Pro Tech
CONSULTING & ENGINEERING

ENVIRONMENTAL SERVICES

TECHNICAL REPORT

FOR

GROUNDWATER MONITOR WELL INSTALLATION, DEVELOPMENT, AND SAMPLING & ANALYSIS KELLY-MOORE PAINT STORE 969 SAN PABLO AVENUE, ALBANY, CALIFORNIA

PREPARED FOR

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APRIL 1999

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EXECUTIVE SUMMARY

ProTech Consulting & Engineering (ProTech) was contracted by Kelly-Moore Paint Company (K/M) to supervise the installation of two soil borings for soil sampling and completion as groundwater monitor wells, and to collect groundwater samples from the 2 new and 2 existing groundwater monitor wells at a new store location in Albany, California (Figures 1 and 2). This scope-of-work is the second phase of work performed by ProTech and others in the investigative study being performed to determine nature and extent of contamination found during waste oil tank removal at the site in early 1990. Previous site work has included:

- the removal of a waste oil tank, and collection of soil samples for analysis from the tankpit;
- the installation of soil borings and collection of soil samples for analysis;
- the completion of the soil borings as groundwater monitor wells, and the collection of groundwater samples for analysis;
- the destruction of 1, possibly 2, groundwater monitor wells during soil removal from the former waste oil tank tankpit;
- and the removal of five hydraulic lifts and soil sampling for analysis.

This phase of work was done in response to the request (Appendix 1) by Alameda County - Health Agency (ACHA). Their request was to further address potential soil contamination in the vicinity of the former tankpit where petroleum hydrocarbon contamination and volatile organic compound (VOC) contamination were found during tank removal in 1990, and to determine groundwater quality in the vicinity of the former tankpit. ACHA also requested that the wells be surveyed and that K/M attempt to find the missing monitor well MW-2.

Monitor well MW-2 was not found after excavating the parking lot in the area where it was located to a depth of 2 feet below grade (fbg). It appears that the well was destroyed during soil removal activities, but was not reported. K/M will investigate this further during re-surfacing of the entire parking lot.

Two soil borings were installed implementing this scope-of-work. Soil samples collected from the soil borings (B5 and B6) indicate that only boring B6 (Figure 2) contained any contaminants tested for above their respective method detection limits (MDLs). Total extractable petroleum hydrocarbons (TEPH-d) was detected at 1.9 milligrams/kilogram (mg/kg) (8.0 fbg), and at 3.8 mg/kg (18.0 fbg). The TEPH-d concentrations are below regulatory action levels (<10 mg/kg) for requiring additional investigation or remediation of soil.

The soil borings were completed as groundwater monitor wells (B5 as MW-5 and B6 as MW-6). The two new monitor wells and the two existing monitor wells were surveyed for top-of-casing (TOC) elevations - feet above mean sea level (ft-AMSL) after well development. These elevations will be used to calculate groundwater elevation, and to determine groundwater flow direction and gradient. The elevations (ft-AMSL) for the monitor wells were 41.49 (MW-3), 41.15 (MW-4), 41.71 (MW-5) and 42.04 (MW-6).

Groundwater flow direction is to the southeast from monitor well MW-3 toward monitor well MW-5. The calculated gradient was 0.05. Historical flow direction has varied from north-northwest to southeast. A groundwater mound, reported by ERM in 1990, is most likely caused by failing asphalt in the parking area in the vicinity of the monitor wells. This failing asphalt allows surface water to percolate into the ground and cause a mound on top of the water table. K/M will be alleviating this condition when they re-surface the parking areas, thereby eliminating the pathway for surface water infiltration. and eliminating (possibly) sudden changes in gradient directions.

Results of groundwater sample analysis indicate that only VOCs were detected above their respective MDLs. Chloroform was detected in two wells, MW-5 and MW-6, at 0.97 μg/L and 0.78 μg/L, respectively. 1,2-dichloroethane (1,2-DCA) was detected in all four wells, ranging in concentration form 1.2 μg/L (MW-3) to 84 μg/L (MW-4). 1,1-dichloroethylene (1,1-DCE),cis-1,2-dichloroethylene (cis-1,2-DCE), and vinyl chloride were detected at 1.5 μg/L, 25 μg/L, and 3.1 μg/L, respectively, in well MW-4. Tetrachloroethylene (PCE) was detected in all four wells ranging in concentration from 1.6 μg/L (MW-5) to 18 μg/L in MW-4. Trichloroethylene (TCE) was detected in all four wells ranging in concentration from 0.8 μg/L (MW-6) to 6.5 μg/L (MW-4).

