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Interim Remedial Action
Large-Diameter Auger Excavation Operations
and
4th Quarter 2001 Quarterly Groundwater Monitoring

19984 Meekland Avenue
Hayward, California

February 8, 2002

Prepared for:

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By:

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PURPOSE AND SCOPE

Weber, Hayes and Associates has completed an interim remedial action scope of work designed to excavate a remaining area of contamination beneath former tank excavations, to eliminate it as a source of ongoing contamination. Records of downgradient monitoring wells MW-5, and MW-9 at 19984 Meekland Avenue, Hayward (Figure 1), have shown groundwater hydrocarbon concentrations fluctuating with groundwater elevation, indicating a remaining source of contamination at and below groundwater level.

Upon conducting a additional site assessment in February 2001, it was determined that the contamination was limited to the area beneath former tank excavations. The scope of the interim remedial action was adjusted again when a deeper zone of contamination (to 40 feet) was discovered during the drilling of the landfill acceptance borings in October 2001. Since that discovery, Weber, Hayes and Associates wrote an addendum to the scope of work to address removing the deeper layer of contamination using large diameter augers. Our addendum to the interim remedial action was approved by Alameda County Environmental Health Services (AC-EHS)in their letter[1] dated December 13, 2001.

The large diameter auger excavation method was chosen based on; 1)depth to groundwater, 2)close proximity of existing streets, 3) ability to excavate to base of a highly contaminated soil layer (up to 40 feet) which was the suspected remaining contamination feeding the groundwater plume, 4) the cost effectiveness and, 5) the time effectiveness to conduct the job. Soil excavation by other means would have required ramping or benching to prevent sidewall sluffing. However, this would have made it necessary to shut down the street, and would have generated many times the soil quantity, both of which would have increase project costs. It would have been feasible to prevent sidewall sluffing by using sheet piles and shoring, however, the cost to have shoring or sheet piles down 40 feet below ground surface would have greatly increased the costs of the project.

Quarterly Monitoring Results

In addition to excavation results, this report presents the 4th Quarter 2001 groundwater monitoring report for the site. The groundwater monitoring event for the fourth quarter 2001 took place on December 18, 2001. Groundwater elevations at the site rose an average of approximately 0.84 feet since the previous quarter (September 2001). The calculated groundwater flow direction on December 18, 2001 was to the west, which appears to be consistent with historical data. Groundwater analytical results from the fourth quarter 2001 indicate that dissolved petroleum hydrocarbons ("PHCs") are present at concentrations that exceed water quality goals in on-site monitoring wells downgradient of the removed underground storage tanks ("USTs") and dispensers at the site.

Methyl - tert - Butyl Ether (MTBE) was not detected in the groundwater samples collected this

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[1]: Alameda County Environmental Health Services Agency letter: *Property at 19984 Meekland Avenue, Hayward, CA 94541, Approval of Addendum to Interim Remedial Action*

quarter. MTBE has not been detected in groundwater at the site. Groundwater samples in the third quarter 2000 were analyzed for the fuel oxygenates Di-isopropyl Ether, tertiary Butyl Alcohol, Ethyl tertiary Butyl Ether, and tertiary Amyl Methyl Ether. No fuel oxygenates were detected in these groundwater samples. The fuel release at the site is believed to predate the use of these oxygenates.

PHC concentrations at the site generally declined slightly this quarter in all impacted groundwater monitoring wells except wells MW-6, MW-9 and MW-10.

EXCAVATION FIELD OPERATIONS AND COLLECTED DATA

Landfill Acceptance Borings

In October 2001, two borings were drilled in the area of suspected soil contamination. These boring were drilled for two purposes; 1) to confirm the presence of a hydrocarbon source at depth and, 2) to use the samples obtained from these borings to obtain landfill acceptance for the soils we expected to remove during our interim remedial action excavation operations. Obtaining landfill acceptance would allow us to immediately load contaminated soils from our excavation operations directly into trucks for transport to Forward Landfill in Manteca, instead of stockpiling contaminated soils onsite in a residential neighborhood.

During the drilling of these borings, it was discovered that contamination existed from as shallow as 10 feet to 39 feet below ground surface (bgs) in boring DP-1 and to 20 feet to 39 feet in boring DP-2. A layer of highly contaminated soil was identified from 34-39 feet bgs in both borings which confirmed our suspicions that there existed a remaining source for the groundwater plume at the site. Boring locations are shown on Figure 2 and Geologic Logs of Landfill Acceptance Borings are included in Appendix A.

Large Diameter Auger Excavation Operations

On January, 7, 8, 9, and 10, 2002, interim remedial action excavation operations were conducted at 19984 Meekland Avenue, in Hayward (Figure 1), by using six foot diameter augers to excavate contaminated soils. Excavation operations were conducted by Case Pacific under the direction of a geologist from Weber, Hayes and Associates. Sixteen large diameter shafts were drilled to 40 feet bgs, approximately 10-15 feet below the groundwater table. Locations of large diameter auger borings are depicted on Figure 2. Figure 3 shows large diameter boring details, and Figures 4, 5, and 6 show photos of interim remedial action excavation operations.

At the onset of drilling each large diameter shaft, clean overburden was removed with the large diameter augers and stockpiled onsite to be reused as backfill. Clean overburden was determined by; 1)using a HNU organic vapor analyzer to determine the presence or absence of contamination, 2)visual identification of soil color, 3) olfactory parameters and, 4)previous lab results from the site assessment investigation[2]. At the end of each day of drilling, a 4-point soil composite sample (Soil Reuse

[2]:Weber, Hayes and Associates: *Additional Site Assessment and Groundwater Monitoring Report - First Quarter - 2001, Harbert Transportation, 19984 Meekland Avenue, Hayward CA*, dated June 6, 2001.

#1a,b,c,d, #2a,b,c,d, and #3a,b,c,d) was obtained from the clean overburden and analyzed on a 24 hour rush analysis so that backfilling of the large diameter shafts to ground surface could be conducted. Each of the three 4-point composites samples were clean, with no TPH-g or M-BTEX detections, as depicted on Table 1.

Once contaminated soil was encountered within the large diameter shaft being drilled, the soil was segregated from the clean overburden and loaded directly into trucks (Caballero Trucking) for transport to Allied Waste - Forward Landfill in Manteca. Over three days of drilling, a total of 33 trucks transported 594 yds^3 of gasoline contaminated soils under proper hazardous waste manifest to Forward Landfill. Strong hydrocarbon odor and staining was present in much of the contaminated soil (see Photo Sheets). In addition, 3,000 gallons of gasoline impacted groundwater was extracted from one designated large diameter shaft to help dewater the area being drilled. Groundwater Certificate of Disposal and Non Hazardous Soil Waste Manifest forms are included in Appendix C.

During drilling, the drill rig was able to remove a 6-foot diameter by 6-foot section of soil within one pass, which made drilling efficient, and allowed the drill rig to stay ahead of groundwater seeping into the shaft once the soil/groundwater interface was reached. Better than anticipated drilling and excavation results and soil conditions allowed us to remove more contamination than originally anticipated. A clear visual contact was present near the base of several holes between contaminated and clean soil. Once the shaft was completed to 40 feet bgs, and all caving sands that had fallen into the shaft had been removed, a sidewall or bottom soil sample was obtained.

After each shaft was drilled to its completion, proper backfilling was conducted. Backfilling operations were the same for each large diameter shaft. A diagram for backfilling operations is depicted on Figure 3. Specifically, upon reaching 40 feet bgs, Oxygen Release Compound® (ORC) was poured into the saturated zone. ORC is a formulation of magnesium peroxide that slowly releases molecular oxygen when hydrated which will promote microbial growth and enhance the ability of aerobic microbes to degrade contaminants. The ORC slurry targets dissolved phase contamination plus any residual sorbed material within the saturated zone and capillary fringe. Following the ORC fill, 10 yds^3 of control density fill (flowable cement grout) was added to each shaft, to above the water table/ saturated zone. This cement slurry was necessary so that drilling of the next shaft could be conducted. Without the cement slurry, the augers would "sway" into the previously drilled shaft. After the cement slurry installation, clean fill sand was placed into the shaft and brought to within approximately 15 feet of ground surface. After the fill sand was placed, and receipt of analytical results of the soil reuse stockpile were obtained, the clean soil was placed atop of the fill sand to complete the backfilling of the shafts to ground surface. The backfill material was compacted with the loader and backhoe after the shaft was completely filled.

LABORATORY ANALYTICAL RESULTS: SOIL & GROUNDWATER

During the interim remedial action, a total of 16 soil samples were analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g) and the volatile constituent compounds of Methyl tert Butyl Ether (MTBE), benzene, toluene, ethylbenzene, xylenes (BTEX). Laboratory tested soil samples were collected from the sidewalls and base of large-diameter shafts to confirm the majority of soil contamination had been removed (see Results, Table 1) . Additionally, groundwater samples were

obtained at the onset of groundwater dewatering, and at the end of pumping 3,000 gallons to show the decrease in groundwater concentrations as a result of groundwater batch removal (see Results, Table 2). Certified analytical reports issued by Entech Environmental Laboratory (CAELAP # I-2346) are included in Appendix B. The groundwater was properly disposed of by Intergrated Waste Management (IWM). A certificate of disposal of contaminated groundwater is included in Appendix C.

Confirmatory soil samples from the large diameter shafts (14 sidewall and 2 base) indicate soil contamination was successfully removed to its full lateral and vertical extent. Soil analytical results indicate only non-detectable to trace levels of residual hydrocarbons remain. Groundwater analytical results show a decrease in groundwater concentrations from the start of pumping to the end of pumping. Specifically:

- SOIL: Trace concentrations of TPH-g and its constituents MTBE, and BTEX was detected in 5 of the 16 soil samples obtained after the excavation from the remedial soil removal operations. Of those samples with detections, the highest concentration was TPH-g at 34 mg/kg or parts per million (ppm) in the west sidewall sample from large diameter auger shaft #16 (LD#16 SW-W) as depicted on Table 1. No contamination was detected in the 11 remaining sidewall and base soil samples (see Figure 2).

- GROUNDWATER: Moderate to high levels of gasoline contamination was detected in Pit Water #1 obtained directly at the onset of groundwater dewatering. TPH-g was detected at 22,000 ug/L or parts per billion (ppb), along with gasoline constituents of benzene at 450 ppb, toluene at 320 ppb, ethylbenzene at 1,500 ppb, xylenes at 3,800 ppb, and MTBE at <5 ppb. At the end of excavation operations and after pumping 3,000 gallons of groundwater another groundwater sample was obtained (Pit Water #2). Analytical results from this groundwater sample still indicated moderate levels of TPH-g at 18,000 ppb, benzene at 320 ppb, toluene at 140 ppb, ethylbenzene at 1,300 ppb, xylenes at 2,900 ppb, and MTBE at <15 ppb, as depicted on Table 2. No MTBE has been detected at the site since monitoring began.

CONCLUSIONS FROM EXCAVATION

In summary, the majority of the soil contamination beneath the subject site was successfully removed within two former tank excavations. A total of 594 yd^3 of gasoline impacted soil was removed from the former tank excavation pits, as well as, 3,000 gallons of gasoline impacted groundwater. In addition to soil and groundwater source removal operations, 400 pounds of Oxygen Release Compound® (ORC), was released into the saturated zone, prior to backfilling the shafts to encourage biodegradation of any residual contamination below the water table.

QUARTERLY GROUNDWATER MONITORING RESULTS

This report documents groundwater monitoring activities at the former Harbert Transportation facility, 19984 Meekland Avenue, Hayward, California (the site), during the fourth quarter 2001. This report has been prepared pursuant to a directive from the Alameda County Health Care Services Agency/Environmental Health Services (Environmental Health, August 8, 2000) regarding a release

of petroleum hydrocarbons (PHCs) from underground storage tanks (USTs) at the site.

Groundwater monitoring activities conducted during this quarter included:

1. Measuring groundwater levels and checking for the presence of free product in all of the monitoring wells associated with the site
2. Measuring the physical parameters of pH, temperature, electrical conductivity, and dissolved oxygen concentration in each well
3. Collecting groundwater samples from each of the monitoring wells
4. Submitting 10 groundwater samples to a state-certified analytical laboratory for analysis of dissolved PHC concentrations following proper chain-of-custody procedures
5. Determining groundwater elevations, flow direction, and gradient in the vicinity of the site
6. Mapping the extent of the dissolved PHC plume in groundwater beneath the site
7. Preparing this report

Groundwater Monitoring

The groundwater monitoring event for the fourth quarter 2001 took place on December 18, 2001. Field methods followed Weber, Hayes and Associates' standard field methodology for groundwater monitoring, which is described in Appendix A. Groundwater samples were collected from all monitoring wells at the site in accordance with directives from Environmental Health, and analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g) by EPA Method 8015M, and benzene, toluene, ethylbenzene, and xylenes (BTEX), and Methyl tert Butyl Ether (MTBE) by EPA Method 8020. Samples with elevated detection limits or detections of MTBE were analyzed by EPA Method 8260 to confirm the presence of MTBE and provide the proper detection limit. Field data forms are also presented in Appendix A.

Free Product

Free product was not observed in any of the monitoring wells at the site.

Groundwater Elevation and Flow Direction

Groundwater elevations were calculated by subtracting the measured depth-to-groundwater from the top-of-casing elevations, which were surveyed by a state-licensed Land Surveyor. Field measurements and the calculated groundwater elevations for the site are summarized in Table 1. Groundwater elevations at the site rose an average of approximately 0.84 feet since the previous quarter (September 2001). Calculated groundwater elevations from the gauging data collected on December 18, 2001 are shown on Figure 2. Data from this quarter indicate that groundwater flow is to the west (see Figure 2). The calculated groundwater gradient on December 18, 2001 was to the west at approximately 0.003 feet per foot. Groundwater elevations in monitoring wells MW-5 and MW-10 were inconsistent with groundwater elevations in the other site monitoring wells this quarter, and are considered anomalous. Monitoring wells MW-5 and MW-10 were not used for groundwater flow direction calculation or groundwater contour construction for this reason. This is the first time that anomalous

groundwater elevations have been reported from these site wells. Previous reports indicate that the groundwater flow direction in the vicinity of the site has generally been in a westerly direction. A table and figures summarizing previous depth to groundwater data is presented as Appendix B.

Groundwater Analytical Results

Groundwater samples were collected from all of the monitoring wells associated with the site this quarter, in accordance with directives from Environmental Health. The groundwater analytical results for this quarter are summarized below.

Summary of Groundwater Sample Analytical Results, December 18, 2001 (µg/L, ppb)

Well ID	TPH-g	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
MW-3	270	1.6	1.7	13	5.4	ND
MW-4	ND	ND	0.9	ND	ND	ND
MW-5	780	21	12	86	94	ND*
MW-6	3,700	33	8.7	320	110	< 1.5*
MW-7	290	ND	ND	119	4.6	ND*
MW-8	ND	ND	ND	ND	ND	ND
MW-9	6,400	640	120	630	1,300	< 1.5*
MW-10	1,500	7.9	2.9	ND	ND	< 0.6*
MW-11	ND	ND	0.56	ND	ND	ND
MW-12	ND	ND	0.86	ND	ND	ND
AL/MCL	1,000	1	150	700	1,750	5

* = Confirmed by GC/MS method 8260

The concentration of benzene in well MW-3 exceeds the groundwater quality goal/ Maximum Contaminant Level (MCL).

The concentration of benzene in well MW-5 exceeds the groundwater quality goals/Maximum Contaminant Level (MCLs).

The concentrations of TPH-g and benzene in well MW-6 exceed the respective groundwater quality goals/AL/MCLs.

The concentrations of TPH-g and benzene in well MW-9 exceed the respective groundwater quality goals/AL/MCLs.

The concentrations of TPH-g and benzene in well MW-10 exceed the respective groundwater quality goals/AL/MCLs.

MTBE was not detected in any of the wells associated with the site.

Please see the Site Conceptual Model section for a discussion of the groundwater analytical results.

Analytical results for the groundwater samples collected by Weber, Hayes and Associates are summarized in Table 1. PHC concentrations detected in groundwater during the current monitoring event are shown on Figure 3. The extent of dissolved PHCs greater than 1,000 ppb TPH-g and 10 ppb benzene in groundwater are shown on Figure 4.

The Certified Analytical Report for the groundwater samples is presented as Appendix C. All laboratory quality control and quality assurance data were within acceptable limits. A table and figures summarizing analytical results of groundwater samples collected by previous consultants is presented as Appendix D.

Dissolved Oxygen Measurements

Historic Dissolved oxygen measurements collected at the site indicate generally lower levels of dissolved oxygen in PHC impacted wells compared to levels in non-impacted, upgradient wells. We believe this, combined with the observed decrease in dissolved PHC concentrations over time, indicates that natural attenuation of PHCs via bioremediation is occurring in groundwater, with microbes using dissolved PHCs as a food source during aerobic respiration (see Bushek and O'Reilly, 1995, Table 1, Figure 3, and Appendix D).

Summary of Quarterly Monitoring Results

- Free product was not observed in any of the monitoring wells at the site.
- Groundwater elevations at the site rose an average of approximately 0.84 feet since the previous quarter (September 2001).
- The groundwater flow direction on December 18, 2001 was to the west at a gradient of approximately 0.003 feet per foot. This direction is in general agreement with data collected by us in the past three quarters and previous data collected by others at the site.

- **MTBE was not detected in any of the groundwater samples collected this quarter.**
- TPH-g was detected at a concentration above the MCL in on-site wells MW-6, MW-9, and MW-10 which are located downgradient of the removed USTs.
- Benzene was detected at a concentration above the MCL in wells MW-3, 5, 6, 9 and 10.
- Historic measurements of dissolved oxygen collected at the site indicate aerobic bioremediation is occurring in the PHC-impacted wells.

At this time we recommend:

- Continuing quarterly groundwater monitoring of dissolved PHC concentrations at the site.
- Calculating additional cleanup levels for those PHCs which have not yet had cleanup levels set (ethylbenzene, xylenes, and TPH-g, see Weber, Hayes and Associates, June 18, 2001), for comparison with concentrations after the interim remedial excavation.

SCHEDULE OF ACTIVITIES FOR THE FOLLOWING QUARTER

The following activities are scheduled for the next quarter:

- Quarterly groundwater monitoring of all monitoring wells as directed by Environmental Health, including measuring the depth-to-groundwater, dissolved oxygen concentration, and physical parameters, and collecting samples from all wells and analyzing them for TPH-g, BTEX and MTBE by EPA Methods 8015M and 8020. All detections of MTBE will be confirmed by EPA Method 8260.
- Calculating cleanup levels for PHCs in soil and groundwater at the site for comparison with concentrations after the interim remedial excavation, after cost pre-approval by the UST Cleanup Fund.

LIMITATIONS

Our service consists of professional opinions and recommendations made in accordance with generally accepted geologic principles and practices. This warranty is in lieu of all others, either expressed or implied. The analysis and conclusions in this report are based on sampling and testing which are necessarily limited. Additional data from future work may lead to modification of the opinions expressed herein.

Thank you for this opportunity to be of service. Should you have any questions or comments regarding this project, please contact us at our offices.

Respectfully submitted,

WEBER, HAYES AND ASSOCIATES

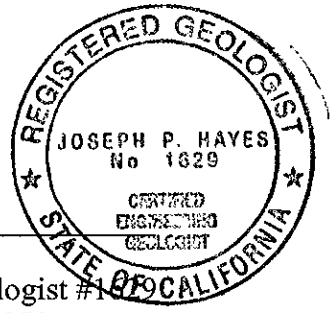

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Table 1

Current and Previous Investigations Soil Sample Analytical Results

Former Harbert Transportation Facility, 19984 Meekland Avenue, Hayward, CA

Investigation & Date	*Sample ID*	*Sample Depth (feet,bgs)*	*TPH-g (mg/kg)*	*Benzene (mg/kg)*	*Toluene (mg/kg)*	*Ethylbenzene (mg/kg)*	*Xylenes (mg/kg)*	*MTBE (mg/kg)*
Interim Remedial Action Large Diameter Auger Drilling & Source Removal (January 7, 8, 9, 10, 2002)	Soil Reuse #1a,b,c,d	4-point composite (0 - 10')	ND	ND	ND	ND	ND	ND
	Soil Reuse #2a,b,c,d	4-point composite (0 - 20')	ND	ND	ND	ND	ND	ND
	Soil Reuse #3a,b,c,d	4-point composite (0 - 20')	ND	ND	ND	ND	ND	ND
	LD#1 SW-E	35'	ND	ND	ND	0.005	0.011	ND
	LD#2 SW-W	35'	ND	ND	ND	ND	ND	ND
	LD#3 BC-N	40'	ND	ND	ND	ND	ND	ND
	LD#4 SW-N	40'	1.2	ND	0.012	0.005	0.006	ND
	LD#5 SW-N	40'	ND	ND	ND	ND	ND	ND
	LD#8 SW-S	40'	ND	ND	ND	ND	ND	ND
	LD#9 SW-E	40'	ND	ND	ND	ND	ND	ND
	LD#10 SW-E	40'	ND	ND	ND	ND	ND	ND
	LD#11 SW-W	40'	ND	ND	0 014	0 013	0.062	ND
	LD#12 SW-E	18'	ND	ND	ND	ND	ND	ND
	LD#13 SW-E	18'	ND	ND	ND	ND	ND	ND
	LD#13 SW-E	40'	ND	ND	0.006	ND	0.022	ND
	LD#14 SW-W	40'	ND	ND	ND	ND	ND	ND
	LD#15 BC-S	40'	ND	ND	ND	ND	ND	ND
	LD#16 SW-W	18'	ND	ND	ND	ND	ND	ND
	LD#16 SW-W	40'	34	0.041	ND	0.12	0.62	ND
Landfill Acceptance Borings (October 18, 2001)	DP-1c,d,e,f	4-point composite (15-30')	ND	ND	ND	ND	ND	ND
	DP-2c,d,e,f	4-point composite (15-30')	130	ND	0.13	0.37	1.2	ND
Soil Sampling Additional Site Assessment (February 14, 2001)	DP-1a	2	ND	ND	0.010	ND	0.025	ND
	f	23	ND	ND	ND	ND	ND	ND
	g @ 24'	24	ND	ND	ND	ND	0.007	ND
	g@27'	27	ND	ND	ND	0.007	0.015	ND
	DP-2a	2	ND	ND	0.019	0.020	0.13	ND
	d	13.5	1,800	< 0.5	4.5	19	270	ND*
	e	18.5	8,700	18	720	230	1,600	< 0.5*
	g	24	1,800	3.5	52	39.0	250	ND*
	DP-3a	2	ND	ND	0.017	0.006	0.054	ND
	b	7.5	ND	ND	0.063	0.020	0 12	ND
	e	18.5	ND	ND	ND	ND	ND	ND
	g	27.5	18	0.036	0.067	0.070	0.060	ND*
	DP-4a	2	ND	ND	0.014	0.008	0.058	ND
	e	19 5	ND	ND	ND	ND	ND	ND
	g @ 25'	25	ND	ND	ND	ND	ND	ND
	g @ 27'	27	ND	ND	ND	ND	ND	ND
	DP-5a	2	ND	ND	ND	ND	ND	ND
	d	12	ND	ND	ND	ND	ND	ND
	f	20	ND	ND	ND	ND	ND	ND
	g	24	ND	ND	ND	ND	ND	ND
	DP-6a	2	ND	ND	ND	ND	ND	ND
	d	14	ND	ND	ND	ND	ND	ND
	e	18	ND	ND	ND	ND	ND	ND
	g	24	ND	ND	ND	0.009	ND	ND
	DP-7a	2	ND	ND	ND	ND	ND	ND
	d	14	ND	ND	ND	ND	ND	ND
	e	18	ND	ND	ND	ND	ND	ND
	g	24	ND	ND	ND	ND	ND	ND
	DP-8a	2	ND	ND	ND	ND	ND	ND
	d	13	ND	ND	ND	ND	ND	ND
	e	18	ND	ND	ND	ND	ND	ND
	g	24	ND	ND	ND	ND	ND	ND
	DP-9a	2	ND	ND	ND	ND	ND	ND
	d	13	ND	ND	ND	ND	ND	ND
	e	18	ND	ND	ND	ND	ND	ND
	g	24	18	0.020	0.020	0.19	0.30	ND*
Laboratory's Practical Quantitation Limits:			1	0.005	0.005	0.005	0.005	0.05

NOTES:

TPH-g : Total Petroleum Hydrocarbons as gasoline

BTEX: B: Benzene, T: Toluene, E: Ethylbenzene; and X Total Xylenes.

MTBE: Methyl-tert-Butyl Ether.

bgs: below ground surface

ND: Not detected at or above the lab's practical quantitation limit.

<X : Not detected at the elevated PQL, X. PQL elevated due to laboratory dilution.

*: MTBE Analysis confirmed by EPA Method 8260.

Table 2

Current Investigation Groundwater Grab Sample Analytical Results

Former Harbert Transportation Facility, 19984 Meekland Avenue, Hayward, CA

Investigation & Date	*Sample ID*	*Sample Depth (feet, bgs)*	*TPH-g (ug/L)*	*Benzene (ug/L)*	*Toluene (ug/L)*	*Ethylbenzene (ug/L)*	*Xylenes (ug/L)*	*MTBE (ug/L)*
Interim Remedial Action Large Diameter Auger Drilling & Source Removal (January 7, 8, 9, 10, 2002)	Pit Water #1	30'	22,000	450	320	1,500	3,800	<5
	Pit Water #2	30'	18,000	320	140	1,300	2,900	<15
Laboratory's Practical Quantitation Limits:			50	0.5	0.5	0.5	0.5	0.3

NOTES:

TPH-g : Total Petroleum Hydrocarbons as gasoline

BTEX: B: Benzene, T: Toluene, E: Ethylbenzene; and X: Total Xylenes.

MTBE: Methyl-tert-Butyl Ether.

bgs: below ground surface

ND: Not detected at or above the lab's practical quantitation limit.

<X : Not detected at the elevated PQL, X. PQL elevated due to laboratory dilution.

***:** MTBE Analysis confirmed by EPA Method 8260.

Pit Water #1: Sample obtained directly prior to extensive dewatering.

Pit Water #2: Sample obtained after extensive dewatering 3,000 gallons of contaminated water.

