6920 Koll Center Parkway
Suite 216
Pleasanton, CA 94566
925.426.2600
Fax 925.426.0106

Clayton GROUP SERVICES

August 1, 2005

Mr. Amir Gholami
Hazardous Materials Specialist
ALAMEDA COUNTY ENVIROMENTAL HEALTH
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Clayton Project No.70-04578.00

Subject: Second Quarter 2005 Groundwater Monitoring Results
Former Lemoine Sausage Factory
630 29th Avenue
Oakland, California

Dear Mr. Gholami:

Clayton Group Services is pleased to present the results of the Second Quarter 2005 groundwater monitoring event performed at 630 29th Avenue in Oakland, California.

If you have any comments or questions regarding the report, please do not hesitate to contact me at (925) 426-2626.

Sincerely,

Timothy G. Bodkin, C.E.G., R.E.A.
Senior Project Manager
Environmental Services
San Francisco Regional Office

TGB/tgb

cc: Bob Pender, AIG Technical Services
Donna Profitt, Bank of America
Rita Repko, Clayton Group Services

Clayton GROUP SERVICES

SECOND QUARTER 2005 GROUNDWATER MONITORING REPORT for the Former Lemoine Sausage Facility 630 29th Avenue Oakland, California

Clayton Project No. 70-04578.00
August 1, 2005

Prepared by:
CLAYTON GROUP SERVICES, INC.
6920 Koll Center Parkway
Suite 216
Pleasanton, California
925.426.2600

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1.0 INTRODUCTION

Clayton Group Services, Inc., (Clayton) has prepared the following Second Quarter 2005 Groundwater Monitoring Report for the former Lemoine Sausage Facility located at 630 29th Avenue in Oakland, California (Figure 1). The groundwater monitoring is performed pursuant to a request from Alameda County Environmental Health (ACEH) in their letter dated June 19, 1999. Groundwater monitoring is required due to past releases from a former gasoline underground storage tank (UST) previously located beneath the sidewalk adjacent to the subject property. The purpose of the groundwater monitoring is to document groundwater flow conditions and water quality beneath the site. Depth to groundwater measurements are made and groundwater samples are collected and analyzed for total petroleum hydrocarbons as gasoline (TPH-g) and associated compounds, including benzene, toluene, ethylbenzene and total xylenes (BTEX), and the former gasoline fuel additive 1,2-dichloroethane (1,2-DCA).

As directed by the ACEH, groundwater monitoring is being performed on a quarterly basis. This Second Quarter 2005 Groundwater Monitoring Report documents field activities, and presents data used to determine the groundwater elevation, gradient and groundwater quality at the site.

2.0 SITE DESCRIPTION AND HISTORY

A single 1,000-gallon gasoline UST and associated plumbing/piping were formerly located beneath the sidewalk along 7th Street immediately east of the subject building. The associated fuel dispenser was located in a "cubby hole" near the building's roll-up door. The UST and associated piping were removed on November 21, 1996 and confirmation soil samples were collected. A petroleum hydrocarbon sheen was noted on groundwater that collected in the tank excavation. Petroleum hydrocarbons were detected in the confirmation soil samples collected at the time of the UST removal.

Subsequent groundwater investigations were performed to define the vertical and lateral extent of petroleum hydrocarbons in groundwater. Ten (10) groundwater monitoring wells currently exist in the first encountered water bearing zone to monitor groundwater conditions around the site. First-encountered water beneath the site occurs in predominantly low permeability clayey and sandy silt. Analysis of groundwater samples for volatile organic compounds revealed several non-gasoline related halogenated volatile organic compounds (HVOCs) in wells located south and southwest of the former UST location. The source of non-gasoline related VOCs, which has not been identified, is most likely related to an off-site source.

3.0 GROUNDWATER MONITORING FIELD ACTIVITIES

Groundwater samples were collected from nine (9) of the ten (10) existing monitoring wells (MW-1, MW-2, MW-6, MW-8, MW-9, MW-10, MW-11, MW-12 and MW-13). One of the monitoring wells, MW-7, was inaccessible because the well was covered by a parked vehicle.

3.1. GROUNDWATER LEVEL MEASUREMENTS

On June 24, 2005, depth to water was measured in nine (9) of the ten (10) existing monitoring wells to determine the groundwater elevation and to estimate the groundwater flow direction and gradient. The wells were opened and allowed to stabilize prior to measuring the depth to water. Using an electronic water level probe, the depth to water in each well was measured from the surveyed reference elevation represented as a V-notch at the top of the casing (TOC) to the water surface within the well casing. By subtracting the measured depth to water from the TOC elevation in each monitoring well, the groundwater elevation at each monitoring point was calculated.

3.2. GROUNDWATER PURGING

Prior to collecting a groundwater sample from each monitoring well, approximately four (4) well casing volumes of water were removed with the exception of Wells MW-1 and MW-2. Monitoring wells MW-1 and MW-2 are constructed with ¾-inch diameter PVC well casings and eight monitoring wells (MW-6 through MW-13) are constructed with 2-inch diameter PVC well casings. 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 (reported in well construction details). The ¾-inch diameter wells were not purged because they did not contain sufficient water, and the 2-inch diameter wells were purged by hand bailing with a 1-liter Teflon bailer. Water quality parameters (pH, specific conductivity, and temperature) 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 the monitoring well.

Water-level measurements and well purging and sampling data for the Second Quarter 2005 monitoring event were recorded on Field Sampling Data Sheets presented in Appendix A. Groundwater purged from monitoring wells during sampling was stored onsite in sealed 55-gallon drums meeting U.S. Department of Transportation (USDOT) regulations and labeled with identifying information.

3.3 GROUNDWATER SAMPLING

Prior to collecting a groundwater sample from each monitoring well, the well casing was allowed to recharge to 80-percent of the pre-purged water volume. Groundwater samples for laboratory analyses were retrieved using either a peristaltic pump with polytubing or a new disposable bailer. The groundwater retrieved for analyses was transferred into appropriately sized and preserved laboratory supplied containers. Sample containers were sealed, labeled with identifying information, logged onto a chain-of-custody document, and temporarily stored in a chilled ice-chest for transport to the laboratory.

3.4 LABORATORY ANALYSES

Groundwater samples were submitted for analysis to Curtis and Tompkins, Ltd., Analytical Laboratories of Berkeley, California, a State of California certified laboratory.

The samples were analyzed by one or more of the following United States Environmental Protection Agency (USEPA) approved analytical methods:

- USEPA Method 8015B for Total Petroleum Hydrocarbons as Gasoline (TPH-g)
- USEPA Method 8021B for Aromatic Hydrocarbons (Benzene, Toluene, Ethylbenzene, and total Xylenes) (BTEX)
- USEPA Method 8260B for Halogenated Volatile Organic Compounds (HVOCs)

Certified analytical data sheets and chain-of-custody documentation for the Second Quarter 2005 groundwater sampling event are presented in Appendix B.

4.0 FINDINGS

4.1. GROUNDWATER FLOW CONDITIONS

A groundwater elevation map was generated by contouring lines of equal groundwater elevation between the known groundwater elevation data points. Groundwater depth ranged between 4.45 and 10.03 feet below the tops of well casings. Groundwater elevations ranged between 8.26 and 12.34 feet mean sea level. The direction of groundwater flow is inferred to be to the west-southwest at a gradient of 0.016 feet per foot (ft/ft). Historical depth to water measurements and groundwater elevation data are presented in Table 1. The Second Quarter 2005 groundwater elevation contour map is presented on Figure 2.

4.2. PETROLEUM AND AROMATIC HYDROCARBONS ANALYTICAL RESULTS

The frequency and range of petroleum hydrocarbons detected in groundwater samples are as follows:

- TPH-g was detected in 7 of 9 samples that ranged in concentration from 59 micrograms per liter (µg/L) to 54,000 µg/L.
- Benzene was detected in 5 of 9 samples that ranged in concentration from 63 µg/L to 16,000 µg/L.
- Toluene was detected in 3 of 9 samples that ranged in concentration from 450 µg/L to 1,200 µg/L.
- Ethylbenzene was detected in 5 of 9 samples that ranged in concentration from 25 µg/L to 1,300 µg/L.
- Total xylenes were detected in 4 of 9 samples that ranged in concentration from 4.3 µg/L to 5,200 µg/L.

A summary of petroleum hydrocarbons and HVOCs detected in groundwater samples is presented in Table 2. The concentrations of TPH-g and benzene detected in groundwater

samples and isoconcentration contours for the Second Quarter 2005 monitoring event are presented on Figures 3 and 4, respectively.

4.3. HALOGENATED VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS

The frequency and range of VOCs detected in groundwater samples are as follows:

- 1,2-Dichloroethane (1,2-DCA) was not detected in any of the wells sampled.
- Trichloroethene (TCE) was detected in 2 of 9 samples tested (MW-12 at 120 µg/L and MW-13 at 42 µg/L).
- Cis-1,2-Dichloroethene (cis-1,2-DCE) was detected in 3 of 9 samples tested (MW-8 at 770 µg/L, MW-12 at 31 µg/L, and MW-13 at 150 µg/L).
- Trans-1,2-Dichloroethene (trans-1,2-DCE) was detected in 3 of 9 samples tested (MW-8 at 29 µg/L, MW-12 at 39 µg/L, and MW-13 at 36 µg/L).
- Vinyl Chloride (VC) was detected in 2 of 9 samples tested (MW-8 at 51 µg/L and MW-13 at 16 µg/L).

The concentrations of TCE and cis 1,2-DCE detected in groundwater samples for the Second Quarter 2005 monitoring event are presented in Figure 5.

5.0 CONCLUSIONS

The groundwater flow direction and gradient for the Second Quarter 2005 monitoring event appear to be relatively consistent with those estimated during previous monitoring events. TPH-g and BTEX detected in groundwater appear to be within observed historic concentration ranges. The highest concentrations of TPH-g and benzene were detected in Wells MW-2 and MW-9, which are located within the central portion of the subject building and downgradient of the former UST location. Wells MW-6, MW-7, and MW-10 define the northern, western, and eastern edge of the hydrocarbon plume.

Halogenated VOCs detected in groundwater during this monitoring event include TCE and associated degradation compounds (cis-1,2-DCE, trans-1,2-DCE, and VC). VOC concentrations were detected in Wells MW-8, MW-12, and MW-13, which are located downgradient from the former UST location. This suite of VOCs and the apparent changes in concentrations indicate that natural degradation of TCE is occurring. The source of the VOCs is unknown and appears to be originating from an off-site area. The source of the VOCs does not appear to be related to the UST release.

Report reviewed by: _____

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

REGISTERED GEOLOGIST
TIMOTHY G. BODKIN
No. 1551
CERTIFIED ENGINEERING GEOLOGIST
STATE OF CALIFORNIA

August 1, 2005

Clayton GROUP SERVICES

Table 1
Summary of Groundwater Elevation Data
Former Lemoine Sausage Facility
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	6/24/2005	16.69	4.45	12.24
	3/22/2005		3.44	13.25
	12/16/2004		4.40	12.29
	9/15/2004		NM	
	6/23/2004		5.96	10.73
	4/6/2004		3.57	13.12
	12/16/2003		NM	
	9/26/2003		6.88	9.81
	6/24/2003		5.29	11.40
	3/28/2003		4.44	12.25
	12/16/2002		3.91	12.78
	9/11/2002		6.17	10.52
	6/28/2002		5.61	11.08
	3/25/2002		2.77	13.92
	12/3/2001		4.17	12.52
	9/25/2001		6.76	9.93
	6/20/2001		5.85	10.84
	3/21/2001		4.29	12.40
	12/19/2000		5.50	11.19
	9/22/2000		6.30	10.39
	6/15/2000		4.82	11.87
	2/8/1999		3.60	13.09
MW-2	6/24/2005	20.79	10.03	10.76
	3/22/2005		9.26	11.53
	12/16/2004		NM	
	9/15/2004		10.94	9.85
	6/23/2004		11.60	9.19
	4/6/2004		9.40	11.39
	12/16/2003		11.50	9.29
	9/26/2003		11.20	9.59
	6/24/2003		10.24	10.55
	3/28/2003		10.27	10.52
	12/16/2002		11.15	9.64
	9/11/2002		10.89	9.90
	6/28/2002		10.65	10.14
	3/25/2002		9.21	11.58
	12/3/2001		11.13	9.66
	9/25/2001		11.78	9.01
	6/20/2001		10.92	9.87
	3/21/2001		10.01	10.78
	12/19/2000		11.38	9.41
	9/22/2000		11.49	9.30
	6/15/2000		10.46	10.33
	2/8/1999		14.20	6.59

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Table 1
Summary of Groundwater Elevation Data
Former Lemoine Sausage Facility
630 29th Avenue
Oakland, California

Well Identification	Date Measured	Top of Casing Elevation (ft,msl)	Depth to Water (feet)	Groundwater Elevation (ft,msl)
MW-3	Removed from monitoring program in October 2001			
	9/25/2001	21.10	10.74	10.36
	6/20/2001		10.14	10.96
	3/21/2001		8.95	12.15
	12/19/2000		9.72	11.38
	9/22/2000		15.30	5.80
	6/15/2000		10.56	10.54
	2/8/1999		7.45	13.65
MW-4	Removed from monitoring program in October 2001			
	9/25/2001	17.78	7.40	10.38
	6/20/2001		6.78	11.00
	3/21/2001		5.77	12.01
	12/19/2000		6.40	11.38
	9/22/2000		6.90	10.88
	6/15/2000		6.30	11.48
	2/8/1999		4.13	13.65
MW-5	Removed from monitoring program in October 2001			
	9/25/2001	21.12	10.34	10.78
	6/20/2001		9.90	11.22
	3/21/2001		8.68	12.44
	12/19/2000		9.99	11.13
	9/22/2000		9.99	11.13
	6/15/2000		10.36	10.76
	2/8/1999		7.62	13.50
MW-6	6/24/2005	16.60	4.84	11.76
	3/22/2005		3.63	12.97
	12/16/2004		4.56	12.04
	9/15/2004		6.56	10.04
	6/23/2004		5.76	10.84
	4/6/2004		4.85	11.75
	12/16/2003		4.99	11.61
	9/26/2003		6.70	9.90
	6/24/2003		5.52	11.08
	3/28/2003		NM	
	12/16/2002		3.93	12.67
	9/11/2002		5.43	11.17
	6/28/2002		5.83	10.77
	3/25/2002		3.93	12.67
	12/3/2001		4.72	11.88
	9/25/2001		6.68	9.92
	6/20/2001		6.13	10.47
	3/21/2001		4.70	11.90
	12/19/2000		5.93	10.67
	9/22/2000		6.54	10.06
	6/15/2000		5.47	11.13

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Table 1
Summary of Groundwater Elevation Data
Former Lemoine Sausage Facility
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	6/24/2005	15.47	NM	
	3/22/2005		NM	
	12/16/2004		5.15	10.32
	9/15/2004		6.70	8.77
	6/23/2004		6.20	9.27
	4/6/2004		5.60	9.87
	12/16/2003		5.68	9.79
	9/26/2003		7.22	8.25
	6/24/2003		6.13	9.34
	3/28/2003		5.68	9.79
	12/16/2002		5.01	10.46
	12/17/2002		6.95	8.52
	12/18/2002		6.94	8.53
	12/19/2002		6.04	9.43
	12/20/2002		6.48	8.99
	12/21/2002		7.25	8.22
	12/22/2002		6.90	8.57
	12/23/2002		5.53	9.94
	12/24/2002		7.20	8.27
	12/25/2002		7.51	7.96
	12/26/2002		6.40	9.07
MW-8	6/24/2005	17.58	6.77	10.81
	3/22/2005		5.54	12.04
	12/16/2004		5.61	11.97
	9/15/2004		8.52	9.06
	6/23/2004		7.98	9.60
	4/6/2004		6.74	10.84
	12/16/2003		6.69	10.89
	9/26/2003		8.71	8.87
	6/24/2003		7.44	10.14
	3/28/2003		6.62	10.96
	12/16/2002		5.63	11.95
	9/11/2002		8.40	9.18
	6/28/2002		7.71	9.87
	3/25/2002		5.40	12.18
	12/3/2001		6.58	11.00
	9/25/2001		8.89	8.69
	6/20/2001		7.96	9.62
	3/21/2001		6.40	11.18
	12/19/2000		7.71	9.87
	9/22/2000		8.33	9.25
	6/15/2000		7.14	10.44

