May 29, 2014

Mr. George Beaumont
New Mexico Environment Department
Petroleum Storage Tank Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505

Re: Monitor Well Installation and Groundwater Monitoring
Pino's Fina, 701 North Grand Avenue, Las Vegas, New Mexico
Facility #: 29980, Release ID #: 879, WPID #: 3720

Dear Mr. Beaumont:

Daniel B. Stephens & Associates, Inc. (DBS&A) is pleased to submit this report documenting the installation of one new monitor well and groundwater monitoring at the above-referenced site. All field activities were conducted in accordance with work plan identification (WPID) number 3720, New Mexico Environment Department (NMED) Petroleum Storage Tank Bureau (PSTB) Guidelines for Corrective Action (Guidelines), and DBS&A standard operating procedures.

DBS&A contracted with Enviro-Drill, Inc. (Enviro-Drill) of Albuquerque, New Mexico to perform the drilling and well installation services. The well was installed using a CME-75 hollow stem auger drill rig. A DBS&A geologist was on-site during installation of the well to provide oversight, field screening, logging of soils, and collection of soil samples for laboratory analysis. Field notes documenting drilling and associated field activities are provided in Attachment 1. Photos documenting field activities are provided in Attachment 2. Specific details of well installation and groundwater monitoring are discussed below.

Well Installation

Prior to drilling, an access agreement was secured from the property owner where the well was to be installed. A well permit was obtained from the Office of the State Engineer. Utility clearances were provided by New Mexico One Call.

The locations of the five Pino's Fina site monitor wells (MW-7, AEE-1R, AEE-2, PF-1, and PF-3) are shown on Figure 1. The new monitor well, AEE-1R, was installed on March 14, 2014 as a replacement well for monitor well AEE-1, which was destroyed in August 2004. Monitor well AEE-1 was installed in the former Pino's Fina tank hold after the underground storage tanks (USTs) were removed. AEE-1R was completed to a total depth (TD) of 30 feet below ground surface (feet bgs).

Daniel B. Stephens & Associates, Inc.
6020 Academy NE, Suite 100 505-822-9400
Albuquerque, NM 87109 FAX 505-822-8877

Soil samples were collected from the borehole during drilling using a decontaminated continuous core-barrel sampler and split spoon sampler. Sub-samples were collected from each sampling interval for lithologic description, field screening, and laboratory analysis, in accordance with the Guidelines. A geologic log for the well boring is provided in Attachment 3.

Field screening of soils was performed using a photoionization detector (PID) in accordance with the steps outlined in Section 1.4.1.1 of the Guidelines. PID readings from soil samples collected during drilling are shown on the geologic log (Attachment 3). PID readings ranging from 0.1 to >15,000 parts per million by volume (ppmv) were recorded in field screening samples from the boring. The >15,000 ppmv PID reading was noted at the water table interface, in the 15 to 20 feet bgs sample interval. A PID reading of 995.2 ppmv was recorded just above the water table interface, in 10 to 15 feet bgs sample interval. All other PID readings in field screening samples from the borehole were below 0.2 ppmv.

Soil Analytical Results

A total of three soil samples were submitted for laboratory analysis from the AEE-1R borehole. Soil samples were submitted for laboratory analysis from above the water table, from the water table interface, and from the bottom of the boring. Specific sampling depths for samples submitted to the analytical laboratory are provided in Table 1.

The samples selected for laboratory analysis were extracted with methanol in the field pursuant to Sections 1.4.1.2 and 1.4.1.3 of the Guidelines. The samples were submitted to Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico, for volatile organic compound (VOC) analysis including benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tertiary butyl ether (MTBE), 1,2-dibromoethane (EDB), 1,2-dichloroethane (EDC), and total naphthalenes using U.S. Environmental Protection Agency (EPA) method 8260B (full list).

Analytical results for soil samples collected from the boring showed the following:

- Total naphthalenes (0.87 milligrams per kilogram [mg/Kg]) exceeded the Tier 1 risk-based screening level (RBSL) in the 10 to 15 feet bgs sample.

- Total xylenes (16 mg/Kg) and total naphthalenes (5.3 mg/Kg) exceeded the Tier 1 risk-based screening levels (RBSLs) in the 17 to 19 feet bgs sample.

- Total xylenes (4.3 mg/Kg) and total naphthalenes (3.3 mg/Kg) exceeded the Tier 1 risk-based screening levels (RBSLs) in the 29 to 30 feet bgs sample.

Laboratory analytical results for soil samples are summarized in Table 1. Complete laboratory analytical reports and chain-of-custody documentation are provided in Attachment 4.

Well Completion

The well was installed according to the procedures specified in the Guidelines, Section 2: Procedures for Constructing Monitoring Wells. An as-built diagram and specific completion details for the well are provided with the geologic log in Attachment 3. General specifications adhered to during well installation are as follows:

- The well was constructed using 15 feet of 2-inch-diameter, 0.010-inch-slot, Schedule 40 (SCH 40) poly-vinyl chloride (PVC), machine cut, flush-threaded well screen, with blank 2-inch-diameter SCH 40 PVC casing to the surface and a 2-inch PVC pointed end cap.

- The targeted well screen placement was approximately 5 feet above and 10 feet below the static water table, as estimated following completion of the drilling of the borehole. Although the water level in the borehole was observed prior to well construction, the screen placement varied with respect to the final water table elevation observed following well completion.

- Filter pack consisting of 10/20 silica sand was installed in the well annulus from the bottom of the soil boring to approximately 3 feet above the top of the well screen.

- A 3-foot-thick activated bentonite chip seal was installed on top of the filter pack.

- The remaining annulus was filled with a cement/bentonite grout.

- The well was completed with a locking cap within a flush-mount, traffic-grade well vault. A circular, 6-inch-thick (minimum), high early strength concrete pad (minimum three-day strength of 4,000 psi) was poured around the well vault to mitigate vehicular traffic and pedestrian disturbance. The surface completion included an 8-inch-diameter vault and an 18-inch-diameter concrete pad.

Well Development and Sampling

The newly installed well was developed by Enviro-Drill after completion on March 14, 2014 and sampled by DBS&A, along with the other four existing site wells, on March 25, 2014. Well development was conducted pursuant to Section 1.5.1 of the Guidelines by purging the well until turbidity was reduced to the extent practicable.

Wells were gauged prior to purging and sampling using a decontaminated interface probe. The water level measurements were recorded in the field notebook. Following gauging, wells were purged and sampled for laboratory analysis. Wells were purged using disposable polyethylene hand bailers. A minimum of three casing volumes were bailed from each well. During purging, groundwater field parameters including dissolved oxygen (DO), oxidation-reduction potential (ORP), electrical conductivity (EC), pH, and temperature were measured and recorded.

Once purged, the wells were sampled for laboratory analysis by using dedicated, disposable, polyethylene bottom emptying devices to transfer groundwater samples from the bailers into laboratory prepared 40-milliliter (mL) glass sample bottles containing mercuric chloride preservative. Groundwater samples were labeled and preserved on ice in an insulated cooler for delivery to HEAL in Albuquerque, New Mexico for analysis. Groundwater samples were analyzed for VOCs using EPA method 8260B (full list). Samples were accompanied by full chain-of-custody documentation at all times.

Groundwater Analytical Results

Groundwater samples were collected for laboratory analysis from the five Pino's Fina site monitor wells including: MW-7, AEE-1R, AEE-2, PF-1, and PF-3. A summary of groundwater analytical organic chemistry data from this and previous monitoring events is included in Table 3. The following changes were noted since the last monitoring event conducted by DBS&A in July 2013:

- MW-7: No COCs were detected above the New Mexico Water Quality Control Commission (NMWQCC) standards during this monitoring event. Ethylbenzene (55 µg/L), total xylenes (10 µg/L), and total naphthalenes (26.1 µg/L) were detected in the well, but at concentrations below their respective standards. During the last monitoring event, the well contained 0.08 foot of NAPL. This was the first time since monitoring of the well began in March 1996 that NAPL was detected. Approximately 0.1 gallons of NAPL was recovered from the well (Table 2).

- AEE-1R: No COCs were detected above the NMWQCC standards during this monitoring event. Benzene (1.2 µg/L), ethylbenzene (20 µg/L), total xylenes (140 µg/L), MTBE (3.9 µg/L), and total naphthalenes (21.8 µg/L) were detected in the well, but at concentrations below their respective standards.

- AEE-2: No COCs were detected in the well at concentrations above the laboratory reporting limits during this monitoring event with the exception of ethylbenzene, which was present below the standard at 5.2 µg/L. Since September 2005, no COCs have exceeded the NMWQCC standards in the well.

- PF-1: Benzene (52 µg/L), ethylbenzene (2,000 µg/L), total xylenes (3,800 µg/L), and total naphthalenes (980 µg/L), were present above the NMWQCC standards during this monitoring event. Toluene (46 µg/L) was also detected in the well, but at a concentration below the standard. During the previous three monitoring events, dating back to August 2011, the well has contained NAPL at thicknesses ranging from 0.02 to 0.60 foot. Approximately 0.33 gallons of NAPL has been recovered from the well (Table 2).

- PF-3: No COCs were detected above the NMWQCC standards during this monitoring event with the exception of benzene and ethylbenzene, which were present below the

standards at 3.5 and 1.5 µg/L, respectively. Since August 2011, no COCs have exceeded the NMWQCC standards in the well.

Laboratory analytical results for the groundwater samples are summarized in Table 3 and shown on Figure 2. Complete laboratory analytical reports and chain-of-custody documentation are provided in Attachment 4.

Investigation Derived Waste

Management of investigation derived waste (IDW) was handled in accordance with the Guidelines. Soil cuttings generated during drilling and well development water were containerized in NMDOT-approved 55-gallon steel drums and staged on the vacant lot near Ross Texaco monitor well MW-13R. The drums were collected by Gandy Marley, Inc. on April 21, 2014 and transported to their licensed facility in Tatum, New Mexico for disposal.

Survey

Top of casing elevations for the newly installed and existing Pino's Fina monitor wells were surveyed in accordance with Section 2 of the Guidelines by Surveying Control, Inc., of Albuquerque, New Mexico on April 24, 2014. Survey results are presented in Attachment 5.

The survey elevations helped produce a potentiometric surface elevation map from the March 25, 2014 groundwater monitoring event, which is included in this report as Figure 3. A summary of historical fluid level measurements from this and previous monitoring events is provided in Table 4. Groundwater levels measured in all of the existing Pino's Fina site wells showed increases since the last monitoring event in July 2013. The gradient is extremely flat beneath the site, with groundwater elevations in monitor well PF-1 (farthest north well) and MW-7 (farthest south well) varying by only 0.10 foot. Off-site to the east and southeast beneath the Ross Texaco site, the gradient increases.

Conclusions and Recommendations

One new on-site groundwater monitor well was installed at the Pino's Fina site on March 14, 2014. Monitor well AEE-1R was installed to replace monitor well AEE-1, which was destroyed in August 2004. Prior to being destroyed, AEE-1 contained elevated concentrations of a number of COCs dating back to July 1999 (Table 3).

PID readings above 100 ppmv were encountered in the AEE-1R borehole above the water table in the 10 to 15 feet bgs sample interval (995.2 ppmv) and at the water table interface in the 15 to 20 ft bgs sample interval (>15,000 ppmv).

Soil analytical results showed total xylenes to be above the Tier 1 RBSL in samples collected at the water table interface and from the bottom of the boring. Total naphthalenes were above the

Tier 1 RBSL in all three samples collected from above the water table, at the water table interface, and from the bottom of the boring.

The groundwater sample collected from the newly installed well, AEE-1R, did not show any COCs to be present at concentrations above the respective NMWQCC standards. NAPL was not detected in the well.

In existing site wells, the groundwater sample collected from monitor well PF-1 contained benzene, ethylbenzene, total xylenes, and total naphthalenes above the respective NMWQCC standards. This well contained NAPL during the previous three monitoring events dating back to August 2011. The absence of NAPL in the well may be attributable to the increase in water levels beneath the site. Groundwater samples collected from monitor wells MW-7, AEE-2, and PF-3 did not contain any COCs at concentrations above the standards.

DBS&A recommends that groundwater monitoring continue at the Pino's Fina site to establish contaminant concentration trends in the newly installed well and to monitor trends in existing wells where COCs are present at concentrations above NMWQCC standards. In addition, DBS&A recommends that NAPL recovery via hand bailing from PF-1 and MW-7 be conducted in conjunction with groundwater monitoring if NAPL is detected in either or both of these wells during future monitoring events.

This letter report constitutes the deliverable for deliverable ID No. 3720-1. DBS&A intends to invoice the full approved amount of $15,213.10 (including NMGRT). If you have any questions or require additional information, please contact me at (505) 822-9400.

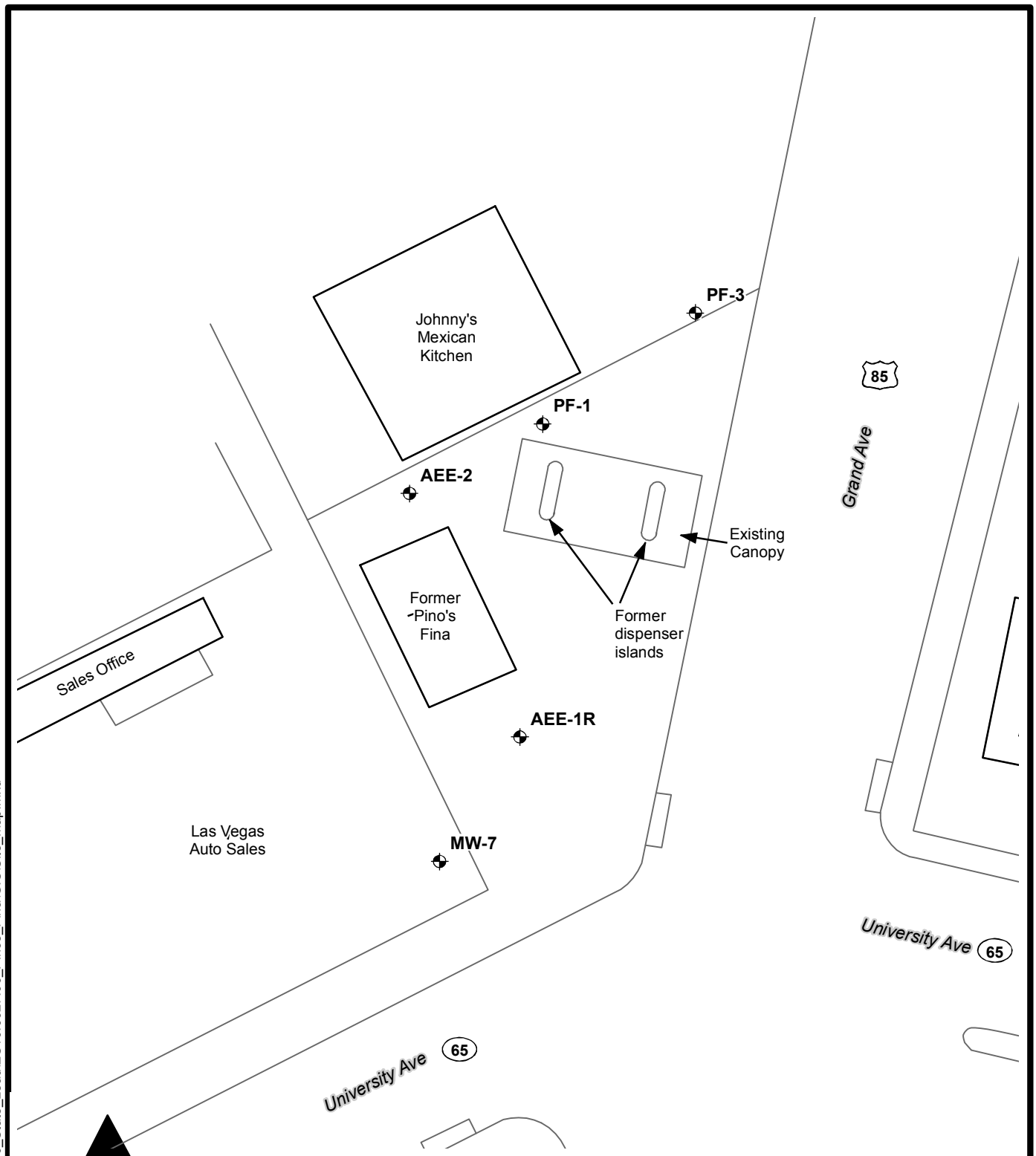
Sincerely,

DANIEL B. STEPHENS & ASSOCIATES, INC.

Michael D. McVey
Senior Hydrogeologist

MDM/js
Attachments

Figures



Source: Haller & Associates, Inc., October 6, 2005

Explanation

Monitor well

Path: S:\Projects\ES10.0027_NMED_2010_State_Lead\ES10.0027.06_Pinos_Fina\GIS\Site_map.mxd

Daniel B. Stephens & Associates, Inc.

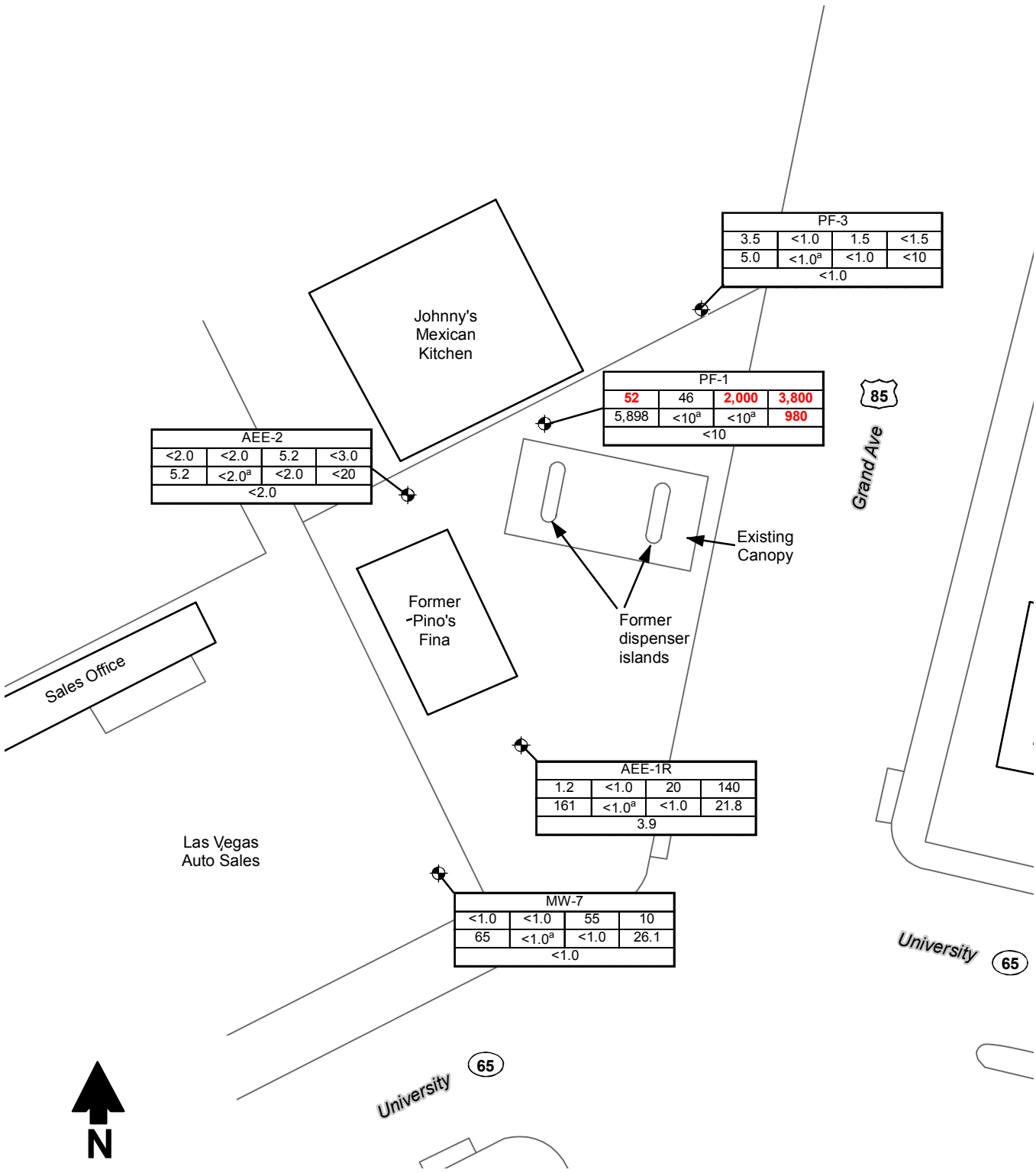
5/27/2014

JN ES10.0027.06

PINO'S FINA

Site Map

Figure 1



Source: Haller & Associates, Inc., October 6, 2005

Location Designation			
Benzene	Toluene	Ethylbenzene	Total Xylenes
BTEX	EDB	EDC	Total Naphthalenes
MTBE			

Notes:
1. All concentrations reported in µg/L.
2. [a] Laboratory reporting limit is equal to or above the NMWQCC standard.
3. **Bold** indicates concentrations that exceed the applicable standard.

