK, H <sub>2</sub> O in well box		
Groundwater Elevation (ft, msl): 10.70	Presence of Wellhead Gases: No		
Depth to Well Bottom (ft, btoc): 7.92	Vapor Reading (ppm): N/A		
Water Column Height (ft): <del>1.70</del> 2.78	Presence of SPH: No		
Calculated Purge Volume (gal): 0.29 0.47	Thickness of SPH (ft): N/A		
Actual Purge Volume (gal): 1	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)	Specific Conductivity $\mu\text{m}/\text{cm}$	Temp (°C)	Dissolved Oxygen (mg/L / %)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor
12:10	.5	0.092	20.1	6.16	6.87	105.0	-105	odor present
12:11	1	88.3 $\mu\text{m}/\text{cm}$	20.2	8.79	6.68	128.0	-107	"

Water Level Indicator Model & No.: Waterlevel Indicator	Purge Method: disposable bailer
pH/Cond/Temp Meter Model: Horiba U-22	Purge Equipment Used: " "
Turbidity Meter Model: " "	Purge Rate (gpm): —
Sample Collection Time: 12:45	Chemical Laboratory: Curtis and Tompkins
Sample Collection Method: bailer	Chemical Analysis: TPH-g/BTEX/VOCs
Sample Containers Used: Voas	
Other Field Observations: well purged during 2 <sup>nd</sup> purge event. Allowed to recharge.	



### GROUNDWATER SAMPLING DATA SHEET

Project Name: Former Lemoine Sausage Factory	Well ID Number: MW-11	MW-11
Project No.: 33104-004578.00	Sample ID Number: MW-11	MW-11
Project Location: 630 29th Avenue, Oakland, CA	Date Gauged: 12/2/08	
Field Technician: <i>A. Ahegy</i> Jeremy Wilson	Date Purged: 12/2/08	
Weather Conditions: <i>partly cloudy, 100's</i>	Date Sampled: 12/2/08	
Top of Casing Elevation (ft, msl): 14.87	Casing Diameter (inches): 2"	
Depth to Water Elevation (ft, btoc): 6.71	Wellhead Condition: <i>OK</i>	
Groundwater Elevation (ft, msl): 8.16	Presence of Wellhead Gases: <i>No</i>	
Depth to Well Bottom (ft, btoc): -0.13	Vapor Reading (ppm): <i>N/A</i>	
Water Column Height (ft): 6.94	Presence of SPH: <i>No</i>	
Calculated Purge Volume (gal): 1.14	Thickness of SPH (ft): <i>N/A</i>	
Actual Purge Volume (gal): 4	Comments: <i>-</i>	

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)	Specific Conductivity $\mu\text{S}/\text{cm}$	Temp (°C)	Dissolved Oxygen (mg/L / %)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor
13:29	1	0.208	20.1	7.18	6.65	11.0	92	<i>slight odor</i>
13:31	2	0.212	20.3	4.82	6.45	11.9	79	"
13:33	3	0.216	20.3	4.27	6.42	9.9	79	"
13:35	4	0.219	20.4	3.99	6.39	15.4	80	"

Water Level Indicator Model & No.: <i>Water Level Indicator</i>	Purge Method: <i>disposable bailer</i>
pH/Cond/Temp Meter Model: <i>Horiba U-22</i>	Purge Equipment Used: <i>" "</i>
Turbidity Meter Model: <i>" "</i>	Purge Rate (gpm): <i>-</i>
Sample Collection Time: <i>1340</i>	Chemical Laboratory: <i>Curtis and Tompkins</i>
Sample Collection Method: <i>bailer</i>	Chemical Analysis: <i>TPH-g/BTEX/VOCs</i>
Sample Containers Used: <i>Voas</i>	
Other Field Observations: <i>-</i>	



### 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: 12/2/08	
Field Technician: A. Abey Jeremy Wilson		Date Purged: 12/2/08	
Weather Conditions: partly cloudy, 100's		Date Sampled: 12/2/08	
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): N/A	
Water Column Height (ft): 7.54 8.41		Presence of SPH: N <sup>o</sup>	
Calculated Purge Volume (gal): 1.28 1.43		Thickness of SPH (ft): N/A	
Actual Purge Volume (gal): 4.5		Comments: —	

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other=  $r^2 \times 0.163$

#### PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity $\mu\text{mhos/cm}$	Temp (°C)	Dissolved Oxygen (mg/L / %)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor
13:06	1	0.157	19.8	8.24	6.81	0.1	35	no
13:08	1.5	0.156	19.8	7.15	6.76	0.2	41	slight odor
13:10	3	0.156	19.9	6.33	6.71	0.1	51	"
13:12	4.5	0.156	19.9	5.70	6.66	0.2	57	"