Table 3: Summary of Groundwater Elevation and PHC Analytical Data
Former Harbert Transportation Facility, 19984 Meekland Avenue, Hayward, Ca.
Weber, Hayes and Associates Project H9042

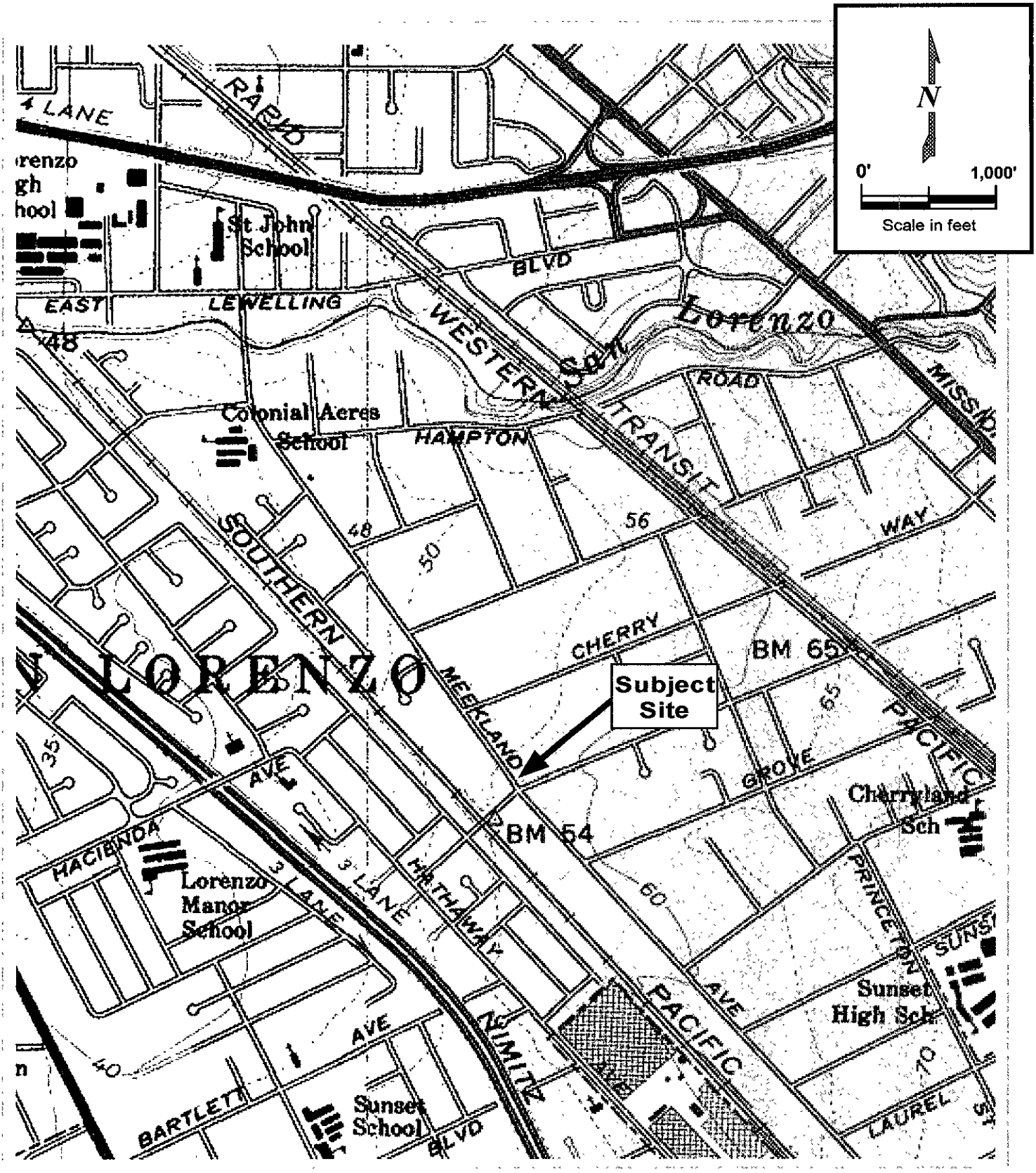
Well I.D.	Date	Screened Interval (feet below ground surface)	Surveyed T.O.C. Elevation (feet)	Depth to Groundwater (feet below ground surface)	Calculated Groundwater Elevation (feet)	Laboratory Analytical Results							
						TPH-g (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	F.O.'s (ug/L)	D.O. (mg/L)
MW-3		20 - 40?	55.44										
	18-Dec-2001			23.59	31.85	270	1.6	1 7	13	5.4	ND	--	--
	20-Sep-2001			24.16	31.28	380	1.7	2.6	32	8.9	ND	--	0 4
	20-Jun-2001			23.55	31.89	760	4.4	2 4	62	23	ND*	--	--
	29-Mar-2001			22.02	33 42	170	1.1	ND	10	1.6	ND	--	0.6
	12-Jan-2001			23.41	32.03	310	2.4	2.2	4.4	10	ND	--	0 7
	27-Sep-2000			23.09	32.35	430	ND	ND	44	ND	ND	ND	1.0
MW-4		20 - 40?	55.71										
	18-Dec-2001			23.80	31.91	ND	ND	0.9	ND	ND	ND	--	--
	20-Sep-2001			24.32	31 39	ND	ND	ND	ND	ND	ND	--	0.4
	20-Jun-2001			23.74	31.97	ND	ND	ND	ND	ND	ND	--	--
	29-Mar-2001			22.22	33.49	ND	ND	4.2	ND	ND	ND	--	0.5
	12-Jan-2001			23.60	32.11	ND	ND	ND	ND	ND	ND	--	0.7
	27-Sep-2000			23.25	32.46	ND	ND	ND	ND	ND	ND	ND	2.5
MW-5		25 - 45	56 03										
	18-Dec-2001			23 15	32.88	780	21	12	86	94	ND*	--	--
	20-Sep-2001			24.75	31.28	2,300	46	41	280	330	ND*	--	0.3
	20-Jun-2001			24 15	31.88	6,500	120	130	740	940	ND*	--	--
	29-Mar-2001			22.69	33.34	13,000	220	510	1,000	2,700	ND*	--	0.4
	12-Jan-2001			23.97	32.06	1,100	62	40	150	290	ND*	--	0.3
	27-Sep-2000			23.69	32.34	18,000	840	2.9	1,200	3,500	< 30	ND	0.4
MW-6		25 - 45	56.01										
	18-Dec-2001			24.16	31 85	3,700	33	8 7	320	110	< 1.5*	--	--
	20-Sep-2001			24.72	31 29	2,500	11	8.6	240	94	ND*	--	0.3
	20-Jun-2001			24.13	31.88	1,800	14	4.6	160	79	ND*	--	--
	29-Mar-2001			22.56	33 45	610	2.2	ND	37	4.6	ND*	--	0.5
	12-Jan-2001			23.97	32.04	2,300	16	3.5	290	83	ND*	--	0.5
	27-Sep-2000			23.56	32 45	1,300	ND	4.3	200	17	ND	ND	0.5
MW-7		25 - 45	56.66										
	18-Dec-2001			24.70	31.96	290	ND	ND	119	4.6	ND	--	--
	20-Sep-2001			25.27	31.39	290	0.98	ND	12	4.5	ND*	--	0.4
	20-Jun-2001			24.68	31.98	430	2.4	0 96	30	9.7	ND*	--	--
	29-Mar-2001			23.10	33.56	ND	ND	ND	ND	ND	ND	--	0.5
	12-Jan-2001			24.49	32.17	1,600	13	0.86	150	35	ND*	--	0.5
	27-Sep-2000			24.18	32.48	270	13	6.6	11	ND	ND	ND	0 5

Table 3: Summary of Groundwater Elevation and PHC Analytical Data
Former Harbert Transportation Facility, 19984 Meekland Avenue, Hayward, Ca.
Weber, Hayes and Associates Project H9042

Well I.D.	Date	Screened Interval (feet below ground surface)	Surveyed T.O.C. Elevation (feet)	Depth to Groundwater (feet below ground surface)	Calculated Groundwater Elevation (feet)	Laboratory Analytical Results							
						TPH-g (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	MTBE (ug/L)	F.O.'s (ug/L)	D.O. (mg/L)
MW-8		20 - 40	56.16										
	18-Dec-2001			24.16	32.00	ND	ND	ND	ND	ND	ND	--	--
	20-Sep-2001			24.68	31.48	ND	ND	ND	ND	ND	ND	--	1.6
	20-Jun-2001			24.09	32.07	ND	ND	ND	ND	ND	ND	--	--
	29-Mar-2001			22.56	33.60	ND	ND	0.8	ND	ND	ND	--	1.9
	12-Jan-2001			23.93	32.23	ND	ND	ND	ND	ND	ND	--	2.1
	27-Sep-2000			23.59	32.57	ND	ND	ND	ND	ND	ND	ND	1.9
MW-9		20 - 40	55.21										
	18-Dec-2001			23.38	31.83	6,400	640	120	630	1,300	< 1.5*	--	--
	20-Sep-2001			23.94	31.27	3,400	270	38.0	390	430	ND*	--	0.3
	20-Jun-2001			23.36	31.85	8,300	330	88.0	850	1,700	< 0.6*	--	--
	29-Mar-2001			21.61	33.60	1,600	110	14.0	240	150	ND*	--	0.4
	12-Jan-2001			23.17	32.04	10,000	550	110.0	1,200	2,200	ND*	--	0.5
	27-Sep-2000			22.90	32.31	1,000	40	6.7	110	55	ND	ND	0.5
MW-10		25 - 40	54.74										
	18-Dec-2001			21.11	33.63	1,500	7.9	2.9	ND	ND	< 0.6*	--	--
	20-Sep-2001			23.70	31.04	1,200	6	9.9	1.2	3.9	ND*	--	0.4
	20-Jun-2001			23.17	31.57	810****	3	1.6	5.1	13	ND*	--	--
	29-Mar-2001			21.63	33.11	600****	2	0.65	ND	0.72	ND	--	0.5
	12-Jan-2001			22.99	31.75	530	3.7	1.9	2.1	4.5	ND	--	0.6
	27-Sep-2000			22.72	32.02	880	ND	ND	ND	ND	ND	ND	0.4
MW-11		25 - 40	55.20										
	18-Dec-2001			23.39	31.35	ND	ND	0.56	ND	ND	ND	--	--
	20-Sep-2001			23.87	30.87	ND	ND	ND	ND	ND	ND	--	0.4
	20-Jun-2001			23.39	31.35	ND	ND	ND	ND	ND	ND	--	--
	29-Mar-2001			21.84	32.90	ND	ND	4.5	ND	ND	ND	--	0.6
	12-Jan-2001			23.21	31.53	ND	ND	2.1	ND	ND	ND	--	0.6
	27-Sep-2000			22.43	32.31	63	ND	ND	ND	ND	ND	ND	0.6
MW-12		25 - 40	56.49										
	18-Dec-2001			24.49	32.00	ND	ND	0.86	ND	ND	ND	--	--
	20-Sep-2001			24.95	31.54	ND	ND	ND	ND	ND	ND	--	0.7
	20-Jun-2001			24.47	32.02	ND	ND	ND	ND	ND	ND	--	--
	29-Mar-2001			22.91	33.58	ND	ND	5.0	ND	ND	ND	--	1.0
	12-Jan-2001			24.28	32.21	ND	ND	1.1	ND	ND	ND	--	1.0
	27-Sep-2000			23.98	32.51	ND	ND	ND	ND	ND	ND	ND	1.2
Laboratory's Practical Quantitation Limit (PQL):						**50**	**0.5**	**0.5**	**0.5**	**0.5**	**5**	**5**	Field Instrument
State Maximum Contaminant Level (MCL):						**1,000****	**1**	**150**	**700**	**1,750**	**5*****	**0.5**	

Notes:

T O C = Top of Casing Elevation Calculated groundwater elevation = TOC - Depth to Groundwater Referenced to NGVD
TPH-g = Total Petroleum Hydrocarbons as gasoline MTBE = Methy - tert - Butyl Ether
F.O 's = Fuel Oxygenates = Di-isopropyl ether (DIPE), tertiary Butyl Alcohol (TBA), Ethyl tertiary Butyl Ether (ETBE), tertiary amyl Methyl Ether (TAME)
VOC's = Volatile Organic Compounds D.O = Dissolved Oxygen
ug/L = micrograms per liter, parts per billion; mg/L = milligrams per liter, parts per million
ND = Not Detected at the Practical Quantitation Limit (PQL), <X = Not Detected at the elevated PQL, X PQL elevated because of sample dilutio
-- = Data not collected or measured, or analysis not conducted
MCL = Maximum Contaminant Level for drinking water in California (Department of Health Services)
* Confirmed by GC/MS method 8260
** = Action Level *** = Secondary MCL / water quality goal
**** = Laboratory Report indicates results within quantitation range, chromatographic pattern not typical of fuel



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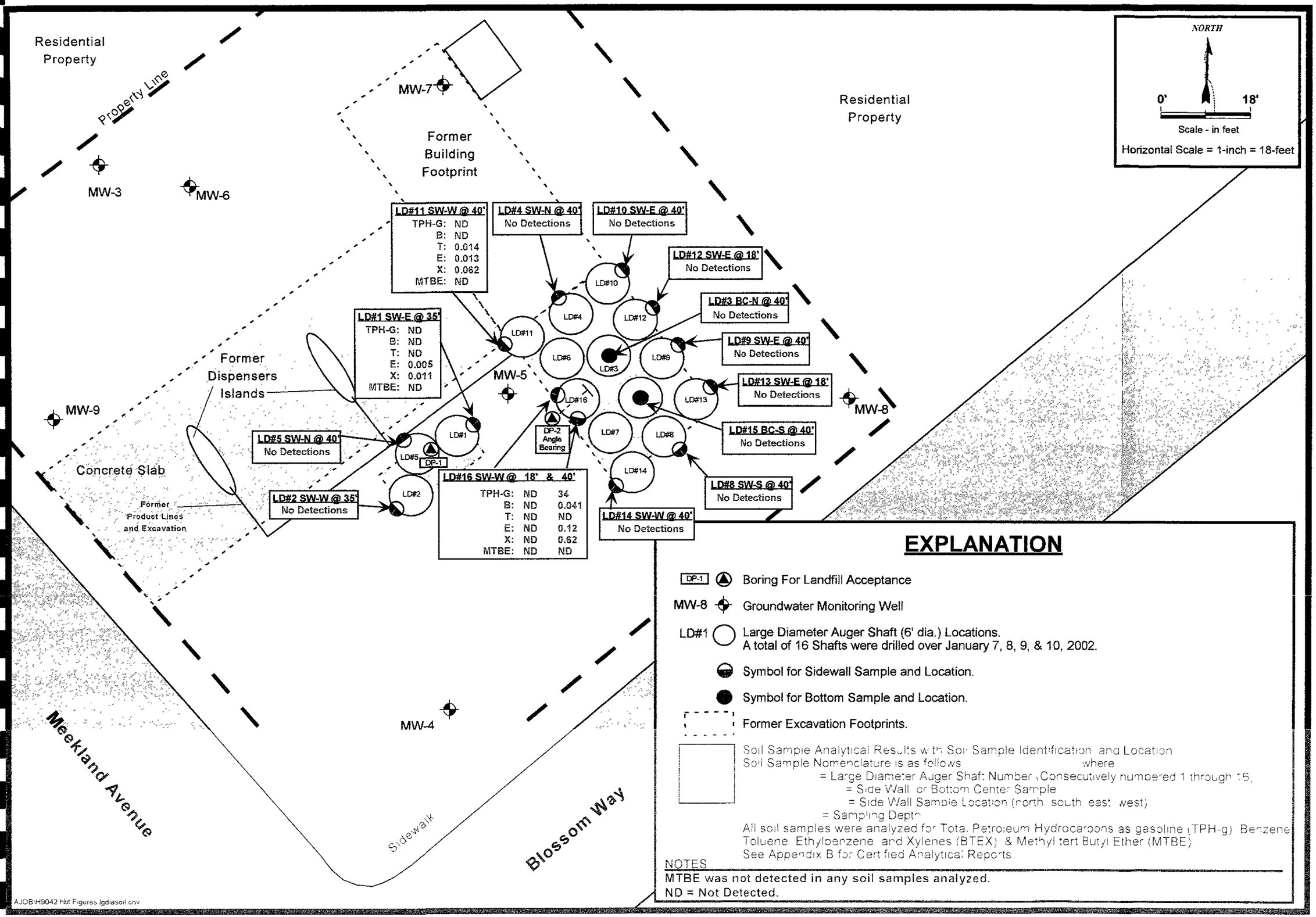
120 Westgate Drive, Watsonville, Ca. 95076
(831) 722 - 3580 (831) 662 - 3100

Location Map
Former Harbert Transportation Facility
19984 Meekland Avenue
Hayward, California

Figure 1
Job # H9042



EXPLANATION

DP-1 — Boring For Landfill Acceptance

MW-8 — Groundwater Monitoring Well

LD#1 — Large Diameter Auger Shaft (6' dia.) Locations.
A total of 16 Shafts were drilled over January 7, 8, 9, & 10, 2002.

Symbol for Sidewall Sample and Location.

Symbol for Bottom Sample and Location.

Former Excavation Footprints.

Soil Sample Analytical Results with Soil Sample Identification and Location
Soil Sample Nomenclature is as follows where
= Large Diameter Auger Shaft Number (Consecutively numbered 1 through 16,
= Side Wall or Bottom Center Sample
= Side Wall Sample Location (north, south, east, west)
= Sampling Depth
All soil samples were analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g) Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) & Methyl tert Butyl Ether (MTBE)
See Appendix B for Certified Analytical Reports

NOTES
MTBE was not detected in any soil samples analyzed.
ND = Not Detected.

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FIGURE 2
Job # H9042

Large Diameter Auger Source Removal Footprint Map and Soil Sampling Certified Analytical Results

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19984 Meekland Avenue
Hayward, California

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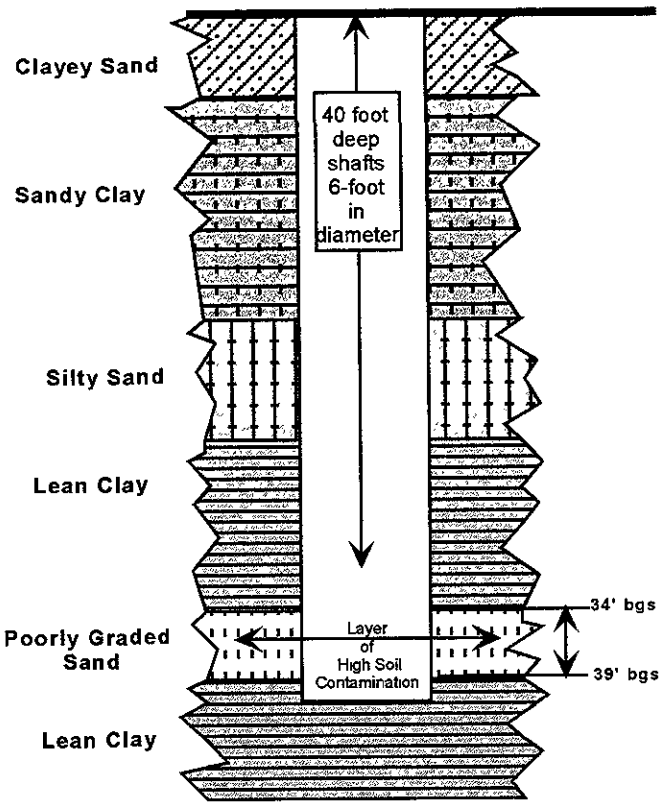
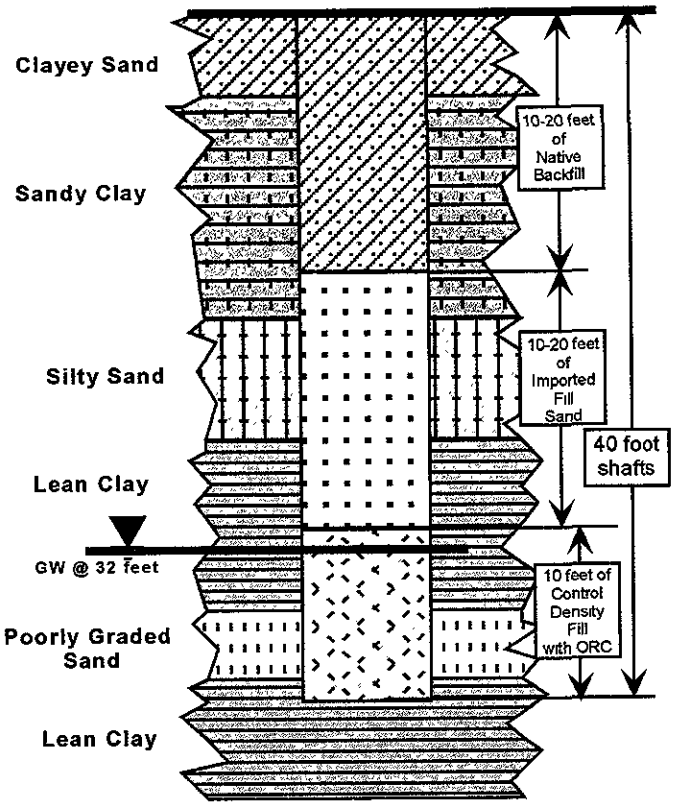
Large Diameter Auger Shafts
Source Removal



Large Diameter Auger Shafts
Backfilling Details



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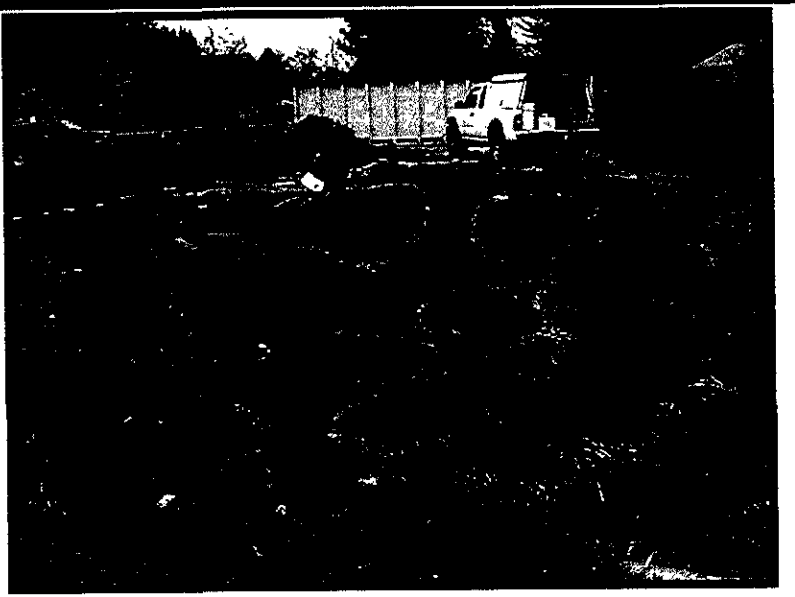
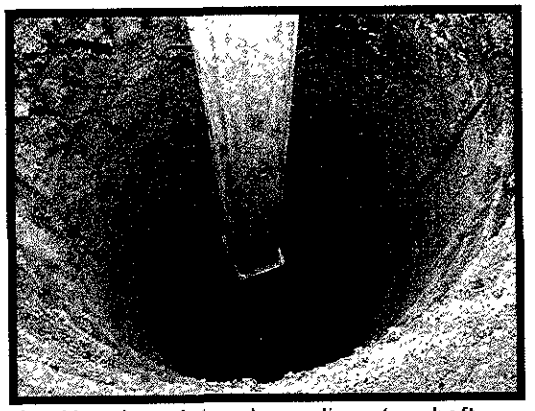
Large Diameter Auger Shafts and Backfilling Details
Former Harbert Transportation Facility
19984 Meekland Avenue, Hayward, California

Figure 3
Job # H9042

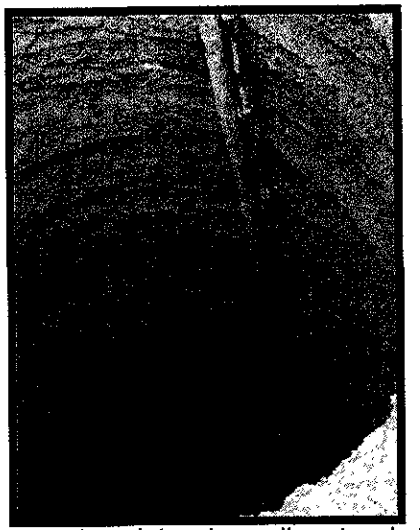


Large Diameter Auger Excavation Footprint.
Circles indicate proposed location of large diameter shaft

Note the size of the large diameter auger - 6' diameter by 6' long.
While drilling, the diameter of the shaft is actually about
1 to 1.5 feet wider than the diameter of the auger
due to wobble of the auger, vertical alignment, and lithology.



Looking down into a large diameter shaft.
Each shaft was drilled to 40 feet bgs.



Looking down into a large diameter shaft
with groundwater at 30 feet bgs.
A trash pump was used for dewatering.

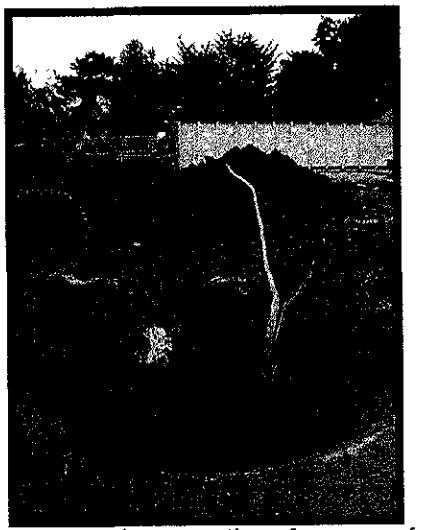


Photo shows dewatering operations from one of the shafts.
The Baker Tank in the back drop contained the groundwater.
3,000 gallons of groundwater was pumped from the site.

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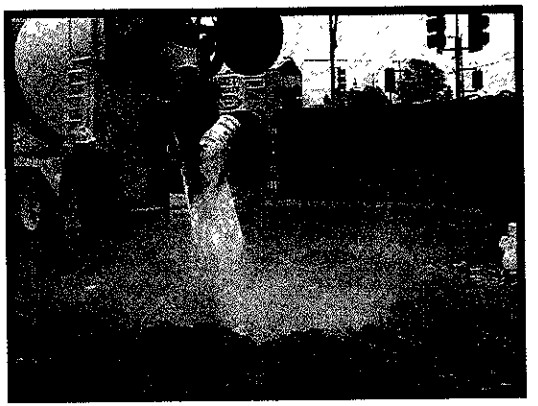
Photo Sheet #1
Former Harbert Transportation Facility
19984 Meekland Avenue, Hayward, California

Figure 4
Job # H9042

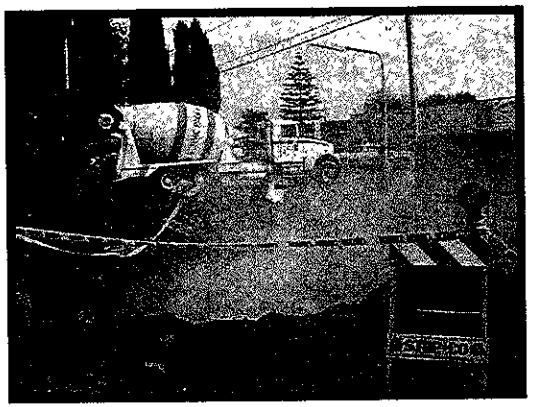
Looking southwest - photo shows large diameter excavation operations.

Drilling of large diameter shafts - Photo at right shows two shafts drilled within close proximity to each other which caused the collapse of the sidewall of one shaft into the other shaft.

Cement truck on standby waiting for the shaft to be completely drilled. Once drilled, backfilling operations commenced.



Adding Oxygen Release Compound into the saturated zone along with cement slurry - control density fill.



Oxygen Release Compound emanating from shaft, while cement truck waits for next shaft to be completed.

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Photo Sheet #2

Former Harbert Transportation Facility
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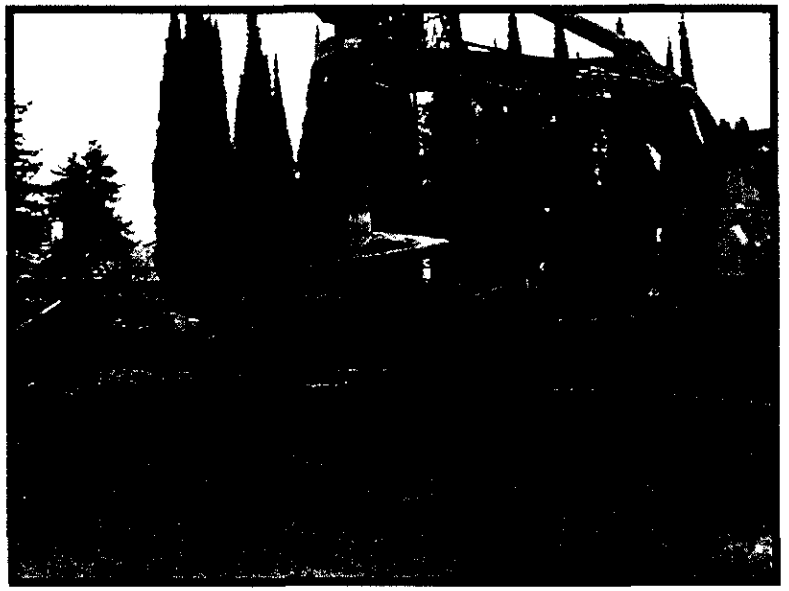
Figure 5
Job # H9042



Large Diameter Auger spinning of soil cuttings while backhoe immediately loads soils into trucks for transport to landfill.