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Table 1
Summary of Groundwater Elevation Data
Former Lemoine Sausage Facility
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	6/24/2005	17.61	6.05	11.56
	3/22/2005		5.31	12.30
	12/16/2004		5.73	11.88
	9/15/2004		7.14	10.47
	6/23/2004		7.80	9.81
	4/6/2004		5.97	11.64
	12/16/2003		6.76	10.85
	9/26/2003		8.14	9.47
	6/24/2003		6.42	11.19
	3/28/2003		6.08	11.53
	12/16/2002		6.58	11.03
	9/11/2002		6.91	10.70
	6/28/2002		7.71	9.90
	3/25/2002		4.98	12.63
	12/3/2001		5.79	11.82
MW-10	6/24/2005	16.92	4.58	12.34
	3/22/2005		3.56	13.36
	12/16/2004		4.45	12.47
	9/15/2004		6.86	10.06
	6/23/2004		5.96	10.96
	4/6/2004		4.54	12.38
	12/16/2003		4.94	11.98
	9/26/2003		6.98	9.94
	6/24/2003		5.40	11.52
	3/28/2003		4.54	12.38
	12/16/2002		3.74	13.18
	9/11/2002		6.16	10.76
	6/28/2002		5.65	11.27
	3/25/2002		3.00	13.92
	12/3/2001		4.22	12.70
MW-11	6/24/2005	14.87	5.41	9.46
	3/22/2005		4.20	10.67
	12/16/2004		4.69	10.18
	9/15/2005		6.45	8.42
	6/23/2004		5.68	9.19
	4/6/2004		5.49	9.38
	12/16/2003		5.61	9.26
	9/26/2003		7.16	7.71
	6/24/2003		5.86	9.01
	3/28/2003		5.17	9.70
	12/16/2002		3.92	10.95
	9/11/2002		6.91	7.96
	6/28/2002		6.35	8.52
	3/25/2002		4.68	10.19
	12/3/2001		5.67	9.20

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Table 1
Summary of Groundwater Elevation Data
Former Lemoine Sausage Facility
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	6/24/2005	14.05	4.9	9.15
	3/22/2005		3.50	10.55
	12/16/2004		4.34	9.71
	9/15/2004		6.43	7.62
	6/23/2004		5.78	8.27
	4/6/2004		5.04	9.01
	12/16/2003		4.99	9.06
	9/26/2003		6.94	7.11
	6/24/2003		5.73	8.32
	3/28/2003		5.08	8.97
	12/16/2002		4.94	9.11
	9/11/2002		6.82	7.23
	6/28/2002		6.13	7.92
MW-13	6/24/2005	13.39	5.13	8.26
	3/22/2005		4.86	8.53
	12/16/2004		4.69	8.70
	9/15/2004		6.63	6.76
	6/23/2004		6.12	7.27
	4/6/2004		5.35	8.04
	12/16/2003		5.01	8.58
	9/26/2003		6.99	6.40
	6/24/2003		5.99	7.40
	3/28/2003		5.34	8.05
	12/16/2002		3.90	9.49
	9/11/2002		6.66	6.73
	6/28/2002		6.21	7.18

Notes:

1. All top of casing elevations referenced to mean sea level (msl) and surveyed with reference to the benchmark located at Peterson Street and East 7th Street.
2. NM = Not Measured

Table 2
Summary of Groundwater Analytical Results
Former Lemoine Sausage Facility
630 29th Avenue, Oakland, California

Sample Location	Date Sampled	TPH-g ug/L	MTBE ug/L	Benzene ug/L	Toluene ug/L	Ethyl benzene ug/L	Total Xylenes ug/L	1,2-DCA ug/L	TCE ug/L	cis-1,2-DCE ug/L	trans-1,2-DCE ug/L	VC ug/L
MW-1	6/24/2005	12,000	NA	2,400	450	470	940	<3.6	<3.6	<3.6	<3.6	<3.6
	3/22/2005	19,000	NA	2,400	960	530	1,330	<3.6	<3.6	<3.6	<3.6	<3.6
	12/16/2004	1,800	NA	260	89	32	119	<2.5	<2.5	<2.5	<2.5	<2.5
	9/15/2004	Not Sampled										
	6/23/2004	25,000	NA	2,700	1,700	680	2,300	<2.5	<2.5	<2.5	<2.5	<2.5
	4/6/2004	18,000	NA	2,400	1,300	550	1,730	<2.0	<2.0	<2.0	<2.0	<2.0
	12/16/2003	Not Sampled										
	9/26/2003	11,000	NA	1,200	960	370	1,600	<1.0	<1.0	<1.0	<1.0	<1.0
	6/24/2003	14,000	NA	2,400	1,400	500	2,100	<4.2	<4.2	<4.2	<4.2	<4.2
	3/28/2003	20,000	NA	2,700	1,500	650	2,300	<3.6	<3.6	<3.6	<3.6	<3.6
	12/16/2002	20,000	NA	2,800	490	500	2,300	<4.2	<4.2	<4.2	<4.2	<4.2
	9/11/2002	27,000	NA	3,200	1,900	720	3,500	<4.2	<4.2	<4.2	<4.2	<4.2
	6/28/2002	26,000	NA	3,200	1,800	640	2,900	<3.1	<3.1	<3.1	<3.1	<3.1
	3/25/2002	11,000	NA	3,200	1,200	73	1,860	<5	<5	<5	<5	<5
	12/3/2001	15,000	NA	2,800	1,200	310	1,660	<3.1	<3.1	<3.1	<3.1	<3.1
	9/26/2001	16,000	NA	1,100	130	< 10	320	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
	6/21/2001	12,000	NA	2,000	880	180	1,180	3.0	<0.5	<0.5	<0.5	<0.5
	3/21/2000	21,000	NA	3,200	1,700	290	2,600	<2.5	<2.5	<2.5	<2.5	<2.5
	12/19/2000	25,000	NA	3,200	1,900	480	3,300	<2.5	<2.5	<2.5	<2.5	<2.5
	9/22/2000	25,000	<500	3,100	1,800	470	3,600	NA	NA	NA	NA	NA
	6/15/2000	29,000	NA	3,900	<100	1,900	4,200	<5.0	<5.0	<5.0	<5.0	<5.0
	2/8/1999	48,000	NA	3,900	6,300	970	4,300	<30	NA	NA	NA	NA
MW-2	6/24/2005	31,000	NA	12,000	1,200	810	1,380	<20	<20	<20	<20	<20
	3/22/2005	42,000	NA	9,900	1,200	1,200	2,530	<17	<17	<17	<17	<17
	12/16/2004	Not Sampled										
	9/15/2004	46,000	NA	13,000	1,300	1,400	2,710	<17	<17	<17	<17	<17
	6/23/2004	33,000	NA	8,200	1,800	870	1,930	<17	<17	<17	<17	<17
	4/6/2004	27,000	NA	7,600	1,700	630	1,420	<10	<10	<10	<10	<10
	12/16/2003	22,000	NA	10,000	2,700	1,200	2,920	<25	<25	<25	<25	<25
	9/26/2003	20,000	NA	10,000	2,100	960	2,520	<17	<17	<17	<17	<17
	6/24/2003	19,000	NA	10,000	1,700	1,100	2,530	<13	<13	<13	<13	<13
	3/28/2003	30,000	NA	9,300	920	930	2,000	14	<13	<13	<13	<13
	12/16/2002	6,000	NA	1,600	410	150	402	2.7	4.5	69	6.9	<2.5
	9/11/2002	23,000	NA	6,600	1,000	600	1,320	10	<6.3	<6.3	<6.3	<6.3
	6/28/2002	8,400	NA	2,200	680	21	220	8.8	<3.1	<3.1	<3.1	<3.1
	3/25/2002	21,000	NA	11,000	3,700	1,000	2,790	<17	<17	<17	<17	<17
	12/3/2001	45,000	NA	13,000	5,100	950	2,930	14	<7.1	<7.1	<7.1	<7.1
	9/26/2001	26,000	NA	12,000	3,900	590	1,960	11	< 10	< 10	< 10	< 10
	6/21/2001	30,000	NA	8,600	2,600	440	1,230	5.6	<0.5	<0.5	<0.5	<0.5
	3/23/2001	34,000	NA	10,000	3,200	410	1,220	14	<13	<13	<13	<13
	12/19/2000	43,000	NA	9,800	4,000	810	2,430	21	<13	<13	<13	<13
	9/22/2000	24,000	<500	10,000	2,700	370	1,200	NA	NA	NA	NA	NA
	6/29/2000	31,000	NA	11,000	930	4,400	250	25	<5.0	<5.0	<5.0	<5.0
	2/8/1999	41,000	NA	11,000	4,900	650	1,720	60	NA	NA	NA	NA

Clayton GROUP SERVICES

Table 2
Summary of Groundwater Analytical Results
Former Lemoine Sausage Facility
630 29th Avenue, Oakland, California

Sample Location	Date Sampled	TPH-g ug/L	MTBE ug/L	Benzene ug/L	Toluene ug/L	Ethyl benzene ug/L	Total Xylenes ug/L	1,2-DCA ug/L	TCE ug/L	cis-1,2-DCE ug/L	trans-1,2-DCE ug/L	VC ug/L
MW-3	Removed from sampling program in October 2001											
	9/26/2001	59,000	NA	12,000	13,000	780	3,680	990	< 8.3	< 8.3	< 8.3	< 8.3
	6/21/2001	34,000	NA	5,900	6,200	340	1,550	120	2.4	0.8	<0.5	<0.5
	3/22/2001	1,300	NA	98	67	51	104	2.3	<0.5	<0.5	<0.5	<0.5
	12/19/2000	50,000	NA	1,200	1,600	510	1,810	350	<8.3	<8.3	<8.3	<8.3
	9/22/2000	83,000	<1,000	16,000	20,000	1,300	7,000	NA	NA	NA	NA	NA
	6/29/2000	39,000	NA	7,800	630	8,000	3,400	600	<5.0	<5.0	<5.0	<5.0
	2/8/1999	35,000	NA	1,200	3,400	1,400	4,900	<30	NA	NA	NA	NA
MW-4	Removed from sampling program in October 2001											
	9/26/2001	17,000	NA	7,900	< 50	440	581	1.9	< 0.5	8.1	< 0.5	< 0.5
	6/21/2001	11,000	NA	2,300	26	570	641	1.4	<0.5	3.3	<0.5	<0.5
	3/22/2001	5,600	NA	1,100	13	310	303	<0.5	<0.5	1.6	<0.5	<0.5
	12/19/2000	2,200	NA	200	2.9	100	81.4	<0.5	<0.5	<0.5	<0.5	<0.5
	9/22/2000	12,000	<500	2,800	82	1,100	1,300	NA	NA	NA	NA	NA
	6/15/2000	2,300	NA	230	<5	10	94	0.88	<0.5	2.1	<0.5	<0.5
	2/8/1999	15,000	NA	670	90	780	940	<30	NA	NA	NA	NA
MW-5	Removed from sampling program in October 2001											
	9/26/2001	5,100	NA	2,400	1,200	< 10	460	22	< 3.6	< 3.6	< 3.6	< 3.6
	6/21/2001	18,000	NA	3,400	2,300	350	1,020	21	<0.5*[3]	<0.5	<0.5	<0.5
	3/22/2001	6,200	NA	1,500	360	310	288	3.3	<0.5	<0.5	<0.5	<0.5
	12/19/2000	21,000	NA	3,200	1,100	1,100	1,300	15	<4.2	<4.2	<4.2	<4.2
	9/27/2000	16,000	<500	4,300	3,100	420	1,600	NA	NA	NA	NA	NA
	6/29/2000	3,900	NA	1,500	28	330	260	36	<0.5	<0.5	<0.5	<0.5
	2/8/1999	4,900	NA	780	440	230	370	<0.5	<0.5	<0.5	<0.5	<0.5
MW-6	6/24/2005	91	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/22/2005	420	NA	< 0.5	< 0.5	< 0.5	0.95	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/16/2004	240	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/15/2004	<50	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5*[13]	<0.5	<0.5	<0.5	<0.5
	6/23/2004	63	NA	< 0.5	< 0.5	< 0.5	< 0.5	0.8	<0.5	<0.5	<0.5	<0.5
	4/6/2004	260	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5*[12]	<0.5	<0.5	<0.5	<0.5
	12/16/2003	<50	NA	< 0.5	< 0.5	< 0.5	0.88	< 0.5	1.7	0.6	<0.5	<0.5
	9/26/2003	<50	NA	< 0.5	< 0.5	< 0.5	< 0.5	0.7*[4]	< 0.5	< 0.5	< 0.5	< 0.5
	6/24/2003	130	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/28/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/16/2002	62	NA	< 0.5	0.54	3.0	8.39	1.0*[4]	0.7	< 0.5	< 0.5	< 0.5
	9/11/2002	120	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5*[4]	< 0.5	< 0.5	< 0.5	< 0.5
	6/28/2002	120	NA	< 0.5	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5	< 0.5
	3/25/2002	1,200	NA	22	8.0	5.7	13.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/3/2001	72	NA	< 0.5	< 0.5	< 0.5	<0.5	1.6*[5]	< 0.5	< 0.5	< 0.5	< 0.5
	9/25/2001	760	NA	< 0.5	< 0.5	< 0.5	2.9	< 0.5*[4]	< 0.5	< 0.5	< 0.5	< 0.5
	6/21/2001	420	NA	< 0.5	< 0.5	0.59	1.00	0.9	< 0.5	< 0.5	< 0.5	< 0.5
	3/21/2001	820	NA	< 0.5	< 0.5	1.4	0.52	< 0.5*[2]	< 0.5	< 0.5	< 0.5	< 0.5
	12/19/2000	320	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5*[1]	< 0.5	< 0.5	< 0.5	< 0.5
	9/22/2000	71	<5	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA
	6/15/2000	1,100	NA	3.8	2.2	2.1	4.8	0.78	< 0.5	< 0.5	< 0.5	< 0.5