Water Level Indicator Model & No.: Water level Indicator	Purge Method: disposable bailer
pH/Cond/Temp Meter Model: Horiba U-22	Purge Equipment Used: " "
Turbidity Meter Model: " "	Purge Rate (gpm): N/A
Sample Collection Time: 13:15	Chemical Laboratory: Curtis and Tompkins
Sample Collection Method: bailer	Chemical Analysis: TPH-g/BTEX/VOCs
Sample Containers Used: Voas	
Other Field Observations: —	



### 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: 12/2/08
Field Technician: A Abegg, Jeremy Wilson		Date Purged: 12/2/08
Weather Conditions: partly cloudy, 60's		Date Sampled: 12/2/08
Top of Casing Elevation (ft, msl): 13.39	Casing Diameter (inches): 2"	
Depth to Water Elevation (ft, btoc): 6.73	Wellhead Condition: ok, oil on top of wellbox, water w/ sheen inside wellbox. Has a cap that can't be tightened but is locked + not dark	
Groundwater Elevation (ft, msl): 6.66	Presence of Wellhead Gases: Ni	
Depth to Well Bottom (ft, btoc): -1.61	Vapor Reading (ppm): N/A	
Water Column Height (ft): 8.34 8.27	Presence of SPH: No	
Calculated Purge Volume (gal): 1.40	Thickness of SPH (ft): N/A	
Actual Purge Volume (gal): 5	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)	Specific Conductivity	Temp (°C)	Dissolved Oxygen (mg/L / %)	pH (units)	Turbidity (NTUs) or TDS g/L	ORP	Odor
12:41	1	0.124	21.2	7.32	6.66	36.4	-92	yes, <del>sheen</del> sheet
12:42	1.5	0.125	21.2	4.20	6.59	34.2	-95	"
12:43	3.0	0.126	21.4	3.60	6.54	18.9	-93	"
12:53	4.5	0.126	21.4	3.46	6.49	19.1	-95	"
12:54	5.6	0.127	21.4	3.39	6.50	22.0	-95	"

Water Level Indicator Model & No.: Water level indicator	Purge Method: disposable bailer
pH/Cond/Temp Meter Model: Horizon U-22	Purge Equipment Used: " "
Turbidity Meter Model: " "	Purge Rate (gpm): —
Sample Collection Time: 12:55	Chemical Laboratory: Curtis and Tompkins
Sample Collection Method: bailer	Chemical Analysis: TPH-g/BTEX/VOCs
Sample Containers Used: Voas	
Other Field Observations: —	





**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 208242  
ANALYTICAL REPORT

Bureau Veritas North America  
6920 Koll Center Parkway  
Pleasanton, CA 94566

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

<u>Sample ID</u>	<u>Lab ID</u>
MW-01	208242-001
MW-02	208242-002
MW-06	208242-003
MW-07	208242-004
MW-08	208242-005
MW-09	208242-006
MW-10	208242-007
MW-11	208242-008
MW-12	208242-009
MW-13	208242-010
DRUM COMPOSITE	208242-011

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:   
Project Manager

Date: 12/11/2008

Signature:   
Senior Program Manager

Date: 12/12/2008

### CASE NARRATIVE

Laboratory number: 208242  
Client: Bureau Veritas North America  
Project: 33104-004578.00  
Location: Sausage Factory  
Request Date: 12/02/08  
Samples Received: 12/02/08

This data package contains sample and QC results for eleven water samples, requested for the above referenced project on 12/02/08. The samples were received cold and intact.

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

High surrogate recovery was observed for bromofluorobenzene (FID) in MW-13 (lab # 208242-010), due to interference from coeluting hydrocarbon peaks. High surrogate recovery was observed for bromofluorobenzene (PID) in MW-13 (lab # 208242-010); the corresponding trifluorotoluene (PID) surrogate recovery was within limits. MW-09 (lab # 208242-006) had pH greater than 2. This sample was analyzed within the seven day holding time for unpreserved samples. No other analytical problems were encountered.

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

MW-09 (lab # 208242-006) had pH greater than 2. This sample was analyzed within the seven day holding time for unpreserved samples. No other analytical problems were encountered.