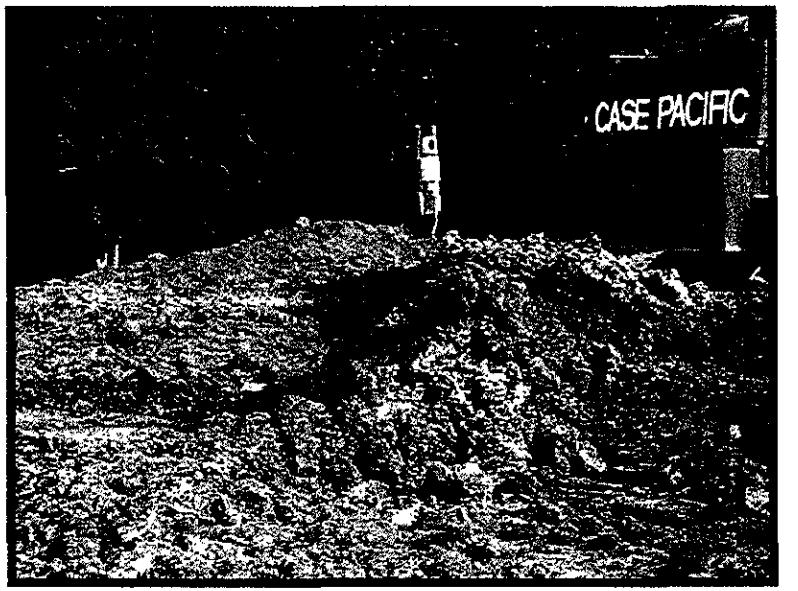


Photo shows the segregation of contaminated soils (foreground) from uncontaminated soils (background)

Photo shows WHA Geologist obtaining a confirmation soil grab sample from partially in-situ soils to show contamination has been successfully removed.

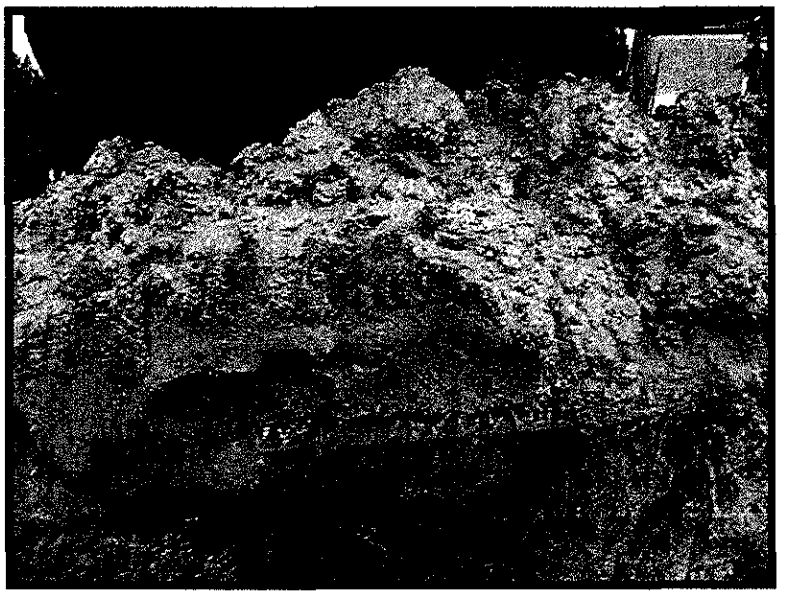


Photo shows a close up of the contact at 40 feet below ground surface of the contaminated soils atop uncontaminated soils

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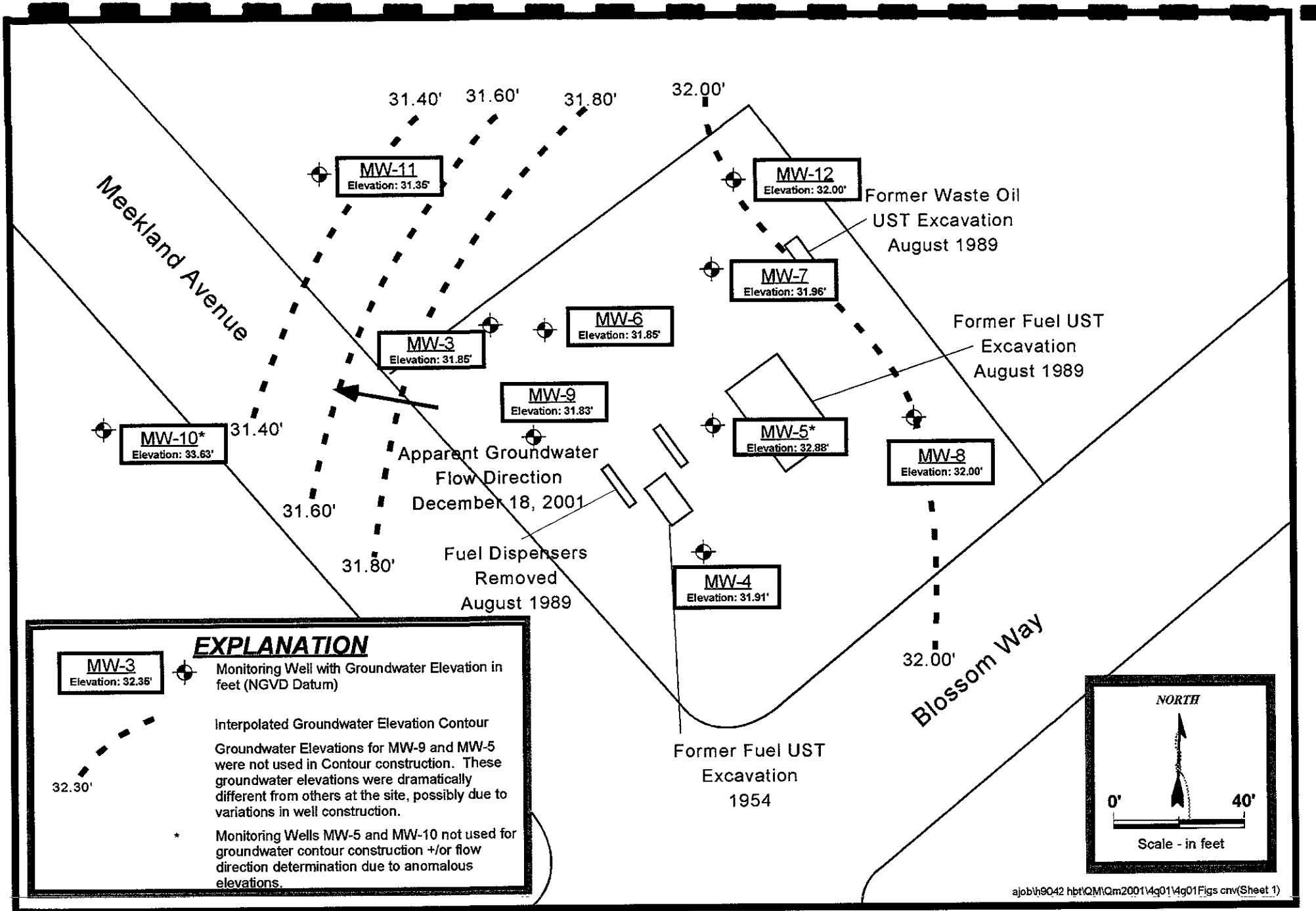
Photo Sheet #3

Former Harbert Transportation Facility
19984 Meekland Avenue, Hayward, California

Figure 6
Job # H9042



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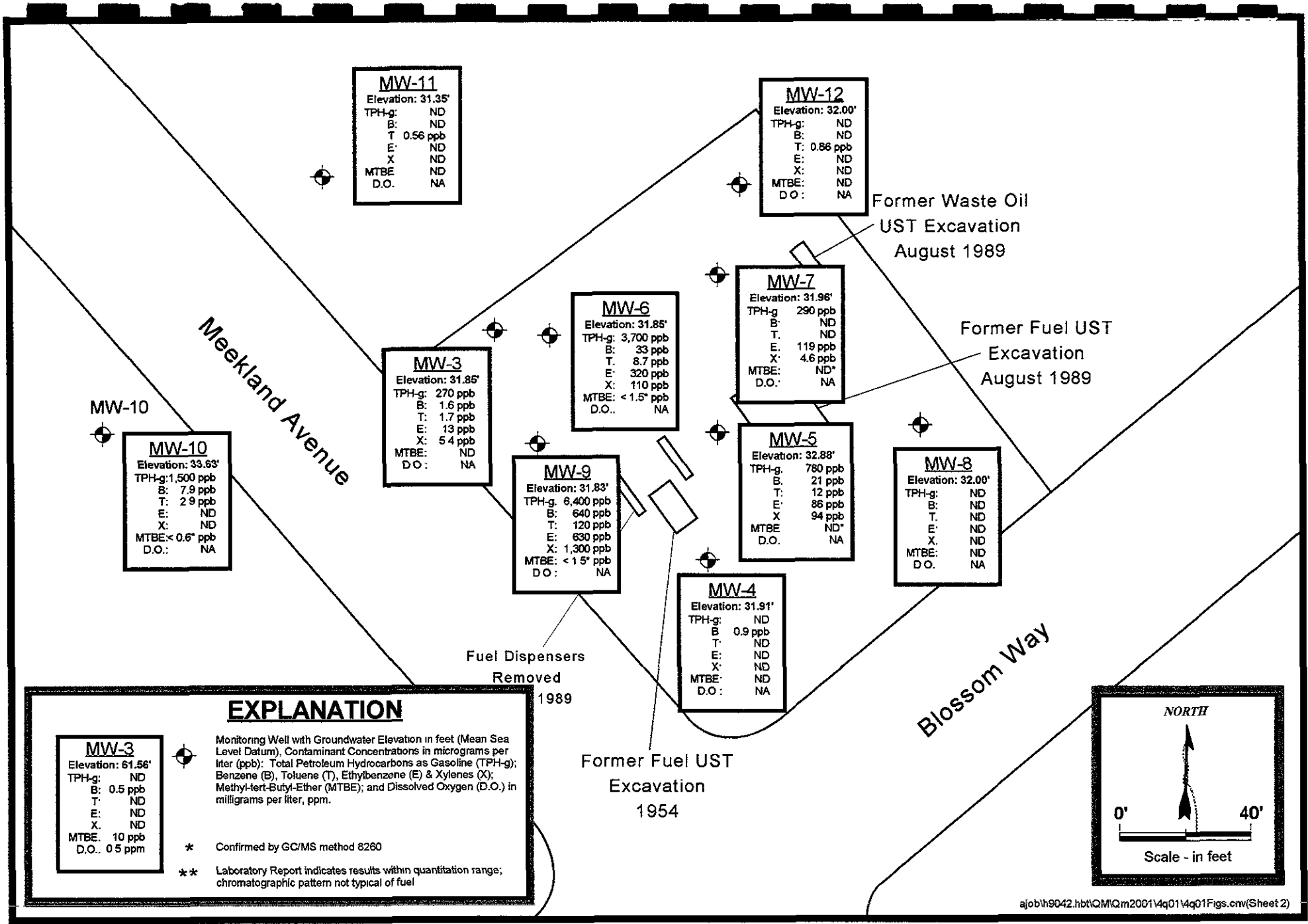
Site Plan with Groundwater Elevations
December 18, 2001
Former Harbert Transportation Facility
19984 Meekland Avenue, Hayward, California

Figure 7
Project H9042



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Site Plan with PHC Concentrations in Groundwater

December 18, 2001

Former Harbert Transportation Facility
19984 Meekland Avenue, Hayward, California

Figure 8
Project H9042

APPENDIX A

Geologic Logs of Landfill Acceptance Borings

Geologic Symbols and Terms

	Major Divisions	Symbols	Descriptions
Coarse Grained Soils	Gravels (More than 1/2 of coarse fraction > no. 4 sieve size)	GW	Well Graded Gravels, little or no fines
		GP	Poorly Graded Gravels, little or no fines
		GM	Silty Gravels, gravel-silt mixtures
		GC	Clayey Gravels, gravel-clay mixtures
	Sands (More than 1/2 of coarse fraction < no. 4 sieve size)	SW	Well Graded Sand, little to no fines
		SP	Poorly Graded Sand
		SM	Silty Sand, sand-silt mixtures
		SC	Clayey Sand, sand-clay mixtures
Fine Grained Soils	Silts and Clays Liquid Limit < 50%	ML	Silt or Very Fine Sands, rock flour, with slight plasticity
		CL	Inorganic Clay with high plasticity, lean clay
	Silts and Clays Liquid Limit > 50%	MH	Inorganic Sandy Clay or Silt, elastic silts
		CH	Inorganic Sandy Clay or Silt, with high plasticity, fat clays

Symbols and Terms

- First encountered groundwater
- Stabilized groundwater
- Sample interval
- Soil sample sent to laboratory for targeted analysis
- Water sample sent to laboratory for targeted analysis

Trace = < 5%
Few = 5 - 10%
Little = 15 - 20%
Some = 30 - 45%
Dominantly = > 50%

SOIL DENSITY/CONSISTENCY			
SANDS & GRAVELS	BLOWS/FT.	SILTS & CLAYS	BLOWS/FT.
VERY LOOSE	0 - 4	VERY SOFT	0 - 2
LOOSE	4 - 10	SOFT	2 - 4
MED. DENSE	10 - 30	FIRM	4 - 8
DENSE	30 - 50	STIFF	8 - 16
VERY DENSE	> 50	VERY STIFF	16 - 32
		HARD	> 32

Blow count is the number of blows required to drive a 2-inch diameter California Modified Split-Spoon Sampler the last 12 inches of an 18 inch sample interval by a 140-pound hammer free-falling 30 inches.

Well Construction Details:

- Bentonite Seal
- Cement Seal
- Filter Pack
- Screened Interval

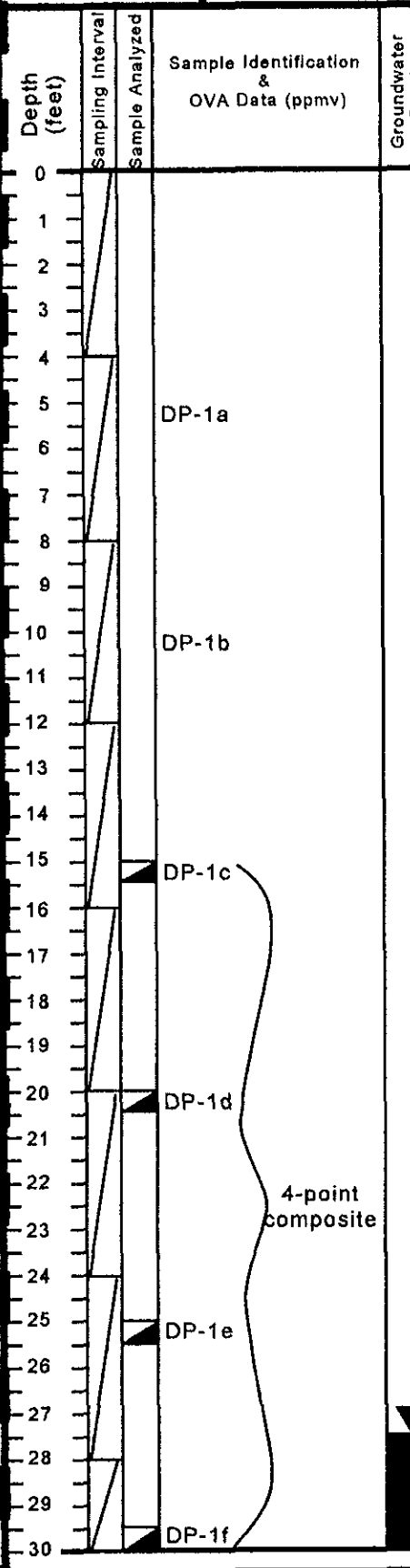
ags = above ground surface bgs = below ground surface
PID = Photo-Ionization Detector ppmv = parts per million by volume
USCS = Unified Soil Classification System

GEOLOGIC LOG

Driven Probe Boring

JOB NO.: H9042.C DATE: October 18, 2001
CLIENT: Harbert Transportation
LOCATION: 19984 Meekland Avenue, Hayward, California
LOGGED BY: A. Bierman SAMPLED BY: A. Bierman
DRILLER: EnProbe (Dennis Ott)
DRILL METHOD: Hydraulic Driven Large Bore and Macro-Core Probes

BORING # DP-1
Sheet 1 of 2



Lithologic Pattern	USCS	SOIL DESCRIPTION & CLASSIFICATION (Lithologic name, color, moisture, density/consistency, grain size%, other descriptors, HC odor.)
	CH	**Former Excavation Footprint: Clayey SAND**, very dark grayish brown (10YR 3/2), damp to dry, medium stiff to stiff, slightly friable, 30% fines 60% fine sands, 10% trace fine angular gravels, low plasticity, no odor, no discoloration.
	SM/SC	-Gradational contact
	SC	**SANDY CLAY**, brown (10YR 5/3) with dark gray (10YR 3/1) mottling, damp, moderate plasticity , 70% fines, 30% fine sands, no odor, no discoloration.
		-Coarsening downward to 40% fine sands, 60% fines, moist -Color changes to olive gray (5Y 4/2), moderate to strong odor.
		-Moderate to strong odor and discolored olive gray (5Y 4/2).
	SC-SM	-clay fines diminish, gradational contact.
	SM	**SILTY SAND**, olive gray (5Y 4/2), damp to moist, soft to very soft, 70% fine sands 30% silts, moderate odor.
	SM-CH	-Formation becomes medium stiff, gradational contact.
	CL	**Lean CLAY**, olive gray (5Y 4/2), with yellowish brown mottling (10YR 5/4), stiff to very stiff, moderate to low odor.
		-Groundwater stablizes at 27.55 feet bgs, rising from 32 feet bgs.
	CL	-Geologic log continued next page.

GEOLOGIC LOG

Driven Probe Boring

JOB NO.: H9042.C DATE: October 18, 2001
CLIENT: Harbert Transportation
LOCATION: 19984 Meekland Avenue, Hayward, California
LOGGED BY: A. Bierman SAMPLED BY: A. Bierman
DRILLER: EnProbe (Dennis Ott)
DRILL METHOD: Hydraulic Driven Large Bore and Macro-Core Probes

BORING # DP-1
Sheet 2 of 2

Depth (feet)	Sampling Interval	Sample Analyzed	Sample Identification & OVA Data (ppmv)	Groundwater Depth	Lithologic Pattern	USCS	SOIL DESCRIPTION & CLASSIFICATION (Lithologic name, color, moisture, density/consistency, grain size%, other descriptors, HC odor.)
30			DP-1f			CL	**Lean CLAY**, olive gray (5Y 4/2) with yellowish brown mottling (10YR 5/4), damp, stiff to very stiff, moderate to low odor.
31							
32							-Color changes to yellowish brown (10YR 5/4), with olive gray mottling (5Y 4/2), very stiff, low to no odor.
33							
34						CL-SM	-Gradational contact. First encountered groundwater at 35' bgs, rising to 27.5 feet bgs.
35			DP-1g	▼		SM	**SILTY SAND to Poorly Graded SAND**, greenish gray (5GY 5/1), wet, soft, 70% fine sands, 30% silts, moderate odor, coarsening downward to 90% medium to fine sands, 5% fines, moderate odor.
36							
37							
38						SM	-Abrupt contact.
39						CL	**Lean CLAY**, brown (10YR 4/3), dry, stiff to very stiff, no odor, no discoloration.
40			DP-1h				-Boring terminated at 40 feet bgs. -Seal boring with portland cement to groundsurface.
41							
42							
43							
44							
45							
46							
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49							
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51							
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53							
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55							
56							
57							
58							
59							
60							

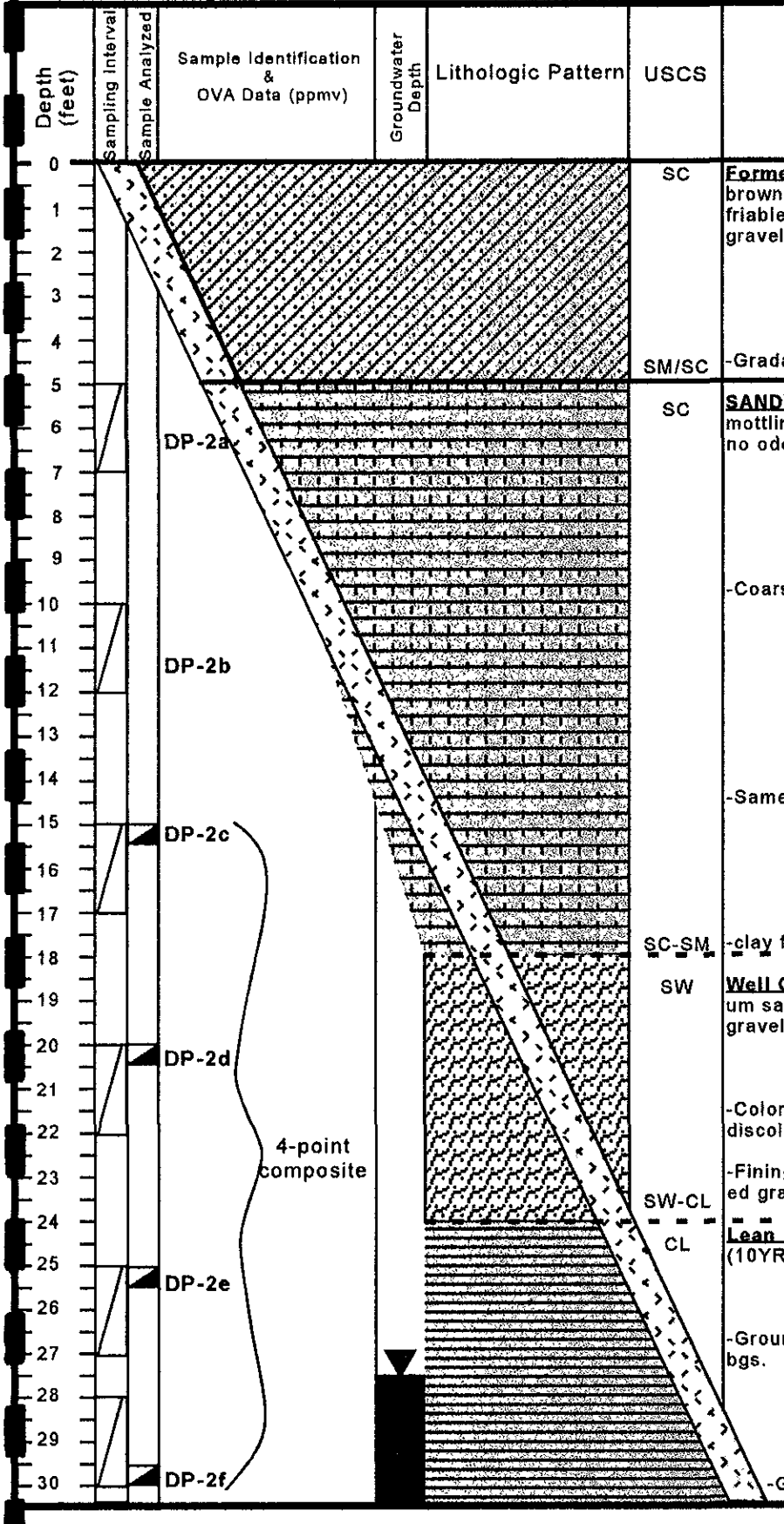
GEOLOGIC LOG

Driven Probe Angle Boring

JOB NO.: H9042.C DATE: October 18, 2001
CLIENT: Harbert Transportation
LOCATION: 19984 Meekland Avenue, Hayward, California
LOGGED BY: A. Bierman SAMPLED BY: A. Bierman
DRILLER: EnProbe (Dennis Ott)
DRILL METHOD: Hydraulic Driven Large Bore and Macro-Core Probes

BORING # DP-2

Sheet 1 of 2



USCS	SOIL DESCRIPTION & CLASSIFICATION (Lithologic name, color, moisture, density/consistency, grain size%, other descriptors, HC odor.)
SC	**Former Excavation Footprint: Clayey SAND**, very dark grayish brown (10YR 3/2), damp to dry, medium stiff to stiff, slightly friable, 30% fines 60% fine sands, 10% trace fine angular gravels, low plasticity, no odor, no discoloration.
SM/SC	-Gradational contact
SC	**SANDY CLAY**, brown (10YR 5/3) with dark gray (10YR 3/1) mottling, damp, moderate plasticity , 70% fines, 30% fine sands, no odor, no discoloration.
	-Coarsening downward to 40% fine sands, 60% fines, moist
	-Same as above, no odor, no discoloration.
SC-SM	-clay fines diminish, gradational contact.
SW	**Well Graded SAND**, brown (10YR 4/3), damp, loose, 60% medium sands, 30% coarse rounded sands, 10% fine rounded gravels, trace fines, no odor no discoloration.
	-Color changes to olive gray (5Y 4/2), moderate odor, and discolored.
	-Fining downward to 70% fine sands, 20% fines, 10% fine rounded gravels, loose to medium stiff, gradational contact.
SW-CL	
CL	**Lean CLAY**, olive gray (5Y 4/2), with yellowish brown mottling (10YR 5/4), stiff to very stiff, moderate to low odor.
	-Groundwater stablizes at 27.55 feet bgs, rising from 32 feet bgs.
	-Geologic log continued next page.

GEOLOGIC LOG

Driven Probe
Angle Boring

JOB NO.: H9042.C DATE: October 18, 2001
CLIENT: Harbert Transportation
LOCATION: 19984 Meekland Avenue, Hayward, California
LOGGED BY: A. Bierman SAMPLED BY: A. Bierman
DRILLER: EnProbe (Dennis Ott)
DRILL METHOD: Hydraulic Driven Large Bore and Macro-Core Probes

BORING # DP-2

Sheet 1 of 2

Depth (feet)	Sampling Interval	Sample Analyzed	Sample Identification & OVA Data (ppmv)	Lithologic Pattern	USCS	SOIL DESCRIPTION & CLASSIFICATION (Lithologic name, color, moisture, density/consistency, grain size%, other descriptors, HC odor.)
30			DP-2f		CL	**Lean CLAY**, olive gray (5Y 4/2), with yellowish brown mottling (10YR 5/4), stiff to very stiff, moderate to low odor.
31						
32						-color changes to yellowish brown (10YR 5/4), odor decreases to very low to no odor.
33						
34					CL-SC	-Formation increases in moisture, fine sands increase, gradational contact.
35					SC	**CLAYEY SAND**, yellowish brown (10YR 5/4), very moist to wet, rises to 28 feet bgs, soft to slightly loose, 80% fine sands, 20% *fines, no odor, no discolroation.*
36						
37			DP-2g			
38						-Boring terminated at 38 feet bgs. -Seal boring with portland cement to groundsurface.
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APPENDIX B

Certified Analytical Reports
from Excavation

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

October 26, 2001

Aaron Bierman
Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076

Order:	27319	**Date Collected:**	10/18/01
Project Name:	Harbert Transportation	**Date Received:**	10/18/01
Project Number:	H9042.C	**P.O. Number:**	H9042.C
Project Notes:			

On October 18, 2001, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Solid	Composite	Composite
	Gas/BTEX/MTBE	EPA 8015 MOD. (Purgeable)
		EPA 8020
	Lead	EPA 6010B

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-588-0200.