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MW-7	6/24/2005	Not Sampled										
	3/22/2005	Not Sampled										
	12/16/2004	<50	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/15/2004	<50	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/23/2004	<50	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	4/6/2004	<50	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/16/2003	<50	NA	< 0.5	< 0.5	< 0.5	0.75	< 0.5	1.8	0.6	< 0.5	< 0.5
	9/26/2003	<50	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/24/2003	<50	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/28/2003	<50	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/16/2002	<50	NA	< 0.5	< 0.5	1.6	3.7	<0.5	0.5	<0.5	<0.5	<0.5
	9/11/2002	<50	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/28/2002	<50	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/25/2002	<50	NA	0.56	0.75	<0.5	0.69	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/3/2001	82	NA	24	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/25/2001	< 50	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/21/2001	<50	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/21/2001	160	NA	59	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/19/2000	<50	NA	1.6	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/22/2000	<50	<5	2	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA
	6/15/2000	1,000	NA	250	< 10	<10	16	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MW-8	6/24/2005	1,400	NA	100	<1.0	37	<1.0	<5.0	<5.0	770	29	51
	3/22/2005	1,700	NA	120	<1.0	9.8	<1.0	<3.6	<3.6	620	27	38
	12/16/2004	3,800	NA	450	<0.5	75	6.5	<8.3	<8.3	1,500	60	86
	9/15/2004	4,900	NA	710	<1.0	100	<1.0	<7.1	<7.1	1,200	49	100
	6/23/2004	4,600	NA	570	2.9	100	1.5	<8.3	<8.3	1,300	50	80
	4/6/2004	3,800	NA	420	<0.5	53	1.2	3.7	4.4	1,100	39	58
	12/16/2003	1,100	NA	310	<2.5	14	<2.5	4.3	12	1,200	53	110
	9/26/2003	1,300	NA	280	3.9	38	0.85	<3.6	20	890	49	47
	6/24/2003	3,300	NA	520	<0.5	58	0.63	3.7	6.4	1,000	49	61
	3/28/2003	1,500	NA	400	<0.5	50	0.62	<2.5	3.5	700	39	41
	12/16/2002	95	NA	26	<0.5	1	<0.5	2.2	17	330	36	4.7
	9/11/2002	2,000	NA	390	1.6	39	<1.0	<3.6	17	1,000	60	91
	6/28/2002	2,200	NA	410	<1.0	40	<1.0	4.9	18	900	54	80
	3/25/2002	990	NA	280	7.2	1.4	6.8	3.6	10	790	33	49
	12/3/2001	1,200	NA	190	14	2.7	11.3	<2.5	100	650	44	31
	9/25/2001	1,500	NA	170	4.3	1.6	2.7	5.0	36	820	59	53
	6/21/2001	2,400	NA	490	<2.5	29	<2.5	4.9	28	910	48	75
	3/21/2001	3,500	NA	530	<2.5	21	<2.5	<3.6	32	760	39	58
	12/19/2000	2,700	NA	410	<2.5	4.8	<2.5	9.1	130	1,000	67	48
	9/22/2000	1,800	<25	340	<2.5	<2.5	<2.5	NA	NA	NA	NA	NA
	6/15/2000	5,400	NA	150	<5	8.9	8.7	<13	210	1,100	73	25

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Sample Location	Date Sampled	TPH-g ug/L	MTBE ug/L	Benzene ug/L	Toluene ug/L	Ethyl benzene ug/L	Total Xylenes ug/L	1,2-DCA ug/L	TCE ug/L	cis-1,2-DCE ug/L	trans-1,2-DCE ug/L	VC ug/L
MW-9	6/24/2005	54,000	NA	16,000	780	1,300	5,200	<20	<20	<20	<20	<20
	3/22/2005	66,000	NA	13,000	2,000	1,200	5,800	<17	<17	<17	<17	<17
	12/16/2004	63,000	NA	15,000	1,700	1,300	5,900	<20	<20	<20	<20	<20
	9/15/2004	76,000	NA	17,000	2,200	1,500	6,600	<20	<20	<20	<20	<20
	6/23/2004	53,000	NA	12,000	2,600	1,100	4,800	<20	<20	<20	<20	<20
	4/6/2004	60,000	NA	14,000	3,100	1,300	5,500	<17	<17	<17	<17	<17
	12/16/2003	34,000	NA	14,000	4,900	940	4,700	<42	<42	<42	<42	<42
	9/26/2003	34,000	NA	12,000	5,600	880	4,700	<17	<17	<17	<17	<17
	6/24/2003	45,000	NA	15,000	9,600	1,100	5,200	10	<5	<5	<5	<5
	3/28/2003	61,000	NA	13,000	8,600	860	4,800	<20	<20	<20	<20	<20
	12/16/2002	29,000	NA	5,500	3,900	300	1,860	8.9	<5	<5	<5	<5
	9/11/2002	57,000	NA	8,300	6,100	340	4,700	18	<10	<10	<10	<10
	6/28/2002	60,000	NA	5,800	7,400	1,100	5,400	<13	<13	<13	<13	<13
	3/25/2002	71,000	NA	15,000	17,000	1,900	8,000	<31	<31	<31	<31	<31
	12/3/2001	90,000	NA	15,000	15,000	2,200	9,100	<10	<10	<10	<10	<10
MW-10	6/24/2005	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/22/2005	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/16/2004	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/15/2004	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/23/2004	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	4/6/2004	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/16/2003	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5
	9/26/2003	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/24/2003	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/28/2003	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/16/2002	<50	NA	<0.5	0.65	3.0	7.53	<0.5	0.8	<0.5	<0.5	<0.5
	9/11/2002	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/28/2002	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/25/2002	51	NA	2.5	3.6	0.53	2.27	<0.5	<0.5	<0.5	<0.5	<0.5
	12/3/2001	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-11	6/24/2005	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/22/2005	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/16/2004	<50	NA	1.3	<0.5	<0.5	0.59	<0.5	<0.5	<0.5	<0.5	<0.5
	9/15/2004	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/23/2004	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	4/6/2004	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/16/2003	91	NA	4.7	<0.5	<0.5	0.51	<0.5	2.9	0.9	0.6	<0.5
	9/26/2003	<50	NA	1.2	0.69	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/24/2003	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/28/2003	<50	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/16/2002	160	NA	42	0.89	4.8	11.1	<0.5	3.6	1.1	<0.5	<0.5
	9/11/2002	120	NA	66	<0.5	0.74	<0.5	<0.5	<0.5	0.6	<0.5	<0.5
	6/28/2002	<50	NA	7.7	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5
	3/25/2002	130	NA	11	20	3.3	14.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/3/2001	1,600	NA	470	<0.5	3.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

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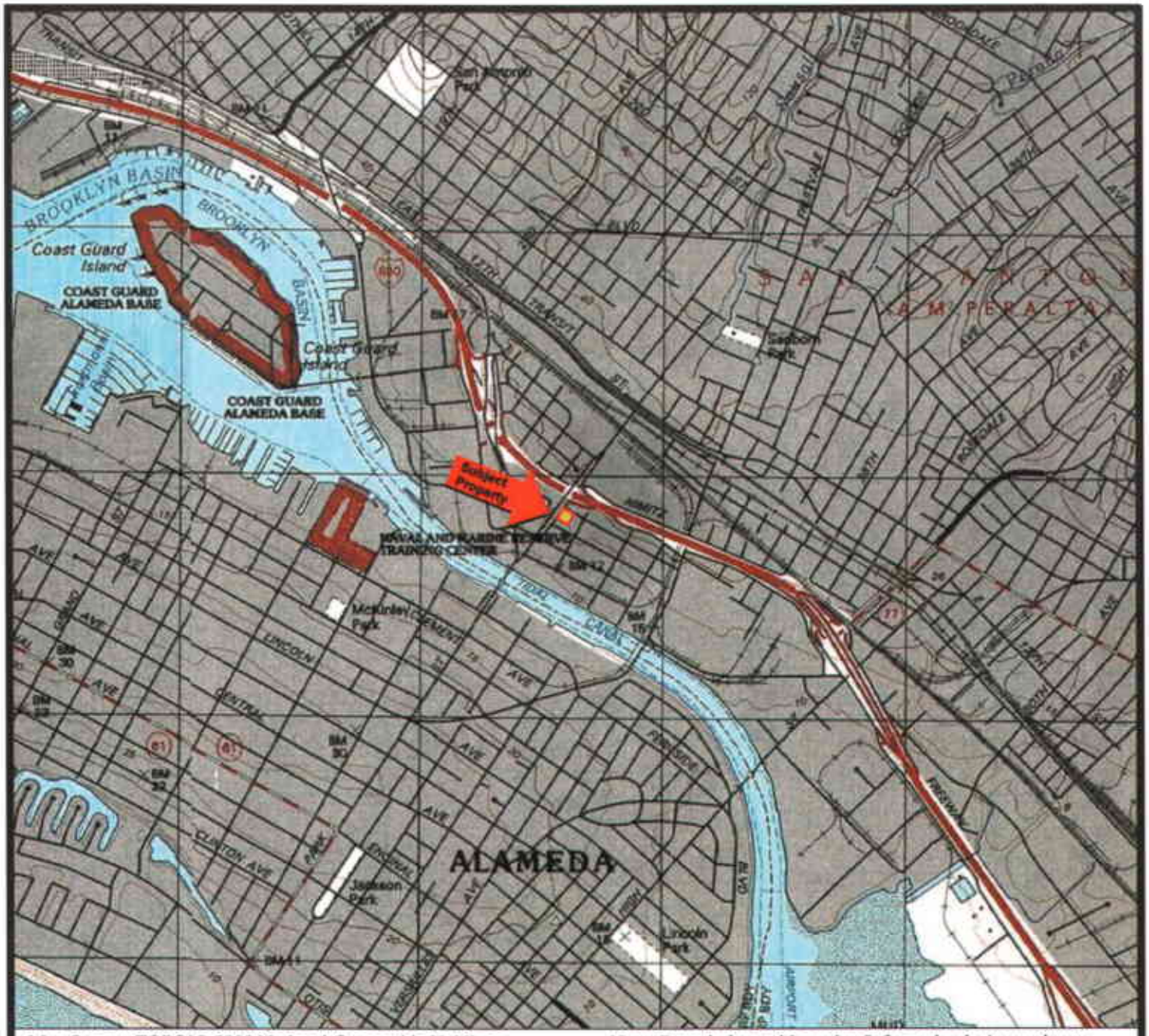
MW-12	6/24/2005	59	NA	<0.5	<0.5	<0.5	<0.5	<1.0	120	31	39	<1.0
	3/22/2005	61	NA	<0.5	<0.5	<0.5	<0.5	<0.5	95	26	42	<0.5
	12/16/2004	110	NA	0.94	<0.5	<0.5	<0.5	<2.0	240	80	77	<2.0
	9/15/2004	130	NA	<0.5	<0.5	<0.5	<0.5	<1.7	290	73	83	<1.7
	6/23/2004	99	NA	<0.5	<0.5	<0.5	<0.5	<0.5	200	65	74	<0.5
	4/6/2004	76	NA	<0.5	<0.5	<0.5	<0.5	<0.5	160	49	54	<0.5
	12/16/2003	120	NA	<0.5	<0.5	<0.5	0.65	<0.5	140	44	44	<0.5
	9/26/2003	230	NA	2.9	1.1	3.8	6.71	<0.7	210	60	63	<0.7
	6/24/2003	140	NA	<0.5	<0.5	<0.5	<0.5	<1.0	220	58	66	<1.0
	3/28/2003	110	NA	<0.5	<0.5	<0.5	<0.5	<0.7	190	53	53	0.9
	12/16/2002	130	NA	<0.5	0.9	4.2	9.9	<0.5	200	57	60	0.9
	9/11/2002	89	NA	<0.5	<0.5	<0.5	<0.5	<0.5	180	46	51	0.9
	6/28/2002	71	NA	<0.5	<0.5	<0.5	<0.5	<0.5	170	42	47	0.9
MW-13	6/24/2005	2,600	NA	63	<0.5	25	4.3	<1.0	42	150	36	16
	3/22/2005	3,000	NA	24	<0.5	20	7.6	<0.5	72	120	23	6.6
	12/16/2004	4,300	NA	61	<0.5	44	11.5	<2.0	69	240	32	15
	9/15/2004	6,700	NA	84	<1.0	78	7.2	<1.7	37*16	300	40	31
	6/23/2004	7,000	NA	140	25	88	21	<2.0	53*14	350	31	25
	4/6/2004	3,300	NA	22	<1.0	37	9.0	<0.5	90*11	190	23	8
	12/16/2003	8,100	NA	120	36	72	26.6	<0.7	66*10	240	23	10
	9/26/2003	7,200	NA	150	<1.0	89	57	<1.0	51*8	270	23	5.1
	6/24/2003	8,300	NA	100	<0.5	94	12	<1.0	68*9	250	19	4.2
	3/28/2003	4,400	NA	55	<0.5	51	14.3	<0.5	85*8	150	13	1.8
	12/16/2002	4,800	NA	90	<0.5	85	24	<0.5	76	250	9.4	1.8
	9/11/2002	4,500	NA	58	7.5	150	14	<0.5	63*7	410	13	<1.3
	6/28/2002	5,600	NA	120	55	130	9.5	<0.5	61*6	430	14	4.4

Notes:

1. All results in micrograms per liter (µg/L).
2. NA = Not Analyzed.
3. NS = Not Sampled
4. 1,2-DCA = 1,2-Dichloroethane.
5. TPH-g = Total Petroleum Hydrocarbons as Gasoline.
6. MTBE = methyl tert-butyl ether.
7. trans-1,2-DCE = trans-1,2-Dichlororethene
8. cis-1,2-DCE = cis-1,2-Dichlororethene
9. TCE = Trichlororethene.
10. DCE = Dichlororethene.
11. DCA = Dichlororethane.
12. VC= Vinyl Chloride.

*1 1,1-DCA detected at 1.1 µg/L.
*2 1,1-DCA detected at 0.9 µg/L.
*3 Freon -11 detected at 0.6 µg/L.
*4 1,1-DCA detected at 0.9 µg/L
*5 1,1-DCA detected at 0.7 µg/L
*6 1,1-DCE detected at 4.7 µg/L
*7 1,1-DCE detected at 5.2 µg/L
*8 1,1-DCE detected at 1.9 µg/L
*9 1,1-DCE detected at 2.8 µg/L
*10 1,1-DCE detected at 1.8 µg/L
*11 1,1-DCE detected at 1.1 µg/L
*12 1,1-DCA detected at 0.5 µg/L.
*13 1,1-DCE detected at 0.8 µg/L
*14 1,1-DCE detected at 2.8 µg/L
*15 1,1-DCA detected at 0.6 µg/L
*16 1,1-DCE detected at 2.1 µg/L