208242

# CHAIN OF CUSTODY



**BUREAU  
VERITAS**

Lab: Curtis and Tompkins

TAT: Standard

### Report results to:

Name: Alyssa Abegg  
 Company: Bureau Veritas  
 Mailing Address: 6920 Koll Center Parkway, Ste. 216  
 City, State, Zip: Pleasanton, California 94566  
 Telephone No.: (925) 426-2600  
 Fax No.: (925) 426-0106  
 Email: alyssa.abegg@us.bureauveritas.com

### Project Information

Project No.: 33104-004578.00  
 Name: Sausage Factory  
 Location: 630 29th Ave, Oakland

Special instructions and/or specific regulatory requirements:

### Analyses Requested

EDD Format for Geotracker

Yes x No

Sample Identification	Date Sampled	Time Sampled	Matrix/Media	No. of Conts.	VOCs	TPH-g	BTEX	8021B	Sample Condition/Comments	Preservative
MW-01	12/2/08	11:50	GW	6	X	X				HCl
MW-02	12/2/08	9:10	GW	6						
MW-06	12/2/08	11:20	GW	6						
MW-07	12/2/08	14:05	GW	6						
MW-08	12/2/08	10:05	GW	6						↓
MW-09	12/2/08	14:45	GW	6						ICE
MW-10	12/2/08	12:45	GW	6						HCl
MW-11	12/2/08	13:40	GW	6						
MW-12	12/2/08	13:15	GW	6						↓
MW-13	12/2/08	12:55	GW	6						↓

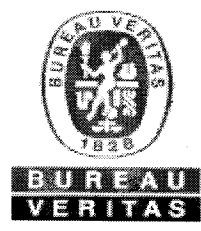
Collected by: Alyssa Abegg 12/2/2008  
 Relinquished by: [Signature] Date/Time 12/2/08 17:49  
 Relinquished by: \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Method of Shipment: \_\_\_\_\_

Collector's Signature: [Signature]  
 Received by: [Signature] Date/Time 12/2/08 18:49  
 Received by: \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Sample Condition on Rcpt: \_\_\_\_\_

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

208242

# CHAIN OF CUSTODY



Lab: Curtis and Tompkins

TAT: Standard

### Report results to:

Name: Alyssa Abegg  
 Company: Bureau Veritas  
 Mailing Address: 6920 Koll Center Parkway, Ste. 216  
 City, State, Zip: Pleasanton, California 94566  
 Telephone No.: (925) 426-2600  
 Fax No.: (925) 426-0106  
 Email: alyssa.abegg@us.bureauveritas.com

### Project Information

Project No.: 33104-004578.00  
 Name: Sausage Factory  
 Location: 630 29th Ave, Oakland

Special instructions and/or specific regulatory requirements:

### Analyses Requested

VOCs 8260B	TPH-g and BTEX 8021B																			

EDD Format for Geotracker  
 Yes      No     

Sample Identification	Date Sampled	Time Sampled	Matrix/Media	No. of Conts.	VOCs 8260B	TPH-g and BTEX 8021B															Sample Condition/Comments	Preservative
11 Drum Composite	12/2/2008	15:00	GW	6	X	X																HCI

Collected by: Alyssa Abegg 12/2/2008  
 Relinquished by: [Signature] Date/Time 12/2/08 17:49  
 Relinquished by: \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Method of Shipment: \_\_\_\_\_

Collector's Signature: [Signature]  
 Received by: [Signature] Date/Time 12/2/08 17:49  
 Received by: \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Sample Condition on Rcpt: \_\_\_\_\_

COOLER RECEIPT CHECKLIST



Curtis & Tompkins, Ltd.

Login # 208242 Date Received 12/02/08 Number of coolers 1
Client BUREAU VERITAS Project SAUSAGE FACTORY

Date Opened 12/2/08 By (print) M. VILLIURE (sign) [Signature]
Date Logged in [check] By (print) [check] (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 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) 5.9

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

SAMPLE #10 1/6 VOA 10# ON SAMPLE MW-12 12/2/08 12:55







**Curtis & Tompkins Laboratories Analytical Report**

Lab #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00		
Matrix:	Water	Sampled:	12/02/08
Units:	ug/L	Received:	12/02/08
Batch#:	145579		

Field ID: MW-08 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 12/03/08  
 Lab ID: 208242-005

Analyte	Result	RL	Analysis
Gasoline C7-C12	2,200	50	EPA 8015B
Benzene	210	0.50	EPA 8021B
Toluene	1.5	0.50	EPA 8021B
Ethylbenzene	91	0.50	EPA 8021B
m,p-Xylenes	2.8 C	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	136	61-149	EPA 8015B
Bromofluorobenzene (FID)	125	65-146	EPA 8015B
Trifluorotoluene (PID)	119	52-143	EPA 8021B
Bromofluorobenzene (PID)	117	56-141	EPA 8021B

Field ID: MW-09 Diln Fac: 20.00  
 Type: SAMPLE Analyzed: 12/04/08  
 Lab ID: 208242-006