Sincerely,

Michelle L. Anderson
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 10/26/01
Date Received: 10/18/01
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Client

Certified Analytical Report

Order ID: 27319 **Lab Sample ID:** 27319-005 **Client Sample ID:** DP-1(c-f) COMP

Sample Time: **Sample Date:** 10/18/01 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	10/23/01	SGC22201B	EPA 8020
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	10/23/01	SGC22201B	EPA 8020
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	10/23/01	SGC22201B	EPA 8020
Xylenes, Total	ND		1	0.005	0.005	mg/Kg	N/A	10/23/01	SGC22201B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	106	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0 05	0.05	mg/Kg	N/A	10/23/01	SGC22201B	EPA 8020

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	10/23/01	SGC22201B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	104	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 10/26/01
Date Received: 10/18/01
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Client

Certified Analytical Report

Order ID: 27319 **Lab Sample ID:** 27319-010 **Client Sample ID:** DP-2(c-f) COMP

Sample Time: **Sample Date:** 10/18/01 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		200	0.0005	0.1	mg/Kg	N/A	10/19/01	SGC42199B	EPA 8020
Toluene	0.13		200	0.0005	0.1	mg/Kg	N/A	10/19/01	SGC42199B	EPA 8020
Ethyl Benzene	0.37		200	0.0005	0.1	mg/Kg	N/A	10/19/01	SGC42199B	EPA 8020
Xylenes, Total	1.2		200	0.001	0.2	mg/Kg	N/A	10/19/01	SGC42199B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	93	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		200	0.005	1	mg/Kg	N/A	10/19/01	SGC42199B	EPA 8020

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	130		200	0.050	10	mg/Kg	N/A	10/19/01	SGC42199B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	83	65 - 135

Comment: Sample required methanol extraction due to high concentrations of target hydrocarbons

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 10/26/01
Date Received: 10/18/01
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Client

Certified Analytical Report

Order ID: 27319 **Lab Sample ID:** 27319-005 **Client Sample ID:** DP-1(c-f) COMP

Sample Time: **Sample Date:** 10/18/01 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	PrepDate	Analysis Date	QC Batch ID	Method
Lead	8.6	5	1	5	mg/Kg	10/19/01	10/25/01	SM8106	EPA 6010B

Order ID: 27319 **Lab Sample ID:** 27319-010 **Client Sample ID:** DP-2(c-f) COMP

Sample Time: **Sample Date:** 10/18/01 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	PrepDate	Analysis Date	QC Batch ID	Method
Lead	13	5	1	5	mg/Kg	10/19/01	10/25/01	SM8106	EPA 6010B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

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Quality Control Results Summary

QC Batch #: SM8106
Matrix: Solid
Units: mg/Kg
Date Analyzed: 10/22/01

arameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Lead	EPA 6010B	ND		50		41.83	LCS	83.7			75.0 - 111.0
ead	EPA 6010B	ND		50		42.78	LCSD	85.6	2.25	30.00	75.0 - 111.0
ead	EPA 6010B	ND	27316-001	50	8.9	46.3	MS	74.8			53.0 - 136 6
Lead	EPA 6010B	ND	27316-001	50	8.9	53.5	MSD	89.2	14.43	30.00	53.0 - 136 6

Entech Analytical Labs, Inc.

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Quality Control Results Summary

QC Batch #: SGC22201B
Matrix: Solid
Units: mg/Kg
Date Analyzed: 10/23/01

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		0.561		0.484	LCS	86.3			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			104			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.007	LCS	112.9			55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		0.007	LCS	89.7			58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.034	LCS	95.0			56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		0.039	LCS	90.7			64.9 - 105.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			101			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		0.062		0.061	LCS	98.4			45.0 - 119.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			101			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		0.561		0.481	LCSD	85.7	0.62	30.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			105			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.007	LCSD	112.9	0.00	30.00	55.0 - 153 0
Ethyl Benzene	EPA 8020	ND		0.0078		0.007	LCSD	89.7	0.00	30.00	58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.033	LCSD	92.2	2.99	30.00	56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		0.038	LCSD	88.4	2.60	30.00	64.9 - 105.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			105			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		0.062		0.059	LCSD	95.2	3.33	30.00	45.0 - 119.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			105			65 - 135					

Entech Analytical Labs, Inc.

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Date: 10/26/01

Certified Analytical Report

Lab Sample ID: Method Blank **Matrix:** Solid

Test	Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
TPH as Gasoline	TPH as Gasoline	ND	1	1	1	mg/Kg	10/23/01	SGC22201B	EPA 8015 MOD. (Purgeable)
	Surrogate	**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene	110		65 - 135					
BTEX	Benzene	ND	1	0.005	0.005	mg/Kg	10/23/01	SGC22201B	EPA 8020
	Ethyl Benzene	ND	1	0.005	0.005	mg/Kg	10/23/01	SGC22201B	EPA 8020
	Toluene	ND	1	0.005	0.005	mg/Kg	10/23/01	SGC22201B	EPA 8020
	Xylenes, Total	ND	1	0.005	0.005	mg/Kg	10/23/01	SGC22201B	EPA 8020
	Surrogate	**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene	106		65 - 135					
MTBE by EPA 8020	Methyl-t-butyl Ether	ND	1	0.05	0.05	mg/Kg	10/23/01	SGC22201B	EPA 8020
	Surrogate	**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene	106		65 - 135					

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

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Quality Control Results Summary

QC Batch #: SGC42199B
Matrix: Solid
Units: mg/Kg
Date Analyzed: 10/19/01

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		0.561		0.512	LCS	91.3			65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		100			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.006	LCS	96.8			55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		0.007	LCS	89.7			58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.031	LCS	86.6			56.1 - 127.0
Xylenes, total	*EPA 8020*	ND		*0.043*		0.034	LCS	79.1			64.9 - 105.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		104			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		0.062		0.05	LCS	80.6			45.0 - 119.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		104			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		0.561		0.518	LCSD	92.3	1.17	30.00	65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		99			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.006	LCSD	96.8	0.00	30.00	55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		0.007	LCSD	89.7	0.00	30.00	58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.031	LCSD	86.6	0.00	30.00	56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		0.034	LCSD	79.1	0.00	30.00	64.9 - 105 0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		105			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		0.062		0.051	LCSD	82.3	1.98	30.00	45.0 - 119.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		105			65 - 135					

Entech Analytical Labs, Inc.

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Date: 10/26/01

Certified Analytical Report

Lab Sample ID: Method Blank **Matrix:** Solid

Test	Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
TPH as Gasoline	TPH as Gasoline	ND	1	1	1	mg/Kg	10/19/01	SGC42199B	EPA 8015 MOD. (Purgeable)
Surrogate	**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene	105			65 - 135					
BTEX	Benzene	ND	1	0.005	0.005	mg/Kg	10/19/01	SGC42199B	EPA 8020
	Ethyl Benzene	ND	1	0.005	0.005	mg/Kg	10/19/01	SGC42199B	EPA 8020
	Toluene	ND	1	0.005	0 005	mg/Kg	10/19/01	SGC42199B	EPA 8020
	Xylenes, Total	ND	1	0.005	0.005	mg/Kg	10/19/01	SGC42199B	EPA 8020
Surrogate	**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene	102			65 - 135					
MTBE by EPA 8020	Methyl-t-butyl Ether	ND	1	0.05	0.05	mg/Kg	10/19/01	SGC42199B	EPA 8020
Surrogate	**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene	102			65 - 135					

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Weber, Hayes & Associates
Hydrogeology and Environmental Engineering
120 Westgate Dr., Watsonville, CA 95076
(831) 722-3580 (831) 662-3100
Fax: (831) 722-1159

CHAIN -OF-CUSTODY RECORD

PROJECT NAME AND JOB #: Harbert Transportation / H9042.C

LABORATORY: Entech Analytical

SEND CERTIFIED RESULTS TO: Aaron Bierman

TURNAROUND TIME: (Normal) 24hr Rush 48hr Rush 72hr Rush

27319

Lab #	Sample Identification AB (sampler)	Sample Depth (ft, bgs)	Date Sampled	40 mL VOAs (preserved)	1 Liter Amber Jars	___mL Poly Bottle	Liner (Acetate) or Brass	Extractable Fuel Scan	Purgeable Fuel Scan	Gasoline & BTEX-MTBE by EPA Method# 8015M & 8020	MTBE by by EPA Method# 8260	Lead TTLC	Lead STLC		
-001	DP-1c	15'	10/18/01	005			x			X	X	X			
-002	DP-1d	20'	"				x								
-003	DP-1e	25'	"				x								
-004	DP-1f	30'	"				x								
-006	DP-2c	15'	10/18/01	010			x			X		X			
007	DP-2d	20'	"				x								
008	DP-2e	25'	"				x								
009	DP-2f	30'	"				x								

	RECEIVED BY:	Date & Time	RELEASED BY:	Date & Time	SAMPLE CONDITION: (circle 1)
1.)	Sampler: Aaron Bierman	10/18/01 @ 1:00pm	Aaron Bierman	10/18/01 @ 1:31pm	Ambient (Refrigerated) Frozen
2.)	[signature]	10/18/01 1325			Ambient (Refrigerated) Frozen
3.)					Ambient Refrigerated Frozen
4.)					Ambient Refrigerated Frozen
5.)					Ambient Refrigerated Frozen

NOTES:

- [✓] Please confirm all MTBE detections by EPA Method 8260 with a minimum detection limit of 5 ug/L.
- [✓] For MTBE-analyzed samples with non-detectable results (ND) but having elevated detection limits, please confirm by EPA Method #8260
- [✓] Please use MDL (Minimum Detection Limit) for any diluted samples.

ADDITIONAL COMMENTS

These samples represent soil that is to be generated during a excavation of a former UST pit.
These samples are for meeting and obtaining landfill acceptance.
Please analyze for soluable lead if total lead is above 50 mg/kg.
-PLEASE RUN TWO, 4-POINT COMPOSITES AS INDICATED: (DP-1c,d,e,f) (DP-2c,d,e,f).

FIELDLOG\A-COC\LABCOC.WB3 WHA

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

January 09, 2002

Aaron Bierman
Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076

Order:	28428	**Date Collected:**	01/07/02
Project Name:	Harbert Transportation	**Date Received:**	01/07/02
Project Number:	H9042.C	**P.O. Number:**	H9042.C
Project Notes:			

On January 07, 2002, sample was received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Liquid	Gas/BTEX/MTBE	EPA 8015 MOD. (Purgeable)
		EPA 8020
	MTBE by EPA 8260B	EPA 8260B

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-588-0200.

Sincerely,

Michelle L. Anderson
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 1/9/02
Date Received: 1/7/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Aaron Bierman

Certified Analytical Report

Order ID: 28428 **Lab Sample ID:** 28428-001 **Client Sample ID:** PIT Water#1

Sample Time: **Sample Date:** 1/7/02 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	450		50	0.5	25	µg/L	N/A	1/8/02	WGC42278B	EPA 8020
Toluene	320		50	0.5	25	µg/L	N/A	1/8/02	WGC42278B	EPA 8020
Ethyl Benzene	1500		50	0.5	25	µg/L	N/A	1/8/02	WGC42278B	EPA 8020
Xylenes, Total	3800		50	0.5	25	µg/L	N/A	1/8/02	WGC42278B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	98.37	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/L	N/A	1/8/02	WMS31356	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	110	65 - 135
Dibromofluoromethane	103	57 - 156
Toluene-d8	104	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	22000		50	50	2500	µg/L	N/A	1/8/02	WGC42278B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	88	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Quality Control Results Summary

QC Batch #: WGC42278B
Matrix: Liquid
Units: µg/L
Date Analyzed: 01/08/02

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		561		479.8	LCS	85.5			59.2 - 111.9
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		102			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		6.59	LCS	106.3			65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		6.93	LCS	88.8			65.0 - 135.0
Toluene	EPA 8020	ND		35.8		32.2	LCS	89.9			65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		37.4	LCS	87.0			65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		107			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		561		488.8	LCSD	87.1	1.86	25.00	59.2 - 111.9
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		100			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		6.47	LCSD	104.4	1.84	25.00	65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		7.26	LCSD	93.1	4.65	25.00	65.0 - 135.0
Toluene	EPA 8020	ND		35.8		33.4	LCSD	93.3	3.66	25.00	65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		39.1	LCSD	90.9	4.44	25.00	65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		104			65 - 135					

Entech Analytical Labs, Inc.

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Quality Control Results Summary

QC Batch #: WMS31356 **Units:** µg/L
Matrix: Liquid **Date Analyzed:** 01/08/02

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: EPA 8260B											
1,1-Dichloroethene	EPA 8260B	ND		20		14.8	LCS	74.0			65.0 - 135.0
Benzene	EPA 8260B	ND		20		17.5	LCS	87.5			65.0 - 135.0
Chlorobenzene	EPA 8260B	ND		20		17.4	LCS	87.0			65.0 - 135.0
Methyl-t-butyl Ether	EPA 8260B	ND		20		18	LCS	90.0			56.0 - 135.0
Toluene	EPA 8260B	ND		20		16.5	LCS	82.5			65.0 - 135.0
Trichloroethene	EPA 8260B	ND		20		18.1	LCS	90.5			65.0 - 135.0

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	102	65 - 135
Dibromofluoromethane	101	57 - 139
Toluene-d8	100	65 - 135

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: EPA 8260B											
1,1-Dichloroethene	EPA 8260B	ND		20		17.1	LCSD	85.5	14.42	25.00	65.0 - 135.0
Benzene	EPA 8260B	ND		20		19.1	LCSD	95.5	8.74	25.00	65.0 - 135.0
Chlorobenzene	EPA 8260B	ND		20		18.9	LCSD	94.5	8.26	25.00	65.0 - 135.0
Methyl-t-butyl Ether	EPA 8260B	ND		20		19.3	LCSD	96.5	6.97	25.00	56.0 - 135.0
Toluene	EPA 8260B	ND		20		18.1	LCSD	90.5	9.25	25.00	65.0 - 135.0
Trichloroethene	EPA 8260B	ND		20		19.7	LCSD	98.5	8.47	25.00	65.0 - 135.0

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	103	65 - 135
Dibromofluoromethane	102	57 - 139
Toluene-d8	103	65 - 135

Weber, Hayes & Associates
Hydrogeology and Environmental Engineering
120 Westgate Dr., Watsonville, CA 95076
(831) 722-3580 (831) 662-3100
Fax: (831) 722-1158

CHAIN -OF-CUSTODY RECORD

PROJECT NAME AND JOB #: **Harbert Transportation / H9042.C**

LABORATORY: **Entech Analytical**

SEND CERTIFIED RESULTS TO: **Aaron Bierman**

TURNAROUND TIME: Normal 24hr Rush (48hr Rush) 72hr Rush

Sample Identification	Sample Depth	Date Sampled	SAMPLE CONTAINERS: 40 mL VOAs (preserved)	1 Liter Amber Jars	___mL Poly Bottle	Liner Acetate or Brass	REQUESTED ANALYSIS: Total Petroleum Hydrocarbons: Extractable Fuel Scan	Purgeable Fuel Scan	Gasoline & BTEX-MTBE by EPA Method# 8015M & 8020	Additional Analysis: MTBE by by EPA Method# 8260	Lead TTLC	Lead STLC		
PIT WATER #1	30'	1/7/02	x5						X				28428-001	

48 HR RUSH

RECEIVED BY:	Date & Time	RELEASED BY:	Date & Time
1.) Sampler: Aaron Bierman	1/7/02 @ 3:40pm	Aaron Bierman	1/7/02 @ 4:00pm
2.) Marco A.	1/7/02 4:40	Marco A.	1/7/02 -
3.) [signature]	1-7-02 4:53		- -
4.)	- -		- -
5.)	- -		- -

SAMPLE CONDITION: (circle 1)

Ambient	(Refrigerated)	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen

NOTES:

- ✓ Please confirm all MTBE detections by EPA Method 8260 with a minimum detection limit o f 5 ug/L.
- ✓ For MTBE-analyzed samples with non-detectable results (ND) but having elevated detection limits, please confirm by EPA Method #8260.
- ✓ Please use MDL (Minimum Detection Limit) for any diluted samples.

ADDITIONAL COMMENTS

PLEASE FAX C.O.C. TO WHA OFFICE UPON RECEIPT OF SAMPLES @ LAB.

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

January 10, 2002

Aaron Bierman
Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076

Order:	28440	**Date Collected:**	1/8/02
Project Name:	Harbert Transportation	**Date Received:**	1/8/02
Project Number:	H9042.C	**P.O. Number:**	H9042.C

Project Notes: Report amended 1/10/02 to correct sample results and include correct dilution factor. Please disregard any previuosly submitted reports for work order 28440.

On January 08, 2002, sample was received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Liquid	Gas/BTEX/MTBE	EPA 8015 MOD. (Purgeable)
		EPA 8020
	MTBE by EPA 8260B	EPA 8260B

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-588-0200.

Sincerely,

Michelle L. Anderson
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 1/10/02
Date Received: 1/8/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Aaron Bierman

Certified Analytical Report

Order ID: 28440 **Lab Sample ID:** 28440-001 **Client Sample ID:** PIT Water #2

Sample Time: **Sample Date:** 1/8/02 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	320		50	0.5	25	µg/L	N/A	1/9/02	WGC42281	EPA 8020
Toluene	140		50	0.5	25	µg/L	N/A	1/9/02	WGC42281	EPA 8020
Ethyl Benzene	1300		50	0.5	25	µg/L	N/A	1/9/02	WGC42281	EPA 8020
Xylenes, Total	2900		50	0.5	25	µg/L	N/A	1/9/02	WGC42281	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	104	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		50	0.3	15	µg/L	N/A	1/9/02	WMS31356	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	105	65 - 135
Dibromofluoromethane	99	57 - 156
Toluene-d8	108	65 - 135

Comment: Sample diluted due to high concentrations of non-target hydrocarbons (gasoline).

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	18000		50	50	2500	µg/L	N/A	1/9/02	WGC42281	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	99	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Quality Control Results Summary

QC Batch #: WGC42281 **Units:** µg/L
Matrix: Liquid **Date Analyzed:** 01/09/02

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		561		493.3	LCS	87.9			59.2 - 111.9
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		99			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		7.19	LCS	116.0			65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		7.45	LCS	95.5			65.0 - 135.0
Toluene	EPA 8020	ND		35.8		33.7	LCS	94.1			65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		39.6	LCS	92.1			65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		107			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		52 8		55.7	LCS	105.5			65 0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		107			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		561		467.9	LCSD	83.4	5.29	25.00	59.2 - 111.9
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		101			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		6.44	LCSD	103.9	11.01	25.00	65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		7.03	LCSD	90.1	5.80	25.00	65.0 - 135.0
Toluene	EPA 8020	ND		35.8		32.5	LCSD	90.8	3.63	25.00	65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		37.9	LCSD	88.1	4.39	25.00	65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		107			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		52.8		47.7	LCSD	90.3	15.47	25.00	65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		107			65 - 135					

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120 Westgate Dr., Watsonville, CA 95076
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Fax: (831) 722-1159

CHAIN -OF-CUSTODY RECORD

PROJECT NAME AND JOB #: **Harbert Transportation / H9042.C**

LABORATORY: **Entech Analytical**

SEND CERTIFIED RESULTS TO: **Aaron Bierman**

TURNAROUND TIME: Normal (24hr Rush) 48hr Rush 72hr Rush

Sample Identification	Sample Depth	Date Sampled	SAMPLE CONTAINERS: 40 mL VOAs (preserved)	1 Liter Amber Jars	___mL Poly Bottle	Liner Acetate or Brass	REQUESTED ANALYSIS: Total Petroleum Hydrocarbons: Extractable Fuel Scan	Purgeable Fuel Scan	Gasoline & BTEX MTBE by EPA Method# 8015M & 8020	Additional Analysis: MTBE by by EPA Method# 8260	Lead FILC	Lead STLC		
Pit Water #2	30'	1/8/02	X5						X				28440-001	

24 HR RUSH

	RECEIVED BY:	Date & Time	RELEASED BY:	Date & Time
1.)	Sampler: Aaron Bierman	1/8/02 @ 1:45pm	Aaron Bierman	1/8/02 @ 2:00pm
2.)		1/8/02 2:00pm		
3.)	Joseph Machado	1/8/02 1540		
4.)		- -		- -
5.)		- -		- -

SAMPLE CONDITION: (circle 1)

Ambient	(Refrigerated)	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen
Ambient	Refrigerated	Frozen

NOTES:

- ✓ Please confirm all MTBE detections by EPA Method 8260 with a minimum detection limit o f _____ ug/L.
- ✓ For MTBE-analyzed samples with non-detectable results (ND) but having elevated detection limits, please confirm by EPA Method #8260.
- ✓ Please use MDL (Minimum Detection Limit) for any diluted samples.

ADDITIONAL COMMENTS

SAMPLED AFTER PUMPING 2,000 GALLONS FROM PIT.
PLEASE FAX C.O.C. TO WHA OFFICE UPON RECEIPT OF SAMPLE @ LABORATORY. AB WHA

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

January 10, 2002

Aaron Bierman
Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076

Order:	28441	**Date Collected:**	01/08/02
Project Name:	Harbert Transportation	**Date Received:**	01/08/02
Project Number:	H9042.C	**P.O. Number:**	H9042.C
Project Notes:			

On January 08, 2002, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Solid	Composite	Composite
	Gas/BTEX/MTBE	EPA 8015 MOD. (Purgeable)
		EPA 8020

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-588-0200.

Sincerely,

Michelle L. Anderson
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 01/10/02
Date Received: 01/08/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Aaron Bierman

Certified Analytical Report

Order ID: 28441 **Lab Sample ID:** 28441-005 **Client Sample ID:** Soil Reuse #1A,b,c,d(Comp.)

Sample Time: **Sample Date:** 01/08/02 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/10/02	SGC42282	EPA 8020
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	01/10/02	SGC42282	EPA 8020
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/10/02	SGC42282	EPA 8020
Xylenes, Total	ND		1	0.005	0.005	mg/Kg	N/A	01/10/02	SGC42282	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	111	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0.05	0.05	mg/Kg	N/A	01/10/02	SGC42282	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	111	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	01/10/02	SGC42282	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	114	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Quality Control Results Summary

QC Batch #: SGC42282 **Units:** mg/Kg
Matrix: Solid **Date Analyzed:** 1/9/02

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		0.561		0.503	LCS	89.7			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			99			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.007	LCS	112 9			55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0 0078		0.008	LCS	102.6			58 4 - 116 0
Toluene	EPA 8020	ND		0 0358		0.035	LCS	97 8			56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		0 041	LCS	95.3			64.9 - 105.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			106			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		0.561		0.486	LCSD	86.6	3.44	30.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			99			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0 0062		0.007	LCSD	112.9	0.00	30 00	55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		0.007	LCSD	89.7	13.33	30.00	58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.033	LCSD	92.2	5.88	30.00	56 1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		0.039	LCSD	90.7	5.00	30.00	64.9 - 105.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			106			65 - 135					

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Fax: (831) 722-1159

CHAIN -OF-CUSTODY RECORD

PAGE 1 OF 1

PROJECT NAME AND JOB #: **Harbert Transportation / H9042.C**

LABORATORY: **Entech Analytical**

SEND CERTIFIED RESULTS TO: **Aaron Bierman**

TURNAROUND TIME: Normal **24hr Rush** 48hr Rush 72hr Rush

Sample Identification	Sample Depth	Date Sampled	SAMPLE CONTAINERS: 40 mL VOAs (preserved)	1 Liter Amber Jars	___mL Poly Bottle	Liner Acetate or Brass	REQUESTED ANALYSIS: Total Petroleum Hydrocarbons: Extractable Fuel Scan	Purgeable Fuel Scan	Gasoline & BTEX-MTBE by EPA Method 8015M & 8020	Additional Analysis: MTBE by EPA Method 8260	Lead LTLC	Lead STLC		
Soil Reuse #1A	Surface	1/8/02	28441-001			x1								
Soil Reuse #1b	"	"		002		x1								
Soil Reuse #1c	"	"		003		x1			4-Point Composite	005				
Soil Reuse #1d	"	"		004		x1								

24 HR RUSH

RECEIVED BY:	Date & Time	RELEASED BY:	Date & Time	SAMPLE CONDITION: (circle 1)		
1.) Sampler: Aaron Bierman	1/8/02 @ 10:00am	Aaron Bierman	1/8/02 @ 2:00pm	Ambient	Refrigerated	Frozen
2.)	1/8/02 2:20pm		-	Ambient	Refrigerated	Frozen
3.) Joseph Machado	1/8/02 1540		-	Ambient	Refrigerated	Frozen
4.)	-		-	Ambient	Refrigerated	Frozen
5.)	-		-	Ambient	Refrigerated	Frozen

NOTES:

- ✓ Please confirm all MTBE detections by EPA Method 8260 with a minimum detection limit of 5 ug/L
- ✓ For MTBE-analyzed samples with non-detectable results (ND) but having elevated detection limits, please confirm by EPA Method #8260.
- ✓ Please use MDL (Minimum Detection Limit) for any diluted samples.

ADDITIONAL COMMENTS

PLEASE MIX SAMPLES "SOIL REUSE #1A, b, c, d" AS 4-POINT COMPOSITE. (WHA A3)

PLEASE FAX COPY OF C.O.C. TO WHA OFFICE UPON RECEIPT OF SAMPLES @ LABORATORY.

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

January 21, 2002

Aaron Bierman
Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076

Order:	28449	**Date Collected:**	1/9/02
Project Name:	Harbert Transportation	**Date Received:**	1/9/02
Project Number:	H9042.C	**P.O. Number:**	H9042.C
Project Notes:	Report re-issued to correct client ID to Soil Reuse 2a-2d.		

On January 09, 2002, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Solid	Gas/BTEX/MTBE	EPA 8015 MOD. (Purgeable)
		EPA 8020

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-588-0200.

Sincerely,

Michelle L. Anderson
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 1/21/02
Date Received: 1/9/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Client

Certified Analytical Report

Order ID: 28449 **Lab Sample ID:** 28449-005 **Client Sample ID:** Soil Reuse-2a-2d

Sample Time: **Sample Date:** 1/9/02 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	1/10/02	SGC42282	EPA 8020
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	1/10/02	SGC42282	EPA 8020
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	1/10/02	SGC42282	EPA 8020
Xylenes, Total	ND		1	0.005	0.005	mg/Kg	N/A	1/10/02	SGC42282	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	110	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0.05	0.05	mg/Kg	N/A	1/10/02	SGC42282	EPA 8020

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	1/10/02	SGC42282	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	112	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Quality Control Results Summary

QC Batch #: SGC42282 **Units:** mg/Kg
Matrix: Solid **Date Analyzed:** 01/09/02

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		0.561		0.503	LCS	89.7			65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		99			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.007	LCS	112.9			55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		0.008	LCS	102.6			58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.035	LCS	97.8			56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		0.041	LCS	95.3			64.9 - 105.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		106			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		0.561		0.486	LCSD	86.6	3.44	30.00	65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		99			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.007	LCSD	112.9	0.00	30.00	55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		0.007	LCSD	89.7	13.33	30.00	58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.033	LCSD	92.2	5.88	30.00	56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		0.039	LCSD	90.7	5.00	30.00	64.9 - 105.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		106			65 - 135					

Weber, Hayes & Associates
Hydrogeology and Environmental Engineering
120 Westgate Dr., Watsonville, CA 95076
(831) 722-3580 (831) 662-3100
Fax: (831) 722-1159

CHAIN -OF-CUSTODY RECORD

PROJECT NAME AND JOB #: **Harbert Transportation / H9042.C**

LABORATORY: **Entech Analytical**

SEND CERTIFIED RESULTS TO: **Aaron Bierman**

TURNAROUND TIME: Normal **24hr Rush** 48hr Rush 72hr Rush

	Sample Identification	Sample Depth	Date Sampled	SAMPLE CONTAINERS: 40 mL VOAs (preserved)	1 Liter Amber Jars	___mL Poly Bottle	Liner Acetate or brass	REQUESTED ANALYSIS: Total Petroleum Hydrocarbons: Extractable Fuel Scan	Purgeable Fuel Scan	Gasoline & BTEX MTBE by EPA Method# 8015M & 8020	Additional Analysis: MTBE by by EPA Method# 8260	Lead 5TLC	Lead STLC		
3449-001	Soil Reuse #2a	SURFACE	1/9/02				x1			↑					
-002	Soil Reuse #2b	1'	"				x1			4-POINT					
-003	Soil Reuse #2c	"	"				x1			COMPOSITE					
-004	Soil Reuse #2d	"	"				x1			↓					
-005	COMP														

24 HR RUSH

	RECEIVED BY:	Date & Time	RELEASED BY:	Date & Time	SAMPLE CONDITION: (circle 1)		
1.)	Sampler: Aaron Bierman	1/9/02 @ 7:30am	Aaron Bierman	1/9/02 @ 8:15am	Ambient	Refrigerated	Frozen
2.)	AMIR	1/9/02 8:15	AMIR 0502	1/9/02 1031	Ambient	Refrigerated	Frozen
3.)					Ambient	Refrigerated	Frozen
4.)					Ambient	Refrigerated	Frozen
5.)					Ambient	Refrigerated	Frozen

NOTES:

- ☑ Please confirm all MTBE detections by EPA Method 8260 with a minimum detection limit of 5 ug/L.
- ☑ For MTBE-analyzed samples with non-detectable results (ND) but having elevated detection limits, please confirm by EPA Method #8260.
- ☑ Please use MDL (Minimum Detection Limit) for any diluted samples.