Map Source: TOPO!© 2000 National Geographic Holdings

Note: Boundaries and Location Information is Approximate

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

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

N

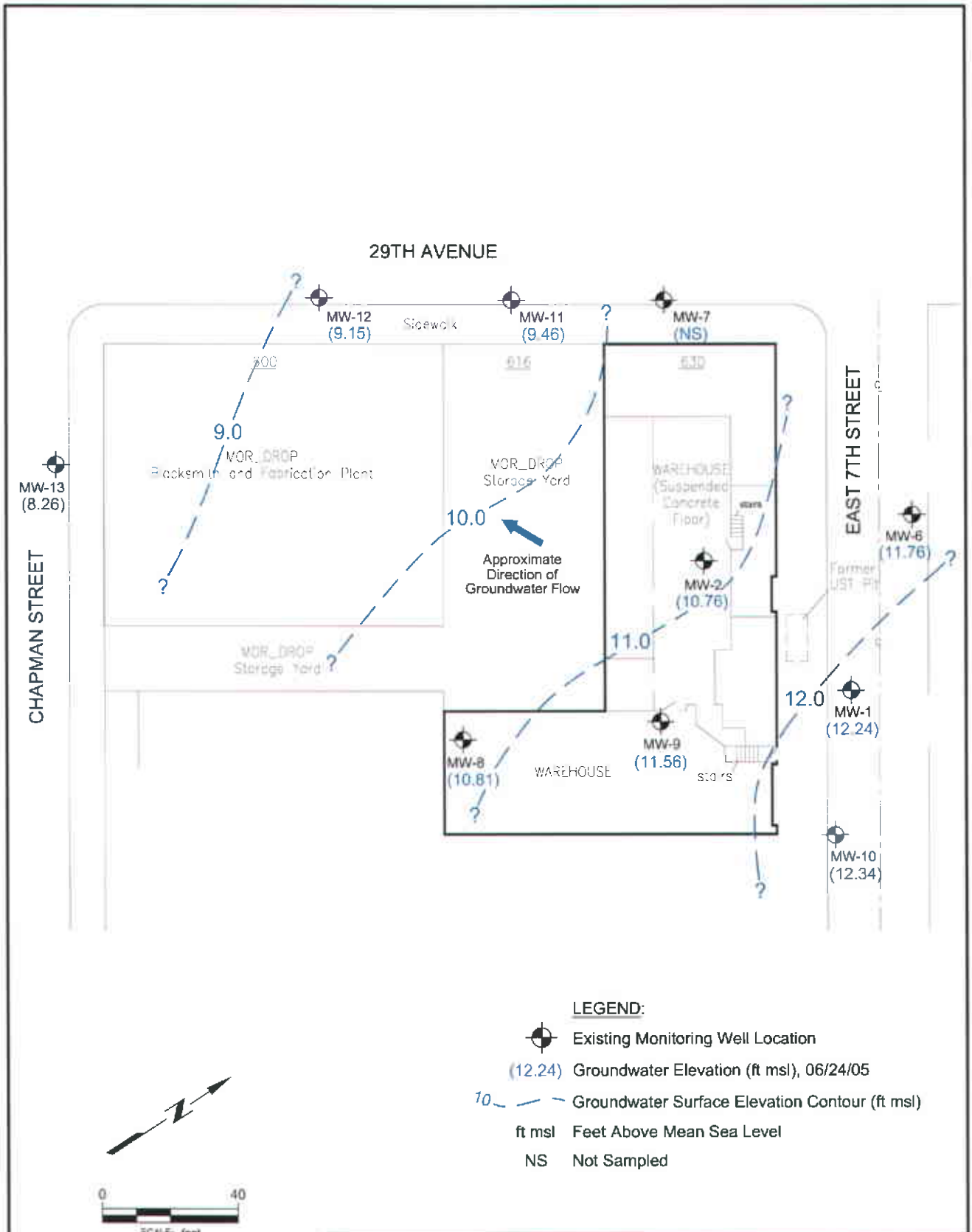
CALIF

QUADRANGLE LOCATION

PROPERTY LOCATION MAP
Former Lemoine Sausage Factory
630 29th Avenue
Oakland, California
Clayton Project No. 70-04578.00

Figure
1

Clayton GROUP SERVICES

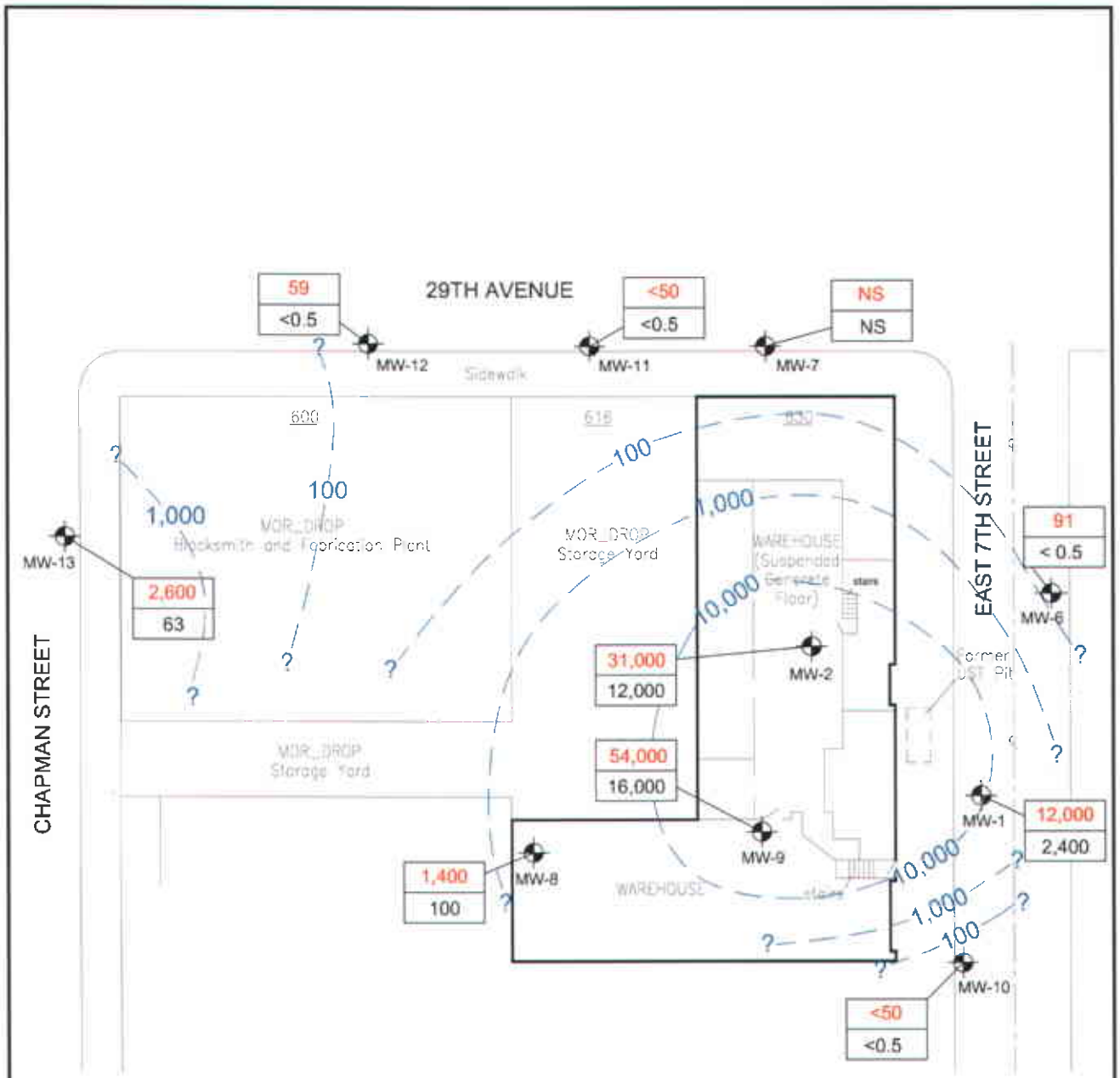


GROUNDWATER ELEVATION CONTOUR MAP, 2ND QUARTER 2005

FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA
Clayton Project No. 70-04578.00

Figure
2
07/29/05
SITE0705.DWG

Clayton GROUP SERVICES



LEGEND:

- Existing Monitoring Well Location
- 12,000 — TPH-g Concentration (ug/L), 06/24/05
- 2,400 — Benzene Concentration (ug/L), 06/24/05
- 100 — TPH-g Isocencentration Contour (ug/L)

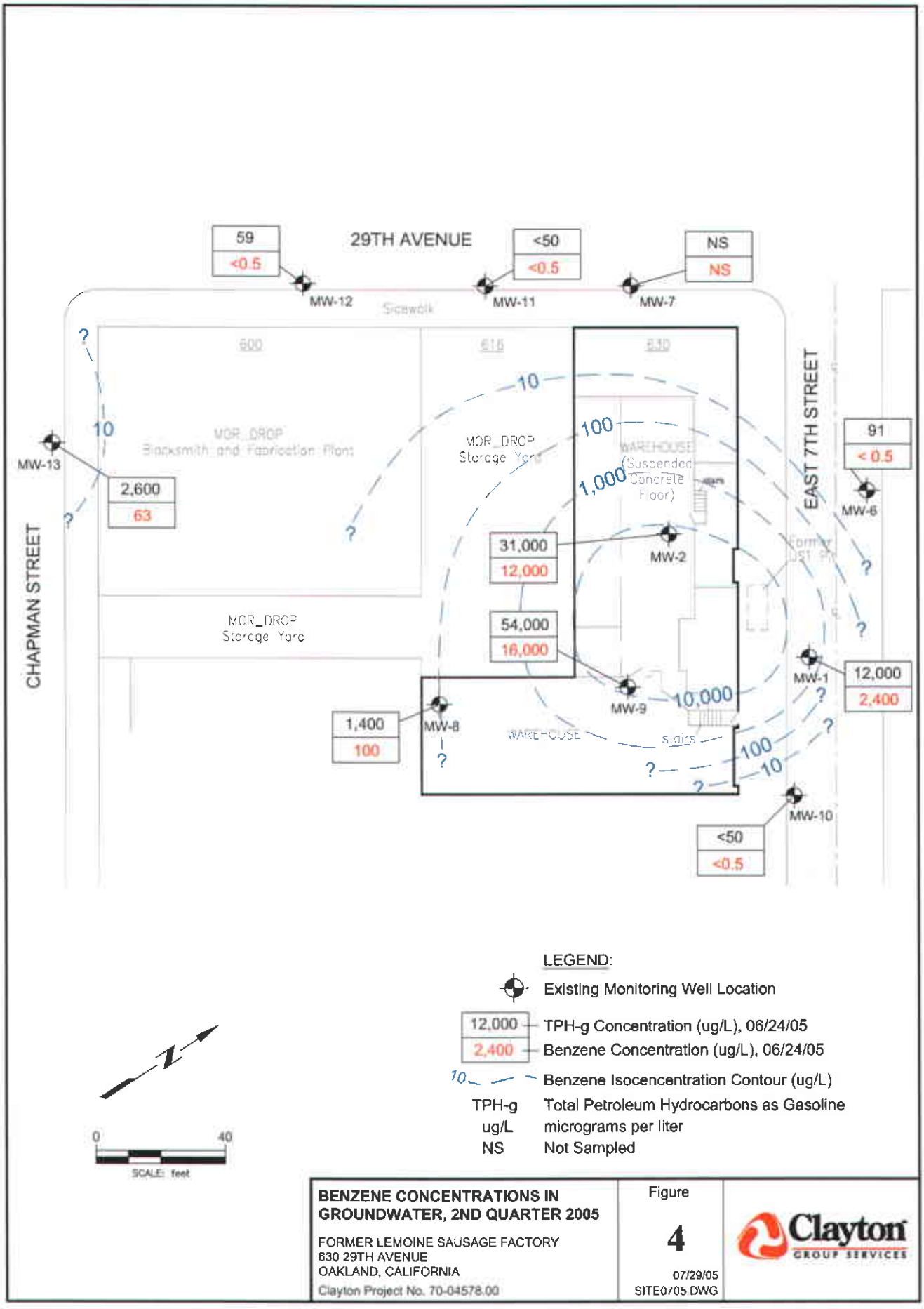
TPH-g	Total Petroleum Hydrocarbons as Gasoline
ug/L	micrograms per liter
NS	Not Sampled

TPH-g CONCENTRATIONS IN GROUNDWATER, 2ND QUARTER 2005

FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA
Clayton Project No. 70-04578.00

Figure
3
07/29/05
SITE0705 DWG

Clayton GROUP SERVICES



LEGEND:

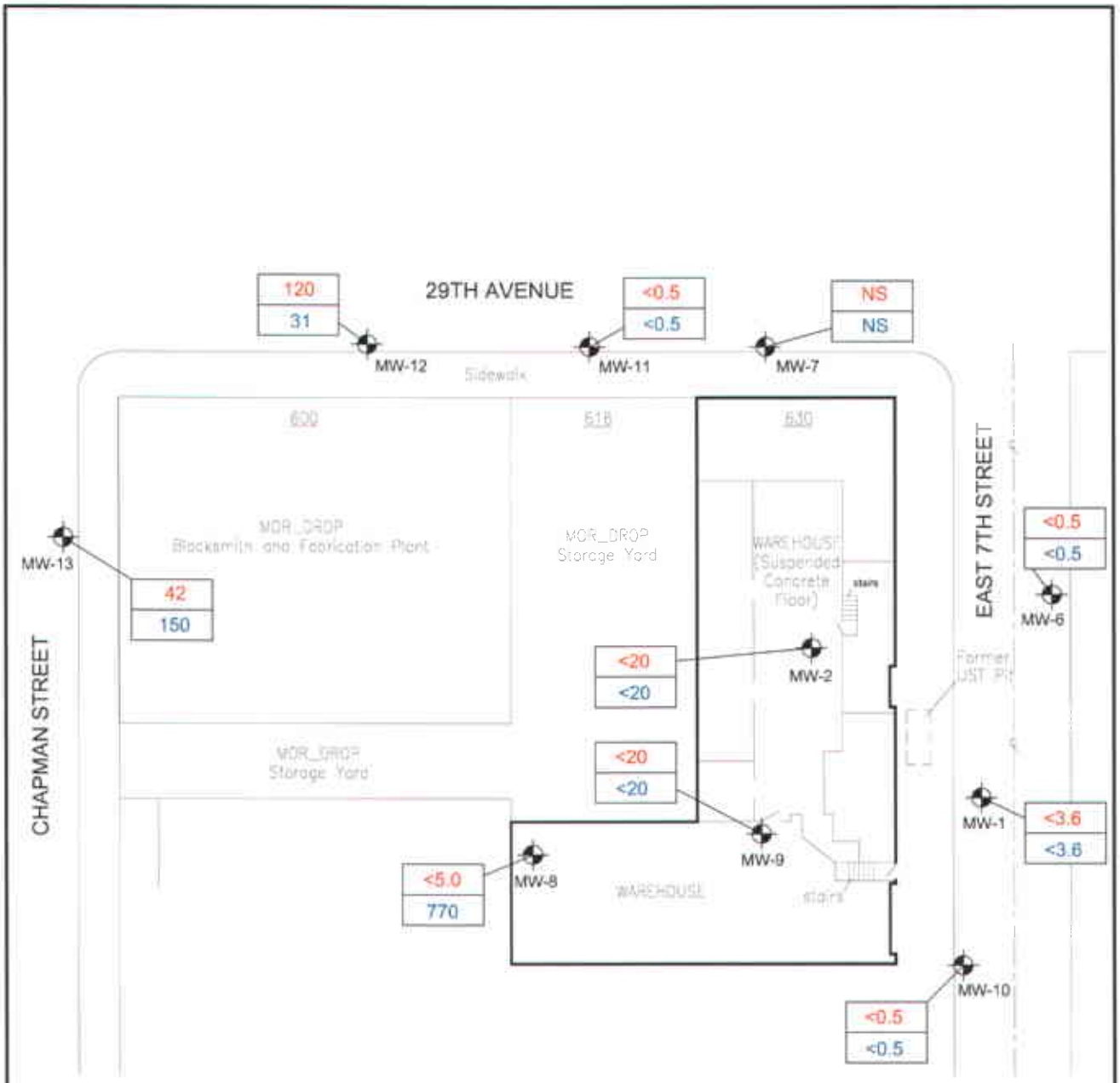
- Existing Monitoring Well Location
- 12,000 / 2,400 — TPH-g Concentration (ug/L), 06/24/05 / Benzene Concentration (ug/L), 06/24/05
- 10 — Benzene Isocencentration Contour (ug/L)
- TPH-g — Total Petroleum Hydrocarbons as Gasoline
- ug/L — micrograms per liter
- NS — Not Sampled

BENZENE CONCENTRATIONS IN GROUNDWATER, 2ND QUARTER 2005

FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA
Clayton Project No. 70-04578.00

Figure
4
07/29/05
SITE0705 DWG

Clayton GROUP SERVICES



LEGEND:

MW-12 — Existing Monitoring Well Location

120 — TCE Concentration (ug/L), 06/24/05

31 — cis 1,2-DCE Concentration (ug/L), 06/24/05

TCE	Trichloroethene
cis 1,2-DCE	cis 1,2-Dichloroethene
ug/L	micrograms per liter
NS	Not Sampled

N

0 40

SCALE: feet

TCE AND cis-1,2-DCE CONCENTRATIONS IN GROUNDWATER, 2ND QUARTER 2005

FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA

Clayton Project No. 70-04578.00

Figure 5

07/27/05
SITE0705.DWG

Clayton GROUP SERVICES

APPENDIX A

SECOND QUARTER 2005

GROUNDWATER SAMPLING LOGS

FIELD SAMPLING DATA SHEET

Job Location:	Former Lemoine Sausage Factory	Job #:	70-04578.00
	630 29th Avenue	Date Purged:	6-29-05
	Oakland, California	Purge Method:	peri pump
Sampling Location:	**MW-1**	Date & Time Sampled:	1.24.05 9:10
Top of Casing:	16.69 (ft, msl)	Sampling Method:	peri pump
Depth to Water:	4.45	Sample Type:	TPHg/BTEX /VOCs
Groundwater Elevation	12.24	Preservatives:	HCL
Well Bottom	7.69	# of Containers:	6
Water Column:	4.55	Field Tech:	MR
Well Casing Volume:	0.04 (WC* 0.01)	Weather Conditions:	partly sunny
Casing Volumes Purged:			
Purge Rate:		3/4" dia well	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or (C))	Turbidity (Visual)
9:05	0	7.05	1.82	-	21.1	clear
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Field Notes:

FIELD SAMPLING DATA SHEET

Job Location:	Former Lemoine Sausage Factory	Job #:	70-04578.00
	630 29th Avenue	Date Purged:	6.24.05
	Oakland, California	Purge Method:	peri pump
Sampling Location:	**MW-2**	Date & Time Sampled:	6.24.05 7:35
Top of Casing:	20.79 (ft, msl)	Sampling Method:	peri pump
Depth to Water:	10.83	Sample Type:	TPHg/BTEX /VOCs
Groundwater Elevation	10.76	Preservatives:	HCL
Well Bottom	0.79	# of Containers:	6
Water Column:	9.97	Field Tech:	MR
Well Casing Volume:	0.09 (WC* 0.01)	Weather Conditions:	overcast
Casing Volumes Purged:			
Purge Rate:		3/4" dia well	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
7:30	0	6.62	12.3	-	17.8	clear
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Field Notes:

only one set of parameters taken due to small amount of water in well.