Analyte	Result	RL	Analysis
Gasoline C7-C12	9,000	1,000	EPA 8015B
Benzene	3,200	10	EPA 8021B
Toluene	15	10	EPA 8021B
Ethylbenzene	290	10	EPA 8021B
m,p-Xylenes	400	10	EPA 8021B
o-Xylene	17	10	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	106	61-149	EPA 8015B
Bromofluorobenzene (FID)	100	65-146	EPA 8015B
Trifluorotoluene (PID)	104	52-143	EPA 8021B
Bromofluorobenzene (PID)	99	56-141	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 #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00		
Matrix:	Water	Sampled:	12/02/08
Units:	ug/L	Received:	12/02/08
Batch#:	145579		

Field ID: MW-10 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 12/04/08  
 Lab ID: 208242-007

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
Benzene	0.56	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)	96	61-149	EPA 8015B
Bromofluorobenzene (FID)	105	65-146	EPA 8015B
Trifluorotoluene (PID)	83	52-143	EPA 8021B
Bromofluorobenzene (PID)	90	56-141	EPA 8021B

Field ID: MW-11 Diln Fac: 1.000  
 Type: SAMPLE Analyzed: 12/04/08  
 Lab ID: 208242-008

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)	97	61-149	EPA 8015B
Bromofluorobenzene (FID)	107	65-146	EPA 8015B
Trifluorotoluene (PID)	83	52-143	EPA 8021B
Bromofluorobenzene (PID)	93	56-141	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 #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00		
Matrix:	Water	Sampled:	12/02/08
Units:	ug/L	Received:	12/02/08
Batch#:	145579		

Field ID:	MW-12	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	12/04/08
Lab ID:	208242-009		

Analyte	Result	RL	Analysis
Gasoline C7-C12	65 Y	50	EPA 8015B
Benzene	0.53	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)	96	61-149	EPA 8015B
Bromofluorobenzene (FID)	102	65-146	EPA 8015B
Trifluorotoluene (PID)	94	52-143	EPA 8021B
Bromofluorobenzene (PID)	93	56-141	EPA 8021B

Field ID:	MW-13	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	12/04/08
Lab ID:	208242-010		

Analyte	Result	RL	Analysis
Gasoline C7-C12	3,200	50	EPA 8015B
Benzene	55 C	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	27	0.50	EPA 8021B
m,p-Xylenes	5.5	0.50	EPA 8021B
o-Xylene	7.7 C	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	149	61-149	EPA 8015B
Bromofluorobenzene (FID)	186 *	65-146	EPA 8015B
Trifluorotoluene (PID)	140	52-143	EPA 8021B
Bromofluorobenzene (PID)	142 *	56-141	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 #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00		
Matrix:	Water	Sampled:	12/02/08
Units:	ug/L	Received:	12/02/08
Batch#:	145579		

Field ID: DRUM COMPOSITE                      Diln Fac: 1.000  
 Type: SAMPLE                                      Analyzed: 12/04/08  
 Lab ID: 208242-011

Analyte	Result	RL	Analysis
Gasoline C7-C12	460	50	EPA 8015B
Benzene	62	0.50	EPA 8021B
Toluene	0.62	0.50	EPA 8021B
Ethylbenzene	11	0.50	EPA 8021B
m,p-Xylenes	9.3	0.50	EPA 8021B
o-Xylene	0.79	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	120	61-149	EPA 8015B
Bromofluorobenzene (FID)	111	65-146	EPA 8015B
Trifluorotoluene (PID)	105	52-143	EPA 8021B
Bromofluorobenzene (PID)	108	56-141	EPA 8021B

Type: BLANK    Diln Fac: 1.000  
 Lab ID: QC473498                                      Analyzed: 12/03/08

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)	94	61-149	EPA 8015B
Bromofluorobenzene (FID)	93	65-146	EPA 8015B
Trifluorotoluene (PID)	89	52-143	EPA 8021B
Bromofluorobenzene (PID)	90	56-141	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 #:	208242	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:	QC473499	Batch#:	145579
Matrix:	Water	Analyzed:	12/03/08
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	1,079	108	78-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	126	61-149
Bromofluorobenzene (FID)	109	65-146

## Batch QC Report

**Curtis & Tompkins Laboratories Analytical Report**

Lab #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8021B
Matrix:	Water	Batch#:	145579
Units:	ug/L	Analyzed:	12/03/08
Diln Fac:	1.000		

Type: BS Lab ID: QC473500

Analyte	Spiked	Result	%REC	Limits
Benzene	10.00	9.215	92	80-120
Toluene	10.00	9.763	98	77-120
Ethylbenzene	10.00	9.470	95	79-123
m,p-Xylenes	10.00	9.608	96	78-123
o-Xylene	10.00	9.649	96	78-122