ADDITIONAL COMMENTS

PLEASE FAX C.O.C. TO WHA OFFICE UPON RECEIPT OF SAMPLES AT LABORATORY.

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

January 21, 2002

Aaron Bierman
Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076

Order:	28470	**Date Collected:**	1/9/02
Project Name:	Harbert Transportation	**Date Received:**	1/10/02
Project Number:	H9042.C	**P.O. Number:**	H9042.C
Project Notes:	Report re-issued to correct client ID to read "Soil Reuse 3a-3d"		

On January 10, 2002, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Solid	Gas/BTEX/MTBE	EPA 8015 MOD. (Purgeable)
		EPA 8020

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-588-0200.

Sincerely,

Michelle L. Anderson
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 1/21/02
Date Received: 1/10/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Client

Certified Analytical Report

Order ID: 28470 **Lab Sample ID:** 28470-005 **Client Sample ID:** Soil Reuse-3a-3d

Sample Time: **Sample Date:** 1/9/02 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	1/10/02	SGC22280	EPA 8020
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	1/10/02	SGC22280	EPA 8020
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	1/10/02	SGC22280	EPA 8020
Xylenes, Total	ND		1	0.005	0.005	mg/Kg	N/A	1/10/02	SGC22280	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	105	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0.05	0.05	mg/Kg	N/A	1/10/02	SGC22280	EPA 8020

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	1/10/02	SGC22280	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	78	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Quality Control Results Summary

QC Batch #: SGC22280 **Units:** mg/Kg
Matrix: Solid **Date Analyzed:** 01/10/02

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		0.561		.473	LCS	84.3			65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		76			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.005	LCS	80.6			55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		.006	LCS	76.9			58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.033	LCS	92.2			56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		.036	LCS	83.7			64.9 - 105.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		107			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		0.062		.057	LCS	91.9			45.0 - 119.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		107			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		0.561		0.438	LCSD	78.1	7.68	30.00	65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		74			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.005	LCSD	80.6	0.00	30.00	55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		0.006	LCSD	76.9	0.00	30.00	58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.032	LCSD	89.4	3.08	30.00	56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		0.034	LCSD	79.1	5.71	30.00	64.9 - 105.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		106			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		0.062		0.054	LCSD	87.1	5.41	30.00	45.0 - 119.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		106			65 - 135					

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Fax: (831) 722-1159

CHAIN -OF-CUSTODY RECORD

PROJECT NAME AND JOB #: **Harbert Transportation / H9042.C**

LABORATORY: **Entech Analytical**

SEND CERTIFIED RESULTS TO: **Aaron Bierman**

TURNAROUND TIME: Normal (24hr Rush) 48hr Rush 72hr Rush

	Sample Identification	Sample Depth	Date Sampled	SAMPLE CONTAINERS: 40 mL VOAs (preserved)	1 Liter Amber Jars	___mL Poly Bottle	Liner Acetate or Brass	REQUESTED ANALYSIS: Total Petroleum Hydrocarbons: Extractable Fuel Scan (standard silica-gel cleanup)	Purgeable Fuel Scan (w/MTBE & BTEX)	Gasoline & BTEX MTBE by EPA Methods 8015M & 8020	Additional Analysis: Volatile Organics by EPA Methods 8260	Semi-Volatile Organics by EPA Method # 8270	Fuel Oxygenates by EPA Method # 8260	13 PPM Metals by EPA Method 200.7/6000/6010	LUFT 5 Metals by EPA Methods 200.7/6000/6010
Z8470-001	Soil Reuse #3a	Surface	1/9/02				x1			4-POINT					
-002	Soil Reuse #3b	"	"				x1			COMPOSITE					
-003	Soil Reuse #3c	"	"				x1								
-004	Soil Reuse #3d	"	"				x1								

24 HR RUSH

	RECEIVED BY:	Date & Time	RELEASED BY:	Date & Time	SAMPLE CONDITION: (circle 1)		
1.)	Sample	1/9/02 @ 3:00pm		1/10/02 -	Ambient	Refrigerated	Frozen
2.)	AMIR	1/10/02 -	AMIR	1/10/02 1040	Ambient	Refrigerated	Frozen
3.)		1/10/02 -		1/10/02 1055	Ambient	Refrigerated	Frozen
4.)		-		-	Ambient	Refrigerated	Frozen
5.)		-		-	Ambient	Refrigerated	Frozen

NOTES:

- ✓ Please confirm all MTBE detections by EPA Method 8260 with a minimum detection limit of 5 ug/L
- ✓ For MTBE-analyzed samples with non-detectable results (ND) but having elevated detection limits, please confirm by EPA Method #8260
- ✓ Please use MDL (Minimum Detection Limit) for any diluted samples.
- ☐ Please split water portion from received AMBERS to provide required sample volume w/minimal sediment

ADDITIONAL COMMENTS

PLEASE FAX C.O.C. TO WHA OFFICE UPON RECEIPT OF SAMPLES @ LAB.

E:\AB\FIELDLOG\A-COC\wstgte.wb3

WHA

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

January 24, 2002

Aaron Bierman
Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076

Order:	28429	**Date Collected:**	01/07/02
Project Name:	Harbert Transportation	**Date Received:**	01/07/02
Project Number:	H9042.C	**P.O. Number:**	H9042.C

Project Notes: Report re-issued for sample 28429-003 (BC-N) to report MTBE confirmation by EPA 8260B.

On January 07, 2002, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Solid	Gas/BTEX/MTBE	EPA 8015 MOD. (Purgeable)
		EPA 8020
	MTBE by EPA 8260B	EPA 8260B

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-588-0200.

Sincerely,

Patti L. Sandrock
QA/QC Manager

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 01/18/02
Date Received: 01/07/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Aaron Bierman

Certified Analytical Report

Order ID: 28429 **Lab Sample ID:** 28429-001 **Client Sample ID:** LD#1 SW-E

Sample Time: **Sample Date:** 01/07/02 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/10/02	SGC22280	EPA 8020
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	01/10/02	SGC22280	EPA 8020
Ethyl Benzene	0.005		1	0.005	0.005	mg/Kg	N/A	01/10/02	SGC22280	EPA 8020
Xylenes, Total	0.011		1	0.005	0.005	mg/Kg	N/A	01/10/02	SGC22280	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	104	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0.05	0.05	mg/Kg	N/A	01/10/02	SGC22280	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	104	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	01/10/02	SGC22280	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	67	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 01/18/02
Date Received: 01/07/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Aaron Bierman

Certified Analytical Report

Order ID: 28429 **Lab Sample ID:** 28429-002 **Client Sample ID:** LD#2 SW-W

Sample Time: **Sample Date:** 01/07/02 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/10/02	SGC22280	EPA 8020
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	01/10/02	SGC22280	EPA 8020
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/10/02	SGC22280	EPA 8020
Xylenes, Total	ND		1	0.005	0.005	mg/Kg	N/A	01/10/02	SGC22280	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	108	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0.05	0.05	mg/Kg	N/A	01/10/02	SGC22280	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	108	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	01/10/02	SGC22280	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	82	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 1/24/02
Date Received: 01/07/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Aaron Bierman

Certified Analytical Report

Order ID: 28429 **Lab Sample ID:** 28429-003 **Client Sample ID:** BC-N

Sample Time: **Sample Date:** 01/07/02 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		5	0.005	0.025	mg/Kg	N/A	01/12/02	SGC22287	EPA 8020
Toluene	ND		5	0.005	0.025	mg/Kg	N/A	01/12/02	SGC22287	EPA 8020
Ethyl Benzene	ND		5	0.005	0.025	mg/Kg	N/A	01/12/02	SGC22287	EPA 8020
Xylenes, Total	ND		5	0.005	0.025	mg/Kg	N/A	01/12/02	SGC22287	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	104	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	N/A	01/18/02	SMS21375	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	125	65 - 135
Dibromofluoromethane	117	57 - 156
Toluene-d8	144	77 - 150

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		5	1	5	mg/Kg	N/A	01/12/02	SGC22287	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	66	65 - 135

Comment: Sample diluted due to matrix of the sample.

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 01/18/02
Date Received: 01/07/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Aaron Bierman

Certified Analytical Report

Order ID: 28429 **Lab Sample ID:** 28429-004 **Client Sample ID:** LD#4 SW-N

Sample Time: **Sample Date:** 01/07/02 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/17/02	SGC22287	EPA 8020
Toluene	0.012		1	0.005	0.005	mg/Kg	N/A	01/17/02	SGC22287	EPA 8020
Ethyl Benzene	0.005		1	0.005	0.005	mg/Kg	N/A	01/17/02	SGC22287	EPA 8020
Xylenes, Total	0.006		1	0.005	0.005	mg/Kg	N/A	01/17/02	SGC22287	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	107	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0.05	0.05	mg/Kg	N/A	01/17/02	SGC22287	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	107	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	1.2		1	1	1	mg/Kg	N/A	01/17/02	SGC22287	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	64	65 - 135

Comment: Surrogate recovery out of control limits due to matrix interference.

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Quality Control Results Summary

QC Batch #: SMS21375 **Units:** µg/Kg
Matrix: Solid **Date Analyzed:** 1/18/2002

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: EPA 8260B											
1,1-Dichloroethene	EPA 8260B	ND		40		33.5	LCS	83.8			65.0 - 135 0
Benzene	EPA 8260B	ND		40		40.1	LCS	100.3			65.0 - 135.0
Chlorobenzene	EPA 8260B	ND		40		39 5	LCS	98.8			65.0 - 135.0
Methyl-t-butyl Ether	EPA 8260B	ND		40		28.0	LCS	70.0			55 0 - 131.0
Toluene	EPA 8260B	ND		40		41.4	LCS	103.5			65 0 - 135.0
Trichloroethene	EPA 8260B	ND		40		39.8	LCS	99.5			70 8 - 121.0

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	123	65 - 135
Dibromofluoromethane	116	57 - 156
Toluene-d8	142	77 - 150

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: EPA 8260B											
1,1-Dichloroethene	EPA 8260B	ND		40		33.3	LCSD	83.3	0 60	30.00	65.0 - 135.0
Benzene	EPA 8260B	ND		40		40.3	LCSD	100.8	0.50	30.00	65.0 - 135 0
Chlorobenzene	EPA 8260B	ND		40		40.0	LCSD	100.0	1.26	30.00	65.0 - 135 0
Methyl-t-butyl Ether	EPA 8260B	ND		40		27.7	LCSD	69.3	1.08	30.00	55.0 - 131.0
Toluene	EPA 8260B	ND		40		42.0	LCSD	105 0	1.44	30.00	65.0 - 135.0
Trichloroethene	EPA 8260B	ND		40		39.7	LCSD	99.3	0.25	30.00	70 8 - 121.0

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	124	65 - 135
Dibromofluoromethane	117	57 - 156
Toluene-d8	143	77 - 150

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Quality Control Results Summary

QC Batch #: SGC22280 **Units:** mg/Kg
Matrix: Solid **Date Analyzed:** 01/10/02

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		0.561		.473	LCS	84.3			65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		76			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.005	LCS	80.6			55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		.006	LCS	76.9			58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.033	LCS	92.2			56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		.036	LCS	83.7			64.9 - 105.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		107			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		0.062		.057	LCS	91.9			45.0 - 119.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		107			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	*EPA 8015 M*	*ND*		*0.561*		0.438	LCSD	78.1	7.68	30.00	65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		74			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.005	LCSD	80.6	0.00	30.00	55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		0.006	LCSD	76.9	0.00	30.00	58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.032	LCSD	89.4	3.08	30.00	56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		0.034	LCSD	79.1	5.71	30.00	64.9 - 105.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		106			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		0.062		0.054	LCSD	87.1	5.41	30.00	45.0 - 119.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		106			65 - 135					

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Quality Control Results Summary

QC Batch #: SGC22287 **Units:** mg/Kg
Matrix: Solid **Date Analyzed:** 01/11/02

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		0.561		.463	LCS	82.5			65.0 - 135.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			112		65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		.0049	LCS	79.0			55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		.006412	LCS	82.2			58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		.032	LCS	89.4			56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		.03477	LCS	80.9			64.9 - 105.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			76		65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		0.062		.05487	LCS	88.5			45.0 - 119.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			76		65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		0.561		.444	LCSD	79.1	4.19	30.00	65.0 - 135.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			113		65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		.00497	LCSD	80.2	1.42	30.00	55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		.00631	LCSD	80.9	1.60	30.00	58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		.03187	LCSD	89.0	0.41	30.00	56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		.034	LCSD	79.1	2.24	30.00	64.9 - 105.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			78		65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		0.062		.05489	LCSD	88.5	0.04	30.00	45.0 - 119.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			78		65 - 135					

Weber, Hayes & Associates
Hydrogeology and Environmental Engineering
120 Westgate Dr., Watsonville, CA 95076
(831) 722-3580 (831) 662-3100
Fax (831) 722-1159

CHAIN -OF-CUSTODY RECORD

PROJECT NAME AND JOB #: **Harbert Transportation / H9042.C**

LABORATORY: **Entech Analytical**

SEND CERTIFIED RESULTS TO: **Aaron Bierman**

TURNAROUND TIME: (Normal) 24hr Rush 48hr Rush 72hr Rush

Sample Identification	Sample Depth	Date Sampled	SAMPLE CONTAINERS: 40 mL VOAs (preserved)	1 Liter Amber Jars	___mL Poly Bottle	Liner Acetate or (Brass)	REQUESTED ANALYSIS: Total Petroleum Hydrocarbons: Extractable Fuel Scan	Purgeable Fuel Scan	Gasoline & BTEX-MTBE by EPA Methods 8015M & 8020	Additional Analysis: MTBE by EPA Method 8260	Lead TTLC	Lead STLC		
LD#1 SW-E	35'	1/7/02				x1			X				28429	-001
LD#2 SW-W	35'	"				x1			X					002
BC-N	40'	"				x1			X					003
LD#4 SW-N	40'	"				x1			X					004

RECEIVED BY: / Date & Time / **RELEASED BY:** / Date & Time / SAMPLE CONDITION: (circle 1)

	RECEIVED BY:	Date & Time	RELEASED BY:	Date & Time	SAMPLE CONDITION: (circle 1)		
1.)	Sampler: Aaron Bierman	1/7/02 @ 3:00pm	Aaron Bierman	1/7/02 @ 4:00pm	Ambient	(Refrigerated)	Frozen
2.)		1/7/02 4:00	Marco	1/7/02	Ambient	Refrigerated	Frozen
3.)		1-7-02 4:53		- -	Ambient	Refrigerated	Frozen
4.)		- -		- -	Ambient	Refrigerated	Frozen
5.)		- -		- -	Ambient	Refrigerated	Frozen

NOTES:

- ✓ Please confirm all MTBE detections by EPA Method 8260 with a minimum detection limit of 5 ug/L.
- ✓ For MTBE-analyzed samples with non-detectable results (ND) but having elevated detection limits, please confirm by EPA Method #8260.
- ✓ Please use MDL (Minimum Detection Limit) for any diluted samples.

ADDITIONAL COMMENTS

PLEASE FAX C.O.C. TO WHA OFFICE UPON RECEIPT OF SAMPLES @ LAB

L.D. = LARGE DIAMETER
SW = SIDE WALL
BC = BOTTOM CENTER

Entech Analytical Labs, Inc.

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January 29, 2002

Aaron Bierman
Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076

Order: 28475 **Date Collected:** 1/8/2002
Project Name: Harbert Transportation **Date Received:** 1/10/2002
Project Number: H9042.C **P.O. Number:** H9042.C
Project Notes:

On January 10, 2002, sample was received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Solid	Gas/BTEX/MTBE	EPA 8015 MOD. (Purgeable)
		EPA 8020

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-588-0200.

Sincerely,

Michelle L. Anderson
Laboratory Director

Entech Analytical Labs, Inc.

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Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 1/29/02
Date Received: 1/10/2002
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Client

Certified Analytical Report

Order ID: 28475 **Lab Sample ID:** 28475-009 **Client Sample ID:** LD#16 SW-W

Sample Time: **Sample Date:** 1/9/2002 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	0.041		50	0.025	1.25	mg/Kg	N/A	1/21/2002	SGC22293	EPA 8020
Toluene	ND		50	0.025	1.25	mg/Kg	N/A	1/21/2002	SGC22293	EPA 8020
Ethyl Benzene	0.12		50	0.025	1.25	mg/Kg	N/A	1/21/2002	SGC22293	EPA 8020
Xylenes, Total	0.62		50	0.075	3.75	mg/Kg	N/A	1/21/2002	SGC22293	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	106	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		50	0.002	0.1	mg/Kg	N/A	1/21/2002	SGC22293	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	106	65 - 135

Comment: MTBE reported to the MDL per client request. No confirmation by EPA 8260B required for soils.

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	34		50	1	50	mg/Kg	N/A	1/21/2002	SGC22293	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	66.6	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

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Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 01/18/02
Date Received: 01/10/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Client

Certified Analytical Report

Order ID: 28475 **Lab Sample ID:** 28475-001 **Client Sample ID:** LD#5 SW-N

Sample Time: **Sample Date:** 01/08/02 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/14/02	SGC22286	EPA 8020
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	01/14/02	SGC22286	EPA 8020
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/14/02	SGC22286	EPA 8020
Xylenes, Total	ND		1	0.005	0.005	mg/Kg	N/A	01/14/02	SGC22286	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	115	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0.05	0.05	mg/Kg	N/A	01/14/02	SGC22286	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	115	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	01/14/02	SGC22286	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	78	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Michelle L. Anderson, Laboratory Director

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Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 01/18/02
Date Received: 01/10/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Client

Certified Analytical Report

Order ID: 28475 **Lab Sample ID:** 28475-002 **Client Sample ID:** LD#8 SW-S

Sample Time: **Sample Date:** 01/08/02 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/01	SGC22290	EPA 8020
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/01	SGC22290	EPA 8020
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/01	SGC22290	EPA 8020
Xylenes, Total	ND		1	0.005	0.005	mg/Kg	N/A	01/16/01	SGC22290	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	109	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0.05	0.05	mg/Kg	N/A	01/16/01	SGC22290	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	109	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	01/16/01	SGC22290	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	77	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 01/18/02
Date Received: 01/10/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Client

Certified Analytical Report

Order ID: 28475 **Lab Sample ID:** 28475-003 **Client Sample ID:** LD#9 SW-E

Sample Time: **Sample Date:** 01/08/02 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/15/02	SGC22290	EPA 8020
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	01/15/02	SGC22290	EPA 8020
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/15/02	SGC22290	EPA 8020
Xylenes, Total	ND		1	0.005	0.005	mg/Kg	N/A	01/15/02	SGC22290	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	106	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0.05	0.05	mg/Kg	N/A	01/15/02	SGC22290	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	106	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	01/15/02	SGC22290	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	75	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

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120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 01/18/02
Date Received: 01/10/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Client

Certified Analytical Report

Order ID: 28475 **Lab Sample ID:** 28475-004 **Client Sample ID:** LD#10 SW-E

Sample Time: **Sample Date:** 01/08/02 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/01	SGC22290	EPA 8020
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/01	SGC22290	EPA 8020
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/01	SGC22290	EPA 8020
Xylenes, Total	ND		1	0.005	0.005	mg/Kg	N/A	01/16/01	SGC22290	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	110	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0.05	0.05	mg/Kg	N/A	01/16/01	SGC22290	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	110	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	01/16/01	SGC22290	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	81	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

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Watsonville, CA 95076
Attn: Aaron Bierman

Date: 01/18/02
Date Received: 01/10/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Client

Certified Analytical Report

Order ID: 28475 **Lab Sample ID:** 28475-005 **Client Sample ID:** LD#11 SW-W

Sample Time: **Sample Date:** 01/09/02 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Toluene	0.014		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Ethyl Benzene	0.013		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Xylenes, Total	0.062		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	113	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0.05	0.05	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	113	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	79	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

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Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 01/18/02
Date Received: 01/10/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Client

Certified Analytical Report

Order ID: 28475 **Lab Sample ID:** 28475-006 **Client Sample ID:** LD#13 SW-E

Sample Time: **Sample Date:** 01/09/02 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Toluene	0.006		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Xylenes, Total	0.022		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	111	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0.05	0.05	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	111	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	71	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Aaron Bierman

Date: 01/18/02
Date Received: 01/10/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Client

Certified Analytical Report

Order ID: 28475 **Lab Sample ID:** 28475-007 **Client Sample ID:** LD#14 SW-W

Sample Time: **Sample Date:** 01/09/02 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Xylenes, Total	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	111	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0.05	0.05	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	111	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	79	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

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Attn: Aaron Bierman

Date: 01/18/02
Date Received: 01/10/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Client

Certified Analytical Report

Order ID: 28475 **Lab Sample ID:** 28475-008 **Client Sample ID:** LD#15 BC-S

Sample Time: **Sample Date:** 01/09/02 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Xylenes, Total	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	110	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0.05	0.05	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	110	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	81	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

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Date: 01/25/02
Date Received: 1/10/2002
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Client

Certified Analytical Report

Order ID: 28475 **Lab Sample ID:** 28475-010 **Client Sample ID:** LD#12 SW-E

Sample Time: **Sample Date:** 1/9/2002 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	1/17/2002	SGC22290B	EPA 8020
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	1/17/2002	SGC22290B	EPA 8020
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	1/17/2002	SGC22290B	EPA 8020
Xylenes, Total	ND		1	0.005	0.005	mg/Kg	N/A	1/17/2002	SGC22290B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	120	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0.05	0.05	mg/Kg	N/A	1/17/2002	SGC22290B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	120	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	1/17/2002	SGC22290B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	87	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Patti Sandrock, QA/QC Manager

Entech Analytical Labs, Inc.

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Watsonville, CA 95076
Attn: Aaron Bierman

Date: 01/18/02
Date Received: 01/10/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Client

Certified Analytical Report

Order ID: 28475 **Lab Sample ID:** 28475-011 **Client Sample ID:** LD#13 SW-E

Sample Time: **Sample Date:** 01/09/02 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Xylenes, Total	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	109	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0.05	0.05	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	109	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	77	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

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Attn: Aaron Bierman

Date: 01/18/02
Date Received: 01/10/02
Project Name: Harbert Transportation
Project Number: H9042.C
P.O. Number: H9042.C
Sampled By: Client

Certified Analytical Report

Order ID: 28475 **Lab Sample ID:** 28475-012 **Client Sample ID:** LD#16 SW-W

Sample Time: **Sample Date:** 01/09/02 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Toluene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Ethyl Benzene	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020
Xylenes, Total	ND		1	0.005	0.005	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	110	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	0.05	0.05	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	110	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	1	1	mg/Kg	N/A	01/16/02	SGC22290B	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	80	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

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Quality Control Results Summary

QC Batch #: SMS21383
Matrix: Solid
Units: µg/Kg
Date Analyzed: 1/23/2002

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: EPA 8260B											
1,1-Dichloroethene	EPA 8260B	ND		40		38.4	LCS	96.0			65.0 - 135.0
Benzene	EPA 8260B	ND		40		42.9	LCS	107.3			65.0 - 135.0
Chlorobenzene	EPA 8260B	ND		40		42.2	LCS	105.5			65.0 - 135.0
Methyl-t-butyl Ether	EPA 8260B	ND		40		28.4	LCS	71.0			55.0 - 131.0
Toluene	EPA 8260B	ND		40		44.7	LCS	111.8			65.0 - 135.0
Trichloroethene	EPA 8260B	ND		40		41.9	LCS	104.8			70.8 - 121.0

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	124	65 - 135
Dibromofluoromethane	115	57 - 156
Toluene-d8	148	77 - 150

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: EPA 8260B											
1,1-Dichloroethene	EPA 8260B	ND		40		31.9	LCSD	79.8	18.49	30.00	65.0 - 135.0
Benzene	EPA 8260B	ND		40		35.2	LCSD	88.0	19.72	30.00	65.0 - 135.0
Chlorobenzene	EPA 8260B	ND		40		34.7	LCSD	86.8	19.51	30.00	65.0 - 135.0
Methyl-t-butyl Ether	EPA 8260B	ND		40		23.6	LCSD	59.0	18.46	30.00	55.0 - 131.0
Toluene	EPA 8260B	ND		40		36.7	LCSD	91.8	19.66	30.00	65.0 - 135.0
Trichloroethene	EPA 8260B	ND		40		34.3	LCSD	85.8	19.95	30.00	70.8 - 121.0

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	122	65 - 135
Dibromofluoromethane	116	57 - 156
Toluene-d8	147	77 - 150

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Quality Control Results Summary

QC Batch #: SGC22286 **Units:** mg/Kg
Matrix: Solid **Date Analyzed:** 1/14/2002

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		0.561		0.452	LCS	80.6			65.0 - 135.0
	Surrogate		***Surrogate Recovery***			**Control Limits (%)**					
	aaa-Trifluorotoluene		73			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.005	LCS	80.6			55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		0.006	LCS	76.9			58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.031	LCS	86.6			56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		0.034	LCS	79.1			64.9 - 105.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		104			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		0.561		0.430	LCSD	76.6	4.99	30.00	65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		73			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.005	LCSD	80.6	0.00	30.00	55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		0.006	LCSD	76.9	0.00	30.00	58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.030	LCSD	83.8	3.28	30.00	56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		0.034	LCSD	79.1	0.00	30.00	64.9 - 105.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		106			65 - 135					

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Quality Control Results Summary

QC Batch #: SGC22290 **Units:** mg/Kg
Matrix: Solid **Date Analyzed:** 1/15/2002

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		0 561		0.448	LCS	79.9			65.0 - 135.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			79		65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.0049	LCS	79 0			55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		0.0063	LCS	80.8			58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.0317	LCS	88.5			56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		0.0345	LCS	80.2			64.9 - 105.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			114		65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		0.062		0.0498	LCS	80.3			45.0 - 119.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			114		65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		0.561		0.437	LCSD	77.9	2.49	30.00	65.0 - 135.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			77		65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.0048	LCSD	77.4	2.06	30.00	55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		0.0063	LCSD	80.8	0.00	30.00	58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.031	LCSD	86.6	2.23	30.00	56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		0.0345	LCSD	80.2	0.00	30.00	64.9 - 105.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			112		65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		0.062		0.0534	LCSD	86.1	6.98	30.00	45.0 - 119.0
	Surrogate			**Surrogate Recovery**		**Control Limits (%)**					
	aaa-Trifluorotoluene			112		65 - 135					

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Quality Control Results Summary

QC Batch #: SGC22290B
Matrix: Solid
Units: mg/Kg
Date Analyzed: 1/16/2002

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		0.561		0.427	LCS	76.1			65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		70.1			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.0046	LCS	74.2			55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		0.0061	LCS	78.2			58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.031	LCS	86.6			56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		0.035	LCS	81.4			64.9 - 105.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		106.0			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		0.062		0.066	LCS	106.5			45.0 - 119.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		106.0			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		0.561		0.429	LCSD	76.5	0.47	30.00	65.0 - 135.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		74.4			65 - 135					
Test: BTEX											
Benzene	*EPA 8020*	*ND*		*0.0062*		*0.0046*	*LCSD*	74.2	0.00	30.00	55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		0.0060	LCSD	76.9	1.65	30.00	58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.030	LCSD	83.8	3.28	30.00	56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		0.0335	LCSD	77.9	4.38	30.00	64.9 - 105.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		106.0			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		0.062		0.066	LCSD	106.5	0.00	30.00	45.0 - 119.0
	Surrogate		**Surrogate Recovery**			**Control Limits (%)**					
	aaa-Trifluorotoluene		106.0			65 - 135					