Explanation

Monitor well

PINO'S FINA

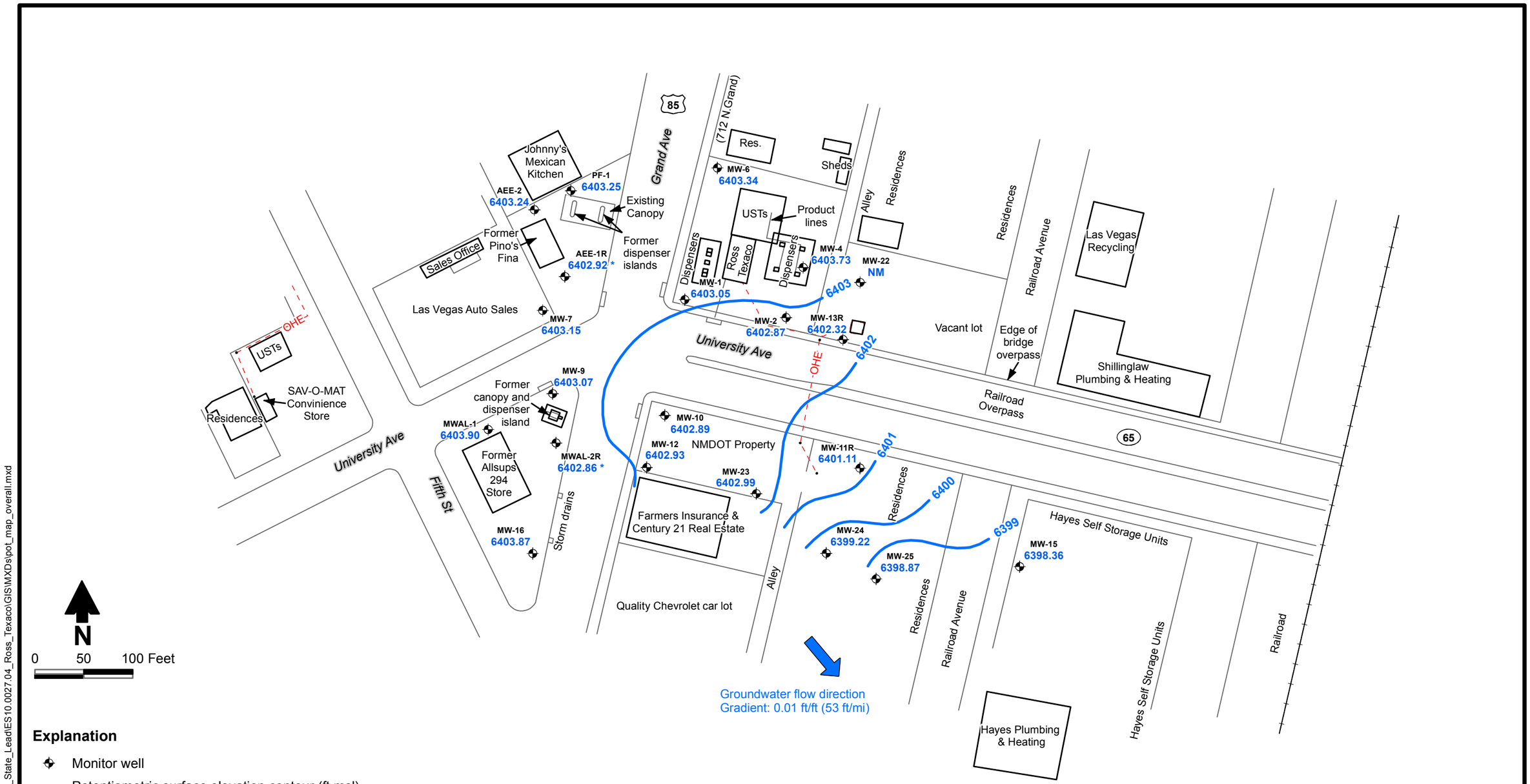
Distribution of Dissolved-Phase Contaminants
March 25, 2014

Path: S:\Projects\ES10.0027_NMED_2010_State_Lead\ES10.0027.06_Pinos_Fina\GIS\dcp_map.mxd

Daniel B. Stephens & Associates, Inc.

5/27/2014 JN ES10.0027.06

Figure 2



Explanation

- Monitor well
- Potentiometric surface elevation contour (ft msl)

MW-24 Monitor well designation
6399.22 Potentiometric surface elevation (ft msl)

Notes:
1. MW = Ross Texaco monitor well
2. MWAL = Allsup's monitor well
3. PF = Pino's Fina monitor well
4. AEE = Pino's Fina monitor well installed by AE&E
4. * Well not used for contouring

Source: Haller & Associates, Inc., October 6, 2005

ROSS TEXACO, PINO'S FINA, AND ALLSUPS 294

Potentiometric Surface Elevations March 24, 25, and 26, 2014

Daniel B. Stephens & Associates, Inc.
5/29/2014 JN ES10.0027.04

Figure 3

Path: S:\Projects\ES10.0027_NMED_2010_State_Lead\ES10.0027.04_Ross_Texaco\GIS\MXDs\pot_map_overall.mxd

Tables

Table 1. Summary of Soil Analytical Organic Chemistry Data
Pino's Fina, Las Vegas, New Mexico
Page 1 of 1

Sample ID	Date Sampled	Sample Depth (ft bgs)	Concentration [a] (mg/kg)							
			Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	EDC	EDB	Total Naphthalenes
Tier 1 Soil Concentration [b]			*0.02*	*2.09*	*17.23*	*2.91*	*0.04*	*0.01*	*0.0001*	*0.68*
AEE-1R	03/14/14	10-15	<0.032 [c]	<0.032	0.039	0.2	<0.032	<0.032 [c]	<0.032 [c]	**0.87**
	03/14/14	17-19	<0.67 [c]	<0.67	4.1	**16**	<0.67 [c]	<0.67 [c]	<0.67 [c]	**5.3**
	03/14/14	29-30	<0.20 [c]	<0.20	0.35	**4.3**	<0.20 [c]	<0.20 [c]	<0.20 [c]	**3.3**

Bold values indicate concentrations at or above applicable Tier 1 risk-based screening levels**.**

[a] Analyzed in accordance with U.S. Environmental Protection Agency (EPA) method 8260B, unless otherwise noted.

[b] Tier 1 risk-based screening level protective of groundwater assuming no transport zone in the unsaturated zone (DAF_{unsat} = 1).

[c] Laboratory reporting limit is equal to or greater than applicable risk-based screening level.

ft bgs = Feet below ground surface
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
AEE = Pino's Fina monitor well
MW = Ross Texaco monitor well
MWAL = Allsups 294 monitor well

Table 2. Summary of NAPL Recovery
Ross Texaco, Allsups 294, and Pino's Fina, Las Vegas, New Mexico
Page 1 of 3

Date	Depth to Water [a] (ft btoc)	Depth to NAPL (ft btoc)	Initial NAPL Thickness (feet)	Depth to Water [b] (ft btoc)	Total Volume of Fluids Removed (gallons)	Volume of NAPL Removed (gallons)	Cumulative Volume of NAPL Removed (gallons)	Final Thickness of NAPL (feet)
Between January 2004 and September 2005, approximately 4.35 gallons of NAPL was recovered from the site by DBS&A and Haller and Associates, Inc. [c]								
MW-1								
10/01/12	16.70	16.09	0.61	16.24	1.76	0.55	0.55	0.0
07/09/13	15.73	15.70	0.03	15.71	1.75	0.01	0.56	0.0
03/26/14	14.97	14.96	0.01	14.96	1.50	Sheen	0.56	0.0
MW-4								
08/16/11	16.12	16.11	0.01	16.11	1.0	0.01	0.01	0.0
03/26/12	16.20	16.15	0.05	16.16	1.0	0.01	0.02	0.0
10/01/12	16.80	ND	0.02 [d]	16.79	2.5	0.31	0.33	0.0
07/09/13	17.33	17.30	0.03	17.31	3.0	0.01	0.34	0.0
MW-7								
07/08/13	18.30	ND	0.08 [d]	18.24	3.0	0.10	0.10	0.0
MW-10								
07/08/13	16.00	15.85	0.15	15.89	3.75	0.03	0.03	0.0
MW-12								

[a] Depth to water (DTW) before correction for NAPL thickness.
[b] DTW corrected for NAPL thickness using the following equation: DTW = DTW - (NAPL thickness x 0.75).
[c] From Table 4, PSH Removal Data (Haller, 2005)
[d] NAPL thickness confirmed with bailer
NAPL = Nonaqueous-phase liquid
ft btoc = Feet below top of casing
ND = Not detected with interface probe

Table 2. Summary of NAPL Recovery
Ross Texaco, Allsups 294, and Pino's Fina, Las Vegas, New Mexico
Page 2 of 3

Date	Depth to Water [a] (ft btoc)	Depth to NAPL (ft btoc)	Initial NAPL Thickness (feet)	Depth to Water [b] (ft btoc)	Total Volume of Fluids Removed (gallons)	Volume of NAPL Removed (gallons)	Cumulative Volume of NAPL Removed (gallons)	Final Thickness of NAPL (feet)
08/16/11	15.95	15.65	0.30	15.73	0.81	0.09	0.09	0.0
03/26/12	16.01	15.69	0.32	15.77	1.95	0.05	0.14	0.0
10/02/12	16.41	ND	0.19 [d]	16.27	5.5	0.75	0.89	0.0
07/09/13	16.33	16.00	0.33	16.08	6.0	0.40	1.29	0.01
03/26/14	15.31	15.27	0.04	15.28	2.0	0.10	1.39	0.0
MW-23								
10/02/12	15.40	ND	0.08 [d]	15.34	3.5	0.3	0.3	0.0
07/09/13	15.80	15.60	0.20	15.65	3.50	0.03	0.33	0.0
MWAL-2								
08/16/11	16.71	16.48	0.23	16.54	0.38	0.02	0.02	0.0
03/26/12	16.67	16.55	0.12	16.58	2.75	0.01	0.03	0.0
10/02/12	17.73	17.30	0.43	17.41	1.90	0.20	0.23	0.0
07/08/13	Well Destroyed during UST removal in November 2013							
PF-1								
08/16/11	18.11	18.08	0.03	18.09	0.50	0.01	0.01	0.0

[a] Depth to water (DTW) before correction for NAPL thickness.
[b] DTW corrected for NAPL thickness using the following equation: DTW = DTW - (NAPL thickness x 0.75).
[c] From Table 4, PSH Removal Data (Haller, 2005)
[d] NAPL thickness confirmed with bailer
NAPL = Nonaqueous-phase liquid
ft btoc = Feet below top of casing
ND = Not detected with interface probe

Table 2. Summary of NAPL Recovery
Ross Texaco, Allsups 294, and Pino's Fina, Las Vegas, New Mexico
Page 3 of 3

Date	Depth to Water [a] (ft btoc)	Depth to NAPL (ft btoc)	Initial NAPL Thickness (feet)	Depth to Water [b] (ft btoc)	Total Volume of Fluids Removed (gallons)	Volume of NAPL Removed (gallons)	Cumulative Volume of NAPL Removed (gallons)	Final Thickness of NAPL (feet)
PF-1 (cont.)								
10/02/12	19.40	18.80	0.60	18.95	3.85	0.31	0.32	0.0
07/09/13	19.42	19.40	0.02	19.41	2.50	0.01	0.33	0.0

[a] Depth to water (DTW) before correction for NAPL thickness.
[b] DTW corrected for NAPL thickness using the following equation: DTW = DTW - (NAPL thickness x 0.75).
[c] Table 4, PSH Removal Data (Haller, 2005)
[d] NAPL thickness confirmed with bailer
NAPL =Nonaqueous-phase liquid
ft btoc = Feet below top of casing
ND = Not detected with interface probe

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico
Page 1 of 24

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
MW-1	03/30/96	**7,000**	**2,700**	**800**	**1,800**	12,300	**460**	<0.01	<8.0	---
	04/29/97	**12,000**	**5,000**	**1,600**	**5,600**	24,200	**3,100**	---	---	---
	08/29/97	**11,000**	**4,700**	**1,600**	**5,800**	23,100	**1,400**	---	---	---
	12/10/97	**7,900**	**2,100**	**930**	**2,600**	13,530	**710**	---	---	---
	07/14/99	**7,300**	**2,100**	**1,500**	**2,800**	13,700	<100	---	---	---
	10/06/99	**8,500**	**2,500**	**1,600**	**4,100**	16,700	<100	---	---	---
	02/24/00	**3,000**	**1,800**	**860**	**1,900**	7,560	<100	---	---	---
	03/24/05	**1,500**	500	**3,400**	**12,000**	17,400	<100	<100 [d]	<100	---
	09/15/05	**850**	100	**1,900**	**5,700**	8,550	<100	<100 [d]	<100	**370**
	08/16/11	**160**	9.7	**1,400**	520	2,089.7	22	<1.0 [d]	<1.0	**228**
	10/01/12	Not sampled - 0.61 ft NAPL								
	07/08/13	Not sampled - 0.03 ft NAPL								
	03/26/14	Not sampled - 0.01 ft NAPL								
MW-2	03/30/96	1.8	<0.5	<0.5	<0.5	1.8	91	<0.01	<0.2	---
	05/01/97	**49.0**	2.3	9.6	11	71.9	**100**	---	---	---
	08/28/97	6.5	0.5	1.8	1.1	9.9	61	---	---	---
	12/10/97	0.8	<0.5	<0.5	0.6	1.4	55	---	---	---
	07/14/99	6.9	1.3	4.5	7.9	20.6	8.6	---	---	---

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
MW-2 (cont.)	10/06/99	4.6	1.0	3.6	4.8	14.0	33	---	---	---
	02/25/00	1.7	<0.5	1.6	2.2	5.5	10	---	---	---
	11/03/00	2.5	2.1	17	25	46.6	14	---	---	---
	12/10/03	**18**	<1.0	66	17	101	40	---	---	---
	08/06/04	**16**	<1.0	180	20	216	39	<1.0 [d]	<1.0	15.6
	01/10/05	**15**	<5.0	140	52	207	47	<5.0 [d]	<5.0	16
	03/24/05	**54**	<5.0	520	260	834	22	<5.0 [d]	<5.0	**39**
	06/07/05	2.9	<1.0	49	19	70.9	8.2	<1.0 [d]	<1.0	5.6
	09/14/05	**11**	<2.0	110	42	163	9.2	<2.0 [d]	<2.0	11
	08/16/11	**67**	<1.0	13	8.4	88.4	14	<1.0 [d]	<1.0	<20
	10/01/12	3.2	<2.0	13	<3.0	16.2	16	<2.0 [d]	<2.0	<20
	07/09/13	2.8	<1.0	18	<1.5	20.8	9.0	<1.0 [d]	<1.0	<10
MW-3	03/30/96	<0.5	<0.5	<0.5	<0.5	<0.5	42	<0.01	<0.2	
	05/01/97	Well destroyed								
MW-4	03/27/96	Not sampled - 1.17 ft NAPL								
	03/28/96	**20,000**	**1,600**	**1,400**	**1,100**	24,100	**15,000**	<0.01	9.1	---
	05/01/97	Not sampled - 0.42 ft NAPL								
	08/15/11	Not sampled - 0.01 ft NAPL								

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.

µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico
Page 3 of 24

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
MW-4 (cont.)	10/01/12	Not sampled - 0.02 ft NAPL								
	07/08/13	Not sampled - 0.03 ft NAPL								
MW-5		Well destroyed								
MW-6	03/30/96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.01	<0.2	---
	04/29/96	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---
	07/14/99	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---
	10/06/99	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---
	01/07/00	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---
	02/25/00	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---
	01/19/01	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---
	04/26/01	<0.5	<0.5	<0.5	<0.5	<2.0	<2.5	---	---	---
	07/25/01	<0.5	0.97	1.5	9.3	11.77	<2.5	---	---	---
	06/27/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0 [d]	<1.0	---
	08/29/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0 [d]	<1.0	---
	12/11/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0 [d]	<1.0	---
	07/17/03	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0 [d]	<1.0	---
	12/11/03	<1.0	<1.0	<1.0	<1.0	<4.0	7.0	<1.0 [d]	<1.0	---
	08/06/04	<1.0	<1.0	<1.0	<1.0	<4.0	2.1	<1.0 [d]	<1.0	<10

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico
Page 4 of 24

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
MW-6 (cont.)	01/10/05	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0 [d]	<1.0	<10
	09/14/05	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0 [d]	<1.0	<10
	08/16/11	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0 [d]	<1.0	<10
	10/01/12	2.3	<1.0	<1.0	<1.5	2.3	<1.0	<1.0 [d]	<1.0	<10
	07/09/13	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0 [d]	<1.0	<10
	03/26/14	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0 [d]	<1.0	<10
MW-7	03/29/96	**11**	<0.5	9.8	0.9	21.7	39	<0.01	<0.2	---
	05/01/97	**42**	4.1	9.9	14	70	**110**	---	---	---
	12/11/97	**28**	<0.5	1.7	3.0	32.7	70	---	---	---
	07/14/99	1.6	0.6	2.2	0.9	5.3	<2.5	---	---	---
	10/07/99	6.2	1.1	4.7	1.5	13.5	7.5	---	---	---
	01/07/00	<0.5	<0.5	<0.5	<0.5	<20	7.3	---	---	---
	02/24/00	2.9	<0.5	0.6	0.7	4.2	7.1	---	---	---
	11/03/00	**12**	0.6	7.9	4.4	24.9	27	---	---	---
	01/20/01	**13**	1.4	28	7.2	49.6	16	---	---	---
	04/26/01	6.6	1.0	10	6.4	24	3.2	---	---	---
	07/25/01	**14**	1.0	18	6.0	39	3.2	---	---	---
	06/27/02	2.3	<1.0	2.6	1.5	6.4	3.4	<1.0 [d]	<1.0	---

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico
Page 5 of 24

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
MW-7 (cont.)	08/29/02	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0 [d]	<1.0	---
	12/11/02	2.6	1.0	1.7	3.7	9	7.1	<1.0 [d]	<1.0	---
	07/13/03	**16**	14	28	54	112	3.5	<1.0 [d]	<1.0	---
	08/06/04	**91**	<20	710	250	1,051	51	<20 [d]	<20	**185**
	03/24/05	**31**	<20	560	73	664	<20	<20 [d]	<20	**85**
	06/07/05	**30**	<10	420	18	468	12	<10 [d]	<10	**55**
	09/15/05	**36**	<5.0	330	19	385	11	<5.0 [d]	<5.0	**89**
	08/16/11	<1.0	<1.0	1.5	<1.5	1.5	1.2	<1.0 [d]	<1.0	<10
	10/02/12	<1.0	<1.0	1.9	<1.5	1.9	1.5	<1.0 [d]	<1.0	<10
	07/08/13	Not sampled - 0.08 ft NAPL								
	03/25/14	<1.0	<1.0	55	10	65	<1.0	<1.0 [d]	<1.0	26.1
MW-8	03/29/96	**13**	<0.5	<0.5	<0.5	13	**790**	<0.01	<2.0	---
	05/01/97	**28**	2.2	1.5	1.8	33.5	**470**	---	---	---
	08/28/97	**18**	0.8	1.5	1.0	21.3	**480**	---	---	---
	10/06/99	Well destroyed								
MW-9	03/29/96	**510**	18	72	91	691	77	<0.01	<0.2	---
	05/01/97	**3,900**	290	**1,500**	**3,900**	9,590	**170**	---	---	---
	08/29/97	**2,200**	250	**1,100**	**3,000**	6,550	**150**	---	---	---