Surrogate	%REC	Limits
Trifluorotoluene (PID)	90	52-143
Bromofluorobenzene (PID)	93	56-141

Type: BSD Lab ID: QC473501

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Benzene	20.00	19.89	99	80-120	8	20
Toluene	20.00	20.97	105	77-120	7	20
Ethylbenzene	20.00	20.45	102	79-123	8	20
m,p-Xylenes	20.00	20.74	104	78-123	8	21
o-Xylene	20.00	20.68	103	78-122	7	20

Surrogate	%REC	Limits
Trifluorotoluene (PID)	91	52-143
Bromofluorobenzene (PID)	97	56-141

RPD= Relative Percent Difference

## Batch QC Report

**Curtis & Tompkins Laboratories Analytical Report**

Lab #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8015B
Field ID:	MW-06	Batch#:	145579
MSS Lab ID:	208242-003	Sampled:	12/02/08
Matrix:	Water	Received:	12/02/08
Units:	ug/L	Analyzed:	12/03/08
Diln Fac:	1.000		

Type: MS Lab ID: QC473502

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	43.09	2,000	1,827	89	65-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	138	61-149
Bromofluorobenzene (FID)	115	65-146

Type: MSD Lab ID: QC473503

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,849	90	65-120	1	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	149	61-149
Bromofluorobenzene (FID)	122	65-146

RPD= Relative Percent Difference





















### Purgeable Halocarbons by GC/MS

Lab #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-01	Batch#:	145592
Lab ID:	208242-001	Sampled:	12/02/08
Matrix:	Water	Received:	12/02/08
Units:	ug/L	Analyzed:	12/05/08
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	100	80-137
Toluene-d8	103	80-120
Bromofluorobenzene	101	80-122

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Halocarbons by GC/MS

Lab #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-02	Batch#:	145558
Lab ID:	208242-002	Sampled:	12/02/08
Matrix:	Water	Received:	12/02/08
Units:	ug/L	Analyzed:	12/04/08
Diln Fac:	40.00		

Analyte	Result	RL
Chloromethane	ND	40
Vinyl Chloride	ND	20
Bromomethane	ND	40
Chloroethane	ND	40
Trichlorofluoromethane	ND	40
Freon 113	ND	80
1,1-Dichloroethene	ND	20
Methylene Chloride	ND	800
trans-1,2-Dichloroethene	ND	20
1,1-Dichloroethane	ND	20
cis-1,2-Dichloroethene	ND	20
Chloroform	ND	40
1,1,1-Trichloroethane	ND	20
Carbon Tetrachloride	ND	20
1,2-Dichloroethane	ND	20
Trichloroethene	ND	20
1,2-Dichloropropane	ND	20
Bromodichloromethane	ND	20
cis-1,3-Dichloropropene	ND	20
trans-1,3-Dichloropropene	ND	20
1,1,2-Trichloroethane	ND	20
Tetrachloroethene	ND	20
Dibromochloromethane	ND	20
Chlorobenzene	ND	20
Bromoform	ND	20
1,1,2,2-Tetrachloroethane	ND	20
1,3-Dichlorobenzene	ND	20
1,4-Dichlorobenzene	ND	20
1,2-Dichlorobenzene	ND	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	101	80-137
Toluene-d8	97	80-120
Bromofluorobenzene	102	80-122

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Halocarbons by GC/MS

Lab #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-06	Batch#:	145558
Lab ID:	208242-003	Sampled:	12/02/08
Matrix:	Water	Received:	12/02/08
Units:	ug/L	Analyzed:	12/03/08
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	0.6	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	80-137
Toluene-d8	99	80-120
Bromofluorobenzene	110	80-122

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Halocarbons by GC/MS

Lab #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-07	Batch#:	145558
Lab ID:	208242-004	Sampled:	12/02/08
Matrix:	Water	Received:	12/02/08
Units:	ug/L	Analyzed:	12/03/08
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	115	80-137
Toluene-d8	100	80-120
Bromofluorobenzene	108	80-122

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Halocarbons by GC/MS

Lab #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-08	Batch#:	145592
Lab ID:	208242-005	Sampled:	12/02/08
Matrix:	Water	Received:	12/02/08
Units:	ug/L	Analyzed:	12/05/08
Diln Fac:	12.50		