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Quality Control Results Summary

QC Batch #: SGC22293 **Units:** mg/Kg
Matrix: Solid **Date Analyzed:** 1/17/2002

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		0.561		2.267	LCS	404.1			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			75.9			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.005	LCS	80.6			55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		0.0065	LCS	83.3			58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.032	LCS	89.4			56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		0.035	LCS	81.4			64.9 - 105.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			111.0			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		0.062		0.174	LCS	280.6			45.0 - 119.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			111.0			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015 M	ND		0.561		2.249	LCSD	400.9	0.80	30.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			76.3			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		0.0062		0.030	LCSD	483.9	9.52	30.00	55.0 - 153.0
Ethyl Benzene	EPA 8020	ND		0.0078		0.037	LCSD	474.4	0.00	30.00	58.4 - 116.0
Toluene	EPA 8020	ND		0.0358		0.167	LCSD	466.5	2.42	30.00	56.1 - 127.0
Xylenes, total	EPA 8020	ND		0.043		0.194	LCSD	451.2	0.52	30.00	64.9 - 105.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			112.0			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		0.062		0.180	LCSD	290.3	3.39	30.00	45.0 - 119.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			112.0			65 - 135					

Weber, Hayes & Associates
Hydrogeology and Environmental Engineering
120 Westgate Dr., Watsonville, CA 95076
(831) 722-3580 (831) 662-3100
Fax: (831) 722-1159

CHAIN -OF-CUSTODY RECORD

PROJECT NAME AND JOB #: **Harbert Transportation / H9042.C**

LABORATORY: **Entech Analytical**

SEND CERTIFIED RESULTS TO: **Aaron Bierman**

TURNAROUND TIME: (Normal) 24hr Rush 48hr Rush 72hr Rush

Sample Identification	Sample Depth	Date Sampled	SAMPLE CONTAINERS: 40 mL VOAs (preserved)	1 Liter Amber Jars	___mL Poly Bottle	Liner Acetate or (Brass)	REQUESTED ANALYSIS: Total Petroleum Hydrocarbons: Extractable Fuel Scan (Standard silica gel cleanup)	Purgeable Fuel Scan (w/MTBE & BTEX)	Gasoline & BTEX-MTBE by EPA Method# 8015M & 8020	Additional Analysis: Volatile Organics by EPA Method # 8260	Semivolatile Organics by EPA Method # 8270	Fuel Oxygenates by EPA Method # 8260	13 PPM Metals by EPA Method # 6010/7000/7470	LUFT 5 Metals by EPA Method # 6010/7000/7470
28475-001 LD#5 SW-N	40'	1/8/02				x1			X					
-002 LD#8 SW-S	40'	"				x1			X					
-003 LD#9 SW-E	40'	"				x1			X					
-004 LD#10 SW-E	40'	"				x1			X					
-005 LD#11 SW-W	40	1/9/02				x1			X					
-006 LD#13 SW-E	40'	"				x1			X					
-007 LD#14 SW-W	40'	"				x1			X					
-008 LD#15 BC-S	40'	"				x1			X					
-009 LD#16 SW-W	40'	"				x1			X					
-010 LD#12 SW-E	18'	"				x1			X					
-011 LD#13 SW-E	18'	"				x1			X					
-012 LD#16 SW-W	18'	"				x1			X					

	RECEIVED BY:	Date & Time	RELEASED BY:	Date & Time
1.)	Sampler Aaron Bierman	1/9/02 @ 4:00pm	Aaron Bierman	1/10/02 @ 9:30am
2.)	AMAR	1/10/02	AMAR	1/10/02 1040
3.)	[signature]	1/10/02	[signature]	1/10/02 1100
4.)		-		-
5.)		-		-

SAMPLE CONDITION: (circle 1)

1.)	Ambient	(Refrigerated)	Frozen
2.)	Ambient	Refrigerated	Frozen
3.)	Ambient	Refrigerated	Frozen
4.)	Ambient	Refrigerated	Frozen
5.)	Ambient	Refrigerated	Frozen

NOTES:

- ✓ Please confirm all MTBE detections by EPA Method 8260 with a minimum detection limit of 5 ug/L
- ✓ For MTBE-analyzed samples with non-detectable results (ND) but having elevated detection limits, please confirm by EPA Method #8260
- ✓ Please use MDL (Minimum Detection Limit) for any diluted samples.
- ☐ Please split water portion from received AMBERS to provide required sample volume w/minimal sediment

ADDITIONAL COMMENTS

PLEASE FAX C.O.C TO WHA OFFICE UPON RECEIPT OF SAMPLES @ LABORATORY.

E:\AB\FIELDLOG\A-COC\nwstgte.wb3

WHA

APPENDIX C

Certificate of Disposal for Contaminated Groundwater
&
Non Hazardous Soil Waste Manifests

IWM, Inc.

ORIGINAL

INTEGRATED WASTESTREAM MANAGEMENT, INC.
950 AMES AVENUE, MILPITAS, CA 95035
PHONE: 408.942.8955 FAX: 408.942.1499

CERTIFICATE OF DISPOSAL

Generator Name:	Jerry Harbert	Facility Name:	Harbert Transportation
Address:	46765 Mountain Cove Drive	Address:	19984 Meekland Way
	Indian Wells, CA 92210		Hayward, CA
Contact:		Facility Contact:	Aaron Bierman, Webber, Hayes
Phone:	760-772-4545	Phone:	831-722-3580

IWM Job #:	91887-BW
Description of Waste:	3,000 Gallon(s)
	Non-Hazardous
	Water
Removal Date:	January 10, 2002
Ticket #:	SP100102-MISC

Transporter Information

Name:	IWM, Inc.
Address:	950 Ames Avenue
	Milpitas, CA 95035
Phone:	(408) 942-8955

Disposal Facility Information

Name:	Seaport Environmental
Address:	675 Seaport Blvd
	Redwood City, CA 94063
Phone:	650-364-6158

IWM, INC. CERTIFIES THAT THE ABOVE LISTED NON-HAZARDOUS WASTE WILL BE TREATED AND DISPOSED AT THE DESIGNATED FACILITY IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

William T. DeLon William T. DeLon — 1-10-02

Authorized Representative (Print Name and Signature) — Date

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☑ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Jerry Herbert

MAILING ADDRESS
46765 Mountain Cove Dr.

CITY, STATE, ZIP
Indian Wells, CA 92210

PHONE
(760) 772-4545

CONTACT PERSON
Jerry Herbert

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☑ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
19984 Mackland Ave. HAYWARD

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☑ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY
HAYWARD

TRANSPORTER [illegible]

ADDRESS [illegible]

CITY, STATE, ZIP [illegible]

PHONE [illegible]

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
*

NOTES:	VEHICLE LICENSE NUMBER	TRUCK NUMBER
	[illegible]	[illegible]

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
*

CUBIC YARDS
21.08

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 135317

☐ **Keller Canyon Sanitary Landfill** 901 Bailey [illegible] Pittsburg [illegible] .565 Phone (9[illegible] [illegible]58-9800 Fax (925) 458-9891	☐ **Ox Mountain Sanitary Landfill** 12310 San Mateo Road Half Moon B[illegible], CA 94019 Phone [illegible]) 726-1819 Fax (650) 726-9183	☐ **Newby Island Sanitary Landfill** 1601 Dixon Landing Road Milpitas, CA 95035 Phone (408) 945-2800 Fax (408) 262-2871	☒ **Forward Landfill** 9999 S. Austin Road Manteca, CA 95336 Phone (209) 982-4298 Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
[illegible]

MAILING ADDRESS
46765 Mountain Cove Dr

CITY, STATE, ZIP
Indian Wells, CA 92210

PHONE
(760) 772-4545

CONTACT PERSON
[illegible]

SIGNATURE OF AUTHORIZED AGENT / TITLE | **DATE**
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☒ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
19984 Meekland Ave. HAYWARD

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☒ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | **DATE**
*

NOTES:	VEHICLE LICENSE NUMBER	TRUCK NUMBER
	[illegible]	[illegible]

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | **DATE**
*

CUBIC YARDS
21.21

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 135918

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Jerry Herbert

MAILING ADDRESS
45763 Mountain Cove Dr.

CITY, STATE, ZIP
Indian Wells, CA 92210

PHONE
(760) 772-4343

CONTACT PERSON
Jerry Herbert

SIGNATURE OF AUTHORIZED AGENT / TITLE | **DATE**
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☒ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
19984 Meekland Ave. HAYWARD

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☒ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER
[illegible]

ADDRESS
[illegible]

CITY, STATE, ZIP
[illegible]

PHONE
[illegible]

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | **DATE**
* | [illegible]

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9U67025	003

END DUMP	BOTTOM DUMP	TRANSFER
☒	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☒	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | **DATE**
*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☒ SOIL	G 21.55	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 136919

SALES COPY

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
[illegible]

MAILING ADDRESS
[illegible]

CITY, STATE, ZIP
[illegible]

PHONE
[illegible]

CONTACT PERSON
[illegible]

SIGNATURE OF AUTHORIZED AGENT / TITLE	DATE
*	

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
[illegible] Meekland Ave HAYWARD

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☒ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER [illegible]

ADDRESS [illegible]

CITY, STATE, ZIP [illegible]

PHONE [illegible]

SIGNATURE OF AUTHORIZED AGENT OR DRIVER	DATE
* [signature]	1-7-02

NOTES:	VEHICLE LICENSE NUMBER	TRUCK NUMBER
	989J431	91

END DUMP	BOTTOM DUMP	TRANSFER
☒	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

CUBIC YARDS

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT	DATE
* [signature]	[illegible]

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☒ SOIL	22.08	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # [illegible]

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☑ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Jerry Herbert
MAILING ADDRESS
46761 Mountain Cove Dr.
CITY, STATE, ZIP
Indian Wells, CA 92210
PHONE
(760) 772-4346
CONTACT PERSON
Jerry Herbert
SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☑ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
[illegible] Mediterranean Ave. HAYWARD

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☑ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER [illegible]
ADDRESS [illegible]
CITY, STATE, ZIP [illegible]
PHONE
SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
*

NOTES: | VEHICLE LICENSE NUMBER | TRUCK NUMBER
[illegible] | [illegible]

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS
FACILITY TICKET NUMBER
SIGNATURE OF AUTHORIZED AGENT | DATE
*

CUBIC YARDS
20, 48

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL		
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 13934

SAMPLE COPY

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

MAILING ADDRESS

CITY, STATE, ZIP

PHONE

CONTACT PERSON

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE

*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY

HAYWARD

WASTE ACCEPTANCE NO.

1339

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE

*

11-9-02

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
	C-98

END DUMP	BOTTOM DUMP	TRANSFER
☑	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE

*

11/67

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	19.88	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST #

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Jerry Barbee
MAILING ADDRESS
46765 Mountain Cove Dr.
CITY, STATE, ZIP
Indian Wells CA 92210
PHONE
(760) 772-4345
CONTACT PERSON
Jerry Barbee
SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☒ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
19984 Meekland Ave. HAYWARD

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☒ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY
20.81 Tow

TRANSPORTER
[illegible]
ADDRESS
[illegible]
CITY, STATE, ZIP
[illegible]
PHONE
[illegible]
SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
* [illegible] | 1-4-02

NOTES: | VEHICLE LICENSE NUMBER | TRUCK NUMBER
[illegible] | [illegible]

END DUMP	BOTTOM DUMP	TRANSFER
☒	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	20.81	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 13523

SALES COPY

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox[illegible]ntain [illegible]ary Landfill**
San Mateo Road
[illegible]oon Bay, CA 94019
[illegible] (650) 726-1819
[illegible]50) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☑ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
[illegible]

MAILING ADDRESS
[illegible]

CITY, STATE, ZIP
[illegible]

PHONE
[illegible]

CONTACT PERSON
[illegible]

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE

*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☑ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
[illegible] HAYWARD

WASTE ACCEPTANCE NO.
139

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☑ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:
23.13
TONS

RECEIVING FACILITY

TRANSPORTER [illegible]

ADDRESS [illegible]

CITY, STATE, ZIP [illegible]

PHONE [illegible]

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE

* [illegible] | 1-7-22

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9B1431	91

END DUMP	BOTTOM DUMP	TRANSFER
☑	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE

*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	23.13	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # [illegible]

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☑ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Jerry Harbert

MAILING ADDRESS
46763 Mountain Cove Dr.

CITY, STATE, ZIP
Indian Wells, CA 92210

PHONE
(760) 772-4545

CONTACT PERSON
Jerry Harbert

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☑ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
19864 Westland Ave. HAYWARD

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☑ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
*

NOTES: | VEHICLE LICENSE NUMBER | TRUCK NUMBER

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	21.31	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 13525

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

MAILING ADDRESS

CITY, STATE, ZIP

PHONE

CONTACT PERSON

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE

*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY

WASTE ACCEPTANCE NO.

139

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE

*

NOTES: | VEHICLE LICENSE NUMBER | TRUCK NUMBER

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE

*

CUBIC YARDS

20.88

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	20.88	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST #

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Jerry Herbert
MAILING ADDRESS
46765 Mountain Cove Dr.
CITY, STATE, ZIP
Indian Wells CA 92210
PHONE
(760) 772-4645
CONTACT PERSON
Jerry Herbert
SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☒ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
[illegible] Hesperian Ave. HAYWARD

WASTE ACCEPTANCE NO.
1599

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☒ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY
21.67 Ton

TRANSPORTER
[illegible] Trucking
ADDRESS
PO Box [illegible]
CITY, STATE, ZIP
[illegible]
PHONE
[illegible]
SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
* [signature] 1-7-02

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9663025	007

END DUMP	BOTTOM DUMP	TRANSFER
☒	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	21.67	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 13927

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

MAILING ADDRESS

CITY, STATE, ZIP

PHONE

CONTACT PERSON

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE

*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY

WASTE ACCEPTANCE NO.

1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

20.75
TONS

RECEIVING FACILITY

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE

*

NOTES: | VEHICLE LICENSE NUMBER | TRUCK NUMBER

	91

END DUMP	BOTTOM DUMP	TRANSFER
☒	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE

*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL	20.75	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST #

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Jerry Herbert

MAILING ADDRESS
46765 Mountain Cove Dr.

CITY, STATE, ZIP
Indian Wells CA 92210

PHONE
(760) 772-4543

CONTACT PERSON
Jerry Herbert

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE

*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
19864 Hesperian Blvd. HAYWARD

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE

*

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE

*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	21.52	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 13523

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☑ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

MAILING ADDRESS

CITY, STATE, ZIP

PHONE

CONTACT PERSON

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE

*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY

FORWARD

WASTE ACCEPTANCE NO.

1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☑ HARD HAT

☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE

*

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE

*

CUBIC YARDS

21.30

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☐ SOIL	21.30	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST #

☐ **Keller Canyon Sanitary Landfill** 901 Bailey Road Pittsburg, CA 94565 Phone (925) 458-9800 Fax (925) 458-9891	☐ **Ox Mountain Sanitary Landfill** 12310 San Mateo Road Half Moon Bay, CA 94019 Phone (650) 726-1819 Fax (650) 726-9183	☐ **Newby Island Sanitary Landfill** 1601 Dixon Landing Road Milpitas, CA 95035 Phone (408) 945-2800 Fax (408) 262-2871	☑ **Forward Landfill** 9999 S. Austin Road Manteca, CA 95336 Phone (209) 982-4298 Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Jerry Harbert

MAILING ADDRESS
46763 Mountain Cove Dr

CITY, STATE, ZIP
Indian Wells CA 92210

PHONE
(760) 772-4545

CONTACT PERSON
Jerry Harbert

SIGNATURE OF AUTHORIZED AGENT / TITLE	DATE
*	

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☑ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
15984 Meekland Ave. HAYWARD

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☑ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☑ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:
23.96 TONS

RECEIVING FACILITY

TRANSPORTER [illegible]

ADDRESS [illegible]

CITY, STATE, ZIP [illegible]

PHONE [illegible]

SIGNATURE OF AUTHORIZED AGENT OR DRIVER	DATE
* [signature]	1-3-[illegible]

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
7[illegible]431	91

END DUMP	BOTTOM DUMP	TRANSFER
☑	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT	DATE
* [signature]	[illegible]

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	23.96	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 155331

SALES COPY

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Jerry Hatten
MAILING ADDRESS
45365 Mountain View Dr.
CITY, STATE, ZIP
Indian Wells, CA 92210
PHONE
(760) 772-4543
CONTACT PERSON
Jerry Hatten
SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

WASTE ACCEPTANCE NO.
139

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☒ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
☐ DISPOSAL ☐ SLUDGE
☐ CONSTRUCTION ☐ WOOD
☐ DEBRIS ☐ OTHER
☒ SPECIAL WASTE

GENERATING FACILITY
[illegible] HAYWARD

RECEIVING FACILITY

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
*

NOTES: | VEHICLE LICENSE NUMBER | TRUCK NUMBER

END DUMP ☒ | BOTTOM DUMP ☐ | TRANSFER ☐
ROLL-OFF(S) ☐ | FLAT-BED ☐ | VAN ☐ | DRUMS ☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☒ SOIL	22.26	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

RAISE COPY

MANIFEST # 35332

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Jerry Harbert
MAILING ADDRESS
46763 Mountain Cove Dr.
CITY, STATE, ZIP
Indian Wells, CA 92210
PHONE
(760) 772-4545
CONTACT PERSON
Jerry Harbert
SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
19944 Meekland Ave. HAYWARD

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER
ADDRESS
CITY, STATE, ZIP
PHONE
SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
*

NOTES:
VEHICLE LICENSE NUMBER | TRUCK NUMBER

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS
FACILITY TICKET NUMBER
SIGNATURE OF AUTHORIZED AGENT | DATE
*

CUBIC YARDS
19.12

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	19.12	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 35333

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

MAILING ADDRESS

CITY, STATE, ZIP

PHONE

CONTACT PERSON

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE

*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY

WASTE ACCEPTANCE NO.

139

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE

*

NOTES: | VEHICLE LICENSE NUMBER | TRUCK NUMBER

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE

*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	19.83	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST #

☐ Keller Canyon Sanitary Landfill	☐ Ox Mountain Sanitary Landfill	☐ Newby Island Sanitary Landfill	☐ Forward Landfill
901 Bail[illegible] 458- ad Pittsbu[illegible] 458-9 [illegible]565 Phone (9[illegible] 9800 Fax (925)[illegible]9891	12310 San Mateo Road Half Moon Bay, CA 94019 Phone (650) 726-1819 Fax (650) 726-9183	1601 Dixon Landing Road Milpitas, CA 95035 Phone (408) 945-2800 Fax (408) 262-2871	9999 S. Austin Road Manteca, CA 95336 Phone (209) 982-4298 Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Jerry Harb[illegible]

MAILING ADDRESS
48763 Mountain Cove Dr.

CITY, STATE, ZIP
Indian Wells CA [illegible]

PHONE
(760) 772-4343

CONTACT PERSON
Jerry Harb[illegible]

SIGNATURE OF AUTHORIZED AGENT / TITLE | **DATE**
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☑ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
19984 Meekland Ave. HAYWARD

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☑ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☑ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | **DATE**
*

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
	[illegible]

END DUMP	BOTTOM DUMP	TRANSFER	
☐	☐	☐	
ROLL-OFF(S)	**FLAT-BED**	**VAN**	**DRUMS**
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | **DATE**
*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	18.12	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # [illegible]

SALES COPY

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

MAILING ADDRESS

CITY, STATE, ZIP

PHONE

CONTACT PERSON

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE

*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY

WASTE ACCEPTANCE NO.

1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

22.38
TONS

RECEIVING FACILITY

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE

*

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9B4751	91

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE

*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	22.38	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☑ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 3936

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) [illegible]319
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☑ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Jerry Herbert
MAILING ADDRESS
36765 Monnam Cove Dr.
CITY, STATE, ZIP
Indian Wells CA 92210
PHONE
(760) 772-4545
CONTACT PERSON
Jerry Herbert
SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☑ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
19984 Macklind Ave. HAYWARD

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☑ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER
ADDRESS
CITY, STATE, ZIP
PHONE
SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
*

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS
FACILITY TICKET NUMBER
SIGNATURE OF AUTHORIZED AGENT | DATE
*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	20.88	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 13237

SALES COPY

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

MAILING ADDRESS

CITY, STATE, ZIP

PHONE

CONTACT PERSON

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE

*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☒ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY

WASTE ACCEPTANCE NO.

1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE

*

NOTES: | VEHICLE LICENSE NUMBER | TRUCK NUMBER

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE

*

CUBIC YARDS

20,24

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	20,24	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST #

☐ Keller Canyon Sanitary Landfill	☐ Ox Mountain Sanitary Landfill	☐ Newby Island Sanitary Landfill	☒ Forward Landfill
901 Bailey Road Pittsburg, CA 94565 Phone (925) 458-9800 Fax (925) 458-9891	12310 San Mateo Road Half Moon Bay, CA 94019 Phone (650) 726-1819 Fax (650) 726-9183	1601 Dixon Landing Road Milpitas, CA 95035 Phone (408) 945-2800 Fax (408) 262-2871	9999 S. Austin Road Manteca, CA 95336 Phone (209) 982-4298 Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Jerry Harbert

MAILING ADDRESS
46755 Mountain Cove Dr.

CITY, STATE, ZIP
Indian Wells CA 92210

PHONE
(760) 772-4545

CONTACT PERSON
Jerry Harbert

SIGNATURE OF AUTHORIZED AGENT / TITLE | **DATE**
* [signature]

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☒ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
19984 Meekland Ave. HAYWARD

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☒ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER
[illegible]

ADDRESS
[illegible]

CITY, STATE, ZIP
[illegible]

PHONE
[illegible]

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | **DATE**
* [signature] | 1-3-02

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
[illegible]3075	[illegible]

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☒

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | **DATE**
* [signature]

CUBIC YARDS
18.51 TON

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☒ SOIL	18.51	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 155339

SALES COPY

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

MAILING ADDRESS

CITY, STATE, ZIP

PHONE

CONTACT PERSON

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE

*

WASTE ACCEPTANCE NO.

159

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☑ HARD HAT

☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261

WASTE TYPE:

☐ DISPOSAL ☐ SLUDGE
☐ CONSTRUCTION ☐ WOOD
☐ DEBRIS ☐ OTHER
☑ SPECIAL WASTE

GENERATING FACILITY

RECEIVING FACILITY

18 460
88 240
40 220

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE

*

NOTES: | VEHICLE LICENSE NUMBER | TRUCK NUMBER

END DUMP ☐ | BOTTOM DUMP ☐ | TRANSFER ☐

ROLL-OFF(S) ☐ | FLAT-BED ☐ | VAN ☐ | DRUMS ☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE

*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL 20.11	20.11	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 13340

☐ **Keller Canyon Sanitary Landfill** 901 Bailey Road Pittsburg, CA 94565 Phone (925) 458-9800 Fax (925) 458-9891	☐ **Ox Mountain Sanitary Landfill** 12310 San Mateo Road Half Moon Bay, CA 94019 Phone (650) 726-1819 Fax (650) 726-9183	☐ **Newby Island Sanitary Landfill** 1601 Dixon Landing Road Milpitas, CA 95035 Phone (408) 945-2800 Fax (408) 262-2871	☒ **Forward Landfill** 9999 S. Austin Road Manteca, CA 95336 Phone (209) 982-4298 Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Jerry Harbert

MAILING ADDRESS
46763 Mountain Cove Dr.

CITY, STATE, ZIP
Indian Wells, CA 92210

PHONE
(760) 772-4545

CONTACT PERSON
Jerry Harbert

SIGNATURE OF AUTHORIZED AGENT / TITLE	DATE
*	

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☒ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
19984 Meekland Ave. HAYWARD

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☒ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:
22-29 TONS

RECEIVING FACILITY

TRANSPORTER KST
ADDRESS 17790 Granite St.
CITY, STATE, ZIP [illegible]
PHONE [illegible]

SIGNATURE OF AUTHORIZED AGENT OR DRIVER	DATE
*	[illegible]

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9B1431	91

END DUMP	BOTTOM DUMP	TRANSFER
☒	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT	DATE
*	

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☒ SOIL	22-29	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 135941

SALES COPY

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☑ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
[illegible]
MAILING ADDRESS
[illegible]
CITY, STATE, ZIP
[illegible]
PHONE
[illegible]
CONTACT PERSON
[illegible]
SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
[illegible]

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☑ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER
[illegible]
ADDRESS
[illegible]
CITY, STATE, ZIP
[illegible]
PHONE
[illegible]
SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
*

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
[illegible]	[illegible]

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	20.12	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # [illegible]

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Jerry Harbert

MAILING ADDRESS
46763 Mountain Cove Dr.

CITY, STATE, ZIP
Indian Wells CA 92210

PHONE
(760) 772-4345

CONTACT PERSON
Jerry Harbert

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
☐ DISPOSAL
☐ CONSTRUCTION
☐ DEBRIS
☒ SPECIAL WASTE
☐ SLUDGE
☐ WOOD
☐ OTHER

GENERATING FACILITY
19984 Meekland Ave. HAYWARD

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
*

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
*

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☒ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
[illegible]	[illegible]

END DUMP	BOTTOM DUMP	TRANSFER
☒	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

CUBIC YARDS
24.63

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☒ SOIL	24.63	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # [illegible]

SALES COPY

☐ **...andfill**
...y Road
...urg, CA 94565
...one (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Jerry Barber

MAILING ADDRESS
[illegible] Mountain Cove Dr

CITY, STATE, ZIP
Indian Wells CA [illegible]

PHONE
(760) 772-4545

CONTACT PERSON
Jerry Barber

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☒ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
[illegible] Woodland Ave. HAYWARD

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☒ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:
23.31 TONS

RECEIVING FACILITY

TRANSPORTER Q.E.T.

ADDRESS [illegible]

CITY, STATE, ZIP [illegible]

PHONE [illegible]

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
* [signature] 1-7-02

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
9B9421	91

END DUMP	BOTTOM DUMP	TRANSFER
☒	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE
*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☒ SOIL	23.31	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # [illegible]

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR
Jerry Herbert
MAILING ADDRESS
46785 Mountain Cove Dr.
CITY, STATE, ZIP
Indian Wells CA 92210
PHONE
(760) 772-4545
CONTACT PERSON
Jerry Herbert
SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE
*

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☒ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
☐ DISPOSAL ☐ SLUDGE
☐ CONSTRUCTION ☐ WOOD
☐ DEBRIS ☐ OTHER
☒ SPECIAL WASTE

GENERATING FACILITY
19894 Hesperian Ave. HAYWARD

RECEIVING FACILITY

TRANSPORTER
ADDRESS
CITY, STATE, ZIP
PHONE
SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE
*

NOTES:
VEHICLE LICENSE NUMBER | TRUCK NUMBER

END DUMP ☐ BOTTOM DUMP ☐ TRANSFER ☐
ROLL-OFF(S) ☐ FLAT-BED ☐ VAN ☐ DRUMS ☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS
FACILITY TICKET NUMBER
SIGNATURE OF AUTHORIZED AGENT | DATE
*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	20.32 Tns.	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 139945

SALES COPY

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

MAILING ADDRESS

CITY, STATE, ZIP

PHONE

CONTACT PERSON

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE

*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☐ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY

WASTE ACCEPTANCE NO.

1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE

*

NOTES: | VEHICLE LICENSE NUMBER | TRUCK NUMBER

END DUMP	BOTTOM DUMP	TRANSFER
☐	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE

*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	21.38	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # 13546

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☑ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

#3

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: Jerry Herbert

MAILING ADDRESS: 46761 Mountain Cove Dr.

CITY, STATE, ZIP: Indian Wells, CA 92210

PHONE: (760) 772-4545

CONTACT PERSON: Jerry Herbert

SIGNATURE OF AUTHORIZED AGENT / TITLE: * | DATE:

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☑ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY: 19094 Hesperian Ave. HAYWARD

WASTE ACCEPTANCE NO.: 1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☑ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER: RET

ADDRESS: 1779 GRANITE CT.