Given the results of groundwater sampling, the impact from the former waste oil tank appears to be the introduction of VOCs into the subsurface. While the source appears to have been removed when the tank was removed, residual VOC contamination is showing up in the groundwater. We concur with the recommendation of ACHA for quarterly monitoring, for at least the next two quarters with re-evaluation, including a risk assessment performed on the data, at that time. It is our recommendation that the significance of the groundwater quality data be evaluated after two additional quarters of monitoring, and that this evaluation be presented in a risk management plan if the review warrants. We further recommend that K/M request from ACHA that analysis for TPH-g, TEPH-d, BTEX, and MTBE be eliminated as they have not been detected in the two groundwater sampling events performed by ProTech.

1.0 - INTRODUCTION

1.1 - INTRODUCTION

ProTech was contracted by K/M to supervise the installation of two soil borings for completion as shallow groundwater monitor wells (approximately 20 feet below grade [fbg]) at 969 San Pablo Avenue, Albany, California (Figure 1). This phase of work is part of an on-going investigative study to determine nature and extent of soil and groundwater contamination found at the site.

1.2 - SITE BACKGROUND

The site is a former vehicle repair facility which was operated by Firestone Tire and Rubber until the early 1990 when it was sold to Super Shops, Inc. that operated it as vehicle repair and modification shop. Firestone operated a waste oil tank on the site until they removed it in May 1990 (ERM, 1990a).

Chemicals of concern: [total extractible petroleum hydrocarbons, characterized as diesel (TEPH-d); oil and grease (O&G); benzene, toluene, ethyl-benzene, and xylenes (BTEX); 1,2-dichloroethane (1,2-DCA), 1,1-dichloroethane (1,1-DCA), 1,1,1-trichloroethane (1,1,1-TCA), and tetrachloroethylene (PCE); chromium Cr), lead (Pb), and nickel (Ni)] were found during the tank removal (ERM, 1990a).

Four groundwater monitor wells (MW-1, MW-2, MW-3, and MW-4) were installed to monitor groundwater conditions. The soil samples from the boring for MW-1 contained TEPH-d in the three samples collected (Table 1) between 5.5 ft and 10.5 ft below grade (fbg). The 10.5 fbg sample also contained benzene, xylenes, 1,1-DCA, 1,2-DCA, 1,1,1-TCA, and PCE. The soil sample collected 16 fbg in the boring for MW-2 contained ethyl-benzene and xylenes. Soil samples from the other two soil borings for monitor wells MW-3 and MW-4 were below method detection limits (MDLs) for the

compounds tested for (Table 2). The groundwater sample from monitor well MW-1 contained benzene, 1,1-DCA, 1,1,1-TCA, trichloroethylene (TCE), and PCE, while the groundwater samples from MW-2 and MW-3 were below method detection limits (MDLs) for all compounds tested for. The groundwater sample from monitor well MW-4 contained TCE (ERM, 1990a). ERM reported a apparent mounding of groundwater in the vicinity of the former tankpit. They attributed this mounding to infiltration of surface water through the tankpit backfill.

Based on the results of soil sampling and groundwater results, Firestone decided to remove additional soil from the excavation in an attempt to remove the source. During this removal, monitor well MW-1 was destroyed. Results of confirmatory soil sampling indicated that TEPH-d was only detected in one of the sidewall samples (CS-3) at 8 fbg at 3.8 ppm (ERM, 1990b).

Recommendations were made to perform quarterly groundwater monitoring for one year and then to re-evaluate the site conditions (ERM, 1990b). According to County personnel (Susan Hugo)[1] this work was never done.

ProTech performed a Phase I - Environmental Site Assessment (Phase I) in April 1998 on the property for K/M prior to their purchase of the property. During this task, ProTech located two of the three remaining groundwater monitor wells (MW-3 and MW-4), while well MW-2 was not evident during site reconnaissance activities. ProTech also identified 5 hydraulic lifts (Figure 2) that were present in the garage portion of the building (ProTech, 1998a).

After review of the Phase I report, K/M instructed ProTech to develop and sample the two groundwater monitor wells (MW-3 and MW-4). In April 1998, ProTech developed the two groundwater monitor wells and collected groundwater samples for analysis for total petroleum hydrocarbons, characterized as gasoline (TPH-g), TEPH-d, TEPH, characterized as kerosene (TEPH-k), TEPH, characterized as motor oil (TEPH-mo), BTEX, O&G, and volatile organic compounds (VOCs). Results of the groundwater analyses (Figure 3) indicated that monitor well MW-3 was

[1] Personal communication with Susan Hugo, June 1998.

below MDLs for the compounds tested for, while monitor well MW-4 contained 1,1-DCA, cis-1,2-dichloroethylene (cis-1,2-DCE), and PCE (ProTech, 1998b). With the Phase I report and these groundwater results in-hand, K/M purchased the property.