Analyte	Result	RL
Chloromethane	ND	13
Vinyl Chloride	200	6.3
Bromomethane	ND	13
Chloroethane	ND	13
Trichlorofluoromethane	ND	13
Freon 113	ND	25
1,1-Dichloroethene	ND	6.3
Methylene Chloride	ND	250
trans-1,2-Dichloroethene	43	6.3
1,1-Dichloroethane	ND	6.3
cis-1,2-Dichloroethene	830	6.3
Chloroform	ND	13
1,1,1-Trichloroethane	ND	6.3
Carbon Tetrachloride	ND	6.3
1,2-Dichloroethane	ND	6.3
Trichloroethene	ND	6.3
1,2-Dichloropropane	ND	6.3
Bromodichloromethane	ND	6.3
cis-1,3-Dichloropropene	ND	6.3
trans-1,3-Dichloropropene	ND	6.3
1,1,2-Trichloroethane	ND	6.3
Tetrachloroethene	ND	6.3
Dibromochloromethane	ND	6.3
Chlorobenzene	ND	6.3
Bromoform	ND	6.3
1,1,2,2-Tetrachloroethane	ND	6.3
1,3-Dichlorobenzene	ND	6.3
1,4-Dichlorobenzene	ND	6.3
1,2-Dichlorobenzene	ND	6.3

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	101	80-137
Toluene-d8	103	80-120
Bromofluorobenzene	100	80-122

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Halocarbons by GC/MS

Lab #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-09	Batch#:	145592
Lab ID:	208242-006	Sampled:	12/02/08
Matrix:	Water	Received:	12/02/08
Units:	ug/L	Analyzed:	12/05/08
Diln Fac:	10.00		

Analyte	Result	RL
Chloromethane	ND	10
Vinyl Chloride	ND	5.0
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	10
Freon 113	ND	20
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	200
trans-1,2-Dichloroethene	ND	5.0
1,1-Dichloroethane	ND	5.0
cis-1,2-Dichloroethene	12	5.0
Chloroform	ND	10
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
cis-1,3-Dichloropropene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
Chlorobenzene	ND	5.0
Bromoform	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	91	80-137
Toluene-d8	99	80-120
Bromofluorobenzene	102	80-122

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Halocarbons by GC/MS

Lab #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-10	Batch#:	145558
Lab ID:	208242-007	Sampled:	12/02/08
Matrix:	Water	Received:	12/02/08
Units:	ug/L	Analyzed:	12/03/08
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	118	80-137
Toluene-d8	98	80-120
Bromofluorobenzene	112	80-122

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Halocarbons by GC/MS

Lab #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-11	Batch#:	145558
Lab ID:	208242-008	Sampled:	12/02/08
Matrix:	Water	Received:	12/02/08
Units:	ug/L	Analyzed:	12/03/08
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	115	80-137
Toluene-d8	96	80-120
Bromofluorobenzene	109	80-122

ND= Not Detected  
 RL= Reporting Limit



### Purgeable Halocarbons by GC/MS

Lab #:	208242	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:	208242-009	Sampled:	12/02/08
Matrix:	Water	Received:	12/02/08

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Chloromethane	ND	1.0	1.000	145592	12/04/08
Vinyl Chloride	ND	0.5	1.000	145592	12/04/08
Bromomethane	ND	1.0	1.000	145592	12/04/08
Chloroethane	ND	1.0	1.000	145592	12/04/08
Trichlorofluoromethane	ND	1.0	1.000	145592	12/04/08
Freon 113	ND	2.0	1.000	145592	12/04/08
1,1-Dichloroethene	ND	0.5	1.000	145592	12/04/08
Methylene Chloride	ND	20	1.000	145592	12/04/08
trans-1,2-Dichloroethene	58	0.5	1.000	145592	12/04/08
1,1-Dichloroethane	ND	0.5	1.000	145592	12/04/08
cis-1,2-Dichloroethene	54	0.5	1.000	145592	12/04/08
Chloroform	ND	1.0	1.000	145592	12/04/08
1,1,1-Trichloroethane	ND	0.5	1.000	145592	12/04/08
Carbon Tetrachloride	ND	0.5	1.000	145592	12/04/08
1,2-Dichloroethane	ND	0.5	1.000	145592	12/04/08
Trichloroethene	98	1.0	2.000	145558	12/03/08
1,2-Dichloropropane	ND	0.5	1.000	145592	12/04/08
Bromodichloromethane	ND	0.5	1.000	145592	12/04/08
cis-1,3-Dichloropropene	ND	0.5	1.000	145592	12/04/08
trans-1,3-Dichloropropene	ND	0.5	1.000	145592	12/04/08
1,1,2-Trichloroethane	ND	0.5	1.000	145592	12/04/08
Tetrachloroethene	ND	0.5	1.000	145592	12/04/08
Dibromochloromethane	ND	0.5	1.000	145592	12/04/08
Chlorobenzene	ND	0.5	1.000	145592	12/04/08
Bromoform	ND	0.5	1.000	145592	12/04/08
1,1,2,2-Tetrachloroethane	ND	0.5	1.000	145592	12/04/08
1,3-Dichlorobenzene	ND	0.5	1.000	145592	12/04/08
1,4-Dichlorobenzene	ND	0.5	1.000	145592	12/04/08
1,2-Dichlorobenzene	ND	0.5	1.000	145592	12/04/08