CITY, STATE, ZIP: BRENT CA. 93420

PHONE: (559) 322-6219

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * | DATE: 1-7-02

NOTES:

VEHICLE LICENSE NUMBER	TRUCK NUMBER
7R8731	91

END DUMP	BOTTOM DUMP	TRANSFER
☑	☐	☐

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
☐	☐	☐	☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * | DATE:

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL 20.60	TON	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MANIFEST # 135947

SALES COPY

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay, CA 94019
Phone (650) 726-1819
Fax (650) 726-9183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☐ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

NON-HAZARDOUS WASTE MANIFEST

#2

GENERATOR
Jerry Burnett

MAILING ADDRESS
[illegible]

CITY, STATE, ZIP
Indian Wells, CA [illegible]

PHONE
(760) [illegible]

CONTACT PERSON
Jerry Burnett

SIGNATURE OF AUTHORIZED AGENT / TITLE | DATE

*

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, If the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:

- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☑ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY
[illegible] FORWARD

WASTE ACCEPTANCE NO.
1539

REQUIRED PERSONAL PROTECTIVE EQUIPMENT
☐ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☑ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES:

RECEIVING FACILITY

TRANSPORTER

ADDRESS

CITY, STATE, ZIP

PHONE

SIGNATURE OF AUTHORIZED AGENT OR DRIVER | DATE

*

NOTES: | VEHICLE LICENSE NUMBER | TRUCK NUMBER

END DUMP ☐ | BOTTOM DUMP ☐ | TRANSFER ☐

ROLL-OFF(S) ☐ | FLAT-BED ☐ | VAN ☐ | DRUMS ☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT | DATE

*

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☑ SOIL	16.16 TONS	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

SALES COPY

MANIFEST # [illegible]

☐ **Keller Canyon Sanitary Landfill**
901 Bailey Road
Pittsburg, CA 94565
Phone (925) 458-9800
Fax (925) 458-9891

☐ **Ox Mountain Sanitary Landfill**
12310 San Mateo Road
Half Moon Bay CA 94019
Phone (650) [illegible]-1819
Fax (650) 726-[illegible]183

☐ **Newby Island Sanitary Landfill**
1601 Dixon Landing Road
Milpitas, CA 95035
Phone (408) 945-2800
Fax (408) 262-2871

☒ **Forward Landfill**
9999 S. Austin Road
Manteca, CA 95336
Phone (209) 982-4298
Fax (209) 982-1009

#1

NON-HAZARDOUS WASTE MANIFEST

GENERATOR: [illegible]	**WASTE ACCEPTANCE NO.** 1539
MAILING ADDRESS: [illegible]	REQUIRED PERSONAL PROTECTIVE EQUIPMENT: ☒ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☒ HARD HAT ☐ TY-VEK ☒ OTHER
CITY, STATE, ZIP: [illegible]	SPECIAL HANDLING PROCEDURES:
PHONE: (760) 773-[illegible]	
CONTACT PERSON: [illegible]	
SIGNATURE OF AUTHORIZED AGENT / TITLE: *	DATE:

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or title 22 of the California code of regulations, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

WASTE TYPE:
- ☐ DISPOSAL
- ☐ CONSTRUCTION
- ☐ DEBRIS
- ☒ SPECIAL WASTE
- ☐ SLUDGE
- ☐ WOOD
- ☐ OTHER

GENERATING FACILITY: [illegible] HAYWARD

RECEIVING FACILITY:

TRANSPORTER: [illegible]	NOTES:
ADDRESS: [illegible]	VEHICLE LICENSE NUMBER: [illegible]
CITY, STATE, ZIP: [illegible]	TRUCK NUMBER: [illegible]
PHONE:	
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: *	DATE:

END DUMP ☒ BOTTOM DUMP ☐ TRANSFER ☐
ROLL-OFF(S) ☐ FLAT-BED ☐ VAN ☐ DRUMS ☐

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

REMARKS:

FACILITY TICKET NUMBER:

SIGNATURE OF AUTHORIZED AGENT: * DATE:

CUBIC YARDS:

DISPOSAL METHOD: (TO BE COMPLETED BY LANDFILL)

	DISPOSE	OTHER
☒ SOIL	20.59	
☐ CONSTRUCTION DEBRIS		
☐ NON-FRIABLE ASBESTOS		
☐ WOOD		
☐ ASH		
☐ SPECIAL OTHER		

SCHEDULING MUST BE MADE PRIOR TO 3:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE.

MISSING

SALES COPY

MANIFEST # [illegible]

APPENDIX D

Field Methodology for Groundwater Monitoring

Weber, Hayes & Associates

Hydrogeology and Environmental Engineering

120 Westgate Dr., Watsonville, CA 95076

(831) 722-3580 (831) 662-3100

Fax: (831) 722-1159

INDICATE ATTACHMENTS THAT APPLY

x11	Data Sheets
Y1	COC's
___	Site Map
___	Photo Sheet
X1	Chargeable Materials

Job Name: **Harbert Transportation**	*Date:* **12/18/01**
Field Location: **19984 Meekland Avenue, Hayward**	*Study #:* **H9042.Q**
Field Tasks: ☐ *Drilling* ☑ *Sampling* ☑ *Other* ***4th Quarter 2001 Well Sampling***	*Weather Conditions:* Partial Clouds - Cool.
Personnel/Company onsite: (Weber, Hayes and Associates) **Chad Taylor**	

FIELD WORK PLANNING: Performed on: 12/17/01

- Meet with project manager: **X** yes, or no.
- Number of wells to be sampled: **Ten Wells, with D.O in all wells**
  Sample wells: **MW-3, 4, 5, 6, 7, 8, 9, 10, 11, 12 for TPH-g, BTEX, and MTBE.**
- Proposed sampling date: **12/18/01**

TIME: 0700
Arrive onsite to perform 4th Quarter Monitoring Well Sampling.

COMMENTS:
Send all analytical to Entech Analytical Laboratory.

INITIALS:

- -All sampling is conducted according to Standard Operating Procedure (SOP) 10I/
- -Water Quality Sampling Information for each well sampled is recorded on following pages.
- -Upon sampling, all samples are placed immediately in coolers containing blue ice.
- -After sampling each well all equipment is decontaminated according to SOP 10B/.
- -All purge water is properly disposed in 55-gallon drums to be purged at a later date.
- -All samples are recorded on field Chain-of-Custody Sheets for transport to Laboratory.

BEGIN CALIBRATION:

pH, EC, Temp Meter # 1: Temp = 51.4°F, pH = 7.00 & 10.00, EC = 1413 µS

NA Dissolved Oxygen Meter: Red-line NA, Zero NA, Temp= NA
Therefore, NA mg/L = Solubility of Oxygen in fresh water.

BEGIN SAMPLING ALL WELLS:

MW-8 MW-4 MW-12 MW-11 MW-7 MW-3 MW-10 MW-6 MW-5 MW-9 ___ ___

-See information below for general monitoring well information this sampling round.

COMMENTS:
All well will be purged of four casing volumes in the column requiring sampling (see Water Quality Sampling Field Forms for details). Wells will be purged from bottom-up and will follow standard operating procedures by WHA. Wells will be sampled using a bladder pump, or disposable bailer.

12/18/01

Signature of Field Personnel & Date

Weber, Hayes & Associates
Hydrogeology and Environmental Engineering
120 Westgate Dr., Watsonville, CA 95076
(831) 722-3580 (831) 662-3100
Fax: (831) 722-1159

Location	GW Depth (TOC)	Total Depth of Well	D.O. (mg/L)	Floating Product (comments).
MW-3	23.59'	40'	NA	No FP, Very Slight Odor
MW-4	23.80'	40'		No FP, No Odor
MW-5	23.15'	45'		No FP, High Odor
MW-6	24.16'	45'		No FP, Moderate Odor
MW-7	24.70'	40'		No FP, No Odor
MW-8	24.16'	40'		No FP, No Odor
MW-9	23.28'	40'		No FP, Moderate Odor
MW-10	21.11'	40'		No FP, Very Slight Odor
MW-11	23.34'	40		No FP, No Odor
MW-12	24.49'	40'		No FP, No Odor

12/18/01

HOW MANY PURGE DRUMS WERE LEFT ONSITE 7. APPROXIMATE GAL. 350.
CALL ~~BAYSIDE~~ Clearwater OIL ON 1/8/02 TO HAVE DRUMS PURGED.
DRUMS WILL BE PURGED ON 1/14-18/02.

COMMENTS:

12/18/01
Signature of Field Personnel & Date

P:\AJOB\H9042.hbt\QM\Qm2001\4q01\4QFL.wpd

WATER QUALITY SAMPLING INFORMATION

Project Name/No.: Hurbert Transportation / H9042.9 **Date:** 12/18/01

Sample No.: MW-8 **Sample Location:** MW-8

Samplers Name: Chad Taylor **Recorded by:** CT

Purge Equipment:

- ____ Bailer: Disposable or Acrylic
- X Whaler # 1
- ____ Bladder Pump
- ____ Submersible Pump

Sample Equipment:

- X Disposable Bailer
- ____ Whaler # ____
- ____ Bladder Pump
- ____ Submersible Pump

Analyses Requested (cricle all that apply):

(TPH-gas) BTEX, (MTBE) ~~1, 2-DCA, EDB, 8260 Fuel Oxygenates~~

~~TPH-diesel, Stoddard Solvent~~

~~Intrinsic Bio. Parameters~~

Number and Types of Bottle Used: 5 x 40mL VOA's

Well Number: MW-8

Depth to Water: 24.16' TOC

Well Depth: 40' BGS or TOC

Height W-Column: 15.84' feet (well depth - depth to water)

Volume in Well: 10.296 gallons (casing volume X height)

Gallons to purge: 41.18 gallons (volume X 4)

Well Diameter: 4" with Casing Volume of:

- 2" = (0.16 Gallon/Feet)
- (4" = (0.65 Gallon/Feet))
- 5" = (1.02 Gallon/Feet)
- 6" = (1.47 Gallon/Feet)
- 8" = (2.61 Gallon/Feet)

Lab: Entech **Transportation:** Courier

Time (24 hr.)	Volume Purged (Gallons)	Conductivity (µs/cm)	Temperature (°F) °C	pH	Turbidity: Color, Fines	D.O. (ppm)
0822 / 0825	0 / 5	466 / 490	16.3 / 18.4	6.69 / 6.96	High: Brown, Mod Fines; Low: Clear, Trace Fines	NA
0829	10	500	18.5	6.85	Low: Clear, Trace Fines	
0833	15	510	18.5	6.83		
0836	20	518	18.5	6.78		
0840	25	520	18.5	6.74		
0843	30	523	18.5	6.69		
0846	35	525	18.5	6.70		
0850	40	529	18.5	6.68		
0853	45	529	18.5	6.67		

Wait for 80% well volume recovery prior to sampling.

Calculate depth to water (from TOC), for 80% well volume recovery:

Calculate 80% of orginal well volume:

Original Height of Water Column = 15.84' x 0.8 = 12.672' - (Well Depth) 40' = Depth to water 27.33'

Time: 0855 1st measured depth to water, 26.29' feet below TOC. Is well within 80% of original well casing volume: Yes ✓ No____

Time: ____ 1st measured depth to water, ____ feet below TOC. Is well within 80% of original well casing volume: Yes ____ No____

Time: ____ 1st measured depth to water, ____ feet below TOC. Is well within 80% of original well casing volume: Yes ____ No CT

Sample Well

Time: 0855 Sample ID: MW-8 Depth: 26.29' feet below TOC

Comments: No Floating Product. No Odor

WATER QUALITY SAMPLING INFORMATION

Project Name/No.: Hubert Transportation / H9042.Q **Date:** 12/18/01

Sample No.: MW-4 **Sample Location:** MW-4

Samplers Name: Chad Tajh **Recorded by:** CT

Purge Equipment:

- ____ Bailer: Disposable or Acrylic
- X Whaler # 1
- ____ Bladder Pump
- ____ Submersible Pump

Sample Equipment:

- X Disposable Bailer
- ____ Whaler # ____
- ____ Bladder Pump
- ____ Submersible Pump

Analyses Requested (cricle all that apply):

TPH-gas, BTEX, MTBE, ~~1, 2-DCA, EDB, 8260 Fuel Oxygenates~~
~~TPH diesel, Stoddard Solvent~~
~~Intrinsic Bio. Parameters~~

Number and Types of Bottle Used:

5 x 40 mL VOA

Well Number: MW-4
Depth to Water: 23.80' TOC
Well Depth: 40' BGS or TOC
Height W-Column: 16.20' feet (well depth - depth to water)
Volume in Well: 2.592 gallons (casing volume X height)
Gallons to purge: 10.34 gallons (volume X 4)

Well Diameter: 2" with Casing Volume of:
2" = (0.16 Gallon/Feet)
4" = (0.65 Gallon/Feet)
5" = (1.02 Gallon/Feet)
6" = (1.47 Gallon/Feet)
8" = (2.61 Gallon/Feet)

Lab: Entech **Transportation:** Courier

Time (24 hr.)	Volume Purged (Gallons)	Conductivity (µs/cm)	Temperature °F °C	pH	Turbidity: Color, Fines	D.O. (ppm)
0917	0	551	17.1	6.74	High: Brown, Many Fines	NA
0919	2	583	18.1	6.[illegible]	Moderate Brown, Mod Fines	
0923	4	600	18.8	6.[illegible]	Low: Clear-Brown, Minor Fines	
0934	6	603	19.0	6.36	Low: Clear, Trace Fines	
0936	8	604	19.1	6.36	↓	↓
0937	10	605	19.1	6.36	↓	↓
0939	12	606	19.1	6.36	↓	↓
STOP- Purge Complete. See Below.						
CT 12/18/01						

Equipment Purge

Wait for 80% well volume recovery prior to sampling.

Calculate depth to water (from TOC), for 80% well volume recovery:

Calculate 80% of orginal well volume:

Original Height of Water Column = 16.20' x 0.8 = 12.96' - (Well Depth) 40' = Depth to water 27.04

Time: 0941 1st measured depth to water, 23.86' feet below TOC. Is well within 80% of original well casing volume: Yes ✓ No ____

Time: ____ 1st measured depth to water, ____ feet below TOC. Is well within 80% of original well casing volume: Yes ____ No ____

Time: ____ 1st measured depth to water, ____ feet below TOC. Is well within 80% of original well casing volume: Yes ____ No ____

Sample Well

Time: 0941 Sample ID: MW-4 Depth: 23.86' feet below TOC

Comments: No Floating Product, No Odor

WATER QUALITY SAMPLING INFORMATION

Project Name/No.: Herbert Transportation / H9042-Q **Date:** 12/18/01

Sample No.: MW-12 **Sample Location:** MW-12

Samplers Name: Chad Tyler **Recorded by:** CT

Purge Equipment:

- ____ Bailer: Disposable or Acrylic
- X Whaler # 1
- ____ Bladder Pump
- ____ Submersible Pump

Sample Equipment:

- X Disposable Bailer
- ____ Whaler # ____
- ____ Bladder Pump
- ____ Submersible Pump

Analyses Requested (cricle all that apply):

TPH-gas, BTEX, MTBE ~~1, 2-DCA, EDB, 8260 Fuel Oxygenates~~
~~TPH-diesel, Stoddard Solvent~~
~~Intrinsic Bio. Parameters~~

Number and Types of Bottle Used: 5x40mL VOA's

Well Number: MW-12
Depth to Water: 24.49' TOC
Well Depth: 40' BGS or TOC
Height W-Column: 15.51' feet (well depth - depth to water)
Volume in Well: 2.4816 gallons (casing volume X height)
Gallons to purge: 9.9264 gallons (volume X 4)

Well Diameter: 2" with Casing Volume of:
2" = (0.16 Gallon/Feet)
4" = (0.65 Gallon/Feet)
5" = (1.02 Gallon/Feet)
6" = (1.47 Gallon/Feet)
8" = (2.61 Gallon/Feet)

Lab: Entrix **Transportation:** Courier

Time (24 hr.)	Volume Purged (Gallons)	Conductivity (µs/cm)	Temperature (°F) °C	pH	Turbidity: Color, Fines	D.O. (ppm)
1008	0	597	17.6	6.43	High: Brown, Many Fines	NA
1009	2	549	18.0	6.50		
1010	4	553	18.2	6.52	Moderate: Brown, Moderate Fines	
1012	6	557	18.2	6.54		
1014	8	559	18.2	6.54		
1015	10	560	18.2	6.55	Low: Clear-Brown, Minor Fines	
1017	12	561	18.2	6.57		
STOP - Purge Complete. See Below						
CT 12/18/01						

Wait for 80% well volume recovery prior to sampling.

Calculate depth to water (from TOC), for 80% well volume recovery:

Calculate 80% of orginal well volume:

Original Height of Water Column = 15.51' x 0.8 = 12.408' - (Well Depth) 40' = Depth to water 27.59'

Time: 1019 1st measured depth to water, 24.58' feet below TOC. Is well within 80% of original well casing volume: Yes ✓ No ____
Time: ____ 1st measured depth to water, ____ feet below TOC. Is well within 80% of orginal well casing volume: Yes ____ No ____
Time: ____ 1st measured depth to water, ____ feet below TOC. Is well within 80% of original well casing volume: Yes ____ No CT

Sample Well

Time: 1019 Sample ID: MW-12 Depth: 24.58' feet below TOC

Comments: No Floating Product. No Odor.

WATER QUALITY SAMPLING INFORMATION

Project Name/No.: Herbert Transportation/#9042.Q **Date:** 12/18/01

Sample No.: MW-11 **Sample Location:** MW-11

Samplers Name: Chad Taylor **Recorded by:** CT

Purge Equipment:

- ____ Bailer: Disposable or Acrylic
- X Whaler # 1
- ____ Bladder Pump
- ____ Submersible Pump

Sample Equipment:

- X Disposable Bailer
- ____ Whaler # ____
- ____ Bladder Pump
- ____ Submersible Pump

Analyses Requested (cricle all that apply):

~~TPH-gas~~, BTEX, MTBE, ~~1, 2-DCA, EDB, 8260 Fuel Oxygenates~~

~~TPH-diesel, Stoddard Solvent~~

~~Intrinsic Bio. Parameters~~

Number and Types of Bottle Used: 5 x 40mL VOA's

Well Number: MW-11
Depth to Water: 23.39' TOC
Well Depth: 40' BGS or TOC
Height W-Column: 16.61' feet (well depth - depth to water)
Volume in Well: 2.6576 gallons (casing volume X height)
Gallons to purge: 10.63 gallons (volume X 4)

Well Diameter: 2" with Casing Volume of:

- 2" = (0.16 Gallon/Feet)
- 4" = (0.65 Gallon/Feet)
- 5" = (1.02 Gallon/Feet)
- 6" = (1.47 Gallon/Feet)
- 8" = (2.61 Gallon/Feet)

Lab: Entech **Transportation:** Courier

Time (24 hr.)	Volume Purged (Gallons)	Conductivity (µs/cm)	Temperature ~~(°F)~~ °C	pH	Turbidity: Color, Fines	D.O. (ppm)
1053	0	749	15.3	5.65	High: Brown, Many Fines	NA
1055	2	804	17.6	5.20	↓ ↓ ↓	↓
1056	4	814	17.8	5.28	Moderate: Brown, Mod Fines	
1058	6	820	17.9	5.28	Low: Clear-Brown, Minor Fines	
1100	8	821	17.9	5.35	↓ ↓ ↓	
1101	10	823	17.9	5.41	Low: Clear, Trace Fines	
1103	12	825	17.9	5.27	↓ ↓ ↓	↓
STOP-Purge Complete: See Below						
CT 12/19/01						

Wait for 80% well volume recovery prior to sampling.

Calculate depth to water (from TOC), for 80% well volume recovery:

Calculate 80% of orginal well volume:

Original Height of Water Column = 16.61' x 0.8 = 13.288' - (Well Depth) 40' = Depth to water 26.71'

Time: 1105 1st measured depth to water, 23.49' feet below TOC. Is well within 80% of original well casing volume: Yes ✓ No ____

Time: ____ 1st measured depth to water, ____ feet below TOC. Is well within 80% of original well casing volume: Yes ____ No ____

Time: CT 1st measured depth to water, CT feet below TOC. Is well within 80% of original well casing volume: Yes ____ No CT

Sample Well

Time: 1105 Sample ID: MW-11 Depth: 23.49' feet below TOC

Comments: No Floating Product. No Odor.

WATER QUALITY SAMPLING INFORMATION

Project Name/No.: Herbert Transportation / H9042.Q **Date:** 12/18/01

Sample No.: MW-7 **Sample Location:** MW-7

Samplers Name: Chad Tyler **Recorded by:** MW (RE) CT 12/18/01

Purge Equipment:

- ____ Bailer: Disposable or Acrylic
- X Whaler # 1
- ____ Bladder Pump
- ____ Submersible Pump

Sample Equipment:

- X Disposable Bailer
- ____ Whaler # ____
- ____ Bladder Pump
- ____ Submersible Pump

Analyses Requested (cricle all that apply):

TPH-gas, BTEX, MTBE ~~1, 2-DCA, EDB, 8260 Fuel Oxygenates~~ ~~TPH-diesel, Stoddard Solvent~~ ~~Intrinsic Bio. Parameters~~

Number and Types of Bottle Used:

Well Number: MW-7
Depth to Water: 24.70' TOC
Well Depth: 40' BGS or TOC
Height W-Column: 15.30' feet (well depth - depth to water)
Volume in Well: 9.945 gallons (casing volume X height)
Gallons to purge: 39.78 gallons (volume X 4)

Well Diameter: 4" with Casing Volume of:
2" = (0.16 Gallon/Feet)
4" = (0.65 Gallon/Feet)
5" = (1.02 Gallon/Feet)
6" = (1.47 Gallon/Feet)
8" = (2.61 Gallon/Feet)

Lab: Entech **Transportation:** Courier

Time (24 hr.)	Volume Purged (Gallons)	Conductivity (µs/cm)	Temperature (°F / °C)	pH	Turbidity: Color, Fines	D.O. (ppm)
1134	0	553	16.5	6.26	High: Brown, Many Fines	NA
1140	5	568	18.5	6.25	Low: Clear, Trace Fines	
1146	10	574	18.6	6.24		
1152	15	574	18.6	6.23		
1159	20	574	18.6	6.23		
1203	25	572	18.7	6.22		
1207	30	573	18.7	6.23		
1211	35	573	18.6	6.23		
1214	40	573	18.6	6.22		

Wait for 80% well volume recovery prior to sampling.

Calculate depth to water (from TOC), for 80% well volume recovery:

Calculate 80% of orginal well volume:

Original Height of Water Column = 15.30' x 0.8 = 12.24' - (Well Depth) 40' = Depth to water 27.76'

Time: 1217 1st measured depth to water, 25.36' feet below TOC. Is well within 80% of orginal well casing volume: Yes ✓ No ____

Time: ____ 1st measured depth to water, ____ feet below TOC. Is well within 80% of original well casing volume: Yes ____ No ____

Time: ____ 1st measured depth to water, ____ feet below TOC. Is well within 80% of orginal well casing volume: Yes ____ No ____

Sample Well

Time: 1217 Sample ID: MW-7 Depth: 25.36' feet below TOC

Comments: No Floaty Product. No odor.

WATER QUALITY SAMPLING INFORMATION

Project Name/No.: Hubert Transportation / H9042-Q **Date:** 12/18/01

Sample No.: MW-3 **Sample Location:** MW-3

Samplers Name: Chad Taylor **Recorded by:** CT

Purge Equipment:

- ____ Bailer: Disposable or Acrylic
- X Whaler # 2
- ____ Bladder Pump
- ____ Submersible Pump

Sample Equipment:

- X Disposable Bailer
- ____ Whaler # ____
- ____ Bladder Pump
- ____ Submersible Pump

Analyses Requested (cricle all that apply):

TPH-gas, BTEX, MTBE, ~~1, 2-DCA, EDB, 8260 Fuel Oxygenates~~

~~TPH diesel, Stoddard Solvent~~

~~Intrinsic Bio. Parameters~~

Number and Types of Bottle Used: 5 x 40mL VOA's

Well Number: MW-3

Depth to Water: 23.59' TOC

Well Depth: 40' BGS or TOC

Height W-Column: 16.41' feet (well depth - depth to water)

Volume in Well: 2.6256 gallons (casing volume X height)

Gallons to purge: 10.50 gallons (volume X 4)

Well Diameter: 2" with Casing Volume of:

- 2" = (0.16 Gallon/Feet)
- 4" = (0.65 Gallon/Feet)
- 5" = (1.02 Gallon/Feet)
- 6" = (1.47 Gallon/Feet)
- 8" = (2.61 Gallon/Feet)

Lab: **Transportation:** Courier

Time (24 hr.)	Volume Purged (Gallons)	Conductivity (µs/cm)	Temperature ~~(°F)~~ °C	pH	Turbidity: Color, Fines	D.O. (ppm)
1239	0	586	18.1	6.26	High: Brown, Moderate Fines	NA
1241	2	619	18.8	6.27	Low: Clear, Trace Fines	
1243	4	623	18.9	6.27	↓	↓
1245	6	628	18.9	6.27	↓	↓
1247	8	629	19.0	6.27	↓	↓
1248	10	629	19.0	6.27	↓	↓
1250	12	626	19.0	6.27	↓	↓
STOP - Purge Complete. See Below.						
CT 12/18/01						

Wait for 80% well volume recovery prior to sampling.

Calculate depth to water (from TOC), for 80% well volume recovery:

Calculate 80% of orginal well volume:

Original Height of Water Column = 16.41' x 0.8 = 13.128' - (Well Depth) 40' = Depth to water 26.87'

Time: 1250 1st measured depth to water, 23.69' feet below TOC. Is well within 80% of original well casing volume: Yes ✓ No ____

Time: ____ 1st measured depth to water, ____ feet below TOC. Is well within 80% of original well casing volume: Yes ____ No ____

Time: ____ 1st measured depth to water, ____ feet below TOC. Is well within 80% of original well casing volume: Yes ____ No ____

CT CT CT

Sample Well

Time: 1250 Sample ID: MW-3 Depth: 23.69 feet below TOC

Comments: No Floaty Product. Very Slight Odor.

WATER QUALITY SAMPLING INFORMATION

Project Name/No.: Herbert Transportation / H9042-Q **Date:** 12/18/01

Sample No.: MW-10 **Sample Location:** MW-10

Samplers Name: Chad Taylor **Recorded by:** CT

Purge Equipment:

- ____ Bailer: Disposable or Acrylic
- X Whaler # 2
- ____ Bladder Pump
- ____ Submersible Pump

Sample Equipment:

- X Disposable Bailer
- ____ Whaler # ____
- ____ Bladder Pump
- ____ Submersible Pump

Analyses Requested (cricle all that apply):

~~TPH-gas~~, ~~BTEX~~, ~~MTBE~~, ~~1,2-DCA, EDB, 8260 Fuel Oxygenates~~
~~TPH diesel, Stoddard Solvent~~
~~Intrinsic Bio. Parameters~~

Number and Types of Bottle Used: 5 x 40 mL VOA's

Well Number: MW-10
Depth to Water: 21.11' TOC
Well Depth: 40' BGS or TOC
Height W-Column: 18.89' feet (well depth - depth to water)
Volume in Well: 12.2785 gallons (casing volume X height)
Gallons to purge: 49.11 gallons (volume X 4)

Well Diameter: 4" with Casing Volume of:
2" = (0.16 Gallon/Feet)
4" = (0.65 Gallon/Feet)
5" = (1.02 Gallon/Feet)
6" = (1.47 Gallon/Feet)
8" = (2.61 Gallon/Feet)

Lab: Entech **Transportation:** Courier

Time (24 hr.)	Volume Purged (Gallons)	Conductivity (µs/cm)	Temperature (°F)	pH	Turbidity: Color, Fines	D.O. (ppm)
1324 / 1330	0 / 5	911 / 833	18.2 / 18.9	6.88 / 6.78	H, L: Brown, Many Fines / Low: Clear-Brown, Many Fines	NA
1335 / 1338	10 / 15	828 / 826	19.0 / 19.1	6.34 / 6.34	Low: Clear, Trace Fines / Low: Clear, Trace Fines	
1341	20	826	19.1	6.34	Low: Clear, Trace Fines	
1345	25	826	19.1	6.34		
1348	30	825	19.1	6.34		
1351	35	825	19.1	6.34		
1354	40	825	19.1	6.34		
1358	45	825	19.1	6.34		
1401	50	824	19.1	6.34		

Wait for 80% well volume recovery prior to sampling.