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico
Page 6 of 24

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
MW-9 (cont.)	12/11/97	**2,300**	270	**1,300**	**3,300**	7,170	**130**	---	---	---
	07/14/99	**1,200**	59	280	**980**	2,519	<13	---	---	---
	10/07/99	**2,400**	170	**900**	**2,900**	6,370	<100	---	---	---
	08/06/04	**1,300**	54	**1,000**	**1,600**	3,954	**150**	<50 [d]	<50	**1,060**
	01/11/05	**2,300**	140	**1,400**	**3,200**	7,040	63	<50 [d]	<50	**1,100**
	09/15/05	**1,700**	170	**1,200**	**2,500**	5,570	<50	<50 [d]	<50	**320**
	08/16/11	**350**	24	**800**	**660**	1,834	4.5	<1.0 [d]	<1.0	**266**
	10/02/12	**32**	<10	<10	53	85	<10	<10 [d]	<10 [d]	<100 [d]
	07/17/13	**21**	<10	26	<15	47	<10	<10 [d]	<10 [d]	<100 [d]
	03/24/14	**28**	<2.0	38	4.0	70	3.0	<2.0 [d]	<2.0	<20
MW-10	07/14/99	**890**	600	330	**2,000**	3,820	**160**	---	---	---
	10/06/99	**940**	450	310	**1,600**	3,300	**390**	---	---	---
	07/25/01	**1,900**	**2,200**	**1,000**	**5,400**	10,500	<250	---	---	---
	09/15/05	**410**	81	510	**1,600**	2,601	94	<20 [d]	<20	**120**
	08/16/11	**380**	6.7	390	**1,000**	1,776.7	**110**	<1.0 [d]	<1.0	**520**
	10/01/12	Well buried								
	07/08/13	Not sampled - 0.15 ft NAPL								
	03/26/14	**720**	26	**1,300**	**2,600**	4,646	**130**	<10 [d]	<10 [d]	**620**

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico
Page 7 of 24

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
MW-11	03/28/96	**230**	13	64	63	370	**680**	<0.01	0.6	---
	05/01/97	**290**	22	91	59	462	**980**	---	---	---
	08/29/97	**42**	9.0	42	44	137	**1,100**	---	---	---
	08/06/04	**160**	2.3	82	37	281.3	63	<1.0 [d]	<1.0	4.3
	09/14/05	**40**	1.2	45	23	109.2	32	<1.0 [d]	<1.0	<10
	08/16/11	Well buried or destroyed								
MW-11R	03/26/14	<1.0	<1.0	<1.0	<1.5	<4.5	67	<1.0 [d]	<1.0	<10
MW-12	03/28/96	**800**	110	390	260	1,560	**240**	<0.01	<2.0	---
	05/01/97	**1,200**	**950**	**800**	**2,600**	5,550	**210**	---	---	---
	08/29/97	**1,900**	**2,200**	**1,700**	**6,300**	12,100	**300**	---	---	---
	12/11/97	**360**	140	340	**950**	1,790	67	---	---	---
	07/14/99	**750**	240	530	**1,000**	2,520	<100	---	---	---
	10/06/99	**260**	110	180	360	910	65	---	---	---
	08/15/11	Not sampled - 0.30 ft NAPL								
	10/01/12	Not sampled - 0.19 ft NAPL								
	07/08/13	Not sampled - 0.33 ft NAPL								
	03/26/14	Not sampled - 0.04 ft NAPL								
MW-13	03/30/96	**18**	0.7	8.1	3.5	30.3	24	<0.01	<0.2	<10

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
MW-13 (cont.)	01/11/05	<1.0	<1.0	<1.0	<1.0	<4.0	2.1	<1.0 [d]	<1.0	<10
	03/24/05	5.4	<1.0	10	<1.0	15.4	1.1	<1.0 [d]	<1.0	<10
	06/07/05	1.0	<1.0	2.0	<1.0	3.0	1.9	<1.0 [d]	<1.0	<10
	09/14/05	5.3	<1.0	13	<1.0	18.3	3.3	<1.0 [d]	<1.0	<10
	08/16/11	Well buried or destroyed								
MW-13R	03/26/14	**89**	<1.0	92	15	196	1.5	<1.0 [d]	<1.0	<10
MW-14	03/28/96	<0.5	1.1	<0.5	0.5	1.6	<2.5	<0.01	<0.2	---
	05/01/97	<0.5	<0.5	<0.5	<0.5	<20	<2.5	---	---	---
	08/29/02	<1.0	<1.0	<1.0	<1.0	<4.0	88	<1.0 [d]	<1.0	---
	12/11/02	**13**	1.1	7.4	3.4	24.9	78	<1.0 [d]	<1.0	---
	08/06/04	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0 [d]	<1.0	<10
	09/14/05	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0 [d]	<1.0	<10
	08/16/11	Well buried or destroyed								
MW-15	03/28/96	3.6	<0.5	1.7	0.5	5.8	**590**	<1.0 [d]	1.6	---
	05/01/97	3.2	2.6	17	4.6	27.4	**490**	---	---	---
	08/28/97	4.7	0.5	6.6	3.0	14.8	**590**	---	---	---
	12/11/97	0.5	1.2	14	6.5	22.2	**1100**	---	---	---
	07/13/99	<0.5	1.9	22	4.1	28	**560**	---	---	---

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
MW-15 (cont.)	10/06/99	**140**	11	460	210	821	**260**	---	---	---
	01/06/00	<0.5	0.8	6.1	1.3	8.2	**430**	---	---	---
	02/24/00	2.6	<0.5	3.1	1.1	6.8	**390**	---	---	---
	11/02/00	3.9	1.6	160	62	227.5	**220**	---	---	---
	04/25/01	**17**	<0.5	61	19	97	**140**	---	---	---
	07/25/01	2.3	<0.5	14	5.0	21.3	**320**	---	---	---
	06/26/02	<1.0	<1.0	150	73	223	96	<1.0 [d]	<1.0	---
	08/29/02	<5.0	<5.0	84	23	107	79	<5.0 [d]	<5.0	---
	10/10/02	<5.0	<5.0	160	62	222	**370**	<5.0 [d]	9.6	---
	07/13/03	<1.0	<1.0	<1.0	<1.0	<4.0	68	<1.0 [d]	1.5	---
	08/06/04	4.7	<1.0	37	1.7	43.4	**200**	<1.0 [d]	<1.0	15
	01/10/05	**43**	<5.0	290	11	344	**210**	<5.0 [d]	<5.0	<50
	03/24/05	<1.0	<1.0	90	1.4	91.4	95	<1.0 [d]	<1.0	4.0
	06/07/05	<1.0	<1.0	4.2	<1.0	4.2	67	<1.0 [d]	<1.0	<10
	09/14/05	<1.0	<1.0	1.8	<1.0	1.8	**190**	<1.0 [d]	<1.0	<10
	08/16/11	<2.0	<2.0	<2.0	<3.0	<9.0	87	<2.0 [d]	<2.0	<20
	03/26/14	<1.0	<1.0	<1.0	<1.5	<4.5	41	<1.0 [d]	<1.0	<10
MW-16	03/29/96	<0.5	<0.5	<0.5	<0.5	<20	<2.5	<0.01	<0.2	---

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.

µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico
Page 10 of 24

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
MW-16 (cont.)	05/01/97	<0.5	<0.5	<0.5	<0.5	<20	3.0	---	---	---
	08/29/02	<1.0	<1.0	<1.0	<1.0	<4.0	7	<1.0 [d]	<1.0	---
	12/10/03	<1.0	<1.0	<1.0	<1.0	<4.0	15	<1.0 [d]	<1.0	---
	08/06/04	<1.0	<1.0	<1.0	<1.0	<4.0	16	<1.0 [d]	<1.0	<10
	09/14/05	<1.0	<1.0	<1.0	<1.0	<4.0	14	<1.0 [d]	<1.0	<10
	08/16/11	<1.0	<1.0	<1.0	<1.5	<4.5	14	<1.0 [d]	<1.0	2.4
	10/02/12	<1.0	<1.0	<1.0	<1.5	<4.5	12	<1.0 [d]	<1.0	<10
	07/17/13	<1.0	<1.0	<1.0	<1.5	<4.5	11	<1.0 [d]	<1.0	<10
	03/24/14	<2.0	<2.0	<2.0	<3.0	<9.0	9.3	<2.0 [d]	<2.0	<20
MW-17	03/28/96	<0.5	<0.5	<0.5	<0.5	<20	**190**	<0.01	3.4	---
	05/01/97	<0.5	<0.5	<0.5	<0.5	<20	78	---	---	---
	07/14/99	<0.5	<0.5	<0.5	<0.5	<20	79	---	---	---
	10/06/99	<0.5	<0.5	<0.5	<0.5	<20	**120**	---	---	---
	01/06/00	<0.5	<0.5	<0.5	<0.5	<20	70	---	---	---
	02/24/00	<0.5	<0.5	<0.5	<0.5	<20	77	---	---	---
	11/02/00	<0.5	<0.5	<0.5	<0.5	<20	52	---	---	---
	01/20/01	<0.5	<0.5	<0.5	<0.5	<20	58	---	---	---
	04/26/01	<0.5	<0.5	<0.5	<0.5	<20	45	---	---	---

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico
Page 11 of 24

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
MW-17 (cont.)	07/25/01	<0.5	<0.5	<0.5	<0.5	<20	48	---	---	---
	06/26/02	<1.0	<1.0	<1.0	<1.0	<4.0	40	<1.0 [d]	1.2	---
	08/29/02	<1.0	<1.0	<1.0	<1.0	<4.0	33	<1.0 [d]	<1.0	---
	12/10/02	<1.0	<1.0	<1.0	<1.0	<4.0	43	<1.0 [d]	2.4	---
	07/17/03	<1.0	<1.0	<1.0	<1.0	<4.0	35	<1.0 [d]	1.7	---
	12/10/03	<1.0	<1.0	<1.0	<1.0	<4.0	41	<1.0 [d]	1.8	---
	08/06/04	<1.0	<1.0	<1.0	<1.0	<4.0	67	<1.0 [d]	1.8	<10
	09/15/05	<1.0	<1.0	<1.0	<1.0	<4.0	65	<1.0 [d]	<1.0	<10
	08/16/11	Well destroyed								
MW-19	03/29/96	**5,300**	190	250	54	5,794	**140**	<0.01	<1.0	---
	05/01/97	**2,400**	250	470	170	3,290	48	---	---	---
	08/29/97	**650**	5.0	<2.5	<2.5	655	28	---	---	---
	12/11/97	**2,000**	550	680	150	3,380	<50	---	---	---
	07/13/99	**190**	4.1	98	2.1	294	<2.5	---	---	---
	10/07/99	**170**	3.0	55	<0.5	228	<2.5	---	---	---
	01/07/00	**100**	1.9	57	<1.0	159	<5.0	---	---	---
	02/24/00	**61**	1.5	24	<0.5	87	<2.5	---	---	---
	11/02/00	5.9	12	7.8	33	59	13	---	---	---

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
MW-19 (cont.)	01/19/01	2.6	<0.5	<0.5	0.64	3.2	12	---	---	---
	04/25/01	2.5	<0.5	<0.5	<0.5	2.5	8.7	---	---	---
	07/25/01	1.2	<0.5	<0.5	<0.5	1.2	17	---	---	---
	12/10/02	1.4	<1.0	<1.0	<1.0	1.4	6.8	<1.0 [d]	<1.0	---
	07/13/03	3.5	<1.0	<1.0	<1.0	3.5	10	<1.0 [d]	<1.0	---
MW-20	03/28/96	**18**	3.3	290	250	561.3	**1,000**	<0.01	0.6	---
	05/01/97	**49**	<20	490	**640**	1179	**280**	---	---	---
	08/28/97	**16**	<10	300	380	696	**210**	---	---	---
	11/02/00	<0.5	<0.5	<0.5	<0.5	<20	<2.5	---	---	---
	04/25/01	**12**	15	590	600	1217	62	---	---	---
	06/26/02	<5.0	<5.0	110	47	157	**210**	<5.0 [d]	<5.0	---
	12/10/02	<5.0	5.4	<5.0	300	305.4	**240**	<5.0 [d]	<5.0	---
	12/11/03	<5.0	<5.0	24	<5.0	24	**150**	<5.0 [d]	<5.0	---
	08/06/04	2.6	<1.0	8.6	<1.0	11.2	88	<1.0 [d]	<1.0	---
	09/14/05	<1.0	<1.0	3.6	85.8	89.4	28	<1.0 [d]	<1.0	<10
	08/16/11	<2.0	<2.0	<2.0	<3.0	<9.0	48	<2.0 [d]	<2.0	<20
MW-21	03/28/96	<0.5	<0.5	<0.5	<0.5	<20	<2.5	<0.01	<0.2	---
	05/01/97	<0.5	<0.5	<0.5	<0.5	<20	<2.5	---	---	---

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico
Page 13 of 24

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
MW-21 (cont.)	11/02/00	**18**	<10	**930**	**1,300**	2,248	**170**	---	---	---
	04/25/01	<0.5	<0.5	<0.5	<0.5	<20	<2.5	---	---	---
	12/11/03	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0 [d]	<1.0	---
	08/06/04	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0 [d]	<1.0	<10
	09/14/05	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0 [d]	<1.0	<10
MW-22	01/10/05	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0 [d]	<1.0	<10
	03/24/05	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0 [d]	<1.0	<10
	06/07/05	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0 [d]	<1.0	<10
	09/14/05	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0 [d]	<1.0	<10
	08/16/11	Well buried or destroyed								
MW-23	01/11/05	**670**	420	**800**	**2,700**	4,590	**280**	<50 [d]	<50 [d]	**190**
	03/24/05	**340**	45	460	450	1,295	**150**	<5.0 [d]	<5.0	**35**
	06/08/05	**24**	<5.0	22	13	59	**340**	<5.0 [d]	<5.0	<10
	09/14/05	**83**	<5.0	40	5.8	129	**380**	<5.0 [d]	<5.0	<10
	08/16/11	Well buried								
	10/01/12	Not sampled - 0.08 ft NAPL								
	07/08/13	Not sampled - 0.20 ft NAPL								
	03/26/14	**11**	3.3	160	280	454.3	39	<1.0 [d]	<1.0	**115**

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.

µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
MW-24	03/26/14	<1.0	<1.0	1.9	<1.5	1.9	51	<1.0 [d]	1.1	<10
MW-25	03/26/14	<1.0	<1.0	<1.0	<1.5	<4.5	36	<1.0 [d]	<1.0	<10
SMMW-1	03/29/96	**19,000**	46	**1,600**	180	20,826	**12,000**	<0.01	<8.0	---
	05/01/97	**3,700**	270	280	340	4,590	**1,200**	---	---	---
	08/29/97	**8,700**	25	560	48	9,333	**2,700**	---	---	---
	12/10/97	**17,000**	35	**1,000**	90	18,125	**6,000**	---	---	---
	07/13/99	**12,000**	<20	710	30	12,740	**2,200**	---	---	---
	10/07/99	**2,500**	<20	<20	49	2,549	**1,200**	---	---	---
	01/07/00	**6,400**	<20	94	51	6,545	**1,900**	---	---	---
	02/25/00	**7,500**	<20	290	72	7,862	**2,400**	---	---	---
	11/02/00	**8,800**	<50	**770**	58	9,628	**1,700**	---	---	---
	01/19/01	**6,100**	<50	510	70	6,680	**1,800**	---	---	---
	04/26/01	**2,100**	<50	<50	110	2,210	**600**	---	---	---
	07/26/01	**5,100**	<50	420	59	5,579	**1,600**	---	---	---
	06/27/02	**2,700**	<100	<100	<100	2,700	**690**	<100 [d]	<100 [d]	---
	08/28/02	**2,500**	<50	150	<50	2,650	**320**	<50 [d]	<50 [d]	---
	12/11/02	**780**	24	210	73	1,087	**500**	<20 [d]	<20 [d]	---
	07/17/03	**450**	<10	120	<10	570	70	<10 [d]	<10 [d]	---

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.

µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
SMMW-3	05/01/97	**2,000**	320	98	340	2,758	**440**	---	---	---
	08/29/97	**1,600**	180	230	190	2,200	**220**	---	---	---
SMMW-4	05/01/97	**16,000**	**2,000**	**1,300**	**1,200**	20,500	**5,700**	---	---	---
	08/29/97	**17,000**	**2,000**	**1,500**	**1,500**	22,000	**6,800**	---	---	---
	10/10/97	**16,000**	190	**820**	120	17,130	**6,400**	---	---	---
	07/13/99	**1,900**	180	310	160	2,550	**8,600**	---	---	---
	10/07/99	**5,300**	460	730	510	7,000	**11,000**	---	---	---
	01/07/00	**1,700**	580	400	390	3,070	**3,600**	---	---	---
	02/25/00	**1,700**	**2,000**	310	**880**	4,890	**7,700**	---	---	---
	11/02/00	**1,100**	**3,900**	**1,200**	**5,300**	11,500	**3,400**	---	---	---
	01/19/01	**2,300**	**5,100**	**1,100**	**5,000**	13,500	**2,700**	---	---	---
	04/26/01	**2,100**	**3,500**	**1,200**	**4,600**	11,400	**4,300**	---	---	---
	07/26/01	**3,800**	**6,800**	**1,500**	**6,600**	18,700	**6,100**	---	---	---
	06/27/02	**2,900**	**6,300**	**1,900**	**7,800**	18,900	**9,900**	<250 [d]	<250 [d]	---
	08/28/02	**2,100**	**3,800**	**870**	**3,100**	9,870	**6,900**	<250 [d]	<250 [d]	---
	12/11/02	**1,000**	**2,500**	720	**2,900**	7,120	**3,000**	<20 [d]	<20 [d]	---
	07/13/03	**970**	**2,000**	700	**2,700**	6,370	**2,000**	<50 [d]	<50 [d]	---
SMMW-5	03/28/96	**1,000**	2.2	11	<0.5	1,013.2	**400**	<0.01	<0.2	---

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
SMMW-5 (cont.)	05/01/97	**34**	<0.5	<0.5	<0.5	34	**260**	---	---	---
	08/29/97	**25**	<0.5	1.5	<0.5	26.5	**250**	---	---	---
	12/10/97	**17**	<0.5	<0.5	<0.5	17	**170**	---	---	---
	07/14/99	<0.5	<0.5	<0.5	<0.5	<20	59	---	---	---
	10/07/99	<0.5	<0.5	<0.5	<0.5	<20	97	---	---	---
	01/06/00	<0.5	<0.5	<0.5	<0.5	<20	59	---	---	---
	02/25/00	<0.5	<0.5	<0.5	<0.5	<20	90	---	---	---
	11/02/00	<0.5	<0.5	<0.5	0.5	0.5	65	---	---	---
	01/19/01	<0.5	<0.5	<0.5	<0.5	<20	55	---	---	---
	04/26/01	<0.5	<0.5	<0.5	<0.5	<20	51	---	---	---
	07/26/01	<0.5	<0.5	<0.5	<0.5	<20	41	---	---	---
	06/27/02	<1.0	<1.0	<1.0	<1.0	<4.0	15	<1.0 [d]	<1.0	---
	08/28/02	<1.0	<1.0	<1.0	<1.0	<4.0	18	<1.0 [d]	<1.0	---
	12/11/02	<1.0	<1.0	<1.0	<1.0	<4.0	47	<1.0 [d]	<1.0	---
	07/17/03	<1.0	<1.0	<1.0	<1.0	<4.0	11	<1.0 [d]	<1.0	---
PF-1	07/25/01	**92**	62	190	230	574	**170**	---	---	---
	12/11/02	**55**	150	310	**700**	1,215	**180**	<10 [d]	<10 [d]	---