FIELD SAMPLING DATA SHEET

Job Location:	Former Lemoine Sausage Factory	Job #:	70-04578.00
	630 29th Avenue	Date Purged:	6.24.05
	Oakland, California	Purge Method:	disposable bailer
Sampling Location:	**MW-6**	Date & Time Sampled:	6.24.05 10:25
Top of Casing:	16.6 (ft, msl)	Sampling Method:	disposable bailer
Depth to Water:	4.84	Sample Type:	TPHg/BTEX /VOCs
Groundwater Elevation	11.76	Preservatives:	HCL
Well Bottom	-3.40	# of Containers:	6
Water Column:	15.16	Field Tech:	MR
Well Casing Volume:	2.42 (WC* 0.16)	Weather Conditions:	partly cloudy
Casing Volumes Purged:			
Purge Rate:		2" dia well	

Time	Volume Removed (gal)	pH	Specific Conductivity ~~(µmhos/cm)~~ mS	Redox Potential ~~(mVolts)~~	Temperature (°F or °C)	Turbidity (Visual)
9:55	2.5	7.07	1.50	-	21.1	clear
10:00	5	7.09	1.51	-	21.2	cloudy
10:05	7.5	7.06	1.51	-	20.7	clear/cloudy
10:10	10	7.05	1.52	-	20.4	"
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Field Notes:

FIELD SAMPLING DATA SHEET

Job Location:	Former Lemoine Sausage Factory	Job #:	70-04578.00
	630 29th Avenue	Date Purged:	
	Oakland, California	Purge Method:	disposable bailer
Sampling Location:	**MW-7**	Date & Time Sampled:	
Top of Casing:	15.47 (ft, msl)	Sampling Method:	disposable bailer
Depth to Water:		Sample Type:	TPHg/BTEX /VOCs
Groundwater Elevation		Preservatives:	HCL
Well Bottom	-4.53	# of Containers:	6
Water Column:		Field Tech:	MR
Well Casing Volume:	(WC* 0.16)	Weather Conditions:	
Casing Volumes Purged:			
Purge Rate:		2" dia well	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
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Field Notes:

WELL INACCESSIBLE

FIELD SAMPLING DATA SHEET

Job Location:	Former Lemoine Sausage Factory	Job #:	70-04578.00
	630 29th Avenue	Date Purged:	6.24.05
	Oakland, California	Purge Method:	disposable bailer
Sampling Location:	**MW-8**	Date & Time Sampled:	6.24.05 11:25
Top of Casing:	17.58 (ft, msl)	Sampling Method:	disposable bailer
Depth to Water:	6.77	Sample Type:	TPHg/BTEX /VOCs
Groundwater Elevation	10.81	Preservatives:	HCL
Well Bottom	-2.42	# of Containers:	6
Water Column:	13.23	Field Tech:	MR
Well Casing Volume:	2.11 (WC* 0.16)	Weather Conditions:	sunny
Casing Volumes Purged:			
Purge Rate:		2" dia well	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
11 :00	2	7.09	~~1.38~~ 1.67	-	16.7	clear
11 :05	4	7.09	1.68	-	16.4	clear
11 :10	6	7.08	1.67	-	16.4	"
11 :15	8	7.07	1.68	-	16.3	"
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Field Notes:

strong odor present

FIELD SAMPLING DATA SHEET

Job Location:	Former Lemoine Sausage Factory	Job #:	70-04578.00
	630 29th Avenue	Date Purged:	6.24.05
	Oakland, California	Purge Method:	disposable bailer
Sampling Location:	**MW-9**	Date & Time Sampled:	6.24.05 1215
Top of Casing:	17.61 (ft, msl)	Sampling Method:	disposable bailer
Depth to Water:	6.05	Sample Type:	TPHg/BTEX /VOCs
Groundwater Elevation	11.56	Preservatives:	HCL
Well Bottom	2.61	# of Containers:	6
Water Column:	8.95	Field Tech:	MR
Well Casing Volume:	1.43 (WC* 0.16)	Weather Conditions:	rainy
Casing Volumes Purged:			
Purge Rate:		2" dia well	

Time	Volume Removed (gal)	pH	Specific Conductivity (~~µmhos~~/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
11 : 40	1.5	6.62	11.0	-	17.6	clear
11 : 45	3	6.60	11.6	-	17.4	cloudy
11 : 50	4.5	6.58	12.3	-	17.3	"
11 : 55	6	6.56	12.7	-	17.2	"
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Field Notes:

FIELD SAMPLING DATA SHEET

Job Location:	Former Lemoine Sausage Factory	Job #:	70-04578.00
	630 29th Avenue	Date Purged:	6.24.05
	Oakland, California	Purge Method:	disposable bailer
Sampling Location:	**MW-10**	Date & Time Sampled:	6.24.05 10:50
Top of Casing:	16.92 (ft, msl)	Sampling Method:	disposable bailer
Depth to Water:	4.58	Sample Type:	TPHg/BTEX /VOCs
Groundwater Elevation	12.34	Preservatives:	HCL
Well Bottom	7.92	# of Containers:	6
Water Column:	4.42	Field Tech:	MR
Well Casing Volume:	0.70 (WC* 0.16)	Weather Conditions:	partly sunny
Casing Volumes Purged:			
Purge Rate:		2" dia well	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
10 : 35	1	7.39	.639	-	23.2	clear
10 : 38	2	7.28	.635	-	23.3	cloudy
10 : 41	3	7.27	.635	-	23.4	"
10 : 44	4	7.26	.636	-	23.4	"
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Field Notes:

STRONG ODOR PRESENT

FIELD SAMPLING DATA SHEET

Job Location:	Former Lemoine Sausage Factory	Job #:	70-04578.00
	630 29th Avenue	Date Purged:	6.24.05
	Oakland, California	Purge Method:	disposable bailer
Sampling Location:	**MW-11**	Date & Time Sampled:	6.24.05 9:35
Top of Casing:	14.87 (ft, msl)	Sampling Method:	disposable bailer
Depth to Water:	5.41	Sample Type:	TPHg/BTEX /VOCs
Groundwater Elevation	9.46	Preservatives:	HCL
Well Bottom	-0.13	# of Containers:	6
Water Column:	9.59	Field Tech:	MR
Well Casing Volume:	1.53 (WC* 0.16)	Weather Conditions:	
Casing Volumes Purged:			
Purge Rate:		2" dia well	

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
9:15	1.5	7.23	1.86	-	19.8	clear
9:19	3	7.20	1.87	-	19.6	"
9:24	4.5	7.19	1.87	-	19.5	"
9:29	6	7.17	1.88	-	19.4	"
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Field Notes:

FIELD SAMPLING DATA SHEET

Job Location:	Former Lemoine Sausage Factory	Job #:	70-04578.00
	630 29th Avenue	Date Purged:	6-24-05
	Oakland, California	Purge Method:	disposable bailer
Sampling Location:	**MW-12**	Date & Time Sampled:	6-24-05 9:05
Top of Casing:	14.05 (ft, msl)	Sampling Method:	disposable bailer
Depth to Water:	4.90	Sample Type:	TPHg/BTEX /VOCs
Groundwater Elevation	9.15	Preservatives:	HCL
Well Bottom	-0.95	# of Containers:	6
Water Column:	10.1	Field Tech:	MR
Well Casing Volume:	1.61 (WC* 0.16)	Weather Conditions:	Overcast
Casing Volumes Purged:			
Purge Rate:		2" dia well	

Time	Volume Removed (gal)	pH	Specific Conductivity (~~µmhos~~ mS/cm)	Redox Potential (~~mVolts~~)	Temperature (°F or °C)	Turbidity (Visual)
8:45	1.5	7.22	2.03	-	19.9	clear
8:49	3	7.20	2.04	-	19.8	"
8:53	4.5	7.19	2.06	-	19.6	"
8:58	6	7.18	2.06	-	19.5	
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Field Notes:

FIELD SAMPLING DATA SHEET

Job Location:	Former Lemoine Sausage Factory	Job #:	70-04578.00
	630 29th Avenue	Date Purged:	6.24.05
	Oakland, California	Purge Method:	disposable bailer
Sampling Location:	**MW-13**	Date & Time Sampled:	6.24.05 8:35
Top of Casing:	13.39 (ft, msl)	Sampling Method:	disposable bailer
Depth to Water:	5.13	Sample Type:	TPHg/BTEX /VOCs
Groundwater Elevation	8.26	Preservatives:	HCL
Well Bottom	-1.61	# of Containers:	6
Water Column:	9.87	Field Tech:	MR
Well Casing Volume:	1.57 (WC* 0.16)	Weather Conditions:	partly cloudy
Casing Volumes Purged:			
Purge Rate:		2" dia well	

Time	Volume Removed (gal)	pH	Specific Conductivity ~~(µmhos/cm)~~ mS/cm	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
8:15	1.5	7.19	1.16	-	19.9	clear
8:19	3	7.17	1.16	-	19.7	cloudy
8:23	4.5	7.14	1.15	-	19.7	"
8:28	6	7.13	1.13	-	19.6	"
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Field Notes:

APPENDIX B

SECOND QUARTER 2005

LABORATORY ANALYTICAL DATA SHEETS AND CHAIN-OF-CUSTODY DOCUMENTATION

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

A N A L Y T I C A L R E P O R T

Prepared for:

Clayton Group Services
6920 Koll Center Parkway
Suite 216
Pleasanton, CA 94566

Date: 07-JUL-05
Lab Job Number: 180230
Project ID: 70-04578.00
Location: Sausage Factory

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.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	180230
Client:	Clayton Group Services
Project:	70-04578.00
Location:	Sausage Factory
Request Date:	06/24/05
Samples Received:	06/24/05

This hardcopy data package contains sample and QC results for nine water samples, requested for the above referenced project on 06/24/05. 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 # 180230-009); the corresponding trifluorotoluene (FID) surrogate recovery was within limits. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Clayton GROUP SERVICES

CHAIN OF CUSTODY

180230

Lab: Curtis&Tompkins

TAT: Standard

Report results to:

Name	Mat Reimer
Company	Clayton Group Services
Mailing Address	6920 Koll Center Parkway, Ste. 216
City, State, Zip	Pleasanton, California 94566
Telephone No.	(925) 426-2600
Fax No.	(925) 426-0106
E-mail:	mreimer@claytongrp.com

Project Information

Project No.	70-04578.00
Name	Sausage Factory
Location	630 29th Avenue, Oakland
Global_ Id	T0600102114
Log_code	CGSP

Special instructions and/or specific regulatory requirements:

Analyses Requested

	Sample Identification	Sample Date	Sample Time	Matrix/ Media	No. of Conts.	8015B for TPH-g	8021B for BTEX	8260B for HVOCs	Sample Condition/Comments	Preservative
-1	MW-01	6.24.05	8:10	W	6	X	X	X		HCl
-2	MW-02		7:35		6					HCl
-3	MW-06		10:25		6					HCl
	~~MW-07~~				~~6~~					HCl
-4	MW-08		11:25		6					HCl
-5	MW-09		12:15		6				Received: Ice ☑ Cold ☐ Ambient ☐ Intact	HCl
-6	MW-10		10:50		6					HCl
-7	MW-11		9:35		6					HCl
-8	MW-12		9:05		6					HCl
-9	MW-13	↓	8:35	↓	6	↓	↓	↓		HCl

Collected by:	Mat Reimer	***Date/Time***	6.24.05	***Collector's Signature:***	***Date/Time*** 6.24.05
Relinquished by:		***Date/Time***	6.24.05	***Received by:***	***Date/Time*** 6/24/05 13:35
Relinquished by:		***Date/Time***		***Received by:***	***Date/Time***
Method of Shipment:				***Sample Condition on Rcpt:***	

Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00		
Matrix:	Water	Sampled:	06/24/05
Units:	ug/L	Received:	06/24/05
Batch#:	103250	Analyzed:	06/24/05

Field ID: MW-01 Lab ID: 180230-001
Type: SAMPLE Diln Fac: 10.00

Analyte	Result	RL	Analysis
Gasoline C7-C12	12,000	500	EPA 8015B
Benzene	2,400	5.0	EPA 8021B
Toluene	450	5.0	EPA 8021B
Ethylbenzene	470	5.0	EPA 8021B
m,p-Xylenes	600	5.0	EPA 8021B
o-Xylene	340	5.0	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	116	63-141	EPA 8015B
Bromofluorobenzene (FID)	110	79-139	EPA 8015B
Trifluorotoluene (PID)	105	63-133	EPA 8021B
Bromofluorobenzene (PID)	105	79-128	EPA 8021B

Field ID: MW-02 Lab ID: 180230-002
Type: SAMPLE Diln Fac: 40.00

Analyte	Result	RL	Analysis
Gasoline C7-C12	31,000	2,000	EPA 8015B
Benzene	12,000	20	EPA 8021B
Toluene	1,200	20	EPA 8021B
Ethylbenzene	810	20	EPA 8021B
m,p-Xylenes	1,100	20	EPA 8021B
o-Xylene	280	20	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	100	63-141	EPA 8015B
Bromofluorobenzene (FID)	103	79-139	EPA 8015B
Trifluorotoluene (PID)	98	63-133	EPA 8021B
Bromofluorobenzene (PID)	100	79-128	EPA 8021B