In September 1998, K/M began removal of the 5 hydraulic lifts. ProTech witnessed the removal of all 5 lifts and collected soil samples from three of the pits (Pit #s 1, 4, and 5) where the rams were compromised and/or soil staining was evident. The soil samples were collected after soil was excavated to a point where contamination was no longer evident. The analyses, which were specified by ACHA, were for total extractable petroleum hydrocarbons, characterized as hydraulic oil (TEPH-ho), VOCs, and LUFT Manual metals. Results from two of the pits (Pit #s 4, and 5) were below the MDLs of the analyses or present below regulated concentrations. Results from the third pit (Pit #1) indicated that TEPH-ho was detected at 500 ppm. Additional soil was excavated from this pit (approximately 3 ft below the groundwater table) and a second soil sample was collected for analysis. Results (Figure 2) indicated that TEPH-ho was still present at 1,400 ppm (ProTech, 1998c).

Results of soil samples were collected from "likely dirty" stockpiled soil indicated that petroleum hydrocarbons (TEPH-ho) required regulated disposal. This stockpiled soil was disposed of as a Class II - designated waste at Forward Landfill. The County agreed that the "likely clean" soil, which came from the upper 3 feet of material in each pit and exhibited no evidence of contamination, could be re-used on-site as backfill above the water table. They further agreed that further assessment of the site would be through groundwater monitoring and the installation of two additional groundwater monitor wells (ProTech, 1998c).

1.3 - SITE DESCRIPTION

The site is located in Albany, at the junction of San Pablo Avenue and Buchanan Street (Figure 1). It is a commercial building that will be converted from a vehicle maintenance operation to a retail paint store. The site consists of one building that is L-shaped and parking lots both in front and behind the building (Figure 2). The existing groundwater monitor wells are located in front of the

building, along San Pablo Avenue (Figures 2 and 3).

2.0 - SCOPE-OF-WORK

2.1 - INTRODUCTION

The objective of the proposed work was to better address the contamination found during the waste oil tank removal performed in 1990. The two existing monitor wells (MW-3 and MW-4), while monitoring the shallow groundwater, appear to have been constructed in a manner that is not consistent with the type of contamination found at the site. Their screen intervals extend from 9.5 fbg to 14.5 fbg in MW-3 and from 10 fbg to 15 fbg in MW-4. This means that the screen is completely submerged and there is no room for water table fluctuation and the potential for floating petroleum hydrocarbons. The two new wells were installed so that water table fluctuation is not an on-going issue.

ProTech prepared a Workplan for this phase of work. The scope-of-work proposed was:

1. Prepare a Workplan and boring permit application;
2. Investigate the apparent destruction of monitor well MW-2;
3. Install two soil borings to a maximum depth of 25 feet below grade (fbg)
4. Collect soil samples from the soil borings at 5 foot intervals for lithologic description and possible chemical analysis;
5. Analyze selected soil samples for TPH-g, TEPH-d, BTEX, volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOCs);
6. Complete the soil borings a groundwater monitor wells (MW-5 ans MW-6);
7. Develop the two new monitor wells and purge all four monitor wells prior to sampling;
8. Collect groundwater samples for analysis for TPH-g, TEPH-d, BTEX, MTBE, VOCs, and SVOCs;
9. Survey the four groundwater monitor wells for TOC elevation; and
10. Prepare a technical report presenting the results of the work performed.

2.2 - SCOPE-OF-WORK

2.2.1 - Workplan and Permit Application Preparation

The Workplan for soil boring installation, soil sampling, groundwater monitor well installation, and groundwater sampling was prepared and submitted for ACHA review, comment, and approval on 19 February. Approval of the Workplan was received on 2 March.

The well permit application was submitted to the Alameda County Public Works Department (ACPWD) for review and approval. The signed well permit was received on 19 March.

Copies of ACHA's approval and the ACPWD drilling permit are included as Appendix 1.

2.2.2 - Missing Groundwater Monitor Well MW-2

On 20 March, K/M and ProTech attempted to find this missing monitor well. The area of the parking lot where it had been located on ERM maps and 10 feet in all directions was excavated to 2 fbg. The monitor well was not found. It appears that the monitor well was destroyed during soil removal activities, but was not reported. K/M will continue this investigation when they resurface the entire parking lot prior to store opening.

2.2.3 - Soil Borings and Monitor Well Installation

Two soil borings were drilled by HEW Drilling Company, Inc. (HEW), under contract to ProTech on 23 March. The borings were supervised and logged by Sherwood Lovejoy, Jr..