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico
Page 17 of 24

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
PF-1 (cont.)	08/06/04	**860**	**3,600**	**2,800**	**10,000**	17,260	<250	<250 [d]	<250 [d]	**1,400**
	01/11/05	**910**	**5,200**	**3,900**	**16,000**	26,010	**110**	<50 [d]	<50 [d]	**1,920**
	03/24/05	**850**	**5,300**	**4,900**	**21,000**	32,050	<100	<100 [d]	<100 [d]	**1,520**
	06/08/05	**270**	**1,200**	**1,800**	**5,200**	8,470	<100	<100 [d]	<100 [d]	**530**
	09/15/05	**300**	**1,100**	**1,800**	**6,000**	9,200	<100	<100 [d]	<100 [d]	**490**
	08/15/11	Not sampled - 0.03 ft NAPL								
	10/01/12	Not sampled - 0.60 ft NAPL								
	07/08/13	Not sampled - 0.02 ft NAPL								
	03/25/14	**52**	46	**2,000**	**3,800**	5,898	<10	<10 [d]	<10 [d]	**980**
PF-3	03/30/96	5.7	<0.5	1.1	1.4	8.2	27	<0.01	<0.2	---
	05/01/97	**150**	8.9	100	31	289.9	92	---	---	---
	12/11/03	**20**	2.5	2.4	4.8	29.7	2.9	<1.0 [d]	<1.0	---
	08/06/04	**410**	21	330	56	817	21	<1.0 [d]	<1.0	**50.3**
	01/11/05	**310**	<5.0	190	<5.0	500	34	<5.0 [d]	<5.0	<50
	03/24/05	**95**	<5.0	38	8.1	141.1	12	<5.0 [d]	<5.0	<50
	06/07/05	**76**	6.3	34	150	266.3	15	<5.0 [d]	<5.0	**195**
	09/15/05	**18**	<1.0	1.7	86.7	106.4	8.0	<1.0 [d]	<1.0	<10
	08/16/11	<1.0	<1.0	<1.0	<1.5	<4.5	1.3	<1.0 [d]	<1.0	<10

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
PF-3 (cont.)	10/02/12	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0 [d]	<1.0	<10
	07/09/13	<1.0	<1.0	<1.0	<1.5	<4.5	<1.0	<1.0 [d]	<1.0	<10
	03/25/14	3.5	<1.0	1.5	<1.5	5.0	<1.0	<1.0 [d]	<1.0	<10
PF-4	03/29/96	<0.5	<0.5	<0.5	<0.5	<20	4.7	<0.01	<0.2	---
	Well destroyed									
MWAL-1	03/29/96	<0.5	<0.5	<0.5	<0.5	<20	16	<0.01	<0.2	---
	05/01/97	<0.5	<0.5	<0.5	<0.5	<20	27	<0.01	<0.2	---
	12/10/03	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	---	---	---
	08/06/04	<1.0	<1.0	<1.0	<1.0	<4.0	1.6	<1.0 [d]	<1.0	<10
	01/10/05	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0 [d]	<1.0	<10
	03/29/96	<0.5	<0.5	<0.5	<0.5	<20	16	<0.01	<0.2	<10
	09/14/05	<1.0	<1.0	<1.0	<1.0	<4.0	1.2	<1.0 [d]	<1.0	<10
	08/16/11	<1.0	<1.0	<1.0	<1.5	<4.5	1.0	<1.0 [d]	<1.0	<10
	10/02/12	<2.0	<2.0	<2.0	<3.0	<9.0	<2.0	<2.0 [d]	<2.0	<20
	07/08/13	<1.0	<1.0	<1.0	<1.5	<4.5	1.0	<1.0 [d]	<1.0	<10
	03/24/14	<2.0	<2.0	<2.0	<3.0	<9.0	<2.0	<2.0 [d]	<2.0	<20
MWAL-2	03/29/96	**1,900**	7	160	86	2,153	**1,000**	<0.01	0.8	---
	05/01/97	**2,300**	37	89	80	2,506	**1,200**	---	---	---

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.

µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
MWAL-2 (cont.)	08/29/97	**1,600**	9.7	180	88	1,877.7	**860**	---	---	---
	12/11/97	**2,200**	18	250	180	2,648	**1,000**	---	---	---
	07/14/99	**2,000**	16	300	360	2,676	**540**	---	---	---
	10/07/99	**2,500**	57	440	520	3517	**1,300**	---	---	---
	01/07/00	**2,100**	13	240	270	2623	**700**	---	---	---
	02/25/00	**970**	8.1	210	220	1408.1	**710**	---	---	---
	11/03/00	**330**	<10	96	30	456	**400**	---	---	---
	01/20/01	**430**	<10	100	48	578	**470**	---	---	---
	04/26/01	**220**	<5.0	45	26	291	**280**	---	---	---
	07/26/01	**870**	11	190	120	1191	**790**	---	---	---
	06/27/02	**330**	<20	94	22	446	**410**	<20 [d]	<20 [d]	---
	08/29/02	**270**	<10	62	<10	332	**490**	<10 [d]	<10 [d]	---
	12/10/02	**220**	5.6	52	22	299.6	**470**	<5.0 [d]	<5.0	---
	07/17/03	**180**	11	99	190	480	**210**	<5.0 [d]	<5.0	---
	08/06/04	**2,300**	410	**1,600**	**4,400**	8,710	**690**	<100 [d]	<100 [d]	**490**
	01/11/05	**3,100**	490	**2,300**	**6,000**	11,890	**820**	<50 [d]	<50 [d]	**780**
	03/24/05	**2,300**	450	**2,600**	**7,100**	12,450	**740**	<50 [d]	<50 [d]	**490**
	06/08/05	**2,900**	360	**2,400**	**6,500**	12,160	**1,000**	<100 [d]	<100 [d]	**680**

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
MWAL-2 (cont.)	09/14/05	Not sampled - 0.02 ft NAPL								
	08/15/11	Not sampled - 0.23 ft NAPL								
	10/01/12	Not sampled - 0.43 ft NAPL								
	07/08/13	Well destroyed								
MWAL-2R	03/24/14	**140**	4.7	49	56	249.7	56	<1.0 [d]	<1.0	16.6
SMOS-1	03/29/96	<0.5	<0.5	<0.5	<0.5	<20	160	<0.01	<0.2	---
	05/01/97	<0.5	<0.5	<0.5	<0.5	<20	110	---	---	---
SMOS-2	03/29/96	**4,600**	14	440	21	5,075	2,100	<0.01	0.6	---
	05/01/97	**4,100**	14	300	14	4,428	2,700	---	---	---
	08/29/97	**4,400**	13	300	13	4,726	2,400	---	---	---
	10/07/99	<0.5	<0.5	<0.5	<0.5	<20	110	---	---	
	01/07/00	<0.5	<0.5	<0.5	<0.5	<20	140	---	---	---
	02/24/00	<0.5	<0.5	<0.5	<0.5	<20	120	---	---	---
	11/02/00	<0.5	<0.5	<0.5	0.6	0.6	110	---	---	---
	01/20/01	<0.5	<0.5	<0.5	<0.5	<20	74	---	---	---
	04/26/01	<0.5	<0.5	<0.5	<0.5	<20	74	---	---	---
	07/26/01	<0.5	<0.5	<0.5	<0.5	<20	150	---	---	---
	12/11/02	7.7	18	5.4	22	53.1	29	<1.0 [d]	<1.0	---

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico
Page 21 of 24

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
SMOS-2 (cont.)	07/17/03	<1.0	<1.0	<1.0	<1.0	<4.0	67	<1.0 [d]	<1.0	---
SMOS-3	03/29/96	<0.5	<0.5	<0.5	<0.5	<4.0	34	<0.01	<0.2	---
	05/01/97	<0.5	<0.5	<0.5	<0.5	<20	28	---	---	---
SMOS-4	03/29/96	1.4	<0.5	<0.5	<0.5	1.4	30	<0.01	0.5	---
	05/01/97	<0.5	<0.5	<0.5	<0.5	<20	39	---	---	---
	07/14/99	<0.5	<0.5	<0.5	<0.5	<20	14	---	---	---
	10/07/99	<0.5	<0.5	<0.5	<0.5	<20	24	---	---	---
	01/06/00	<0.5	<0.5	<0.5	<0.5	<20	9.2	---	---	---
	02/24/00	<0.5	<0.5	<0.5	<0.5	<20	21	---	---	---
	11/02/00	<0.5	<0.5	<0.5	0.8	0.8	13	---	---	---
	01/19/01	<0.5	<0.5	<0.5	<0.5	<20	16	---	---	---
	04/26/01	<0.5	<0.5	<0.5	0.56	0.56	16	---	---	---
	07/26/01	<0.5	<0.5	<0.5	<0.5	<20	10	---	---	---
	06/27/02	<1.0	<1.0	<1.0	<1.0	<4.0	12	<1.0 [d]	<1.0	---
	08/28/02	<1.0	<1.0	<1.0	<1.0	<4.0	10	<1.0 [d]	<1.0	---
	12/11/02	<1.0	<1.0	<1.0	<1.0	<4.0	11	<1.0 [d]	<1.0	---
SMOS-5	07/17/03	<1.0	<1.0	<1.0	<1.0	<4.0	11	<1.0 [d]	<1.0	---
	03/29/96	**71**	2.1	0.6	0.9	74.6	6	<1.0 [d]	<1.0	---

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
SMOS-5 (cont.)	05/01/97	**16**	<0.5	<0.5	<0.5	16	7.5	---	---	---
	08/29/02	<2.0	<2.0	<2.0	<2.0	<8.0	**240**	<2.0 [d]	<2.0	---
SMOS-6	03/29/96	**27**	<0.5	<0.5	<0.5	27	6.7	<0.01	<0.2	---
	05/01/97	3.6	<0.5	<0.5	<0.5	3.6	13	---	---	---
AEE-1	07/14/99	**1,200**	410	**1,700**	**2,300**	5,610	**1,400**	---	---	---
	10/07/99	**23**	6.8	58	110	197.8	29	---	---	---
	01/07/00	**61**	20	32	35	148	49	---	---	---
	02/25/00	7.5	2.1	12.0	9.4	31	**220**	---	---	---
	11/03/00	**23**	65	18	64	170	**150**	---	---	---
	01/20/01	**25**	97	18	83	223	**460**	---	---	---
	04/26/01	**730**	**4,300**	530	**2,300**	7,860	**630**	---	---	---
	07/25/01	**1,100**	**7,000**	**890**	**4,200**	13,190	**780**	---	---	---
	06/27/02	<5.0	<5.0	<5.0	10	10	**250**	<5.0 [d]	<5.0	---
	08/29/02	**50**	130	33	120	333	**240**	<5.0 [d]	<5.0	---
	12/11/02	**26**	9.9	24	72	131.9	**210**	<5.0 [d]	<5.0	---
	07/17/03	**42**	110	13	110	275	65	<5.0 [d]	<5.0	---
	12/11/03	**230**	530	180	**670**	1,610	78	<5.0 [d]	<5.0	---
	08/05/04	Well destroyed								

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
AEE-1R	03/25/14	1.2	<1.0	20	140	161.2	3.9	<1.0 [d]	<1.0	21.8
AEE-2	07/14/99	**85**	<5.0	330	<5.0	415	63	---	---	---
	10/07/99	**13**	0.6	50	3.2	66.8	19	---	---	---
	01/07/00	4.0	<0.5	13	2.7	19.7	<2.5	---	---	---
	02/25/00	4.4	<0.5	9.0	3.0	16.4	<2.5	---	---	---
	11/03/00	14	2.2	9.4	89	114.6	<2.5	---	---	---
	01/20/01	5.2	0.66	16	13	34.86	<2.5	---	---	---
	04/26/01	6.4	1.3	50	53	110.7	<2.5	---	---	---
	06/27/02	7.2	<1.0	19	30	56.2	5.2	<1.0 [d]	<1.0	---
	08/29/02	4.8	<1.0	14	5.0	23.8	5.8	<1.0 [d]	<1.0	---
	12/11/02	5.7	1.1	12	10	28.8	13	<1.0 [d]	<1.0	---
	07/17/03	3.0	1.3	4.7	9.5	18.5	8.8	<1.0 [d]	<1.0	---
	12/11/03	6.6	<1.0	50	36	92.6	13	<1.0 [d]	<1.0	---
	08/06/04	**39**	2.4	**940**	590	1,571.4	25	<1.0 [d]	<1.0	**507**
	01/11/05	**33**	<20	710	300	1,043	<20	<20 [d]	<20 [d]	**352**
	03/24/05	**40**	<10	630	210	880	12	<10 [d]	<10 [d]	**112**
	06/07/05	**22**	<10	260	32	314	<10	<10 [d]	<10 [d]	<40
	09/15/05	**15**	<5.0	190	42	247	<5.0	<5.0 [d]	<5.0	**36**

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.

µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 3. Summary of Groundwater Analytical Organic Chemistry Data
Ross Texaco, Pino's Fina, Allsups 294 UST Sites, Las Vegas, New Mexico

Sample Designation	Date Sampled	Concentration (µg/L) [a]								
		Benzene	Toluene	Ethyl-benzene	Total Xylenes	Total BTEX	MTBE	EDB	EDC	Total Naphthalenes
NMWQCC Standard [b]		*10*	*750*	*750*	*620*	*NA*	*100* [c]	*0.1*	*10*	*30*
AEE-2 (cont.)	08/16/11	<1.0	<1.0	3.9	<1.5	3.9	<1.0	<1.0 [d]	<1.0	8.4
	10/02/12	<2.0	<2.0	<2.0	<3.0	<9.0	<2.0	<2.0 [d]	<2.0	<20
	07/09/13	<1.0	<1.0	2.8	<1.5	2.8	1.4	<1.0 [d]	<1.0	<10
	03/25/14	<2.0	<2.0	5.2	<3.0	5.2	<2.0	<2.0 [d]	<2.0	<20

Bold indicates concentrations that exceed the applicable standard.
[a] Samples analyzed in accordance with EPA Method 8260B, unless otherwise noted.
[b] New Mexico Water Quality Control Commission standard, unless otherwise noted.
[c] New Mexico Environmental Improvement Board standard.
[d] Laboratory reporting limit is equal or greater than the NMWQCC standard.
µg/L = Micrograms per liter
BTEX = Benzene + toluene +ethylbenzene + total xylenes
MTBE = Methyl tertiary-butyl ether
EDC = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
--- = Not analyzed

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 1 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
MW-1	6409.53	03/27/96	14.70	0.00	6394.83
		04/29/97	13.81	0.00	6395.72
		08/29/97	14.09	0.00	6395.44
		12/10/97	14.40	0.00	6395.13
		07/13/99	13.73	0.00	6395.80
		10/06/99	14.14	Sheen	6395.39
		01/05/00	14.83	0.01	6394.70
		02/24/00	14.92	0.02	6394.61
		11/01/00	15.23	0.00	6394.30
		01/18/01	14.72	0.48	6395.16
		04/25/01	13.88	0.00	6395.65
		07/25/01	14.08	0.00	6395.45
		06/26/02	14.87	0.02	6394.67
		08/28/02	14.48	0.00	6395.05
		12/10/02	14.72	0.00	6394.81
		07/16/03	16.32	1.64	6394.41
		12/09/03	16.25	0.38	6393.56
		08/05/04	14.82	0.00	6394.73
	6423.08	01/10/05	14.40	0.00	6408.68
		03/23/05	13.78	0.00	6409.30
		06/07/05	13.49	0.00	6409.59
		09/14/05	14.24	0.00	6408.84
		08/15/11	15.35	0.00	6407.73
		10/01/12	16.70	0.61	6406.84
		07/08/13	15.73	0.03	6407.37
	6418.01 [d]	03/26/14	14.97	0.01	6403.05
MW-2	6408.15	03/27/96	14.12	0.00	6394.03
		05/01/97	13.33	0.00	6394.82
		08/28/97	13.63	0.00	6394.52
		12/10/97	13.84	0.00	6394.31

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:.
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 2 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
MW-2 (cont.)	6408.15	07/13/99	13.30	0.00	6394.85
		10/06/99	13.69	0.00	6394.46
		01/05/00	13.18	0.00	6394.97
		02/25/00	14.28	0.00	6393.87
		11/01/00	14.49	0.00	6393.66
		01/18/01	14.13	0.00	6394.02
		04/25/01	13.41	0.00	6394.74
		07/25/01	13.62	0.00	6394.53
		06/26/02	14.28	0.00	6393.87
		08/28/02	13.92	0.00	6394.23
		12/10/02	14.14	0.00	6394.01
		07/16/03	15.16	0.00	6392.99
		12/09/03	15.30	0.00	6392.85
		08/05/04	14.31	0.00	6393.84
	6422.14	01/10/05	13.87	0.00	6408.27
		03/23/05	13.31	0.00	6408.83
		09/14/05	13.93	0.00	6408.21
		08/15/11	14.68	0.00	6407.46
		10/01/12	15.31	0.00	6406.83
		07/08/13	18.02	0.00	6404.12
	6417.07 [d]	03/26/14	14.20	0.00	6402.87
MW-3	6409.73	03/27/96	16.07	0.00	6393.66
		05/01/97	Destroyed		
MW-4	6409.03	03/27/96	16.30	1.17	6393.58
		05/01/97	15.05	0.42	6394.30
		08/28/97	15.44	0.91	6394.25
		07/13/99	14.89	0.54	6394.53
		10/06/99	16.60	0.30	6392.65
		01/05/00	16.12	1.02	6393.65
		02/25/00	16.13	1.00	6393.63

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:.
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 3 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
MW-4 (cont.)	6423.11	11/01/00	16.20	0.00	6392.83
		01/18/01	16.12	1.16	6393.76
		04/25/01	14.85	0.13	6394.27
		07/25/01	14.99	0.42	6394.35
		06/26/02	15.82	0.75	6393.76
		08/28/02	15.30	0.53	6394.12
		12/10/02	15.54	0.61	6393.94
		07/16/03	15.95	0.00	6393.08
		12/09/03	17.32	1.19	6392.58
		08/05/04	15.63	0.03	6393.42
		01/10/05	15.23	Trace	6407.88
		03/23/05	14.65	Trace	6408.46
		06/07/05	14.42	0.00	6408.69
		09/15/05	15.57	0.02	6407.55
		08/15/11	16.12	0.01	6407.00
		10/01/12	16.80	0.02 [c]	6406.32
		07/08/13	17.33	0.03	6405.80
	6418.01 [d]	03/26/14	14.28	0.00	6403.73
MW-5	NA	Destroyed			
MW-6	6411.02	03/27/96	16.44	0.00	6394.58
		04/29/97	15.63	0.00	6395.39
		08/28/97	15.86	0.00	6395.16
		07/13/99	15.49	0.00	6395.53
		10/06/99	15.95	0.00	6395.07
		01/05/00	17.30	0.00	6393.72
		02/25/00	16.65	0.00	6394.37
		11/01/00	16.97	0.00	6394.05
		01/18/01	16.46	0.00	6394.56
		04/25/01	15.56	0.00	6395.46
		07/25/01	15.80	0.00	6395.22

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:.
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 4 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
MW-6 (cont.)	6425.11	06/26/02	16.60	0.00	6394.42
		08/28/02	16.18	0.00	6394.84
		12/10/02	16.50	0.00	6394.52
		07/16/03	17.66	0.00	6393.36
		12/09/03	17.78	0.00	6393.24
		08/05/04	16.63	0.00	6394.39
		01/10/05	16.19	0.00	6408.92
		03/23/05	15.55	0.00	6409.56
		06/07/05	15.12	0.00	6409.99
		09/14/05	16.06	0.00	6409.05
		08/15/11	17.11	0.00	6408.00
		10/01/12	17.81	0.00	6407.30
		07/08/13	18.07	0.00	6407.04
	6419.98 [d]	03/26/14	16.64	0.00	6403.34
MW-7	6411.62	03/27/96	17.08	0.00	6394.54
		05/01/97	16.34	0.00	6395.28
		08/28/97	16.66	0.00	6394.96
		12/11/97	16.65	0.00	6394.97
		07/13/99	16.26	0.00	6395.36
		10/07/99	16.74	0.00	6394.88
		01/05/00	17.30	0.00	6394.32
		02/24/00	17.47	0.00	6394.15
		11/01/00	17.70	0.00	6393.92
		01/20/01	17.28	0.00	6394.34
		04/25/01	16.41	0.00	6395.21
		07/25/01	16.63	0.00	6394.99
		06/26/02	17.43	0.00	6394.19
		08/28/02	17.05	0.00	6394.57
		12/10/02	17.34	0.00	6394.28
		07/16/03	18.51	0.00	6393.11