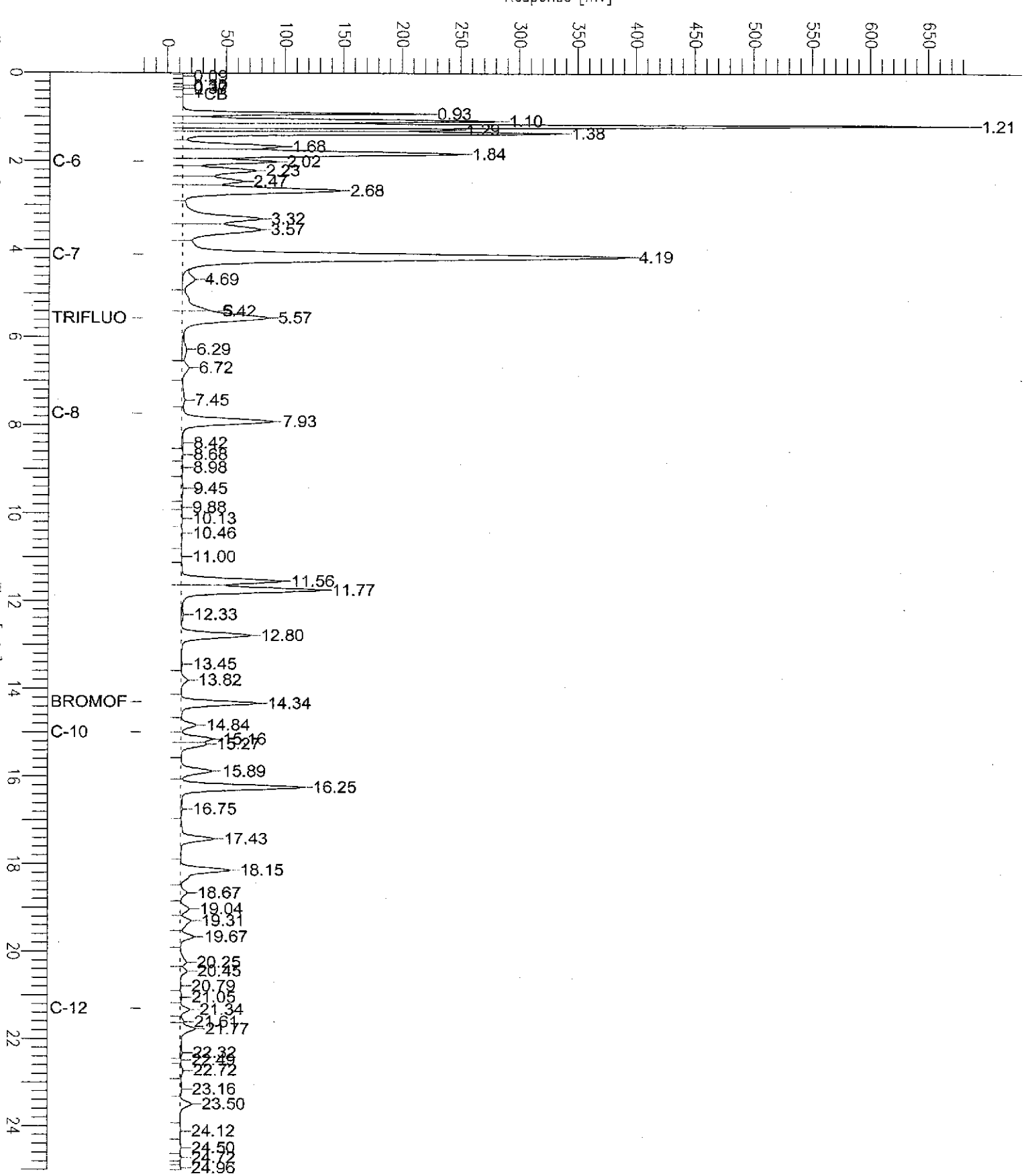
*= Value outside of QC limits; see narrative
C= Presence confirmed, but RPD between columns exceeds 40%
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Chromatogram

Sample Name : 180230-001,103250
FileName : G:\GC05\DATA\175G021.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: -21 mV

Sample #: b1.3 Page 1 of 1
Date : 6/25/05 10:03 AM
Time of Injection: 6/24/05 07:17 PM
Low Point : -20.63 mV High Point : 686.83 mV
Plot Scale: 707.5 mV

MW-01

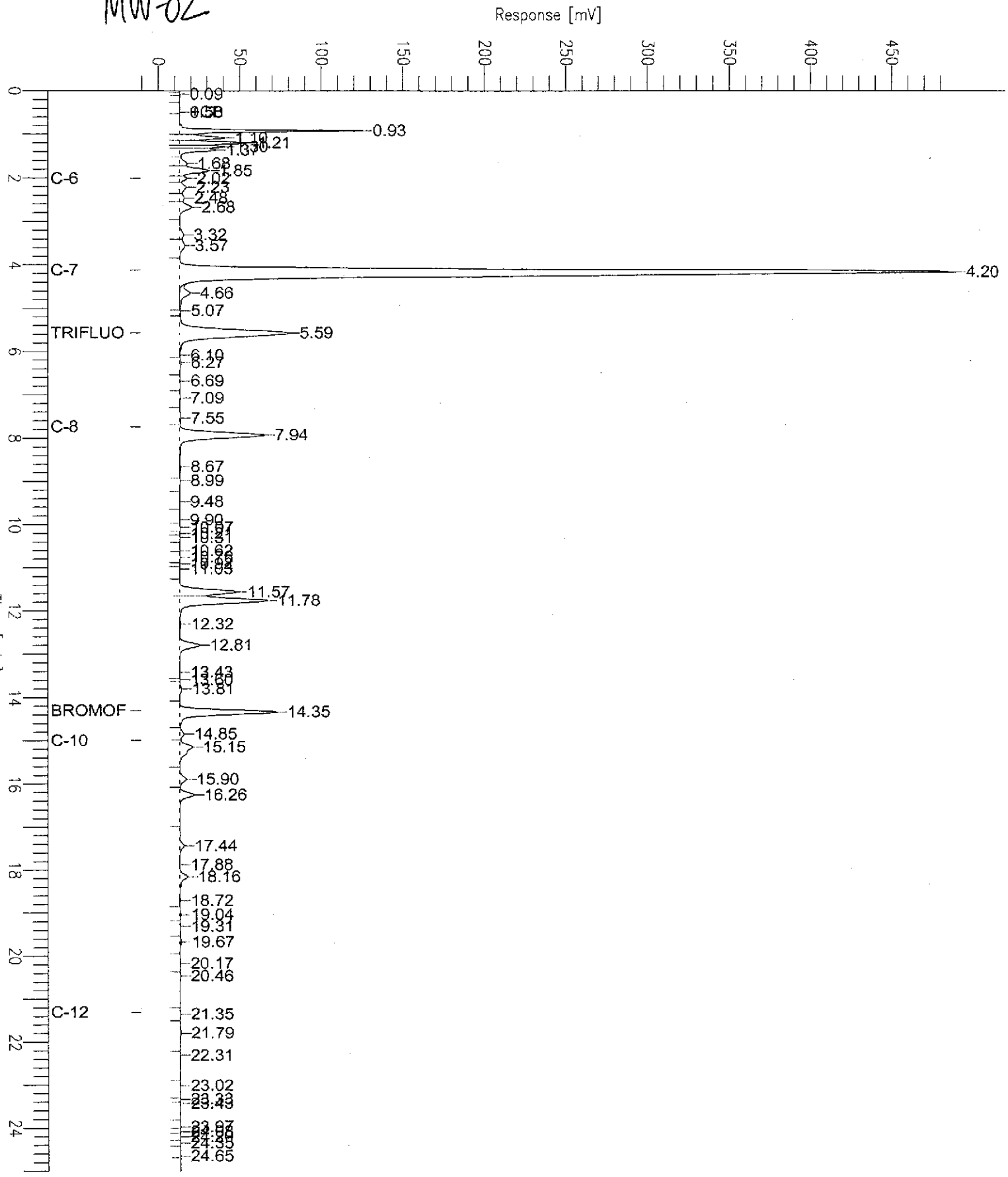


Chromatogram

Sample Name : 180230-002,103250
FileName : G:\GC05\DATA\175G020.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: -11 mV

Sample #: bl.3 Page 1 of 1
Date : 6/24/05 07:10 PM
Time of Injection: 6/24/05 06:45 PM
Low Point : -10.80 mV High Point : 489.65 mV
Plot Scale: 500.5 mV

MW-02



Curtis & Tompkins, Ltd.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00		
Matrix:	Water	Sampled:	06/24/05
Units:	ug/L	Received:	06/24/05
Batch#:	103250	Analyzed:	06/24/05

Field ID: MW-06 Lab ID: 180230-003
Type: SAMPLE Diln Fac: 1.000

Analyte	Result	RL	Analysis
Gasoline C7-C12	91	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)	106	63-141	EPA 8015B
Bromofluorobenzene (FID)	104	79-139	EPA 8015B
Trifluorotoluene (PID)	96	63-133	EPA 8021B
Bromofluorobenzene (PID)	97	79-128	EPA 8021B

Field ID: MW-08 Lab ID: 180230-004
Type: SAMPLE Diln Fac: 2.000

Analyte	Result	RL	Analysis
Gasoline C7-C12	1,400	100	EPA 8015B
Benzene	100	1.0	EPA 8021B
Toluene	ND	1.0	EPA 8021B
Ethylbenzene	37	1.0	EPA 8021B
m,p-Xylenes	ND	1.0	EPA 8021B
o-Xylene	ND	1.0	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	136	63-141	EPA 8015B
Bromofluorobenzene (FID)	110	79-139	EPA 8015B
Trifluorotoluene (PID)	110	63-133	EPA 8021B
Bromofluorobenzene (PID)	102	79-128	EPA 8021B

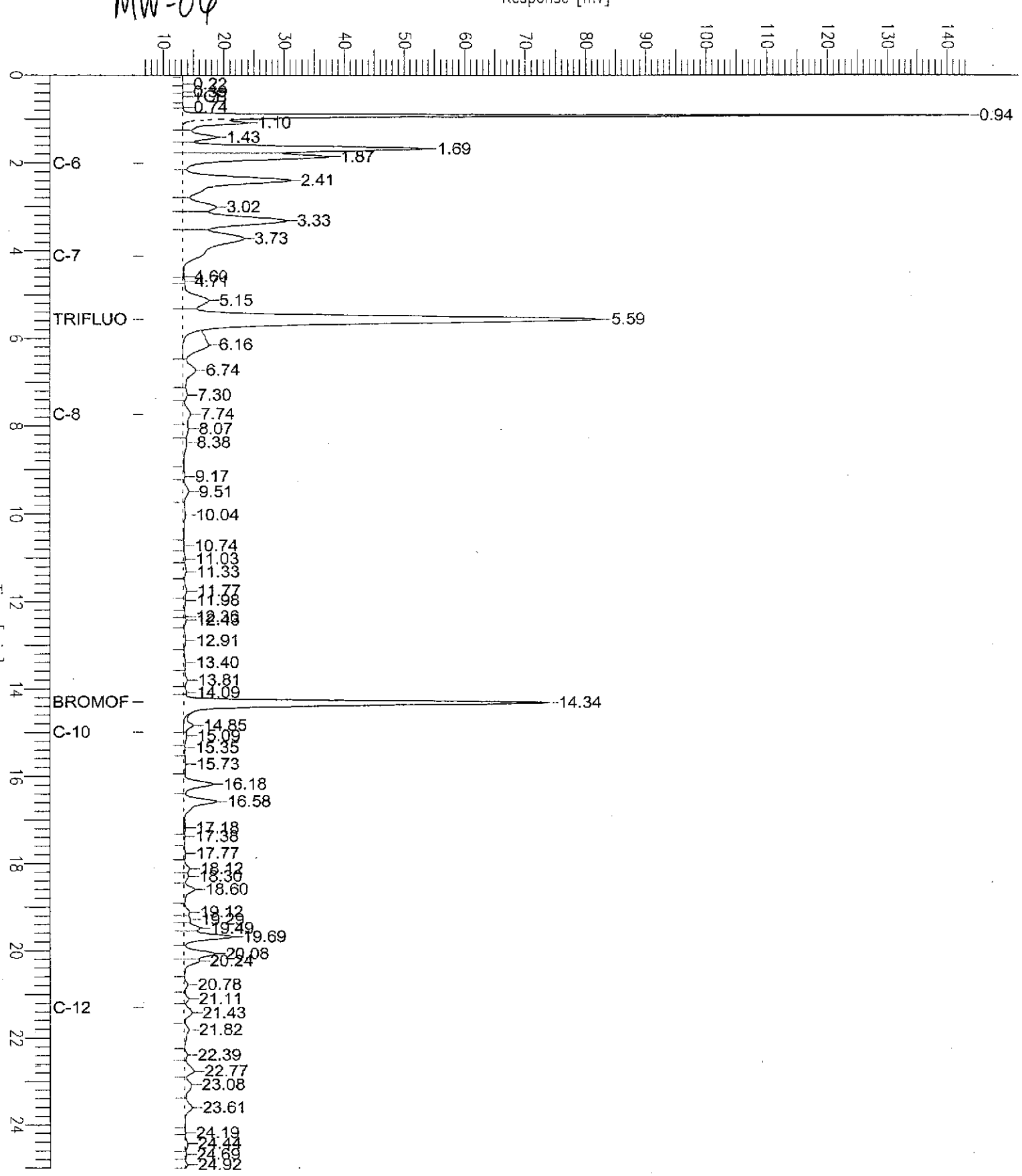
*= Value outside of QC limits; see narrative
C= Presence confirmed, but RPD between columns exceeds 40%
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Chromatogram

Sample Name : 1B0230-003,103250
FileName : G:\GC05\DATA\175G023.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: 7 mV

Sample #: b1.3 Page 1 of 1
Date : 6/24/05 08:46 PM
Time of Injection: 6/24/05 08:21 PM
Low Point : 6.64 mV High Point : 143.68 mV
Plot Scale: 137.0 mV

MW-06

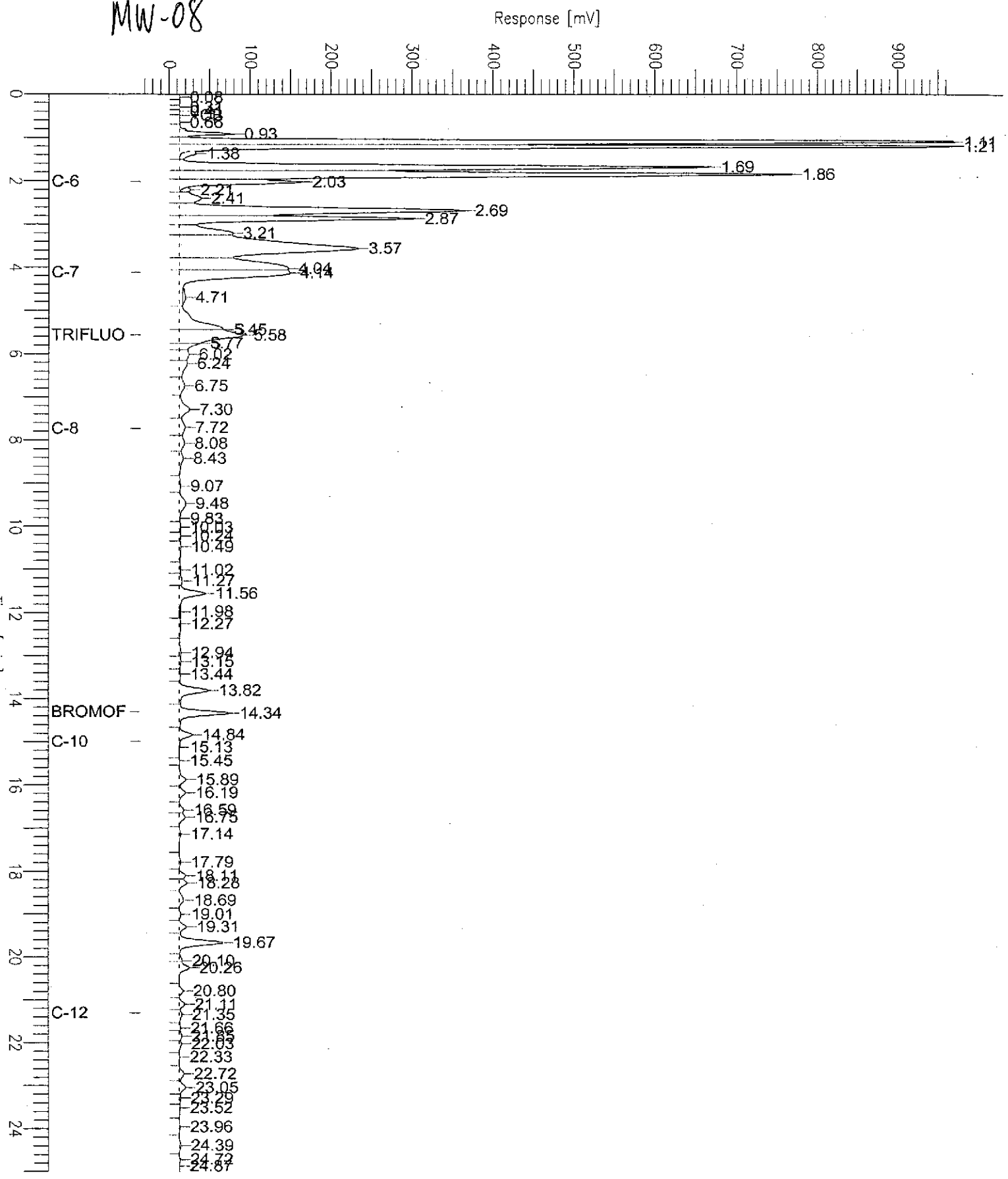


Chromatogram

Sample Name : 180230-004,103250
FileName : G:\GC05\DATA\175G022.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: -35 mV