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
1,2-Dichloroethane-d4	110	80-137	1.000	145592	12/04/08
Toluene-d8	101	80-120	1.000	145592	12/04/08
Bromofluorobenzene	102	80-122	1.000	145592	12/04/08

ND= Not Detected  
 RL= Reporting Limit

### Purgeable Halocarbons by GC/MS

Lab #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	MW-13	Sampled:	12/02/08
Lab ID:	208242-010	Received:	12/02/08
Matrix:	Water	Analyzed:	12/04/08
Units:	ug/L		

Analyte	Result	RL	Diln Fac	Batch#
Chloromethane	ND	1.0	1.000	145592
Vinyl Chloride	5.8	0.5	1.000	145592
Bromomethane	ND	1.0	1.000	145592
Chloroethane	ND	1.0	1.000	145592
Trichlorofluoromethane	ND	1.0	1.000	145592
Freon 113	ND	2.0	1.000	145592
1,1-Dichloroethene	ND	0.5	1.000	145592
Methylene Chloride	ND	20	1.000	145592
trans-1,2-Dichloroethene	63	0.5	1.000	145592
1,1-Dichloroethane	ND	0.5	1.000	145592
cis-1,2-Dichloroethene	51	0.5	1.000	145592
Chloroform	ND	1.0	1.000	145592
1,1,1-Trichloroethane	ND	0.5	1.000	145592
Carbon Tetrachloride	ND	0.5	1.000	145592
1,2-Dichloroethane	ND	0.5	1.000	145592
Trichloroethene	16	1.0	2.000	145558
1,2-Dichloropropane	ND	0.5	1.000	145592
Bromodichloromethane	ND	0.5	1.000	145592
cis-1,3-Dichloropropene	ND	0.5	1.000	145592
trans-1,3-Dichloropropene	ND	0.5	1.000	145592
1,1,2-Trichloroethane	ND	0.5	1.000	145592
Tetrachloroethene	ND	0.5	1.000	145592
Dibromochloromethane	ND	0.5	1.000	145592
Chlorobenzene	ND	0.5	1.000	145592
Bromoform	ND	0.5	1.000	145592
1,1,2,2-Tetrachloroethane	ND	0.5	1.000	145592
1,3-Dichlorobenzene	ND	0.5	1.000	145592
1,4-Dichlorobenzene	ND	0.5	1.000	145592
1,2-Dichlorobenzene	ND	0.5	1.000	145592

Surrogate	%REC	Limits	Diln Fac	Batch#
1,2-Dichloroethane-d4	109	80-137	1.000	145592
Toluene-d8	103	80-120	1.000	145592
Bromofluorobenzene	105	80-122	1.000	145592

ND= Not Detected  
 RL= Reporting Limit

**Purgeable Halocarbons by GC/MS**

Lab #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Field ID:	DRUM COMPOSITE	Units:	ug/L
Lab ID:	208242-011	Sampled:	12/02/08
Matrix:	Water	Received:	12/02/08

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
Chloromethane	ND	1.0	1.000	145558	12/03/08
Vinyl Chloride	9.8	0.5	1.000	145558	12/03/08
Bromomethane	ND	1.0	1.000	145558	12/03/08
Chloroethane	ND	1.0	1.000	145558	12/03/08
Trichlorofluoromethane	ND	1.0	1.000	145558	12/03/08
Freon 113	ND	2.0	1.000	145558	12/03/08
1,1-Dichloroethene	ND	0.5	1.000	145558	12/03/08
Methylene Chloride	ND	20	1.000	145558	12/03/08
trans-1,2-Dichloroethene	9.4	0.5	1.000	145558	12/03/08
1,1-Dichloroethane	ND	0.5	1.000	145558	12/03/08
cis-1,2-Dichloroethene	120	1.0	2.000	145592	12/05/08
Chloroform	ND	1.0	1.000	145558	12/03/08
1,1,1-Trichloroethane	ND	0.5	1.000	145558	12/03/08
Carbon Tetrachloride	ND	0.5	1.000	145558	12/03/08
1,2-Dichloroethane	ND	0.5	1.000	145558	12/03/08
Trichloroethene	8.5	0.5	1.000	145558	12/03/08
1,2-Dichloropropane	ND	0.5	1.000	145558	12/03/08
Bromodichloromethane	ND	0.5	1.000	145558	12/03/08
cis-1,3-Dichloropropene	ND	0.5	1.000	145558	12/03/08
trans-1,3-Dichloropropene	ND	0.5	1.000	145558	12/03/08
1,1,2-Trichloroethane	ND	0.5	1.000	145558	12/03/08
Tetrachloroethene	ND	0.5	1.000	145558	12/03/08
Dibromochloromethane	ND	0.5	1.000	145558	12/03/08
Chlorobenzene	ND	0.5	1.000	145558	12/03/08
Bromoform	ND	0.5	1.000	145558	12/03/08
1,1,2,2-Tetrachloroethane	ND	0.5	1.000	145558	12/03/08
1,3-Dichlorobenzene	ND	0.5	1.000	145558	12/03/08
1,4-Dichlorobenzene	ND	0.5	1.000	145558	12/03/08
1,2-Dichlorobenzene	ND	0.5	1.000	145558	12/03/08