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:.
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 5 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
MW-7 (cont.)	6411.62	12/09/03	18.81	0.33	6393.05
		08/05/04	17.39	0.00	6394.23
	6425.80	01/10/05	16.99	0.01	6408.82
		03/23/05	16.32	0.00	6409.48
		06/07/05	15.99	0.00	6409.81
		09/14/05	16.83	0.00	6408.97
		08/15/11	18.01	0.00	6407.79
		10/01/12	18.85	0.00	6406.95
		07/08/13	18.30	0.08 [c]	6407.56
	6420.76 [d]	03/24/14	17.61	0.00	6403.15
MW-8	6410.76	03/27/96	16.37	0.00	6394.39
		05/01/97	NM	0.00	NM
		08/28/97	15.72	0.00	6395.04
		10/06/99	Destroyed		
MW-9	6410.85	03/27/96	16.62	0.00	6394.23
		08/28/97	15.57	0.00	6395.28
		08/29/97	15.90	0.00	6394.95
		12/11/97	16.24	0.00	6394.61
		07/13/99	15.51	0.00	6395.34
		10/07/99	15.97	Sheen	6394.88
		01/05/00	16.59	Sheen	6394.26
		02/25/00	17.19	0.59	6394.09
		11/01/00	16.87	0.00	6393.98
		01/18/01	NM	0.00	NM
		04/25/01	15.68	0.00	6395.17
		07/25/01	15.87	0.00	6394.98
		06/26/02	16.66	0.02	6394.20
		08/28/02	16.28	0.00	6394.57
		12/10/02	16.57	0.00	6394.28
		07/16/03	17.87	0.30	6393.20

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:.
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 6 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
MW-9 (cont.)	6410.85	12/09/03	17.73	0.01	6393.12
		08/05/04	16.58	0.00	6394.27
	6424.93	01/10/05	16.18	0.00	6408.75
		03/23/05	15.52	0.00	6409.41
		06/07/05	15.23	0.00	6409.70
		09/14/05	16.02	0.00	6408.91
		08/15/11	17.17	0.00	6407.76
		10/01/12	18.00	0.00	6406.93
		07/08/13	18.50	0.00	6406.43
	6419.89 [d]	03/24/14	16.82	0.00	6403.07
MW-10	6409.02	03/27/96	15.06	0.06	6394.01
		05/01/97	14.03	0.04	6395.02
		08/29/97	14.39	0.08	6394.69
		12/11/97	14.68	0.05	6394.38
		07/13/99	13.95	0.00	6395.14
		10/06/99	14.36	Sheen	6394.66
		01/05/00	15.02	0.04	6394.00
		02/24/00	15.20	0.11	6393.90
		11/01/00	15.52	0.00	6393.50
		01/18/01	NM	0.00	NM
		04/25/01	14.20	0.00	6394.82
		07/25/01	14.31	0.00	6394.71
		06/26/02	15.22	0.19	6393.94
		08/28/02	14.80	0.10	6394.29
		12/10/02	15.04	0.10	6394.05
		07/16/03	16.41	0.53	6393.00
		12/09/03	16.49	0.48	6392.88
		08/05/04	15.01	0.06	6394.05
	6423.11	01/10/05	14.59	0.00	6408.52
		03/23/05	13.95	0.00	6409.16

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:.
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 7 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
MW-10 (cont.)	6423.11	06/07/05	13.74	0.00	6409.37
		09/14/05	14.45	0.00	6408.66
		08/15/11	15.53	0.00	6407.58
		10/01/12	Not located		
		07/08/13	16.00	0.15	6407.22
	6418.05 [d]	03/26/14	15.16	Sheen	6402.89
MW-11	6407.31	03/27/96	13.39	0.00	6393.92
		05/01/97	14.60	0.00	6392.71
		08/29/97	12.77	0.00	6394.54
		07/13/99	12.35	0.00	6394.96
		10/06/99	12.78	0.01	6394.53
		01/05/00	13.34	0.00	6393.97
		02/24/00	Buried		
		11/01/00	13.58	0.00	6393.73
		01/18/01	NM	0.00	NM
		04/25/01	NM	0.00	NM
		07/25/01	NM	0.00	NM
		06/26/02	NM	0.00	NM
		08/28/02	NM	0.00	NM
		12/10/02	NM	0.00	NM
		07/16/03	NM	0.00	NM
		12/09/03	NM	0.00	NM
		08/05/04	13.31	0.00	6394.00
	6421.36	01/10/05	12.96	0.00	6408.40
		03/23/05	12.30	0.00	6409.06
		06/07/05	13.74	0.00	6409.37
		09/14/05	12.81	0.00	6408.55
		08/15/11	Buried or destroyed		
MW-11R	6413.78 [d]	03/26/14	12.67	0.00	6401.11
MW-12	6409.21	03/27/96	15.14	0.00	6394.07

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:.
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 8 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
MW-12 (cont.)	6409.21	05/01/97	14.20	0.00	6395.01
		08/29/97	14.53	0.00	6394.68
		12/11/97	14.84	0.00	6394.37
		07/13/99	14.08	0.00	6395.13
		10/06/99	14.56	Sheen	6394.65
		01/05/00	Dry	0.00	Dry
		02/25/00	15.65	0.43	6393.87
		11/01/00	15.83	0.00	6393.38
		01/18/01	15.40	0.37	6394.08
		04/25/01	14.65	0.15	6394.67
		07/25/01	14.78	0.33	6394.67
		06/26/02	15.49	0.27	6393.92
		08/28/02	15.13	0.26	6394.27
		12/10/02	15.37	0.26	6394.03
		07/16/03	16.78	0.74	6392.97
		12/09/03	16.79	0.62	6406.95
		08/05/04	15.41	0.32	6394.03
	6423.29	01/10/05	14.94	0.18	6408.48
		03/23/05	14.27	0.16	6409.14
		06/07/05	14.02	0.09	6409.34
		09/14/05	14.78	0.17	6408.63
		08/15/11	15.95	0.30	6407.56
		10/01/12	16.41	0.19 [c]	6407.02
		07/08/13	16.33	0.33	6407.21
	6418.21 [d]	03/26/14	15.31	0.04	6402.93
MW-13	6406.22	03/27/96	12.64	0.00	6393.58
		05/01/97	Buried		
		07/13/99	Buried		
		08/05/04	Buried		
	6420.13	01/10/05	12.35	0.00	6407.78

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:.
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 9 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
MW-13 (cont.)	6420.13	03/23/05	11.81	0.00	6408.32
		06/07/05	11.71	0.00	6408.42
		09/14/05	12.28	0.00	6407.85
		08/15/11	Buried or destroyed		
MW-13R	6415.75 [d]	03/26/14	13.43	0.00	6402.32
MW-14	6407.37	03/27/96	17.16	0.00	6390.21
		05/01/97	16.71	0.00	6390.66
		08/28/97	16.54	0.00	6390.83
		07/13/99	16.87	0.00	6390.50
		10/06/99	16.20	0.00	6391.17
		01/05/00	16.30	0.00	6391.07
		02/24/00	16.45	0.00	6390.92
		11/01/00	NM	0.00	NM
		01/18/01	NM	0.00	NM
		04/25/01	12.61	0.00	6394.76
		07/25/01	12.73	0.00	6394.64
		06/26/02	13.46	0.00	6393.91
		08/28/02	13.12	0.00	6394.25
		12/10/02	13.33	0.00	6394.04
		07/16/03	14.35	0.00	6393.02
		12/09/03	NM	0.00	NM
		08/05/04	17.25	0.00	6390.12
	6421.48	01/10/05	16.36	0.00	6405.12
		03/23/05	16.37	0.00	6405.11
		06/07/05	16.44	0.00	6405.04
		09/14/05	16.44	0.00	6405.04
		08/15/11	Buried or destroyed		
MW-15	6401.41	03/27/96	12.45	0.00	6388.96
		05/01/97	10.72	0.00	6390.69
		08/28/97	11.28	0.00	6390.13

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:.
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 10 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
MW-15 (cont.)	6401.41	12/11/97	11.74	0.00	6389.67
		07/13/99	11.01	0.00	6390.40
		10/06/99	11.39	0.00	6390.02
		01/05/00	12.28	0.00	6389.13
		02/24/00	12.44	0.00	6388.97
		11/01/00	12.19	0.00	6389.22
		01/18/01	NM	0.00	NM
		04/25/01	11.38	0.00	6390.03
		07/25/01	12.01	0.00	6389.40
		06/26/02	13.10	0.00	6388.31
		08/28/02	12.96	0.00	6388.45
		12/10/02	12.50	0.00	6388.91
		07/16/03	13.14	0.00	6388.27
		12/09/03	13.13	0.00	6388.28
		08/05/04	12.36	0.00	6389.05
	6415.53	01/10/05	11.58	0.00	6403.95
		03/23/05	10.82	0.00	6404.71
		06/07/05	10.70	0.00	6404.83
		09/14/05	11.78	0.00	6403.75
		08/15/11	13.51	0.00	6402.02
	6410.53 [d]	03/26/14	12.17	0.00	6398.36
MW-16	6409.86	03/27/96	14.80	0.00	6395.06
		05/01/97	13.67	0.00	6396.19
		08/28/97	14.30	0.00	6395.56
		07/13/99	14.15	0.00	6395.71
		10/07/99	14.22	0.00	6395.64
		01/05/00	14.64	0.00	6395.22
		02/25/00	14.83	0.00	6395.03
		11/01/00	14.81	0.00	6395.05
		01/18/01	NM	0.00	NM
		04/25/01	14.35	0.00	6395.51

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:.
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 11 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
MW-16 (cont.)	6409.86	07/25/01	14.59	0.00	6395.27
		06/26/02	15.38	0.00	6394.48
		08/28/02	15.42	0.00	6394.44
		12/10/02	14.58	0.00	6395.28
		07/16/03	15.52	0.00	6394.34
		12/09/03	15.29	0.00	6394.57
		08/05/04	15.00	0.00	6394.86
	6423.96	01/10/05	14.50	0.00	6409.46
		03/23/05	13.89	0.00	6410.07
		09/14/05	14.79	0.00	6409.17
		08/15/11	15.42	0.00	6408.54
		10/01/12	15.81	0.00	6408.15
		07/08/13	15.50	0.00	6408.46
	6418.89 [d]	03/24/14	15.02	0.00	6403.87
MW-17	6407.88	03/27/96	18.19	0.00	6389.69
		05/01/97	16.20	0.00	6391.68
		08/28/97	16.98	0.00	6390.90
		07/13/99	16.68	0.00	6391.20
		10/06/99	17.11	0.00	6390.77
		01/05/00	17.88	0.00	6390.00
		02/24/00	18.11	0.00	6389.77
		11/01/00	17.87	0.00	6390.01
		01/18/01	17.90	0.00	6389.98
		04/25/01	16.98	0.00	6390.90
		07/25/01	17.64	0.00	6390.24
		06/26/02	18.64	0.00	6389.24
		08/28/02	18.40	0.00	6389.48
		12/10/02	18.02	0.00	6389.86
		07/16/03	18.80	0.00	6389.86
		12/09/03	18.85	0.00	6389.03
		08/05/04	18.03	0.00	6389.85

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:.
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 12 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
MW-17 (cont.)	6421.99	01/10/05	17.26	0.00	6404.73
		03/23/05	16.40	0.00	6405.59
		06/07/05	16.19	0.00	6405.80
		09/14/05	17.52	0.00	6404.47
		08/15/11	Destroyed		
MW-20	6397.07	03/27/96	8.66	0.00	6388.41
		05/01/97	6.87	0.00	6390.20
		08/28/97	7.40	0.00	6389.67
		07/13/99	7.09	0.00	6389.98
		10/06/99	7.51	0.00	6389.56
		01/05/00	5.36	0.00	6391.71
		02/24/00	8.54	0.00	6388.53
		11/01/00	8.16	0.00	6388.91
	6411.22	01/18/01	NM	0.00	NM
		04/25/01	7.55	0.00	6389.52
		07/25/01	8.15	0.00	6388.92
		06/26/02	9.30	0.00	6387.77
		08/28/02	9.20	0.00	6387.87
		12/10/02	8.63	0.00	6388.44
		07/16/03	9.33	0.00	6387.74
		12/09/03	9.28	0.00	6387.79
		08/05/04	8.49	0.00	6388.58
		01/10/05	7.67	0.00	6403.55
		03/23/05	6.68	0.00	6404.54
		09/14/05	7.88	0.00	6403.34
		08/15/11	9.80	0.00	6401.42
	6406.24 [d]	03/26/14	Not gauged		
MW-21	6399.84	03/27/96	11.34	0.00	6388.50
		05/01/97	9.96	0.00	6389.88
		08/28/97	10.32	0.00	6389.52

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:.
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 13 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
MW-21 (cont.)	6399.84	07/13/99	10.10	0.00	6389.74
		10/06/99	10.40	0.00	6389.44
		01/05/00	10.78	0.00	6389.06
		02/24/00	11.07	0.00	6388.77
		11/01/00	11.11	0.00	6388.73
		01/18/01	NM	0.00	NM
		04/25/01	10.67	0.00	6389.17
		07/25/01	11.05	0.00	6388.79
		06/26/02	Dry		
		08/28/02	Dry		
		12/10/02	NM	0.00	NM
		07/16/03	12.31	0.00	6387.53
		12/09/03	12.34	0.00	6387.50
		08/05/04	11.62	0.00	6388.22
	6413.99	01/10/05	10.82	0.00	6403.17
		03/23/05	9.96	0.00	6404.03
		06/07/05	9.71	0.00	6404.28
		09/14/05	10.83	0.00	6403.16
		08/15/11	Not gauged		
	--- [e]	03/26/14	Well not located		
MW-22	6421.22	01/10/05	13.32	0.00	6407.90
		03/23/05	12.82	0.00	6408.40
		06/07/05	12.71	0.00	6408.51
		09/14/05	13.35	0.00	6407.87
		08/15/11	Buried or destroyed		
	6416.11 [d]	03/26/14	Not gauged		
MW-23	6421.17	01/10/05	13.84	0.00	6407.33
		03/23/05	13.17	0.00	6408.00
		06/08/05	13.05	0.00	6408.12
		09/14/05	13.67	0.00	6407.50

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:.
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 14 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
MW-23 (cont.)	6421.17	08/15/11	Buried or destroyed		
		10/01/12	15.40	0.08 [c]	6405.83
		07/08/13	15.80	0.20	6405.52
	6417.07 [d]	03/26/14	14.38	Sheen	6402.69
MW-24	6415.39 [d]	03/26/14	16.17	0.00	6399.22
MW-25	6413.24 [d]	03/26/14	14.37	0.00	6398.87
PF-1	NA	01/06/00	17.38	0.00	NA
		02/25/00	17.51	0.00	NA
		11/01/00	17.83	0.00	NA
		01/20/01	17.30	0.00	NA
		04/25/01	16.38	0.00	NA
		07/25/01	16.59	0.00	NA
		06/26/02	17.40	0.00	NA
		08/28/02	17.03	0.00	NA
		12/10/02	17.33	0.00	NA
		07/16/03	19.05	0.00	NA
		12/09/03	18.95	0.41	NA
		08/05/04	17.46	0.00	NA
	6426.01	01/10/05	17.01	0.00	6409.00
		03/23/05	16.35	0.00	6409.66
		06/07/05	15.96	0.00	6410.05
		09/14/05	16.88	0.00	6409.13
		08/15/11	18.11	0.03	6407.92
		10/01/12	19.40	0.60	6407.06
		07/08/13	19.42	0.02	6406.61
	6420.90 [d]	03/24/14	17.65	Sheen	6403.25
PF-2	6412.48	03/27/96	Dry		
		05/01/97	Dry		
		08/28/97	Under concrete slab		
PF-3	6411.78	03/27/96	17.83	0.00	6393.95

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:.
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 15 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
PF-3 (cont.)	6411.78	05/01/97	17.08	0.00	6394.70
		08/28/97	17.34	0.00	6394.44
		07/13/99	17.05	0.00	6394.73
		10/06/99	17.39	0.00	6394.39
		01/05/00	18.00	0.00	6393.78
		02/25/00	18.07	0.00	6393.71
		11/01/00	18.28	0.00	6393.50
		01/19/01	17.89	0.00	6393.89
		04/25/01	17.14	0.00	6394.64
		07/25/01	17.36	0.00	6394.42
		06/26/02	17.97	0.00	6393.81
		08/28/02	17.62	0.00	6394.16
		12/10/02	17.82	0.00	6393.96
		07/16/03	18.91	0.00	6392.87
		12/09/03	19.04	0.00	6392.74
		08/05/04	18.00	0.00	6393.78
	6425.90	01/10/05	17.53	0.00	6403.03
		03/23/05	16.98	0.00	6408.92
		06/07/05	16.61	0.00	6409.29
		09/14/05	17.44	0.00	6408.46
		08/15/11	18.41	0.00	6407.49
		10/01/12	19.20	0.00	6406.70
		07/08/13	18.90	0.00	6407.00
	6420.82 [d]	03/24/14	17.79	0.00	6403.03
PF-4	6414.00	03/27/96	16.63	0.00	6397.37
		05/01/97	NM	0.00	NM
		08/28/97	17.10	0.00	6396.90
		Buried or Destroyed			
MWAL-1	6410.10	03/27/96	17.82	0.00	6392.28
		05/01/97	16.69	0.00	6393.41

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:.
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 16 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
MWAL-1 (cont.)	6410.10	08/28/97	17.33	0.00	6392.77
		12/10/97	17.64	0.00	6392.46
		07/13/99	17.18	0.00	6392.92
		10/07/99	17.23	0.00	6392.87
		01/05/00	17.64	0.00	6392.46
		02/25/00	17.83	0.00	6392.27
		11/01/00	17.84	0.00	6392.26
		04/25/01	17.31	0.00	6392.79
		07/25/01	17.62	0.00	6392.48
		06/26/02	18.40	0.00	6391.70
		08/28/02	18.43	0.00	6391.67
		12/10/02	17.79	0.00	6392.31
		07/16/03	18.56	0.00	6391.54
		12/09/03	18.30	0.00	6391.80
		08/05/04	18.02	0.00	6392.08
	6427.00	01/10/05	17.51	0.00	6409.49
		03/23/05	16.90	0.00	6410.10
		06/07/05	17.17	0.00	6409.83
		09/14/05	17.82	0.00	6409.18
		08/15/11	18.45	0.00	6408.55
		10/01/12	18.84	0.00	6408.16
		07/08/13	18.60	0.00	6408.40
	6421.95 [d]	03/24/14	18.05	0.00	6403.90
MWAL-2	6412.90	03/27/96	16.00	0.00	6396.90
		05/01/97	15.56	0.00	6397.34
		08/29/97	15.39	0.00	6397.51
		12/11/97	15.70	0.00	6397.20
		07/13/99	15.00	0.00	6397.90
		10/07/99	15.46	0.00	6397.44
		01/05/00	16.01	0.00	6396.89

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:.
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 17 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
MWAL-2 (cont.)	6412.90	02/25/00	16.19	0.00	6396.71
		11/01/00	16.29	0.00	6396.61
		01/18/01	17.70	0.00	6395.20
		04/25/01	15.15	0.00	6397.75
		07/25/01	15.33	0.00	6397.57
		06/26/02	16.06	0.00	6396.84
		08/28/02	15.71	0.00	6397.19
		12/10/02	15.96	0.00	6396.94
		07/16/03	17.02	0.00	6395.88
		12/09/03	17.47	0.46	6395.77
		08/05/04	15.96	0.00	6396.94
	6424.11	01/10/05	15.58	0.00	6408.53
		03/23/05	14.93	0.00	6409.18
		06/07/05	14.83	0.00	6409.28
		09/14/05	15.45	0.02	6408.67
		08/15/11	16.71	0.23	6407.57
	6424.11	10/01/12	17.73	0.43	6406.70
		07/08/13	Destroyed		
MWAL-2R	6419.36 [d]	03/24/14	16.50	0.00	6402.86
AEE-1	NA	07/13/99	16.26	0.00	NA
		10/07/99	16.31	0.00	NA
		01/05/00	17.07	0.00	NA
		02/25/00	17.00	0.00	NA
		11/01/00	17.28	0.00	NA
		01/20/01	16.82	0.00	NA
		04/25/01	15.92	0.00	NA
		07/25/01	16.12	0.00	NA
		06/26/02	16.90	0.00	NA
		08/28/02	16.53	0.00	NA
		12/10/02	16.85	0.00	NA

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:.
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Table 4. Summary of Historical Fluid Level Measurements
Ross Texaco, Pino's Fina, Allsups 294, Las Vegas, New Mexico
Page 18 of 18

Monitor Well	Top of Casing Elevation [a] (ft msl)	Date Measured	Depth to Water (ft btoc)	NAPL Thickness (feet)	Water Level Elevation [b] (ft msl)
AEE-1 (cont.)	NA	07/16/03	18.00	0.00	NA
		12/09/03	18.06	0.00	NA
		08/05/04	Destroyed		
AEE-1R	6420.22 [d]	03/24/14	17.30	0.00	6402.92
AEE-2	NA	07/13/99	16.60	0.00	NA
		10/06/99	17.06	0.00	NA
		01/05/00	17.70	0.00	NA
		02/25/00	17.84	0.00	NA
		11/01/00	18.12	0.00	NA
		01/19/01	17.65	0.00	NA
		04/25/01	16.70	0.00	NA
		07/25/01	NM	0.00	NA
		06/26/02	17.72	0.00	NA
		08/28/02	17.33	0.00	NA
		12/10/02	17.62	0.00	NA
		07/16/03	18.89	0.00	NA
		12/09/03	18.93	0.00	NA
		08/05/04	17.73	0.00	NA
	6426.27	01/10/05	17.27	0.00	6409.00
		03/23/05	16.60	0.00	6409.67
		06/07/05	16.21	0.00	6410.06
		09/14/05	17.12	0.00	6409.15
		08/15/11	18.32	0.00	6407.95
		10/01/12	19.21	0.00	6407.06
		07/08/13	19.23	0.00	6407.04
	6421.19 [d]	03/24/14	17.95	0.00	6403.24

All data prior to 08/15/11 from Haller & Associates Quarterly Groundwater Monitoring Report, October 6, 2005.