Sample #: b7 Page 1 of 1
Date : 6/25/05 10:03 AM
Time of Injection: 6/24/05 07:49 PM
Low Point : -34.66 mV High Point : 969.44 mV
Plot Scale: 1004.1 mV

MW-08



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Curtis & Tompkins Laboratories Analytical Report

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00		
Matrix:	Water	Sampled:	06/24/05
Units:	ug/L	Received:	06/24/05
Batch#:	103250	Analyzed:	06/24/05

Field ID: MW-09 Lab ID: 180230-005
Type: SAMPLE Diln Fac: 200.0

Analyte	Result	RL	Analysis
Gasoline C7-C12	54,000	10,000	EPA 8015B
Benzene	16,000	100	EPA 8021B
Toluene	780	100	EPA 8021B
Ethylbenzene	1,300	100	EPA 8021B
m,p-Xylenes	4,000	100	EPA 8021B
o-Xylene	1,200	100	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	101	63-141	EPA 8015B
Bromofluorobenzene (FID)	102	79-139	EPA 8015B
Trifluorotoluene (PID)	95	63-133	EPA 8021B
Bromofluorobenzene (PID)	99	79-128	EPA 8021B

Field ID: MW-10 Lab ID: 180230-006
Type: SAMPLE Diln Fac: 1.000

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)	98	63-141	EPA 8015B
Bromofluorobenzene (FID)	102	79-139	EPA 8015B
Trifluorotoluene (PID)	87	63-133	EPA 8021B
Bromofluorobenzene (PID)	96	79-128	EPA 8021B

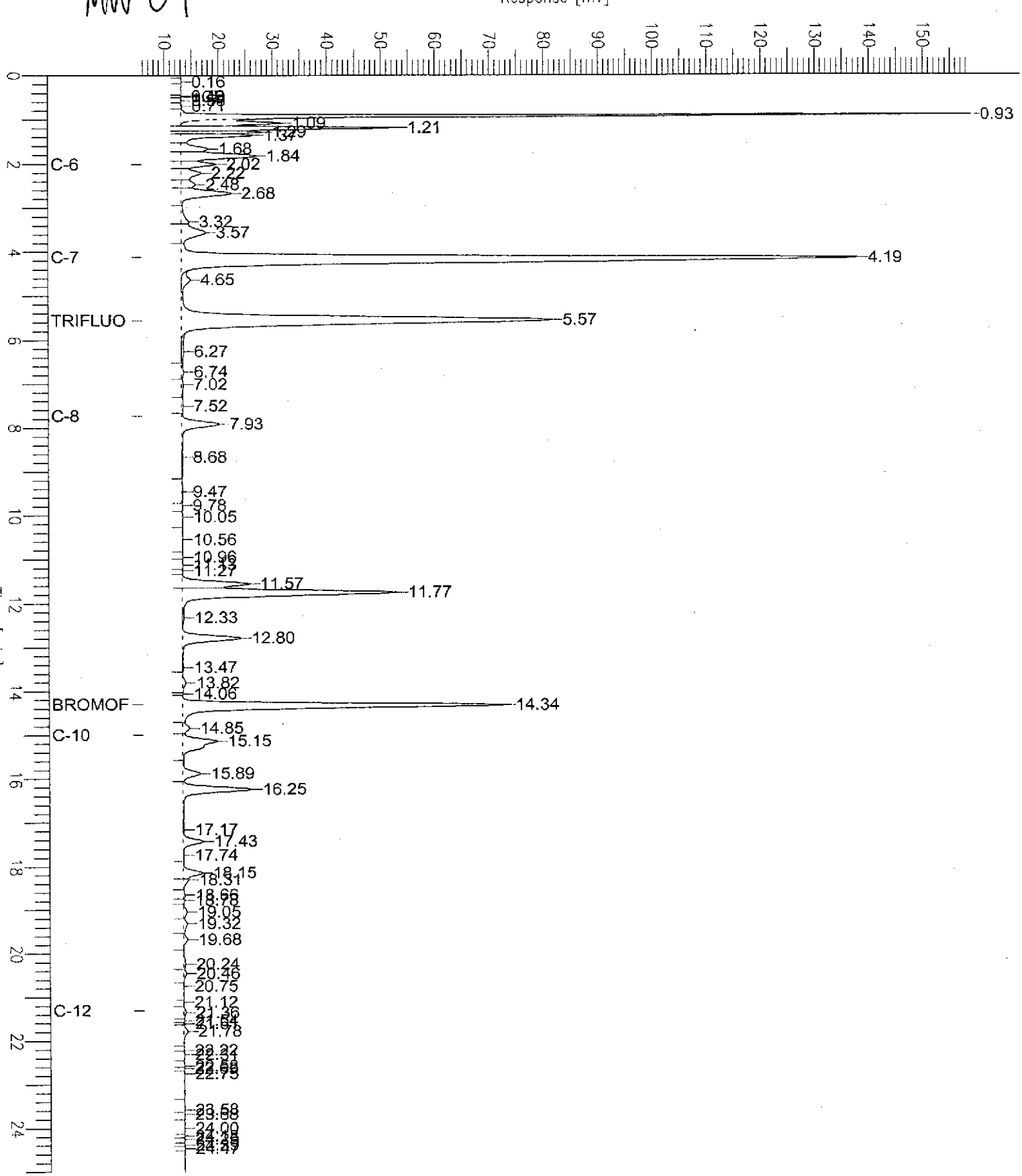
*= Value outside of QC limits; see narrative
C= Presence confirmed, but RPD between columns exceeds 40%
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Chromatogram

Sample Name : 180230-005,103250
FileName : G:\GC05\DATA\175G019.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: 6 mV

Sample #: b1.3 Page 1 of 1
Date : 6/24/05 06:38 PM
Time of Injection: 6/24/05 06:13 PM
Low Point : 5.76 mV High Point : 158.82 mV
Plot Scale: 153.1 mV

MW-09



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Curtis & Tompkins Laboratories Analytical Report

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00		
Matrix:	Water	Sampled:	06/24/05
Units:	ug/L	Received:	06/24/05
Batch#:	103250	Analyzed:	06/24/05

Field ID:	MW-11	Lab ID:	180230-007
Type:	SAMPLE	Diln Fac:	1.000

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)	98	63-141	EPA 8015B
Bromofluorobenzene (FID)	99	79-139	EPA 8015B
Trifluorotoluene (PID)	89	63-133	EPA 8021B
Bromofluorobenzene (PID)	94	79-128	EPA 8021B

Field ID:	MW-12	Lab ID:	180230-008
Type:	SAMPLE	Diln Fac:	1.000

Analyte	Result	RL	Analysis
Gasoline C7-C12	59 Y Z	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)	98	63-141	EPA 8015B
Bromofluorobenzene (FID)	100	79-139	EPA 8015B
Trifluorotoluene (PID)	101	63-133	EPA 8021B
Bromofluorobenzene (PID)	98	79-128	EPA 8021B

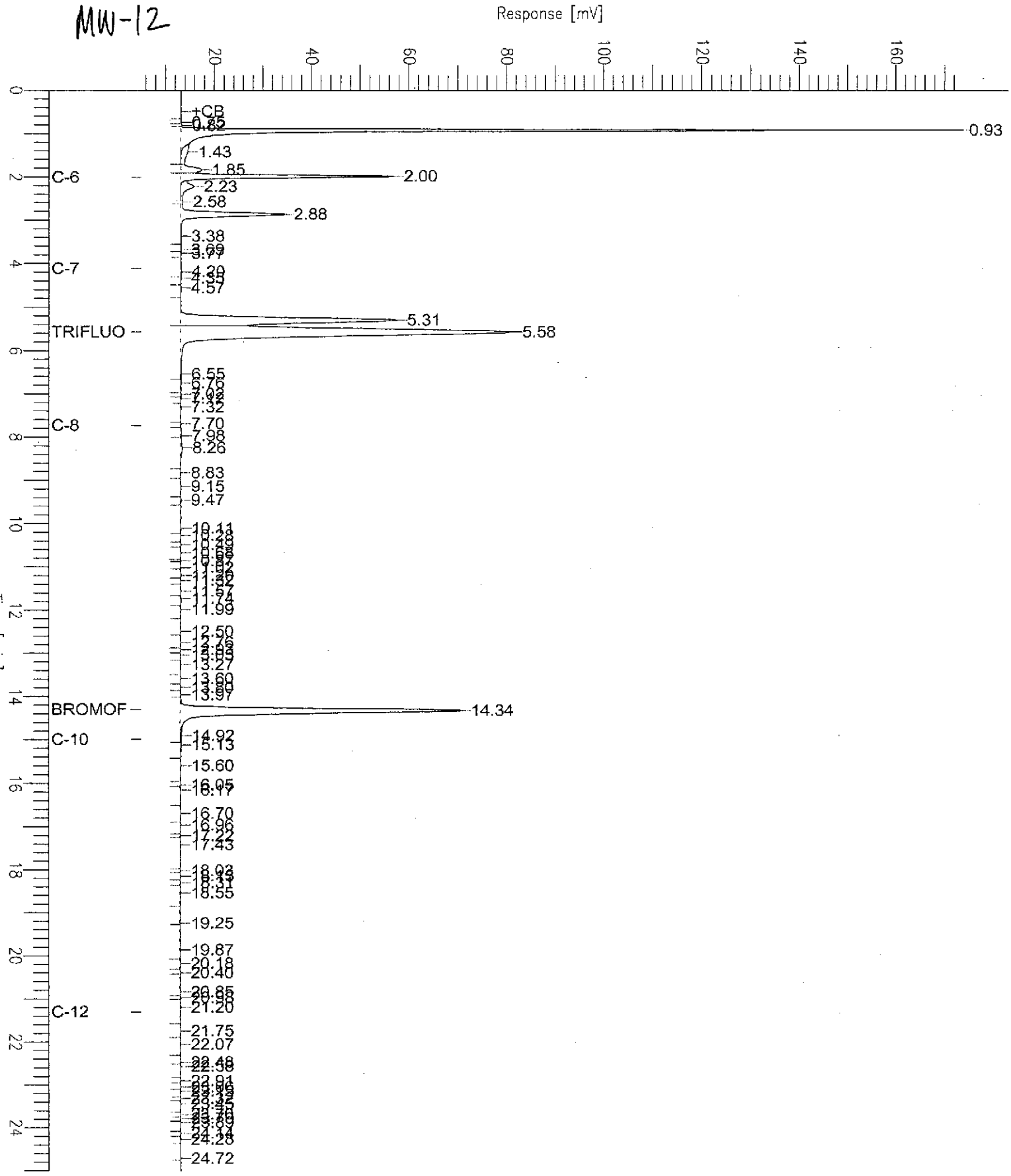
*= Value outside of QC limits; see narrative
C= Presence confirmed, but RPD between columns exceeds 40%
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Chromatogram

Sample Name : 180230-008,103250
FileName : G:\GC05\DATA\175G018.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: 5 mV

Sample #: b1.3 Page 1 of 1
Date : 6/24/05 06:06 PM
Time of Injection: 6/24/05 05:41 PM
Low Point : 5.05 mV High Point : 173.02 mV
Plot Scale: 168.0 mV

MW-12



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Curtis & Tompkins Laboratories Analytical Report

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00		
Matrix:	Water	Sampled:	06/24/05
Units:	ug/L	Received:	06/24/05
Batch#:	103250	Analyzed:	06/24/05

Field ID:	MW-13	Lab ID:	180230-009
Type:	SAMPLE	Diln Fac:	1.000

Analyte	Result	RL	Analysis
Gasoline C7-C12	2,600	50	EPA 8015B
Benzene	63 C	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	25	0.50	EPA 8021B
m,p-Xylenes	4.3	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC		Limits	Analysis
Trifluorotoluene (FID)	113		63-141	EPA 8015B
Bromofluorobenzene (FID)	146	*	79-139	EPA 8015B
Trifluorotoluene (PID)	103		63-133	EPA 8021B
Bromofluorobenzene (PID)	118		79-128	EPA 8021B

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC298651		

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)	98	63-141	EPA 8015B
Bromofluorobenzene (FID)	99	79-139	EPA 8015B
Trifluorotoluene (PID)	90	63-133	EPA 8021B
Bromofluorobenzene (PID)	94	79-128	EPA 8021B