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
1,2-Dichloroethane-d4	116	80-137	1.000	145558	12/03/08
Toluene-d8	99	80-120	1.000	145558	12/03/08
Bromofluorobenzene	105	80-122	1.000	145558	12/03/08

ND= Not Detected  
 RL= Reporting Limit

## Batch QC Report

Purgeable Halocarbons by GC/MS			
Lab #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	145558
Units:	ug/L	Analyzed:	12/03/08
Diln Fac:	1.000		

Type: BS Lab ID: QC473415

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	20.00	18.20	91	73-133
Trichloroethene	20.00	19.96	100	80-120
Chlorobenzene	20.00	20.02	100	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	117	80-137
Toluene-d8	100	80-120
Bromofluorobenzene	101	80-122

Type: BSD Lab ID: QC473416

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	20.00	17.90	90	73-133	2	20
Trichloroethene	20.00	18.70	93	80-120	7	20
Chlorobenzene	20.00	20.02	100	80-120	0	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	114	80-137
Toluene-d8	99	80-120
Bromofluorobenzene	105	80-122

RPD= Relative Percent Difference

**Batch QC Report**

<b>Purgeable Halocarbons by GC/MS</b>			
Lab #:	208242	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:	QC473494	Batch#:	145558
Matrix:	Water	Analyzed:	12/03/08
Units:	ug/L		

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
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

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
1,2-Dichloroethane-d4	120	80-137
Toluene-d8	99	80-120
Bromofluorobenzene	105	80-122

ND= Not Detected

RL= Reporting Limit

**Batch QC Report**

<b>Purgeable Halocarbons by GC/MS</b>			
Lab #:	208242	Location:	Sausage Factory
Client:	Bureau Veritas North America	Prep:	EPA 5030B
Project#:	33104-004578.00	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	145592
Units:	ug/L	Analyzed:	12/04/08
Diln Fac:	1.000		

Type: BS Lab ID: QC473565

<b>Analyte</b>	<b>Spiked</b>	<b>Result</b>	<b>%REC</b>	<b>Limits</b>
1,1-Dichloroethene	20.00	20.71	104	73-133
Trichloroethene	20.00	21.23	106	80-120
Chlorobenzene	20.00	20.32	102	80-120

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
1,2-Dichloroethane-d4	100	80-137
Toluene-d8	101	80-120
Bromofluorobenzene	97	80-122

Type: BSD Lab ID: QC473566

<b>Analyte</b>	<b>Spiked</b>	<b>Result</b>	<b>%REC</b>	<b>Limits</b>	<b>RPD</b>	<b>Lim</b>
1,1-Dichloroethene	20.00	20.73	104	73-133	0	20
Trichloroethene	20.00	20.29	101	80-120	5	20
Chlorobenzene	20.00	19.74	99	80-120	3	20

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
1,2-Dichloroethane-d4	97	80-137
Toluene-d8	103	80-120
Bromofluorobenzene	100	80-122

RPD= Relative Percent Difference

**Batch QC Report**

<b>Purgeable Halocarbons by GC/MS</b>			
Lab #:	208242	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:	QC473567	Batch#:	145592
Matrix:	Water	Analyzed:	12/04/08
Units:	ug/L		

<b>Analyte</b>	<b>Result</b>	<b>RL</b>
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

<b>Surrogate</b>	<b>%REC</b>	<b>Limits</b>
1,2-Dichloroethane-d4	103	80-137
Toluene-d8	103	80-120
Bromofluorobenzene	95	80-122

ND= Not Detected

RL= Reporting Limit