[a] Top of casing elevations resurveyed by Haller & Associates on January 10, 2005.

[b] Groundwater elevation (GWE) corrected for NAPL thickness using the following equation:
GWE = TOC Elevation - (DTW - (NAPL thickness x 0.75)).

[c] NAPL not detected by interface probe; thickness confirmed with bailer.

[d] Top of casing elevations resurveyed by Surveying Control, Inc. on April 24, 2014.

[e] Well could not be located to resurvey on April 24, 2014.

ft msl = Feet above mean sea level
ft btoc = Feet below top of casing
NAPL = Non-aqueous phase liquid
NA = Not available

Attachments

Attachment 1

Field Notes

7/9/13 GW sampling/NAPL Removal AB

AEE-2

3 cv = (22.61 − 19.23) x 5 = 1.69 gals

time	vol (gal)	pH	T (°C)	Sp Cond (µS/cm)	DO (mg/L)	ORP (mV)
0818	Intial	6.77	16.87	951	0.72	−48.8
0821			15.68		1.61	

0822 Sample for 8260B

* Brown turbid purge water w/ Hc odor

Store NAPL in bucket w/ lid to be transferred to storage 55 gal drum in storage shed on Main Rosso texaco property.

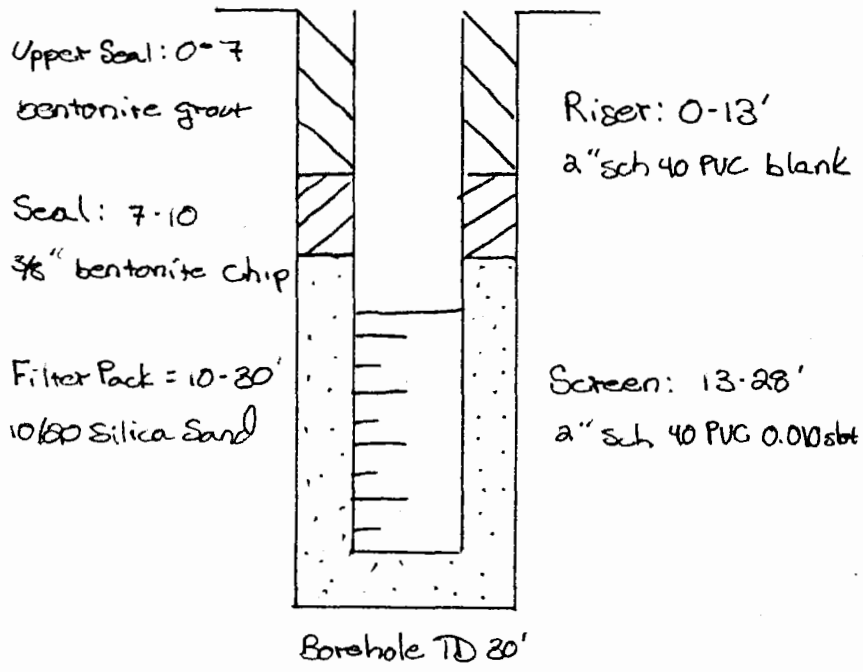
0833 Clean up & move offsite

AB 7/9/13

3/14/14 Well Installation MD

0710 M. Nauck on site
0720 EDI crew on site
0745 Set up on AEE-1R
0835 Tagged water @ 18.5'
0840 Collect sample AEE-1R 17-19
0850 Collect sample AEE-1R 10-15
0910 Collect sample AEE-1R 29-30. Begin well construction

AEE-1R Well Diagram



3/24/14 GW Monitoring

1305 On site. Begin gauging wells

Well	DTP	DTW	TD
PF-1	Sheen	17.65	21.09
PF-3	—	17.79	24.00
AEE-1R	—	17.30	28.45
AEE-2	—	17.95	22.59
MW-7	—	17.61	23.10

1330 @ AEE-1R 5.58 gal 3cv

Vol gal	pH	T°C	SpC us/cm	DO mg/L	ORP mv
Initial	6.81	14.08	2318	2.08	15.3
20 gal	6.91	15.69	2378	5.76	23.2

Bailed extra volume for development

1440 Collect sample

1450 PF-1 1.72 gal 3cv

Vol	pH	T	SpC	DO	ORP
Initial	6.74	13.88	1274	0.92	-126.1
1.75	6.79	14.30	1491	0.57	-85.2

1515 Sheen throughout bailing

Collect sample

1520 PF-3 3.10 gal 3cv

Vol gal	pH	T°C	SpC us/cm	DO mg/L	ORP mv
Initial	6.81	13.28	1982	1.10	-94.9
3.25 gal	6.84	13.91	2016	1.72	-76.9

1615 Collect sample

3/24/14 GW Monitoring MW

1620 AEE-2 2.32 gal 3cv

Vol gal	pH	T°C	SpC us/cm	DO mg/L	ORP mv
Initial	6.81	13.47	1494	0.79	-81.0
2.5	6.82	14.03	2465	3.21	-34.1

1650 Collect sample

1630 MW-7 2.75 gal 3cv

Vol gal	pH	T°C	SpC us/cm	DO mg/L	ORP mv
Initial	6.71	14.41	3201	0.82	-50.4
2.75	6.76	14.31	2926	1.12	-145.6

1700 Collect sample

3/24/14

Attachment 2

Photographic Documentation

1. Drilling monitor well AEE-1R (view to the north)

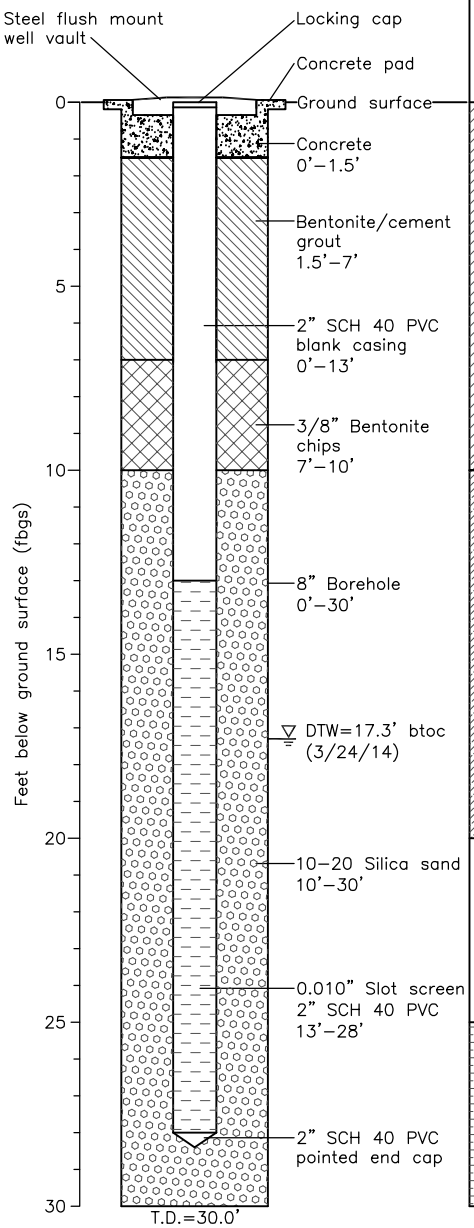
2. Monitor well AEE-1R construction (view to the northeast)

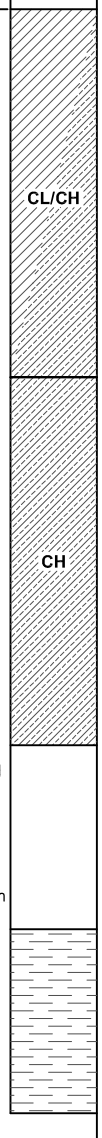
3. Monitor well AEE-1R well vault prior to completion (view to the west)

Attachment 3

Well Completion Diagram and Geologic Log

S:\Projects\ES10.0027_NMED_2010_State_Lead\ES10.0027.06_Pinos_Fina\VR_Drawings\ES10_0027_06_01B_well_logs.dwg





PID/FID Readings	Sample Recovery (%)	Sample Interval (feet bgs)	Depth (feet bgs)	USCS Symbol or Rock Unit	Comments and Lithology
0.2	90	0–5	0–10	CL/CH	Interbedded sandy lean and fat clay with gravel, brown (7.5YR 4/4), fine– to coarse–grained, sand and gravel: subround/angular, low to moderate plasticity, slightly moist.
0.1	60	5–10			
995.2	100	10–15	10–20	CH	Fat clay with sand, olive brown (2.5Y 4/3), fine–grained sand, high plasticity, slightly moist, HC odor.
>15,000	80	15–20			
NA	0	20–25	20–25		No recovery.
NA	100	25–30	25–30		Shale, black (7.5YR 2.5/1), dry.

Geologist: M. Nauck
Driller: EDI
Date completed: 3–14–14

Drilling method: Hollow stem auger
Diameter: 8"
Sampling device: Continuous core (0'–25'); split spoon (25'–30')
NA = Not screened.

NM State Plane East, NAD 83
Northing: 1673715.84
Easting: 279517.47
Elevation: 6420.22' top of casing
DTW = depth to water
btoc = feet below top of casing
bgs = below ground surface

PINO'S FINA
LAS VEGAS, NEW MEXICO
Well: AEE-1R

Daniel B. Stephens & Associates, Inc.
5/22/2014
JN ES10.0027.06

Attachment 4

Laboratory Reports

Soil

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

March 20, 2014

Mike McVey

Daniel B. Stephens & Assoc.
6020 Academy NE Suite 100
Albuquerque, NM 87109
TEL: (505) 822-9400
FAX (505) 822-8877

RE: Pino's Fina OrderNo.: 1403740

Dear Mike McVey:

Hall Environmental Analysis Laboratory received 4 sample(s) on 3/14/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc.
Client Sample ID: AEE-1R 17-19'
Project: Pino's Fina
Collection Date: 3/14/2014 8:40:00 AM
Lab ID: 1403740-001
Matrix: SOIL
Received Date: 3/14/2014 1:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **cadg**	
Benzene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Toluene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Ethylbenzene	4.1	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Methyl tert-butyl ether (MTBE)	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,2,4-Trimethylbenzene	13	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,3,5-Trimethylbenzene	3.6	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,2-Dichloroethane (EDC)	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,2-Dibromoethane (EDB)	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Naphthalene	2.4	1.3		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1-Methylnaphthalene	ND	2.7		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
2-Methylnaphthalene	2.9	2.7		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Acetone	ND	10		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Bromobenzene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Bromodichloromethane	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Bromoform	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Bromomethane	ND	2.0		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
2-Butanone	ND	6.7		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Carbon disulfide	ND	6.7		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Carbon tetrachloride	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Chlorobenzene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Chloroethane	ND	1.3		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Chloroform	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Chloromethane	ND	2.0		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
2-Chlorotoluene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
4-Chlorotoluene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
cis-1,2-DCE	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
cis-1,3-Dichloropropene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,2-Dibromo-3-chloropropane	ND	1.3		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Dibromochloromethane	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Dibromomethane	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,2-Dichlorobenzene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,3-Dichlorobenzene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,4-Dichlorobenzene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Dichlorodifluoromethane	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,1-Dichloroethane	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,1-Dichloroethene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,2-Dichloropropane	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,3-Dichloropropane	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
2,2-Dichloropropane	ND	1.3		mg/Kg	20	3/19/2014 4:30:42 AM	R17404

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc.
Client Sample ID: AEE-1R 17-19'
Project: Pino's Fina
Collection Date: 3/14/2014 8:40:00 AM
Lab ID: 1403740-001 **Matrix:** SOIL **Received Date:** 3/14/2014 1:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **cadg**	
1,1-Dichloropropene	ND	1.3		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Hexachlorobutadiene	ND	1.3		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
2-Hexanone	ND	6.7		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Isopropylbenzene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
4-Isopropyltoluene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
4-Methyl-2-pentanone	ND	6.7		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Methylene chloride	ND	2.0		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
n-Butylbenzene	ND	2.0		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
n-Propylbenzene	2.0	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
sec-Butylbenzene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Styrene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
tert-Butylbenzene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,1,1,2-Tetrachloroethane	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,1,2,2-Tetrachloroethane	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Tetrachloroethene (PCE)	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
trans-1,2-DCE	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
trans-1,3-Dichloropropene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,2,3-Trichlorobenzene	ND	1.3		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,2,4-Trichlorobenzene	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,1,1-Trichloroethane	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,1,2-Trichloroethane	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Trichloroethene (TCE)	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Trichlorofluoromethane	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
1,2,3-Trichloropropane	ND	1.3		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Vinyl chloride	ND	0.67		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Xylenes, Total	16	1.3		mg/Kg	20	3/19/2014 4:30:42 AM	R17404
Surr: Dibromofluoromethane	103	70-130		%REC	20	3/19/2014 4:30:42 AM	R17404
Surr: 1,2-Dichloroethane-d4	105	70-130		%REC	20	3/19/2014 4:30:42 AM	R17404
Surr: Toluene-d8	101	70-130		%REC	20	3/19/2014 4:30:42 AM	R17404
Surr: 4-Bromofluorobenzene	82.7	70-130		%REC	20	3/19/2014 4:30:42 AM	R17404

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc.
Client Sample ID: AEE-1R 10-15'
Project: Pino's Fina
Collection Date: 3/14/2014 8:50:00 AM
Lab ID: 1403740-002
Matrix: SOIL
Received Date: 3/14/2014 1:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **cadg**	
Benzene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Toluene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Ethylbenzene	0.039	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Methyl tert-butyl ether (MTBE)	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,2,4-Trimethylbenzene	0.58	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,3,5-Trimethylbenzene	0.14	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,2-Dichloroethane (EDC)	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,2-Dibromoethane (EDB)	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Naphthalene	0.29	0.064		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1-Methylnaphthalene	0.21	0.13		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
2-Methylnaphthalene	0.37	0.13		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Acetone	ND	0.48		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Bromobenzene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Bromodichloromethane	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Bromoform	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Bromomethane	ND	0.097		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
2-Butanone	ND	0.32		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Carbon disulfide	ND	0.32		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Carbon tetrachloride	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Chlorobenzene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Chloroethane	ND	0.064		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Chloroform	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Chloromethane	ND	0.097		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
2-Chlorotoluene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
4-Chlorotoluene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
cis-1,2-DCE	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
cis-1,3-Dichloropropene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,2-Dibromo-3-chloropropane	ND	0.064		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Dibromochloromethane	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Dibromomethane	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,2-Dichlorobenzene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,3-Dichlorobenzene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,4-Dichlorobenzene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Dichlorodifluoromethane	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,1-Dichloroethane	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,1-Dichloroethene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,2-Dichloropropane	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,3-Dichloropropane	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
2,2-Dichloropropane	ND	0.064		mg/Kg	1	3/19/2014 4:01:28 PM	R17419

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc.
Client Sample ID: AEE-1R 10-15'
Project: Pino's Fina
Collection Date: 3/14/2014 8:50:00 AM
Lab ID: 1403740-002
Matrix: SOIL
Received Date: 3/14/2014 1:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **cadg**	
1,1-Dichloropropene	ND	0.064		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Hexachlorobutadiene	ND	0.064		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
2-Hexanone	ND	0.32		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Isopropylbenzene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
4-Isopropyltoluene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
4-Methyl-2-pentanone	ND	0.32		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Methylene chloride	ND	0.097		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
n-Butylbenzene	ND	0.097		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
n-Propylbenzene	0.046	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
sec-Butylbenzene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Styrene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
tert-Butylbenzene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,1,1,2-Tetrachloroethane	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,1,2,2-Tetrachloroethane	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Tetrachloroethene (PCE)	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
trans-1,2-DCE	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
trans-1,3-Dichloropropene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,2,3-Trichlorobenzene	ND	0.064		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,2,4-Trichlorobenzene	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,1,1-Trichloroethane	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,1,2-Trichloroethane	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Trichloroethene (TCE)	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Trichlorofluoromethane	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
1,2,3-Trichloropropane	ND	0.064		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Vinyl chloride	ND	0.032		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Xylenes, Total	0.20	0.064		mg/Kg	1	3/19/2014 4:01:28 PM	R17419
Surr: Dibromofluoromethane	105	70-130		%REC	1	3/19/2014 4:01:28 PM	R17419
Surr: 1,2-Dichloroethane-d4	106	70-130		%REC	1	3/19/2014 4:01:28 PM	R17419
Surr: Toluene-d8	89.8	70-130		%REC	1	3/19/2014 4:01:28 PM	R17419
Surr: 4-Bromofluorobenzene	81.0	70-130		%REC	1	3/19/2014 4:01:28 PM	R17419

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc.
Client Sample ID: AEE-1R 29-30'
Project: Pino's Fina
Collection Date: 3/14/2014 9:10:00 AM
Lab ID: 1403740-003 **Matrix:** SOIL **Received Date:** 3/14/2014 1:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **cadg**	
Benzene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Toluene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Ethylbenzene	0.35	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Methyl tert-butyl ether (MTBE)	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,2,4-Trimethylbenzene	5.4	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,3,5-Trimethylbenzene	3.0	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,2-Dichloroethane (EDC)	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,2-Dibromoethane (EDB)	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Naphthalene	ND	0.40		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1-Methylnaphthalene	1.0	0.81		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
2-Methylnaphthalene	2.3	0.81		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Acetone	ND	3.0		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Bromobenzene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Bromodichloromethane	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Bromoform	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Bromomethane	ND	0.61		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
2-Butanone	ND	2.0		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Carbon disulfide	ND	2.0		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Carbon tetrachloride	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Chlorobenzene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Chloroethane	ND	0.40		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Chloroform	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Chloromethane	ND	0.61		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
2-Chlorotoluene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
4-Chlorotoluene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
cis-1,2-DCE	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
cis-1,3-Dichloropropene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,2-Dibromo-3-chloropropane	ND	0.40		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Dibromochloromethane	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Dibromomethane	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,2-Dichlorobenzene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,3-Dichlorobenzene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,4-Dichlorobenzene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Dichlorodifluoromethane	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,1-Dichloroethane	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,1-Dichloroethene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,2-Dichloropropane	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,3-Dichloropropane	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
2,2-Dichloropropane	ND	0.40		mg/Kg	5	3/19/2014 4:30:19 PM	R17419