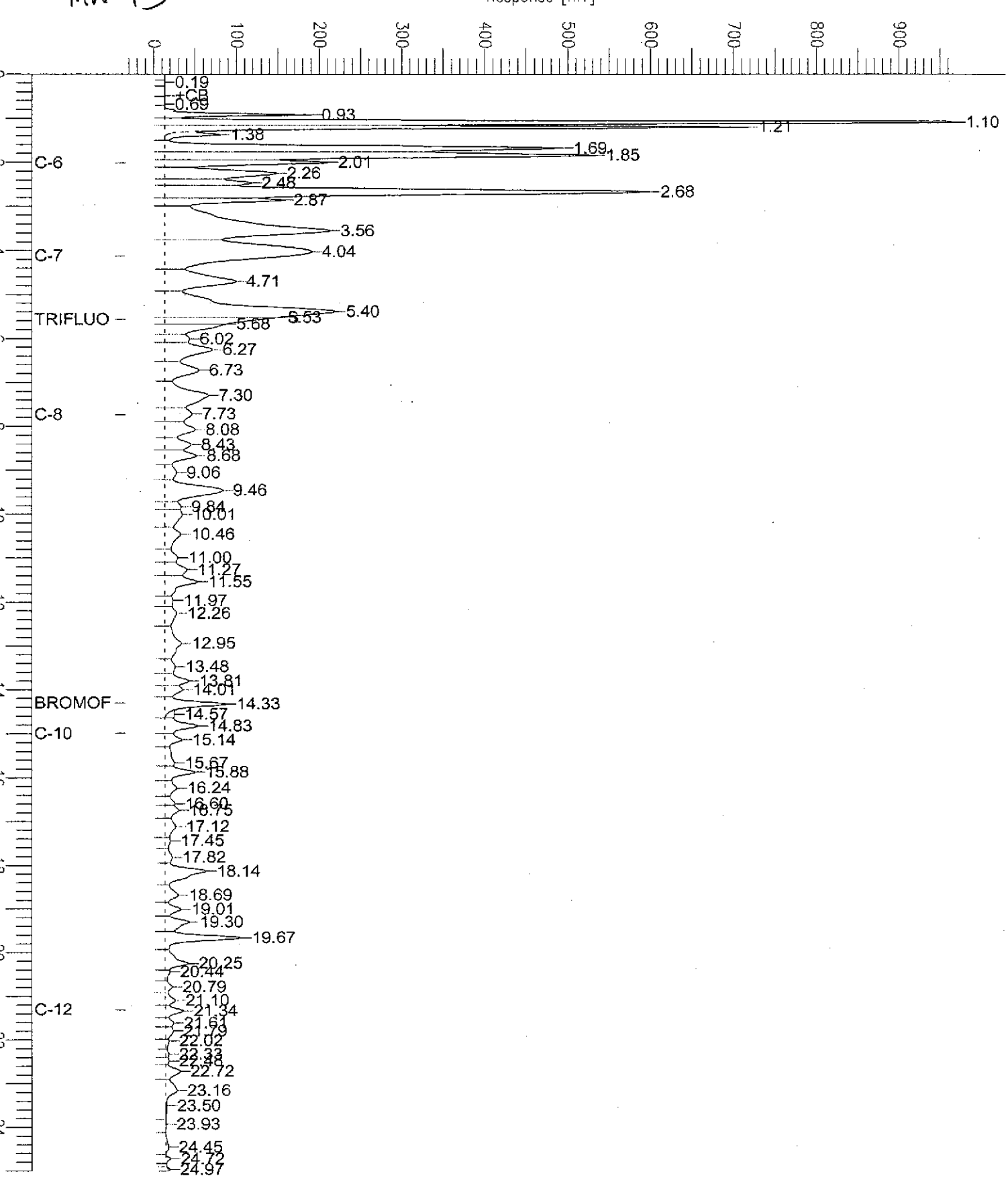
*= Value outside of QC limits; see narrative
C= Presence confirmed, but RPD between columns exceeds 40%
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Chromatogram

Sample Name : 180230-009,103250
FileName : G:\GC05\DATA\175G024.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: -35 mV

Sample #: b1.3 Page 1 of 1
Date : 6/25/05 10:03 AM
Time of Injection: 6/24/05 08:52 PM
Low Point : -34.52 mV High Point : 969.36 mV
Plot Scale: 1003.9 mV

MW-13

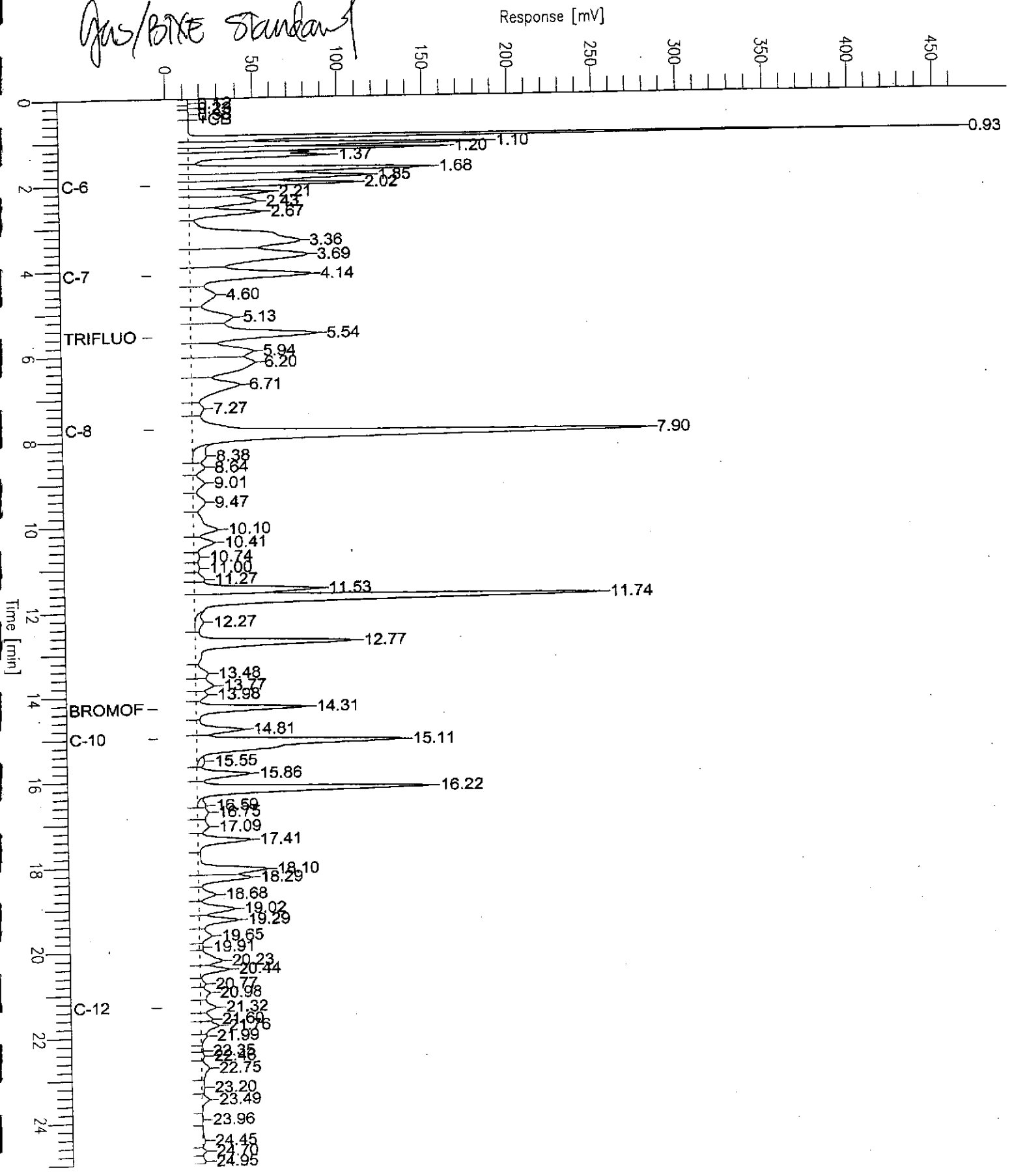


Chromatogram

Sample Name : ccv/lcs,qc298653,103250,S915,5/5000
FileName : G:\GC05\DATA\175G003.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: -9 mV

Sample #:
Date : 6/24/05 08:43 AM
Time of Injection: 6/24/05 08:18 AM
Low Point : -9.39 mV High Point : 465.80 mV
Plot Scale: 475.2 mV

Gas/BTXE Standard



Curtis & Tompkins, Ltd.

atch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8021B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC298652	Batch#:	103250
Matrix:	Water	Analyzed:	06/24/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Benzene	20.00	20.96	105	80-120
Toluene	20.00	21.86	109	80-120
Ethylbenzene	20.00	21.46	107	80-120
m,p-Xylenes	20.00	19.49	97	80-120
o-Xylene	20.00	21.16	106	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	91	63-133
Bromofluorobenzene (PID)	95	79-128

Curtis & Tompkins, Ltd.

atch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC298653	Batch#:	103250
Matrix:	Water	Analyzed:	06/24/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,986	99	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	137	63-141
Bromofluorobenzene (FID)	115	79-139

Curtis & Tompkins, Ltd.

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	103250
MSS Lab ID:	180211-009	Sampled:	06/23/05
Matrix:	Water	Received:	06/24/05
Units:	ug/L	Analyzed:	06/25/05
Diln Fac:	1.000		

Type: MS Lab ID: QC298739

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	12.80	2,000	1,940	96	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	133	63-141
Bromofluorobenzene (FID)	115	79-139

Type: MSD Lab ID: QC298740

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,909	95	80-120	2	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	136	63-141
Bromofluorobenzene (FID)	118	79-139

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-01	Batch#:	103351
Lab ID:	180230-001	Sampled:	06/24/05
Matrix:	Water	Received:	06/24/05
Units:	ug/L	Analyzed:	06/28/05
Diln Fac:	7.143		

Analyte	Result	RL
Chloromethane	ND	7.1
Vinyl Chloride	ND	3.6
Bromomethane	ND	7.1
Chloroethane	ND	7.1
Trichlorofluoromethane	ND	7.1
Freon 113	ND	7.1
1,1-Dichloroethene	ND	3.6
Methylene Chloride	ND	140
trans-1,2-Dichloroethene	ND	3.6
1,1-Dichloroethane	ND	3.6
cis-1,2-Dichloroethene	ND	3.6
Chloroform	ND	7.1
1,1,1-Trichloroethane	ND	3.6
Carbon Tetrachloride	ND	3.6
1,2-Dichloroethane	ND	3.6
Trichloroethene	ND	3.6
1,2-Dichloropropane	ND	3.6
Bromodichloromethane	ND	3.6
cis-1,3-Dichloropropene	ND	3.6
trans-1,3-Dichloropropene	ND	3.6
1,1,2-Trichloroethane	ND	3.6
Tetrachloroethene	ND	3.6
Dibromochloromethane	ND	3.6
Chlorobenzene	ND	3.6
Bromoform	ND	3.6
1,1,2,2-Tetrachloroethane	ND	3.6
1,3-Dichlorobenzene	ND	3.6
1,4-Dichlorobenzene	ND	3.6
1,2-Dichlorobenzene	ND	3.6

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	92	80-122
Toluene-d8	100	80-120
Bromofluorobenzene	101	80-124

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-02	Batch#:	103313
Lab ID:	180230-002	Sampled:	06/24/05
Matrix:	Water	Received:	06/24/05
Units:	ug/L	Analyzed:	06/27/05
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	40
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	95	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	102	80-124

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-06	Batch#:	103313
Lab ID:	180230-003	Sampled:	06/24/05
Matrix:	Water	Received:	06/24/05
Units:	ug/L	Analyzed:	06/27/05
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	1.0
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	104	80-122
Toluene-d8	100	80-120
Bromofluorobenzene	102	80-124

D= Not Detected
RL= Reporting Limit

8.0

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-08	Batch#:	103351
Lab ID:	180230-004	Sampled:	06/24/05
Matrix:	Water	Received:	06/24/05
Units:	ug/L	Analyzed:	06/28/05
Diln Fac:	10.00		

Analyte	Result	RL
Chloromethane	ND	10
Vinyl Chloride	51	5.0
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	10
Freon 113	ND	10
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	200
trans-1,2-Dichloroethene	29	5.0
1,1-Dichloroethane	ND	5.0
cis-1,2-Dichloroethene	770	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	100	80-122
Toluene-d8	100	80-120
Bromofluorobenzene	102	80-124

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-09	Batch#:	103313
Lab ID:	180230-005	Sampled:	06/24/05
Matrix:	Water	Received:	06/24/05
Units:	ug/L	Analyzed:	06/27/05
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	40
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	92	80-122
Toluene-d8	99	80-120
Bromofluorobenzene	100	80-124

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-10	Batch#:	103313
Lab ID:	180230-006	Sampled:	06/24/05
Matrix:	Water	Received:	06/24/05
Units:	ug/L	Analyzed:	06/27/05
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	1.0
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	100	80-122
Toluene-d8	99	80-120
Bromofluorobenzene	102	80-124

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-11	Batch#:	103313
Lab ID:	180230-007	Sampled:	06/24/05
Matrix:	Water	Received:	06/24/05
Units:	ug/L	Analyzed:	06/27/05
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	1.0
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	104	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	102	80-124

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-12	Batch#:	103313
Lab ID:	180230-008	Sampled:	06/24/05
Matrix:	Water	Received:	06/24/05
Units:	ug/L	Analyzed:	06/27/05
Diln Fac:	2.000		

Analyte	Result	RL
Chloromethane	ND	2.0
Vinyl Chloride	ND	1.0
Bromomethane	ND	2.0
Chloroethane	ND	2.0
Trichlorofluoromethane	ND	2.0
Freon 113	ND	2.0
1,1-Dichloroethene	ND	1.0
Methylene Chloride	ND	40
trans-1,2-Dichloroethene	39	1.0
1,1-Dichloroethane	ND	1.0
cis-1,2-Dichloroethene	31	1.0
Chloroform	ND	2.0
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
1,2-Dichloroethane	ND	1.0
Trichloroethene	120	1.0
1,2-Dichloropropane	ND	1.0
Bromodichloromethane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Tetrachloroethene	ND	1.0
Dibromochloromethane	ND	1.0
Chlorobenzene	ND	1.0
Bromoform	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	103	80-122
Toluene-d8	100	80-120
Bromofluorobenzene	102	80-124

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Halocarbons by GC/MS

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-13	Batch#:	103351
Lab ID:	180230-009	Sampled:	06/24/05
Matrix:	Water	Received:	06/24/05
Units:	ug/L	Analyzed:	06/28/05
Diln Fac:	2.000		

Analyte	Result	RL
Chloromethane	ND	2.0
Vinyl Chloride	16	1.0
Bromomethane	ND	2.0
Chloroethane	ND	2.0
Trichlorofluoromethane	ND	2.0
Freon 113	ND	2.0
1,1-Dichloroethene	ND	1.0
Methylene Chloride	ND	40
trans-1,2-Dichloroethene	36	1.0
1,1-Dichloroethane	ND	1.0
cis-1,2-Dichloroethene	150	1.0
Chloroform	ND	2.0
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
1,2-Dichloroethane	ND	1.0
Trichloroethene	42	1.0
1,2-Dichloropropane	ND	1.0
Bromodichloromethane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Tetrachloroethene	ND	1.0
Dibromochloromethane	ND	1.0
Chlorobenzene	ND	1.0
Bromoform	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	100	80-122
Toluene-d8	99	80-120
Bromofluorobenzene	99	80-124

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC298885	Batch#:	103313
Matrix:	Water	Analyzed:	06/27/05
Units:	ug/L		

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

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	103	80-122
Toluene-d8	100	80-120
Bromofluorobenzene	104	80-124

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC299043	Batch#:	103351
Matrix:	Water	Analyzed:	06/28/05
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	1.0
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	104	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	100	80-124

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	103313
Units:	ug/L	Analyzed:	06/27/05
Diln Fac:	1.000		

Type: BS Lab ID: QC298883

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	23.22	93	75-121
Trichloroethene	25.00	25.38	102	78-120
Chlorobenzene	25.00	25.68	103	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	80-122
Toluene-d8	100	80-120
Bromofluorobenzene	97	80-124

Type: BSD Lab ID: QC298884

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	22.34	89	75-121	4	20
Trichloroethene	25.00	25.81	103	78-120	2	20
Chlorobenzene	25.00	25.56	102	80-120	0	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	101	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	100	80-124

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	180230	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	103351
Units:	ug/L	Analyzed:	06/28/05
Diln Fac:	1.000		

Type: BS Lab ID: QC299041

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	23.74	95	75-121
Trichloroethene	25.00	26.97	108	78-120
Chlorobenzene	25.00	25.89	104	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	104	80-122
Toluene-d8	105	80-120
Bromofluorobenzene	101	80-124

Type: BSD Lab ID: QC299042

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	22.90	92	75-121	4	20
Trichloroethene	25.00	25.25	101	78-120	7	20
Chlorobenzene	25.00	26.19	105	80-120	1	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	99	80-124

RPD= Relative Percent Difference