Calculate depth to water (from TOC), for 80% well volume recovery:

Calculate 80% of orginal well volume:

Original Height of Water Column = 18.89' x 0.8 = 15.112' - (Well Depth) 40' = Depth to water 24.89'

Time: 1503 1st measured depth to water, 23.28' feet below TOC. Is well within 80% of orginal well casing volume: Yes ✓ No ____
Time: ____ 1st measured depth to water, ____ feet below TOC. Is well within 80% of original well casing volume: Yes ____ No ____
Time: ____ 1st measured depth to water, ____ feet below TOC. Is well within 80% of orginal well casing volume: Yes ____ No ____

Sample Well

Time: 1503 Sample ID: MW-10 Depth: 23.28' feet below TOC

Comments: No Floating Product. Very Slight Odor.

WATER QUALITY SAMPLING INFORMATION

Project Name/No.: Herbert Transportation / H9042.Q **Date:** 12/18/01

Sample No.: MW-6 **Sample Location:** MW-6

Samplers Name: Chad Taylor **Recorded by:** CT

Purge Equipment:

_____ Bailer: Disposable or Acrylic
X Whaler # 3
_____ Bladder Pump
_____ Submersible Pump

Sample Equipment:

X Disposable Bailer
_____ Whaler # _____
_____ Bladder Pump
_____ Submersible Pump

Analyses Requested (cricle all that apply):

TPH-gas, BTEX, MTBE, ~~1, 2-DCA, EDB, 8260 Fuel Oxygenates~~
~~TPH-diesel, Stoddard Solvent~~
~~Intrinsic Bio. Parameters~~

Number and Types of Bottle Used: 5x40 ~ LVOAs

Well Number: MW-6
Depth to Water: 24.16' TOC
Well Depth: 45' BGS or TOC
Height W-Column: 20.84' feet (well depth - depth to water)
Volume in Well: 13.546 gallons (casing volume X height)
Gallons to purge: 54.18 gallons (volume X 4)

Well Diameter: 4' with Casing Volume of:
2" = (0.16 Gallon/Feet)
4" = (0.65 Gallon/Feet) (circled)
5" = (1.02 Gallon/Feet)
6" = (1.47 Gallon/Feet)
8" = (2.61 Gallon/Feet)

Lab: Entech **Transportation:** Courier

Time (24 hr.)	Volume Purged (Gallons)	Conductivity (µs/cm)	Temperature (°F)	pH	Turbidity: Color, Fines	D.O. (ppm)
1440 / 1444	0 / 5	633 / 121	17.4 / 18.8	4.24 / 7.41	High: Brown, Moving / Low: Clear, Trace Fines	NA
1447 / 1450	10 / 15	627 / 629	19.1 / 19.2	7.17 / 7.30	Low: Clear, Trace Fines / Low: Clear, Trace Fines	↓
1453 / 1457	20 / 25	631 / 631	19.2 / 19.2	7.32 / 7.64	Low: Clear, Trace Fines / Low: Clear, Trace Fines	↓
1500	30	631	19.2	7.97	Low: Clear, Trace Fines	↓
1503	35	630	19.2	7.33	↓	↓
1506	40	630	19.2	7.18	↓	↓
1509	45	630	19.2	7.08	↓	↓
1512	50	629	19.2	7.16	↓	↓
1515	55	629	19.2	7.27	↓	↓

Wait for 80% well volume recovery prior to sampling.

Calculate depth to water (from TOC), for 80% well volume recovery:

Calculate 80% of orginal well volume:

Original Height of Water Column = 20.84' x 0.8 = _____ - (Well Depth) 45' = Depth to water _____

Time: 1517 1st measured depth to water, 25.76' feet below TOC. Is well within 80% of original well casing volume: Yes ✓ No ____
Time: \ 1st measured depth to water, \ feet below TOC. Is well within 80% of original well casing volume: Yes \ No ____
Time: \CT 1st measured depth to water, \CT feet below TOC. Is well within 80% of original well casing volume: Yes ____ No CT

Sample Well

Time: 1517 Sample ID: MW-6 Depth: 25.76' feet below TOC

Comments: No Floating Product. Moderate odor.

WATER QUALITY SAMPLING INFORMATION

Project Name/No.: Hubert Transportation / H9042.9 **Date:** 12/18/01

Sample No.: MW-5 **Sample Location:** MW-5

Samplers Name: Chad Tyler **Recorded by:** CT

Purge Equipment:

- ____ Bailer: Disposable or Acrylic
- X Whaler # 3
- ____ Bladder Pump
- ____ Submersible Pump

Sample Equipment:

- X Disposable Bailer
- ____ Whaler # ____
- ____ Bladder Pump
- ____ Submersible Pump

Analyses Requested (cricle all that apply):

(TPH-gas, BTEX, MTBE) ~~1, 2 DCA, EDB, 8260 Fuel Oxygenates~~

~~TPH diesel, Stoddard Solvent~~

~~Intrinsic Bio. Parameters~~

Number and Types of Bottle Used: 5 x 40-mL VOA's

Well Number: MW-5
Depth to Water: 23.15' TOC
Well Depth: 45' BGS or TOC
Height W-Column: 21.85' feet (well depth - depth to water)
Volume in Well: 14.2025 gallons (casing volume X height)
Gallons to purge: 56.85 gallons (volume X 4)

Well Diameter: 4" with Casing Volume of:

- 2" = (0.16 Gallon/Feet)
- 4" = (0.65 Gallon/Feet)
- 5" = (1.02 Gallon/Feet)
- 6" = (1.47 Gallon/Feet)
- 8" = (2.61 Gallon/Feet)

Lab: Entech **Transportation:** Courier

Time (24 hr.)	Volume Purged (Gallons)	Conductivity (µs/cm)	Temperature (°F)	pH	Turbidity: Color, Fines	D.O. (ppm)
1549 / 1552	0 / 5	616 / 604	17.5 / 18.8	6.61 / 6.65	High: Dark Grey, Mod Fines / Low: Clear, Grey, Many Fines	NA
1555 / 1558	10 / 15	610 / 604	19.4 / 19.2	6.70 / 6.68	Low: Clear, Trace Fines / Low: Clear, Trace Fines	
1602 / 1605	20 / 25	617 / 625	19.2 / 19.1	6.68 / 6.67	Low: Clear, Trace Fines / Low: Clear, Trace Fines	
1608 / 1612	30 / 35	626 / 626	19.0 / 18.9	6.67 / 6.65	Low: Clear, Trace Fines / Low: Clear, Trace Fines	
1616	40	620	18.8	6.65	Low: Clear, Trace Fines	
1619	45	620	18.8	6.65		
1623	50	623	18.7	6.65		
1626	55	627	18.7	6.68		
16	60	625	18.7	6.70		

Wait for 80% well volume recovery prior to sampling.

Calculate depth to water (from TOC), for 80% well volume recovery:

Calculate 80% of orginal well volume:

Original Height of Water Column = 21.85' x 0.8 = 17.480 - (Well Depth) 45' = Depth to water 27.52'

Time: 1632 1st measured depth to water, 39.65' feet below TOC. Is well within 80% of original well casing volume: Yes ____ No ✓

Time: 1644 1st measured depth to water, 30.69' feet below TOC. Is well within 80% of original well casing volume: Yes ____ No ✓

Time: 1653 1st measured depth to water, 27.48' feet below TOC. Is well within 80% of original well casing volume: Yes ____ No ____

Sample Well

Time: 1653 Sample ID: MW-5 Depth: 27.48 feet below TOC

Comments: No Floating Product. High Odor.

WATER QUALITY SAMPLING INFORMATION

Project Name/No.: Hurbert Transportation / 19042.Q **Date:** 12/18/01

Sample No.: MW-9 **Sample Location:** MW-9

Samplers Name: Chad Tyl **Recorded by:** CT

Purge Equipment:

- ____ Bailer: Disposable or Acrylic
- X Whaler # 3
- ____ Bladder Pump
- ____ Submersible Pump

Sample Equipment:

- X Disposable Bailer
- ____ Whaler # ____
- ____ Bladder Pump
- ____ Submersible Pump

Analyses Requested (cricle all that apply):

TPH-gas, BTEX, MTBE, ~~1, 2 DCA, EDB, 8260 Fuel Oxygenates~~

~~TPH-diesel, Stoddard Solvent~~

~~Intrinsic Bio. Parameters~~

Number and Types of Bottle Used: 5 x 40mL VOA's

Well Number: MW-9

Depth to Water: 23.38' TOC

Well Depth: 40' BGS or TOC

Height W-Column: 16.62' feet (well depth - depth to water)

Volume in Well: 10.803 gallons (casing volume X height)

Gallons to purge: 42.81 gallons (volume X 4)

Well Diameter: 4" with Casing Volume of:

- 2" = (0.16 Gallon/Feet)
- 4" = (0.65 Gallon/Feet)
- 5" = (1.02 Gallon/Feet)
- 6" = (1.47 Gallon/Feet)
- 8" = (2.61 Gallon/Feet)

Lab: Entech **Transportation:** Courier

Time (24 hr.)	Volume Purged (Gallons)	Conductivity (µs/cm)	Temperature (°F)	pH	Turbidity: Color, Fines	D.O. (ppm)
1709 / 1712	0 / 5	585 / 580	16.2 / 19.2	6.58 / 6.78	High: Dark Gray, Many Fines / Low: Clear-Gray, Many Fines	NA
1715	10	582	19.4	6.75	Low: Clear, Trace Fines	
1718	15	587	19.4	6.71		
1721	20	594	19.4	6.63		
1724	25	599	19.4	6.61		
1727	30	605	19.4	6.57		
1731	35	606	19.4	6.55		
1734	40	608	19.4	6.55		
1737	45	612	19.4	6.53		

Wait for 80% well volume recovery prior to sampling.

Calculate depth to water (from TOC), for 80% well volume recovery:

Calculate 80% of orginal well volume:

Original Height of Water Column = 16.62' x 0.8 = 13.296 - (Well Depth) 40 = Depth to water 26.70

Time: 1739 1st measured depth to water, 23.78' feet below TOC — Is well within 80% of original well casing volume: Yes ✓ No ____

Time: ____ 1st measured depth to water, ____ feet below TOC. — Is well within 80% of original well casing volume: Yes ____ No ____

Time: ____ CT 1st measured depth to water, ____ CT feet below TOC. — Is well within 80% of original well casing volume: Yes ____ No ____ CT

Sample Well

Time: 1739 Sample ID: MW-9 Depth: 23.78' feet below TOC

Comments: No Floating Product. Moderate Odor

APPENDIX E

CERTIFIED ANALYTICAL RESULTS FOR QUARTERLY MONITORING

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

January 03, 2002

Chad Taylor
Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076

Order: 28266
Project Name: Harbert Transportation
Project Number: H9042.Q
Project Notes:

Date Collected: 12/18/01
Date Received: 12/19/01
P.O. Number: H9042.Q

On December 19, 2001, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Liquid	Gas/BTEX/MTBE	EPA 8015 MOD. (Purgeable)
		EPA 8020
	MTBE by EPA 8260B	EPA 8260B

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-588-0200.

Sincerely,

Michelle L. Anderson
Laboratory Director

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Chad Taylor

Date: 01/03/02
Date Received: 12/19/01
Project Name: Harbert Transportation
Project Number: H9042.Q
P.O. Number: H9042.Q
Sampled By: Client

Certified Analytical Report

Order ID: 28266 **Lab Sample ID:** 28266-001 **Client Sample ID:** MW-3

Sample Time: **Sample Date:** 12/18/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	1.6		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Toluene	1.7		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Ethyl Benzene	13		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Xylenes, Total	5.4		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	94	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/L	N/A	12/22/01	WGC42268	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	94	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	270		1	50	50	µg/L	N/A	12/22/01	WGC42268	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	83	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

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Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Chad Taylor

Date: 01/03/02
Date Received: 12/19/01
Project Name: Harbert Transportation
Project Number: H9042.Q
P.O. Number: H9042.Q
Sampled By: Client

Certified Analytical Report

Order ID: 28266 **Lab Sample ID:** 28266-002 **Client Sample ID:** MW-4

Sample Time: **Sample Date:** 12/18/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Toluene	0.90		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Ethyl Benzene	ND		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Xylenes, Total	ND		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	98.7	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/L	N/A	12/22/01	WGC42268	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	98.7	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	50	50	µg/L	N/A	12/22/01	WGC42268	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	102	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

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120 Westgate Drive
Watsonville, CA 95076
Attn: Chad Taylor

Date: 01/03/02
Date Received: 12/19/01
Project Name: Harbert Transportation
Project Number: H9042.Q
P.O. Number: H9042.Q
Sampled By: Client

Certified Analytical Report

Order ID: 28266 **Lab Sample ID:** 28266-003 **Client Sample ID:** MW-5

Sample Time: **Sample Date:** 12/18/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	21		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Toluene	12		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Ethyl Benzene	86		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Xylenes, Total	94		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	92	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	7.8		1	5	5	µg/L	N/A	12/22/01	WGC42268	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	92	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	780		1	50	50	µg/L	N/A	12/22/01	WGC42268	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	80	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

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Attn: Chad Taylor

Date: 01/03/02
Date Received: 12/19/01
Project Name: Harbert Transportation
Project Number: H9042.Q
P.O. Number: H9042.Q
Sampled By: Client

Certified Analytical Report

Order ID: 28266 **Lab Sample ID:** 28266-004 **Client Sample ID:** MW-6

Sample Time: **Sample Date:** 12/18/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	33		10	0.5	5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Toluene	8.7		10	0.5	5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Ethyl Benzene	320		10	0.5	5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Xylenes, Total	110		10	0.5	5	µg/L	N/A	12/22/01	WGC42268	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	98	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		10	5	50	µg/L	N/A	12/22/01	WGC42268	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	98	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	3700		10	50	500	µg/L	N/A	12/22/01	WGC42268	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	83	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

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Watsonville, CA 95076
Attn: Chad Taylor

Date: 01/03/02
Date Received: 12/19/01
Project Name: Harbert Transportation
Project Number: H9042.Q
P.O. Number: H9042.Q
Sampled By: Client

Certified Analytical Report

Order ID: 28266 **Lab Sample ID:** 28266-005 **Client Sample ID:** MW-8

Sample Time: **Sample Date:** 12/18/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Toluene	ND		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Ethyl Benzene	ND		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Xylenes, Total	ND		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	99	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/L	N/A	12/22/01	WGC42268	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	99	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	50	50	µg/L	N/A	12/22/01	WGC42268	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	103	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

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Watsonville, CA 95076
Attn: Chad Taylor

Date: 01/03/02
Date Received: 12/19/01
Project Name: Harbert Transportation
Project Number: H9042.Q
P.O. Number: H9042.Q
Sampled By: Client

Certified Analytical Report

Order ID: 28266 **Lab Sample ID:** 28266-006 **Client Sample ID:** MW-9

Sample Time: **Sample Date:** 12/18/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	640		10	0.5	5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Toluene	120		10	0.5	5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Ethyl Benzene	630		10	0.5	5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Xylenes, Total	1300		10	0.5	5	µg/L	N/A	12/22/01	WGC42268	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	96	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		10	5	50	µg/L	N/A	12/22/01	WGC42268	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	96	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	6400		10	50	500	µg/L	N/A	12/22/01	WGC42268	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	91	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

3334 Victor Court • Santa Clara, CA 95054 • (408) 588-0200 • Fax (408) 588-0201

Weber, Hayes and Associates
120 Westgate Drive
Watsonville, CA 95076
Attn: Chad Taylor

Date: 01/03/02
Date Received: 12/19/01
Project Name: Harbert Transportation
Project Number: H9042.Q
P.O. Number: H9042.Q
Sampled By: Client

Certified Analytical Report

Order ID: 28266 **Lab Sample ID:** 28266-007 **Client Sample ID:** MW-10

Sample Time: **Sample Date:** 12/18/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	7.9		5	0.5	2.5	µg/L	N/A	12/27/01	WGC42271	EPA 8020
Toluene	2.9		5	0.5	2.5	µg/L	N/A	12/27/01	WGC42271	EPA 8020
Ethyl Benzene	ND		5	0.5	2.5	µg/L	N/A	12/27/01	WGC42271	EPA 8020
Xylenes, Total	ND		5	0.5	2.5	µg/L	N/A	12/27/01	WGC42271	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	92	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		5	5	25	µg/L	N/A	12/27/01	WGC42271	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	92	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	1500		5	50	250	µg/L	N/A	12/27/01	WGC42271	EPA 8015 MOD. *(Purgeable)*

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	91	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Date: 01/03/02
Date Received: 12/19/01
Project Name: Harbert Transportation
Project Number: H9042.Q
P.O. Number: H9042.Q
Sampled By: Client

Certified Analytical Report

Order ID: 28266 **Lab Sample ID:** 28266-008 **Client Sample ID:** MW-11

Sample Time: **Sample Date:** 12/18/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Toluene	0.56		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Ethyl Benzene	ND		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Xylenes, Total	ND		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	97	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/L	N/A	12/22/01	WGC42268	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	97	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	50	50	µg/L	N/A	12/22/01	WGC42268	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	101	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Attn: Chad Taylor

Date: 01/03/02
Date Received: 12/19/01
Project Name: Harbert Transportation
Project Number: H9042.Q
P.O. Number: H9042.Q
Sampled By: Client

Certified Analytical Report

Order ID: 28266 **Lab Sample ID:** 28266-009 **Client Sample ID:** MW-12

Sample Time: **Sample Date:** 12/18/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Toluene	0.86		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Ethyl Benzene	ND		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020
Xylenes, Total	ND		1	0.5	0.5	µg/L	N/A	12/22/01	WGC42268	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	96	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/L	N/A	12/22/01	WGC42268	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	96	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	ND		1	50	50	µg/L	N/A	12/22/01	WGC42268	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	100	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Attn: Chad Taylor

Date: 01/03/02
Date Received: 12/19/01
Project Name: Harbert Transportation
Project Number: H9042.Q
P.O. Number: H9042.Q
Sampled By: Client

Certified Analytical Report

Order ID: 28266 **Lab Sample ID:** 28266-010 **Client Sample ID:** MW-7

Sample Time: **Sample Date:** 12/18/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Benzene	ND		1	0.5	0.5	µg/L	N/A	12/28/01	WGC42271	EPA 8020
Toluene	ND		1	0.5	0.5	µg/L	N/A	12/28/01	WGC42271	EPA 8020
Ethyl Benzene	19		1	0.5	0.5	µg/L	N/A	12/28/01	WGC42271	EPA 8020
Xylenes, Total	4.6		1	0.5	0.5	µg/L	N/A	12/28/01	WGC42271	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	91	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/L	N/A	12/28/01	WGC42271	EPA 8020

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	91	65 - 135

Parameter	Result	Flag	DF	PQL	DLR	Units	Extraction Date	Analysis Date	QC Batch ID	Method
TPH as Gasoline	290		1	50	50	µg/L	N/A	12/28/01	WGC42271	EPA 8015 MOD. (Purgeable)

Surrogate	Surrogate Recovery	Control Limits (%)
aaa-Trifluorotoluene	85	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Attn: Chad Taylor

Date: 01/03/02
Date Received: 12/19/01
Project Name: Harbert Transportation
Project Number: H9042.Q
P.O. Number: H9042.Q
Sampled By: Client

Certified Analytical Report

Order ID: 28266 **Lab Sample ID:** 28266-003 **Client Sample ID:** MW-5

Sample Time: **Sample Date:** 12/18/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/L	12/31/01	WMS31342	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97	65 - 135
Dibromofluoromethane	113	57 - 139
Toluene-d8	108	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

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Attn: Chad Taylor

Date: 01/03/02
Date Received: 12/19/01
Project Name: Harbert Transportation
Project Number: H9042.Q
P.O. Number: H9042.Q
Sampled By: Client

Certified Analytical Report

Order ID: 28266 **Lab Sample ID:** 28266-004 **Client Sample ID:** MW-6

Sample Time: **Sample Date:** 12/18/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQLR	MDL	DLR	Units	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		5	25	0.3	1.5	µg/L	1/2/02	WMS31342	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97	65 - 135
Dibromofluoromethane	111	57 - 139
Toluene-d8	107	65 - 135

Comment: Sample diluted due to high concentrations of non-target hydrocarbons.

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

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Attn: Chad Taylor

Date: 01/03/02
Date Received: 12/19/01
Project Name: Harbert Transportation
Project Number: H9042.Q
P.O. Number: H9042.Q
Sampled By: Client

Certified Analytical Report

Order ID: 28266 **Lab Sample ID:** 28266-006 **Client Sample ID:** MW-9

Sample Time: **Sample Date:** 12/18/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQLR	MDL	DLR	Units	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		5	25	0.3	1.5	µg/L	1/2/02	WMS31342	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	95	65 - 135
Dibromofluoromethane	112	57 - 139
Toluene-d8	104	65 - 135

Comment: Sample diluted due to high concentrations of non-target hydrocarbons.

DF = Dilution Factor *ND = Not Detected* DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Date: 01/03/02
Date Received: 12/19/01
Project Name: Harbert Transportation
Project Number: H9042.Q
P.O. Number: H9042.Q
Sampled By: Client

Certified Analytical Report

Order ID: 28266 **Lab Sample ID:** 28266-007 **Client Sample ID:** MW-10

Sample Time: **Sample Date:** 12/18/01 **Matrix:** Liquid

Parameter	Result	Flag	DF	PQLR	MDL	DLR	Units	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		2	10	0.3	0.6	µg/L	1/2/02	WMS31342	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	97	65 - 135
Dibromofluoromethane	112	57 - 139
Toluene-d8	106	65 - 135

Comment: Sample diluted due to the nature of the sample matrix.

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

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Quality Control Results Summary

QC Batch #: WMS31342 **Units:** µg/L
Matrix: Liquid **Date Analyzed:** 12/31/01

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: Oxygenates by EPA 8260B											
Methyl-t-butyl Ether	EPA 8260B	ND		20		19.3	LCS	96.5			65.0 - 135.0

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	91	65 - 135
Dibromofluoromethane	111	57 - 139
Toluene-d8	101	65 - 135

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: Oxygenates by EPA 8260B											
Methyl-t-butyl Ether	EPA 8260B	ND		20		18.4	LCSD	92.0	4.77	25.00	65.0 - 135.0

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	94	65 - 135
Dibromofluoromethane	112	57 - 139
Toluene-d8	103	65 - 135

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Quality Control Results Summary

QC Batch #: WGC42268 **Units:** µg/L
Matrix: Liquid **Date Analyzed:** 12/22/01

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		561		500.64	LCS	89.2			59.2 - 111.9
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			98			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		6.791	LCS	109.5			65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		8.061	LCS	103.3			65.0 - 135.0
Toluene	EPA 8020	ND		35.8		34.232	LCS	95.6			65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		40.047	LCS	93.1			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			103			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		561		506.95	LCSD	90.4	1.25	25.00	59.2 - 111.9
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			100			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		7.179	LCSD	115.8	5.55	25.00	65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		7.631	LCSD	97.8	5.48	25.00	65.0 - 135.0
Toluene	EPA 8020	ND		35.8		36.198	LCSD	101.1	5.58	25.00	65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		38.952	LCSD	90.6	2.77	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			106			65 - 135					

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Quality Control Results Summary

QC Batch #: WGC42271 **Units:** µg/L
Matrix: Liquid **Date Analyzed:** 12/27/01

Parameter	Method	Blank Result	Spike Sample ID	Spike Amount	Sample Result	Spike Result	QC Type	% Recovery	RPD	RPD Limits	Recovery Limits
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		561		480	LCS	85.6			59.2 - 111.9
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			97			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		6.6	LCS	106.5			65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		7.6	LCS	97.4			65.0 - 135.0
Toluene	EPA 8020	ND		35.8		35	LCS	97.8			65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		39	LCS	90.7			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			99			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		52.8		62	LCS	117.4			65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			99			65 - 135					
Test: TPH as Gasoline											
TPH as Gasoline	EPA 8015	ND		561		490	LCSD	87.3	2.06	25.00	59.2 - 111.9
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			97			65 - 135					
Test: BTEX											
Benzene	EPA 8020	ND		6.2		7.7	LCSD	124.2	15.38	25.00	65.0 - 135.0
Ethyl Benzene	EPA 8020	ND		7.8		8.1	LCSD	103.8	6.37	25.00	65.0 - 135.0
Toluene	EPA 8020	ND		35.8		36	LCSD	100.6	2.82	25.00	65.0 - 135.0
Xylenes, total	EPA 8020	ND		43		41	LCSD	95.3	5.00	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			109			65 - 135					
Test: MTBE by EPA 8020											
Methyl-t-butyl Ether	EPA 8020	ND		52.8		55	LCSD	104.2	11.97	25.00	65.0 - 135.0
Surrogate			**Surrogate Recovery**			**Control Limits (%)**					
aaa-Trifluorotoluene			109			65 - 135					

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CHAIN -OF-CUSTODY RECORD

PROJECT NAME AND JOB #: **Harbert Transportation / H9042.Q**

LABORATORY: Entech

SEND CERTIFIED RESULTS TO: **Chad Taylor**

TURNAROUND TIME: (Normal) 24hr Rush 48hr Rush 72hr Rush

ELECTRONIC DELIVERABLE FORMAT: [X] YES [ ] NO

GLOBAL I.D.: **T0600100475**

Sample Identification	Field Point Name (Geo Tracker)	Sample Depth	Date Sampled	SAMPLE CONTAINERS: 40 mL VOAs (preserved)	1 Liter Amber Jars	___mL Poly Bottle	Liner Acetate or Brass	REQUESTED ANALYSIS: Total Petroleum Hydrocarbons: Extractable Fuel-Scan	Purgeables as Diesel	Gasoline & BTEX-MTBE by EPA Method# 8015M-8-8020	Volatile Organics: MTBE by EPA Method# 8260	Solvents by EPA Method# 8010	Additional Analysis: Fuel Oxygenates by EPA Method 8260	Title 22: General, Physical and Inorganic Minerals	
82666-001	MW-3	MW-3	23.69'	12/18/01	5						X				
-002	MW-4	MW-4	23.86'		5						X				
-003	MW-5	MW-5	27.48'		5						X				
-004	MW-6	MW-6	25.76'		5						X				
-010	MW-7	MW-7	25.36'		5						X				
-005	MW-8	MW-8	26.29'		5						X				
-006	MW-9	MW-9	23.78'		5						X				
-007	MW-10	MW-10	23.28'		5						X				
-008	MW-11	MW-11	23.49'		5						X				
-009	MW-12	MW-12	29.58'	V	5						X				

	RECEIVED BY:	Date & Time		RELEASED BY:	Date & Time	SAMPLE CONDITION: (circle 1)		
1.)	Sampler:	12/18/01 1830	→			Ambient	(Refrigerated)	Frozen
2.)	RL Stevens B1013	12/19/01 10:50	→	RL Stevens B1013	12/19/01 11:50	Ambient	Refrigerated	Frozen
3.)	Andy Kr	12/19/01 1340	→			Ambient	Refrigerated	Frozen
4.)			→			Ambient	Refrigerated	Frozen
5.)			→			Ambient	Refrigerated	Frozen

NOTES:

X *If MTBE is detected by EPA Method 8020, please confirm detections by EPA Method 8260 with a minimum detection limit of 5 ug/L, and report only confirmed 8260 detections*

X *For MTBE-analyzed samples with non-detectable results (ND) but having elevated detection limits, please confirm by EPA Method #8260*

X *Please use MDL (Minimum Detection Limit) for any diluted samples.*

ADDITIONAL COMMENTS

- Please produce and e-mail an EDF of these results to tina@weber-hayes.com.