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc.
Client Sample ID: AEE-1R 29-30'
Project: Pino's Fina
Collection Date: 3/14/2014 9:10:00 AM
Lab ID: 1403740-003 **Matrix:** SOIL **Received Date:** 3/14/2014 1:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **cadg**	
1,1-Dichloropropene	ND	0.40		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Hexachlorobutadiene	ND	0.40		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
2-Hexanone	ND	2.0		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Isopropylbenzene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
4-Isopropyltoluene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
4-Methyl-2-pentanone	ND	2.0		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Methylene chloride	ND	0.61		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
n-Butylbenzene	ND	0.61		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
n-Propylbenzene	0.41	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
sec-Butylbenzene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Styrene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
tert-Butylbenzene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,1,1,2-Tetrachloroethane	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,1,2,2-Tetrachloroethane	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Tetrachloroethene (PCE)	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
trans-1,2-DCE	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
trans-1,3-Dichloropropene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,2,3-Trichlorobenzene	ND	0.40		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,2,4-Trichlorobenzene	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,1,1-Trichloroethane	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,1,2-Trichloroethane	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Trichloroethene (TCE)	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Trichlorofluoromethane	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
1,2,3-Trichloropropane	ND	0.40		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Vinyl chloride	ND	0.20		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Xylenes, Total	4.3	0.40		mg/Kg	5	3/19/2014 4:30:19 PM	R17419
Surr: Dibromofluoromethane	99.7	70-130		%REC	5	3/19/2014 4:30:19 PM	R17419
Surr: 1,2-Dichloroethane-d4	101	70-130		%REC	5	3/19/2014 4:30:19 PM	R17419
Surr: Toluene-d8	89.8	70-130		%REC	5	3/19/2014 4:30:19 PM	R17419
Surr: 4-Bromofluorobenzene	90.2	70-130		%REC	5	3/19/2014 4:30:19 PM	R17419

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc. **Client Sample ID:** Methanol Blank
Project: Pino's Fina **Collection Date:**
Lab ID: 1403740-004 **Matrix:** MEOH (SOIL) **Received Date:** 3/14/2014 1:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **cadg**	
Benzene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Toluene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Ethylbenzene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Naphthalene	ND	0.10		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1-Methylnaphthalene	ND	0.20		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
2-Methylnaphthalene	ND	0.20		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Acetone	ND	0.75		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Bromobenzene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Bromodichloromethane	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Bromoform	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Bromomethane	ND	0.15		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
2-Butanone	ND	0.50		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Carbon disulfide	ND	0.50		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Carbon tetrachloride	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Chlorobenzene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Chloroethane	ND	0.10		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Chloroform	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Chloromethane	ND	0.15		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
2-Chlorotoluene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
4-Chlorotoluene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
cis-1,2-DCE	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Dibromochloromethane	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Dibromomethane	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,1-Dichloroethane	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,1-Dichloroethene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,2-Dichloropropane	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,3-Dichloropropane	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
2,2-Dichloropropane	ND	0.10		mg/Kg	1	3/19/2014 6:25:00 AM	R17404

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc. **Client Sample ID:** Methanol Blank
Project: Pino's Fina **Collection Date:**
Lab ID: 1403740-004 **Matrix:** MEOH (SOIL) **Received Date:** 3/14/2014 1:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **cadg**	
1,1-Dichloropropene	ND	0.10		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Hexachlorobutadiene	ND	0.10		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
2-Hexanone	ND	0.50		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Isopropylbenzene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
4-Isopropyltoluene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Methylene chloride	ND	0.15		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
n-Butylbenzene	ND	0.15		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
n-Propylbenzene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
sec-Butylbenzene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Styrene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
tert-Butylbenzene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
trans-1,2-DCE	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Trichlorofluoromethane	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Vinyl chloride	ND	0.050		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Xylenes, Total	ND	0.10		mg/Kg	1	3/19/2014 6:25:00 AM	R17404
Surr: Dibromofluoromethane	104	70-130		%REC	1	3/19/2014 6:25:00 AM	R17404
Surr: 1,2-Dichloroethane-d4	105	70-130		%REC	1	3/19/2014 6:25:00 AM	R17404
Surr: Toluene-d8	93.1	70-130		%REC	1	3/19/2014 6:25:00 AM	R17404
Surr: 4-Bromofluorobenzene	93.2	70-130		%REC	1	3/19/2014 6:25:00 AM	R17404

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1403740**

20-Mar-14

Client: Daniel B. Stephens & Assoc.

Project: Pino's Fina

Sample ID **5mL rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **PBS**	Batch ID: **R17404**	RunNo: **17404**
Prep Date:	Analysis Date: **3/18/2014**	SeqNo: **501239** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Methyl tert-butyl ether (MTBE)	ND	0.050								
1,2,4-Trimethylbenzene	ND	0.050								
1,3,5-Trimethylbenzene	ND	0.050								
1,2-Dichloroethane (EDC)	ND	0.050								
1,2-Dibromoethane (EDB)	ND	0.050								
Naphthalene	ND	0.10								
1-Methylnaphthalene	ND	0.20								
2-Methylnaphthalene	ND	0.20								
Acetone	ND	0.75								
Bromobenzene	ND	0.050								
Bromodichloromethane	ND	0.050								
Bromoform	ND	0.050								
Bromomethane	ND	0.15								
2-Butanone	ND	0.50								
Carbon disulfide	ND	0.50								
Carbon tetrachloride	ND	0.050								
Chlorobenzene	ND	0.050								
Chloroethane	ND	0.10								
Chloroform	ND	0.050								
Chloromethane	ND	0.15								
2-Chlorotoluene	ND	0.050								
4-Chlorotoluene	ND	0.050								
cis-1,2-DCE	ND	0.050								
cis-1,3-Dichloropropene	ND	0.050								
1,2-Dibromo-3-chloropropane	ND	0.10								
Dibromochloromethane	ND	0.050								
Dibromomethane	ND	0.050								
1,2-Dichlorobenzene	ND	0.050								
1,3-Dichlorobenzene	ND	0.050								
1,4-Dichlorobenzene	ND	0.050								
Dichlorodifluoromethane	ND	0.050								
1,1-Dichloroethane	ND	0.050								
1,1-Dichloroethene	ND	0.050								
1,2-Dichloropropane	ND	0.050								
1,3-Dichloropropane	ND	0.050								
2,2-Dichloropropane	ND	0.10								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1403740**

20-Mar-14

Client: Daniel B. Stephens & Assoc.

Project: Pino's Fina

Sample ID **5mL rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **PBS**	Batch ID: **R17404**	RunNo: **17404**
Prep Date:	Analysis Date: **3/18/2014**	SeqNo: **501239** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	0.10								
Hexachlorobutadiene	ND	0.10								
2-Hexanone	ND	0.50								
Isopropylbenzene	ND	0.050								
4-Isopropyltoluene	ND	0.050								
4-Methyl-2-pentanone	ND	0.50								
Methylene chloride	ND	0.15								
n-Butylbenzene	ND	0.15								
n-Propylbenzene	ND	0.050								
sec-Butylbenzene	ND	0.050								
Styrene	ND	0.050								
tert-Butylbenzene	ND	0.050								
1,1,1,2-Tetrachloroethane	ND	0.050								
1,1,2,2-Tetrachloroethane	ND	0.050								
Tetrachloroethene (PCE)	ND	0.050								
trans-1,2-DCE	ND	0.050								
trans-1,3-Dichloropropene	ND	0.050								
1,2,3-Trichlorobenzene	ND	0.10								
1,2,4-Trichlorobenzene	ND	0.050								
1,1,1-Trichloroethane	ND	0.050								
1,1,2-Trichloroethane	ND	0.050								
Trichloroethene (TCE)	ND	0.050								
Trichlorofluoromethane	ND	0.050								
1,2,3-Trichloropropane	ND	0.10								
Vinyl chloride	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: Dibromofluoromethane	0.55		0.5000		110	70	130			
Surr: 1,2-Dichloroethane-d4	0.54		0.5000		107	70	130			
Surr: Toluene-d8	0.51		0.5000		102	70	130			
Surr: 4-Bromofluorobenzene	0.49		0.5000		98.8	70	130			

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **LCSS**	Batch ID: **R17404**	RunNo: **17404**
Prep Date:	Analysis Date: **3/18/2014**	SeqNo: **501240** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.050	1.000	0	101	70	130			
Toluene	0.95	0.050	1.000	0	94.9	60.1	120			
Chlorobenzene	0.93	0.050	1.000	0	93.4	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1403740**

20-Mar-14

Client: Daniel B. Stephens & Assoc.

Project: Pino's Fina

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **LCSS**	Batch ID: **R17404**	RunNo: **17404**
Prep Date:	Analysis Date: **3/18/2014**	SeqNo: **501240** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethene	1.1	0.050	1.000	0	107	78.2	162			
Trichloroethene (TCE)	0.90	0.050	1.000	0	89.6	70	130			
Surr: Dibromofluoromethane	0.51		0.5000		101	70	130			
Surr: 1,2-Dichloroethane-d4	0.50		0.5000		101	70	130			
Surr: Toluene-d8	0.49		0.5000		97.9	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.5000		101	70	130			

Sample ID **mb-12232**	SampType: **MBLK**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **PBS**	Batch ID: **R17419**	RunNo: **17419**
Prep Date: **3/18/2014**	Analysis Date: **3/19/2014**	SeqNo: **502225** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Methyl tert-butyl ether (MTBE)	ND	0.050								
1,2,4-Trimethylbenzene	ND	0.050								
1,3,5-Trimethylbenzene	ND	0.050								
1,2-Dichloroethane (EDC)	ND	0.050								
1,2-Dibromoethane (EDB)	ND	0.050								
Naphthalene	ND	0.10								
1-Methylnaphthalene	ND	0.20								
2-Methylnaphthalene	ND	0.20								
Acetone	ND	0.75								
Bromobenzene	ND	0.050								
Bromodichloromethane	ND	0.050								
Bromoform	ND	0.050								
Bromomethane	ND	0.15								
2-Butanone	ND	0.50								
Carbon disulfide	ND	0.50								
Carbon tetrachloride	ND	0.050								
Chlorobenzene	ND	0.050								
Chloroethane	ND	0.10								
Chloroform	ND	0.050								
Chloromethane	ND	0.15								
2-Chlorotoluene	ND	0.050								
4-Chlorotoluene	ND	0.050								
cis-1,2-DCE	ND	0.050								
cis-1,3-Dichloropropene	ND	0.050								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1403740**

20-Mar-14

Client: Daniel B. Stephens & Assoc.

Project: Pino's Fina

Sample ID **mb-12232**	SampType: **MBLK**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **PBS**	Batch ID: **R17419**	RunNo: **17419**
Prep Date: **3/18/2014**	Analysis Date: **3/19/2014**	SeqNo: **502225** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	ND	0.10								
Dibromochloromethane	ND	0.050								
Dibromomethane	ND	0.050								
1,2-Dichlorobenzene	ND	0.050								
1,3-Dichlorobenzene	ND	0.050								
1,4-Dichlorobenzene	ND	0.050								
Dichlorodifluoromethane	ND	0.050								
1,1-Dichloroethane	ND	0.050								
1,1-Dichloroethene	ND	0.050								
1,2-Dichloropropane	ND	0.050								
1,3-Dichloropropane	ND	0.050								
2,2-Dichloropropane	ND	0.10								
1,1-Dichloropropene	ND	0.10								
Hexachlorobutadiene	ND	0.10								
2-Hexanone	ND	0.50								
Isopropylbenzene	ND	0.050								
4-Isopropyltoluene	ND	0.050								
4-Methyl-2-pentanone	ND	0.50								
Methylene chloride	ND	0.15								
n-Butylbenzene	ND	0.15								
n-Propylbenzene	ND	0.050								
sec-Butylbenzene	ND	0.050								
Styrene	ND	0.050								
tert-Butylbenzene	ND	0.050								
1,1,1,2-Tetrachloroethane	ND	0.050								
1,1,2,2-Tetrachloroethane	ND	0.050								
Tetrachloroethene (PCE)	ND	0.050								
trans-1,2-DCE	ND	0.050								
trans-1,3-Dichloropropene	ND	0.050								
1,2,3-Trichlorobenzene	ND	0.10								
1,2,4-Trichlorobenzene	ND	0.050								
1,1,1-Trichloroethane	ND	0.050								
1,1,2-Trichloroethane	ND	0.050								
Trichloroethene (TCE)	ND	0.050								
Trichlorofluoromethane	ND	0.050								
1,2,3-Trichloropropane	ND	0.10								
Vinyl chloride	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: Dibromofluoromethane	0.53		0.5000		105	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1403740**

20-Mar-14

Client: Daniel B. Stephens & Assoc.

Project: Pino's Fina

Sample ID **mb-12232**	SampType: **MBLK**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **PBS**	Batch ID: **R17419**	RunNo: **17419**
Prep Date: **3/18/2014**	Analysis Date: **3/19/2014**	SeqNo: **502225** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	0.51		0.5000		103	70	130			
Surr: Toluene-d8	0.46		0.5000		92.2	70	130			
Surr: 4-Bromofluorobenzene	0.45		0.5000		90.1	70	130			

Sample ID **lcs-12232**	SampType: **LCS**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **LCSS**	Batch ID: **R17419**	RunNo: **17419**
Prep Date: **3/18/2014**	Analysis Date: **3/19/2014**	SeqNo: **502226** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.050	1.000	0	103	70	130			
Toluene	0.86	0.050	1.000	0	85.7	60.1	120			
Chlorobenzene	0.89	0.050	1.000	0	88.5	70	130			
1,1-Dichloroethene	1.0	0.050	1.000	0	99.9	78.2	162			
Trichloroethene (TCE)	0.92	0.050	1.000	0	91.9	70	130			
Surr: Dibromofluoromethane	0.53		0.5000		106	70	130			
Surr: 1,2-Dichloroethane-d4	0.52		0.5000		104	70	130			
Surr: Toluene-d8	0.45		0.5000		90.1	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		93.1	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: DBS | Work Order Number: 1403740 | RcptNo: 1

Received by/date: AT 03/14/14

Logged By: Anne Thorne 3/14/2014 1:00:00 PM Anne Thorne

Completed By: Anne Thorne 3/18/2014 Anne Thorne

Reviewed By: MG 03/18/14

Chain of Custody

1. Custody seals intact on sample bottles?	Yes ☑	No ☐	Not Present ☐
2. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
3. How was the sample delivered?	Client		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
6. Sample(s) in proper container(s)?	Yes ☑	No ☐	
7. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
9. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10. VOA vials have zero headspace?	Yes ☐	No ☐	No VOA Vials ☑
11. Were any sample containers received broken?	Yes ☐	No ☑	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14. Is it clear what analyses were requested?	Yes ☑	No ☐	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Not Present			

Chain-of-Custody Record

Client: DBS&A

Mailing Address:

Phone #: 822-9400

email or Fax#: MMcVey@DBStephens.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____
☐ EDD (Type) _____

Turn-Around Time:
☑ Standard ☐ Rush _____

Project Name: Pino's Finq

Project #: ES10.0027.06

Project Manager: Mike McVey

Sampler: M. Vauk

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1403740	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
3/14/14	0840	Soil	ASE-1R 17-19'	2x Vial 1x4oz	MeOH None	-001										✓		
↓	0850	↓	ASE-1R 10-15'	↓	↓	-002												
↓	0910	↓	ASE-1R 29-30'	↓	↓	-003												
			MEOH Blank			-004												

Date:	Time:	Relinquished by:	Received by:	Date	Time
3/14/14	1300			03/14/14	1300
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Groundwater

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

April 09, 2014

Mike McVey

Daniel B. Stephens & Assoc.
6020 Academy NE Suite 100
Albuquerque, NM 87109
TEL: (505) 822-9400
FAX (505) 822-8877

RE: Pino's Fina OrderNo.: 1404017

Dear Mike McVey:

Hall Environmental Analysis Laboratory received 5 sample(s) on 4/1/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Case Narrative

WO#: **1404017**
Date: **4/9/2014**

CLIENT: Daniel B. Stephens & Assoc.
Project: Pino's Fina

Analytical Notes Regarding EPA Method 8260:
A "Trip Blank" was analyzed for this batch of samples. All compounds were below the standard reporting levels.

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc.
Client Sample ID: AEE-1R
Project: Pino's Fina
Collection Date: 3/25/2014 2:40:00 PM
Lab ID: 1404017-001
Matrix: AQUEOUS
Received Date: 4/1/2014

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **KJH**	
Benzene	1.2	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Toluene	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Ethylbenzene	20	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Methyl tert-butyl ether (MTBE)	3.9	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,2,4-Trimethylbenzene	79	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,3,5-Trimethylbenzene	26	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Naphthalene	10	2.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1-Methylnaphthalene	4.2	4.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
2-Methylnaphthalene	7.6	4.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Acetone	ND	10		µg/L	1	4/2/2014 3:12:48 PM	R17758
Bromobenzene	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Bromodichloromethane	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Bromoform	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Bromomethane	ND	3.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
2-Butanone	ND	10		µg/L	1	4/2/2014 3:12:48 PM	R17758
Carbon disulfide	ND	10		µg/L	1	4/2/2014 3:12:48 PM	R17758
Carbon Tetrachloride	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Chlorobenzene	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Chloroethane	ND	2.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Chloroform	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Chloromethane	ND	3.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
2-Chlorotoluene	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
4-Chlorotoluene	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
cis-1,2-DCE	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Dibromochloromethane	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Dibromomethane	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,1-Dichloroethane	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,1-Dichloroethene	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,2-Dichloropropane	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,3-Dichloropropane	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
2,2-Dichloropropane	ND	2.0		µg/L	1	4/2/2014 3:12:48 PM	R17758

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc.
Client Sample ID: AEE-1R
Project: Pino's Fina
Collection Date: 3/25/2014 2:40:00 PM
Lab ID: 1404017-001
Matrix: AQUEOUS
Received Date: 4/1/2014

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **KJH**	
1,1-Dichloropropene	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Hexachlorobutadiene	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
2-Hexanone	ND	10		µg/L	1	4/2/2014 3:12:48 PM	R17758
Isopropylbenzene	4.0	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
4-Isopropyltoluene	2.1	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
4-Methyl-2-pentanone	ND	10		µg/L	1	4/2/2014 3:12:48 PM	R17758
Methylene Chloride	ND	3.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
n-Butylbenzene	ND	3.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
n-Propylbenzene	9.7	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
sec-Butylbenzene	1.1	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Styrene	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
tert-Butylbenzene	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
trans-1,2-DCE	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Trichlorofluoromethane	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Vinyl chloride	ND	1.0		µg/L	1	4/2/2014 3:12:48 PM	R17758
Xylenes, Total	140	1.5		µg/L	1	4/2/2014 3:12:48 PM	R17758
Surr: 1,2-Dichloroethane-d4	94.1	70-130		%REC	1	4/2/2014 3:12:48 PM	R17758
Surr: 4-Bromofluorobenzene	98.9	70-130		%REC	1	4/2/2014 3:12:48 PM	R17758
Surr: Dibromofluoromethane	98.0	70-130		%REC	1	4/2/2014 3:12:48 PM	R17758
Surr: Toluene-d8	93.8	70-130		%REC	1	4/2/2014 3:12:48 PM	R17758

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc. **Client Sample ID:** PF-1
Project: Pino's Fina **Collection Date:** 3/25/2014 3:15:00 PM
Lab ID: 1404017-002 **Matrix:** AQUEOUS **Received Date:** 4/1/2014

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **KJH**	
Benzene	52	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
Toluene	46	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
Ethylbenzene	2000	100		µg/L	100	4/3/2014 12:03:05 PM	R17790
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,2,4-Trimethylbenzene	2600	100		µg/L	100	4/3/2014 12:03:05 PM	R17790
1,3,5-Trimethylbenzene	520	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,2-Dichloroethane (EDC)	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,2-Dibromoethane (EDB)	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
Naphthalene	540	20		µg/L	10	4/2/2014 3:40:45 PM	R17758
1-Methylnaphthalene	170	40		µg/L	10	4/2/2014 3:40:45 PM	R17758
2-Methylnaphthalene	270	40		µg/L	10	4/2/2014 3:40:45 PM	R17758
Acetone	ND	100		µg/L	10	4/2/2014 3:40:45 PM	R17758
Bromobenzene	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
Bromodichloromethane	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
Bromoform	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
Bromomethane	ND	30		µg/L	10	4/2/2014 3:40:45 PM	R17758
2-Butanone	ND	100		µg/L	10	4/2/2014 3:40:45 PM	R17758
Carbon disulfide	ND	100		µg/L	10	4/2/2014 3:40:45 PM	R17758
Carbon Tetrachloride	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
Chlorobenzene	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
Chloroethane	ND	20		µg/L	10	4/2/2014 3:40:45 PM	R17758
Chloroform	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
Chloromethane	ND	30		µg/L	10	4/2/2014 3:40:45 PM	R17758
2-Chlorotoluene	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
4-Chlorotoluene	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
cis-1,2-DCE	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
cis-1,3-Dichloropropene	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,2-Dibromo-3-chloropropane	ND	20		µg/L	10	4/2/2014 3:40:45 PM	R17758
Dibromochloromethane	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
Dibromomethane	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,2-Dichlorobenzene	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,3-Dichlorobenzene	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,4-Dichlorobenzene	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
Dichlorodifluoromethane	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,1-Dichloroethane	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,1-Dichloroethene	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,2-Dichloropropane	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,3-Dichloropropane	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
2,2-Dichloropropane	ND	20		µg/L	10	4/2/2014 3:40:45 PM	R17758

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc. **Client Sample ID:** PF-1
Project: Pino's Fina **Collection Date:** 3/25/2014 3:15:00 PM
Lab ID: 1404017-002 **Matrix:** AQUEOUS **Received Date:** 4/1/2014

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **KJH**	
1,1-Dichloropropene	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
Hexachlorobutadiene	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
2-Hexanone	ND	100		µg/L	10	4/2/2014 3:40:45 PM	R17758
Isopropylbenzene	110	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
4-Isopropyltoluene	14	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
4-Methyl-2-pentanone	ND	100		µg/L	10	4/2/2014 3:40:45 PM	R17758
Methylene Chloride	ND	30		µg/L	10	4/2/2014 3:40:45 PM	R17758
n-Butylbenzene	120	30		µg/L	10	4/2/2014 3:40:45 PM	R17758
n-Propylbenzene	330	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
sec-Butylbenzene	18	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
Styrene	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
tert-Butylbenzene	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,1,1,2-Tetrachloroethane	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	4/2/2014 3:40:45 PM	R17758
Tetrachloroethene (PCE)	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
trans-1,2-DCE	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
trans-1,3-Dichloropropene	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,2,3-Trichlorobenzene	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,2,4-Trichlorobenzene	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,1,1-Trichloroethane	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,1,2-Trichloroethane	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
Trichloroethene (TCE)	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
Trichlorofluoromethane	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
1,2,3-Trichloropropane	ND	20		µg/L	10	4/2/2014 3:40:45 PM	R17758
Vinyl chloride	ND	10		µg/L	10	4/2/2014 3:40:45 PM	R17758
Xylenes, Total	3800	150		µg/L	100	4/3/2014 12:03:05 PM	R17790
Surr: 1,2-Dichloroethane-d4	96.9	70-130		%REC	10	4/2/2014 3:40:45 PM	R17758
Surr: 4-Bromofluorobenzene	96.1	70-130		%REC	10	4/2/2014 3:40:45 PM	R17758
Surr: Dibromofluoromethane	98.1	70-130		%REC	10	4/2/2014 3:40:45 PM	R17758
Surr: Toluene-d8	95.2	70-130		%REC	10	4/2/2014 3:40:45 PM	R17758

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc. **Client Sample ID:** PF-3
Project: Pino's Fina **Collection Date:** 3/25/2014 4:15:00 PM
Lab ID: 1404017-003 **Matrix:** AQUEOUS **Received Date:** 4/1/2014

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **KJH**	
Benzene	3.5	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Toluene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Ethylbenzene	1.5	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Naphthalene	ND	2.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1-Methylnaphthalene	ND	4.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
2-Methylnaphthalene	ND	4.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Acetone	ND	10		µg/L	1	4/2/2014 4:36:40 PM	R17758
Bromobenzene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Bromodichloromethane	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Bromoform	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Bromomethane	ND	3.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
2-Butanone	ND	10		µg/L	1	4/2/2014 4:36:40 PM	R17758
Carbon disulfide	ND	10		µg/L	1	4/2/2014 4:36:40 PM	R17758
Carbon Tetrachloride	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Chlorobenzene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Chloroethane	ND	2.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Chloroform	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Chloromethane	ND	3.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
2-Chlorotoluene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
4-Chlorotoluene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
cis-1,2-DCE	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Dibromochloromethane	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Dibromomethane	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,1-Dichloroethane	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,1-Dichloroethene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,2-Dichloropropane	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,3-Dichloropropane	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
2,2-Dichloropropane	ND	2.0		µg/L	1	4/2/2014 4:36:40 PM	R17758

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc. **Client Sample ID:** PF-3
Project: Pino's Fina **Collection Date:** 3/25/2014 4:15:00 PM
Lab ID: 1404017-003 **Matrix:** AQUEOUS **Received Date:** 4/1/2014

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **KJH**	
1,1-Dichloropropene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Hexachlorobutadiene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
2-Hexanone	ND	10		µg/L	1	4/2/2014 4:36:40 PM	R17758
Isopropylbenzene	1.6	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
4-Isopropyltoluene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
4-Methyl-2-pentanone	ND	10		µg/L	1	4/2/2014 4:36:40 PM	R17758
Methylene Chloride	ND	3.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
n-Butylbenzene	ND	3.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
n-Propylbenzene	2.1	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
sec-Butylbenzene	1.8	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Styrene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
tert-Butylbenzene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
trans-1,2-DCE	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Trichlorofluoromethane	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Vinyl chloride	ND	1.0		µg/L	1	4/2/2014 4:36:40 PM	R17758
Xylenes, Total	ND	1.5		µg/L	1	4/2/2014 4:36:40 PM	R17758
Surr: 1,2-Dichloroethane-d4	95.8	70-130		%REC	1	4/2/2014 4:36:40 PM	R17758
Surr: 4-Bromofluorobenzene	95.2	70-130		%REC	1	4/2/2014 4:36:40 PM	R17758
Surr: Dibromofluoromethane	101	70-130		%REC	1	4/2/2014 4:36:40 PM	R17758
Surr: Toluene-d8	92.6	70-130		%REC	1	4/2/2014 4:36:40 PM	R17758

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc. **Client Sample ID:** AEE-2
Project: Pino's Fina **Collection Date:** 3/25/2014 4:50:00 PM
Lab ID: 1404017-004 **Matrix:** AQUEOUS **Received Date:** 4/1/2014

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **KJH**	
Benzene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Toluene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Ethylbenzene	5.2	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Methyl tert-butyl ether (MTBE)	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,2,4-Trimethylbenzene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,3,5-Trimethylbenzene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,2-Dichloroethane (EDC)	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Naphthalene	ND	4.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1-Methylnaphthalene	ND	8.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
2-Methylnaphthalene	ND	8.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Acetone	ND	20		µg/L	2	4/3/2014 12:31:08 PM	R17790
Bromobenzene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Bromodichloromethane	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Bromoform	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Bromomethane	ND	6.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
2-Butanone	ND	20		µg/L	2	4/3/2014 12:31:08 PM	R17790
Carbon disulfide	ND	20		µg/L	2	4/3/2014 12:31:08 PM	R17790
Carbon Tetrachloride	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Chlorobenzene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Chloroethane	ND	4.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Chloroform	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Chloromethane	ND	6.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
2-Chlorotoluene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
4-Chlorotoluene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
cis-1,2-DCE	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
cis-1,3-Dichloropropene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,2-Dibromo-3-chloropropane	ND	4.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Dibromochloromethane	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Dibromomethane	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,2-Dichlorobenzene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,3-Dichlorobenzene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,4-Dichlorobenzene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Dichlorodifluoromethane	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,1-Dichloroethane	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,1-Dichloroethene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,2-Dichloropropane	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,3-Dichloropropane	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
2,2-Dichloropropane	ND	4.0		µg/L	2	4/3/2014 12:31:08 PM	R17790

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc. **Client Sample ID:** AEE-2
Project: Pino's Fina **Collection Date:** 3/25/2014 4:50:00 PM
Lab ID: 1404017-004 **Matrix:** AQUEOUS **Received Date:** 4/1/2014

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **KJH**	
1,1-Dichloropropene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Hexachlorobutadiene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
2-Hexanone	ND	20		µg/L	2	4/3/2014 12:31:08 PM	R17790
Isopropylbenzene	2.9	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
4-Isopropyltoluene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
4-Methyl-2-pentanone	ND	20		µg/L	2	4/3/2014 12:31:08 PM	R17790
Methylene Chloride	ND	6.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
n-Butylbenzene	ND	6.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
n-Propylbenzene	8.0	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
sec-Butylbenzene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Styrene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
tert-Butylbenzene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,1,2,2-Tetrachloroethane	ND	4.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Tetrachloroethene (PCE)	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
trans-1,2-DCE	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
trans-1,3-Dichloropropene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,2,3-Trichlorobenzene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,2,4-Trichlorobenzene	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,1,1-Trichloroethane	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,1,2-Trichloroethane	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Trichloroethene (TCE)	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Trichlorofluoromethane	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
1,2,3-Trichloropropane	ND	4.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Vinyl chloride	ND	2.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Xylenes, Total	ND	3.0		µg/L	2	4/3/2014 12:31:08 PM	R17790
Surr: 1,2-Dichloroethane-d4	97.4	70-130		%REC	2	4/3/2014 12:31:08 PM	R17790
Surr: 4-Bromofluorobenzene	95.0	70-130		%REC	2	4/3/2014 12:31:08 PM	R17790
Surr: Dibromofluoromethane	101	70-130		%REC	2	4/3/2014 12:31:08 PM	R17790
Surr: Toluene-d8	93.6	70-130		%REC	2	4/3/2014 12:31:08 PM	R17790

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc. **Client Sample ID:** MW-7
Project: Pino's Fina **Collection Date:** 3/25/2014 5:00:00 PM
Lab ID: 1404017-005 **Matrix:** AQUEOUS **Received Date:** 4/1/2014

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **KJH**	
Benzene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Toluene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Ethylbenzene	55	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,2,4-Trimethylbenzene	260	10		µg/L	10	4/2/2014 5:32:38 PM	R17758
1,3,5-Trimethylbenzene	14	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Naphthalene	4.1	2.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1-Methylnaphthalene	22	4.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
2-Methylnaphthalene	ND	4.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Acetone	ND	10		µg/L	1	4/3/2014 12:59:12 PM	R17790
Bromobenzene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Bromodichloromethane	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Bromoform	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Bromomethane	ND	3.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
2-Butanone	ND	10		µg/L	1	4/3/2014 12:59:12 PM	R17790
Carbon disulfide	ND	10		µg/L	1	4/3/2014 12:59:12 PM	R17790
Carbon Tetrachloride	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Chlorobenzene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Chloroethane	ND	2.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Chloroform	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Chloromethane	ND	3.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
2-Chlorotoluene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
4-Chlorotoluene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
cis-1,2-DCE	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Dibromochloromethane	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Dibromomethane	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,1-Dichloroethane	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,1-Dichloroethene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,2-Dichloropropane	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,3-Dichloropropane	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
2,2-Dichloropropane	ND	2.0		µg/L	1	4/3/2014 12:59:12 PM	R17790

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Daniel B. Stephens & Assoc. **Client Sample ID:** MW-7
Project: Pino's Fina **Collection Date:** 3/25/2014 5:00:00 PM
Lab ID: 1404017-005 **Matrix:** AQUEOUS **Received Date:** 4/1/2014

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **KJH**	
1,1-Dichloropropene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Hexachlorobutadiene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
2-Hexanone	ND	10		µg/L	1	4/3/2014 12:59:12 PM	R17790
Isopropylbenzene	17	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
4-Isopropyltoluene	8.4	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
4-Methyl-2-pentanone	ND	10		µg/L	1	4/3/2014 12:59:12 PM	R17790
Methylene Chloride	ND	3.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
n-Butylbenzene	27	3.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
n-Propylbenzene	75	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
sec-Butylbenzene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Styrene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
tert-Butylbenzene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
trans-1,2-DCE	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Trichlorofluoromethane	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Vinyl chloride	ND	1.0		µg/L	1	4/3/2014 12:59:12 PM	R17790
Xylenes, Total	10	1.5		µg/L	1	4/3/2014 12:59:12 PM	R17790
Surr: 1,2-Dichloroethane-d4	98.3	70-130		%REC	1	4/3/2014 12:59:12 PM	R17790
Surr: 4-Bromofluorobenzene	108	70-130		%REC	1	4/3/2014 12:59:12 PM	R17790
Surr: Dibromofluoromethane	98.1	70-130		%REC	1	4/3/2014 12:59:12 PM	R17790
Surr: Toluene-d8	93.7	70-130		%REC	1	4/3/2014 12:59:12 PM	R17790

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1404017**

09-Apr-14

Client: Daniel B. Stephens & Assoc.

Project: Pino's Fina

Sample ID **5mL-rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R17758**	RunNo: **17758**
Prep Date:	Analysis Date: **4/2/2014**	SeqNo: **511515** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1404017**

09-Apr-14

Client: Daniel B. Stephens & Assoc.

Project: Pino's Fina

Sample ID **5mL-rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R17758**	RunNo: **17758**
Prep Date:	Analysis Date: **4/2/2014**	SeqNo: **511515** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.1		10.00		90.8	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		96.3	70	130			
Surr: Dibromofluoromethane	9.9		10.00		99.1	70	130			
Surr: Toluene-d8	9.3		10.00		93.2	70	130			

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R17758**	RunNo: **17758**
Prep Date:	Analysis Date: **4/2/2014**	SeqNo: **511517** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	111	70	130			
Toluene	21	1.0	20.00	0	105	80	120			
Chlorobenzene	21	1.0	20.00	0	104	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1404017**

09-Apr-14

Client: Daniel B. Stephens & Assoc.

Project: Pino's Fina

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R17758**	RunNo: **17758**
Prep Date:	Analysis Date: **4/2/2014**	SeqNo: **511517** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethene	25	1.0	20.00	0	123	90	143			
Trichloroethene (TCE)	21	1.0	20.00	0	104	70	130			
Surr: 1,2-Dichloroethane-d4	9.2		10.00		92.5	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		99.6	70	130			
Surr: Dibromofluoromethane	9.9		10.00		98.9	70	130			
Surr: Toluene-d8	9.6		10.00		96.1	70	130			

Sample ID **5mL-rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R17790**	RunNo: **17790**
Prep Date:	Analysis Date: **4/3/2014**	SeqNo: **512741** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1404017**

09-Apr-14

Client: Daniel B. Stephens & Assoc.

Project: Pino's Fina

Sample ID **5mL-rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R17790**	RunNo: **17790**
Prep Date:	Analysis Date: **4/3/2014**	SeqNo: **512741** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.3		10.00		93.5	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1404017**

09-Apr-14

Client: Daniel B. Stephens & Assoc.

Project: Pino's Fina

Sample ID **5mL-rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R17790**	RunNo: **17790**
Prep Date:	Analysis Date: **4/3/2014**	SeqNo: **512741** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	9.8		10.00		97.5	70	130			
Surr: Dibromofluoromethane	9.9		10.00		98.9	70	130			
Surr: Toluene-d8	9.3		10.00		92.7	70	130			

Sample ID **100ng lcs200ngAnn**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R17790**	RunNo: **17790**
Prep Date:	Analysis Date: **4/3/2014**	SeqNo: **512745** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	112	70	130			
Toluene	20	1.0	20.00	0	99.1	80	120			
Chlorobenzene	20	1.0	20.00	0	97.8	70	130			
1,1-Dichloroethene	24	1.0	20.00	0	120	90	143			
Trichloroethene (TCE)	21	1.0	20.00	0	107	70	130			
Surr: 1,2-Dichloroethane-d4	9.5		10.00		95.4	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		94.9	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	9.2		10.00		91.9	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

ENVIRONMENTAL ANALYSIS LABORATORY

4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: DBS | Work Order Number: 1404017 | RcptNo: 1

Received by/date: AT 04/01/14

Logged By: Anne Thorne 4/1/2014 Anne Thorne

Completed By: Anne Thorne 4/1/2014 Anne Thorne

Reviewed By: CS 04/01/14

Chain of Custody

1. Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
2. Is Chain of Custody complete?	Yes ☐	No ☐	Not Present ☑
3. How was the sample delivered?	Client		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
6. Sample(s) in proper container(s)?	Yes ☑	No ☐	
7. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
9. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10. VOA vials have zero headspace?	Yes ☑	No ☐	No VOA Vials ☐
11. Were any sample containers received broken?	Yes ☐	No ☑	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14. Is it clear what analyses were requested?	Yes ☑	No ☐	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☑ No ☐ NA ☐

Person Notified:	MN
By Whom:	Anne Thorne
Regarding:	MISSING COC
Client Instructions:	WILL EMAIL COC/at 3/28/14, RECEIVEDSAMPLES ON 3/28/14 & COC 4/1/14 at

Date: 3/28/2014

Via: ☐ eMail ☑ Phone ☐ Fax ☐ In Person

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Not Present			

Chain-of-Custody Record

Client: DBS&A

Address:

Phone #: 822-9400

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: Pino's Fina

Project #: 2510-0927.06

Project Manager: Mike McVey

Sampler: M. Vonck

On Ice: ☒ Yes ☐ No

Sample Temperature: 4.6

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 404017	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
3/24/14	1440	AES-1R	3x 40 ml	HgCl2	-001												
	1515	PF-1			-002												
	1615	PF-3			-003												
	1650	AES-2			-004												
	1700	MW-7			-005												

Date:	Time:	Relinquished by:	Received by:	Remarks:
3/25/14			04/01/14 0830	
Date:	Time:	Relinquished by:	Received by:	

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Attachment 5

Survey

SURVEYING CONTROL, INC.

131 Madison St., N.E.
Albuquerque, NM 87108
(505) 266-0935
Fax (505) 266-9985

April 24, 2014

Attn: Michael D. McVey, P.G.
Daniel B. Stephens & Associates, Inc.
6020 Academy Road N.E., Ste. 100
Albuquerque, NM 87109

Re: Coordinates & Elevations for Monitor Wells on Pino's Fina Site at Las Vegas, New Mexico

Dear Mike:

The following are the coordinates and elevations for the monitor wells on the above referenced site. The coordinates are New Mexico State Plane Coordinates – East Zone, NAD 83 (NSRS 2007), and have been adjusted to the NGS Control Point "Vegasport". The elevations are NAVD 88, and have been adjusted to the USC&GS 2nd order benchmarks "X 294" (Published Elevation "X 294" = 6743.83') and "X 291" (Published Elevation "X 291" = 6596.34'). The coordinates and elevations are expressed in U.S. Survey Feet.

Well	Northing	Easting	Top Lid Elev.	Top PVC Elev.
PF-1	1673803.59	279523.86	6421.07	6420.90
PF-3	1673834.72	279566.76	6421.08	6420.82
AEE-1R	1673715.84	279517.47	6420.65	6420.22
AEE-2	1673784.15	279486.55	6421.72	6421.19
MW-7	1673680.93	279494.97	6421.12	6420.76

Note: The coordinates above are to the center of the top of the lid for each well. The elevations listed above as "Top PVC Elev." were taken on the north side of the inside well casing on a black Magic Marker datum point.

Please do not hesitate to call if you have any questions or if you need any additional information.

Sincerely

Stephen J. Toler, PS