The soil borings were installed by drilling an 8.5 inch borehole using hollow-stem augers. Soil samples were collected every 5 feet for lithologic interpretation and for possible chemical analysis. A photo-ionization detector (PID) was used in the field to screen the soil samples for the presence or absence of organic vapors. Results of the PID scan are shown on the boring logs included as

Appendix 2. The soil borings were completed as groundwater monitor wells (MW-5 and MW-6). Locations of the existing and new wells are shown on Figure 3.

Cuttings from the borings were stockpiled on, and covered with plastic, in the garage, pending laboratory results and determination of appropriate handling and/or disposal.

2.2.3.1 - Soil Borings & Sampling

2.2.3.1.1 - Boring B5

Boring B5 was drilled to the south of the former waste oil tankpit to a depth of 20 fbg (Figure 3). The lithology of the borehole above groundwater was silts and sands with varying percentages of gravel, and clay, which change in color from dark brown to medium brown to grayish brown with depth. The lithology is presented graphically on the boring log for Monitor Well MW-5, which is included as Appendix 2. First water was encountered at 11 fbg. The lithology of the water bearing zone was silts and silty sands which changes in color from light brown to medium brown with depth. None of the soil samples indicated the presence of organic vapors when screened with the PID. Four soil samples were collected for possible chemical analysis from this boring. The sampling depths were 3, 8, 13, and 18 fbg.

2.2.3.1.2 - Boring B6

Boring B6 was drilled to the north of the former waste oil tankpit to a depth of 20 fbg (Figure 3). The lithology of the borehole above groundwater was sand with varying percentages of gravel, silt, and clay, which change color from dark brown to light brown with depth. The lithology is presented graphically on the boring log for Monitor Well MW-6, which is included as Appendix 2. First water was encountered at 4.8 fbg. The lithology of the water bearing zone was sand and gravel, with varying percentages of silt and clay, which change in color from medium brown to gray to light brown to medium brown with depth. None of the soil samples indicated the presence of organic vapors when screening with the PID. Four soil samples were collected for possible chemical analysis from

this boring. The sampling depths were 3, 8, 13, and 18 fbg.

2.2.3.2 - Analytical Results - Soil

A total of 8 soil samples were collected from the two soil borings (4 from each) for possible chemical analysis. The soil samples were sealed, labeled and placed on ice pending transport to ChromaLab, Inc. (ChromaLab), a California-certified laboratory for analysis. They were transported under strict Chain-of-Custody (COC) procedures (SW-846) by a ChromaLab courier. The shallowest soil sample from each boring was put on hold, while the three deeper from each boring were analyzed for TPH-g, TEPH-d, BTEX, MTBE, VOCs, and SVOCs. The results of soil sample analysis are tabulated in Table 1, and the laboratory reports and COC forms are included as Appendix 3.

2.2.3.2.1 - Boring B5

Results of analyses performed on the three samples from boring B5 indicated that no compounds tested for were detected above their individual MDLs (Table 1).

2.2.3.2.2 - Boring B6

Results of analyses performed on the three samples from boring B6 indicated that only TEPH-d was detected above its MDL of 1 mg/kg. TEPH-d was detected in the 8 fbg sample at 1.9 mg/kg, and in the 18 fbg sample at 3.8 mg/kg. The laboratory noted that the result in the 8 fbg sample did not match their diesel standard.

2.2.3.3 - Monitor Well Installation

Once drilled, the soil borings were completed as groundwater monitor wells for use in evaluating groundwater quality, and determining groundwater flow direction and gradient. Well completion details are shown on the boring logs included a Appendix 2.

2.2.3.3.1 - Monitor Well MW-5

Boring B5 was completed as groundwater monitor well MW-5. The boring was drilled to a total depth of 20 fbg. The monitor well was completed to a depth of 20 fbg. The well was built using 4-inch diameter schedule 40 PVC 0.02" slotted casing which extended from 5 fbg to 20 fbg, and 4-inch diameter solid PVC casing which extended from the surface to 5 fbg. The sand pack was #3 Monterey sand which extended from 4 fbg to 20 fbg. The bentonite plug, which was bentonite pellets, extended from 3 fbg to 4 fbg. The sanitary seal, which was neat cement, extended from the surface to 3 fbg. Well was completed at the surface with a flush-mounted, bolt-down Christy box and a locking well cap.

2.2.3.3.2 - Monitor Well MW-6

Boring B6 was completed as groundwater monitor well MW-6. The boring was drilled to a total depth of 20 fbg. The monitor well was completed to a depth of 20 fbg. The well was built using 4-inch diameter schedule 40 PVC 0.02" slotted casing which extended from 5 fbg to 20 fbg, and 4-inch diameter solid PVC casing which extended from the surface to 5 fbg. The sand pack was #3 Monterey sand which extended from 4 fbg to 20 fbg. The bentonite plug, which was bentonite pellets, extended from 3 fbg to 4 fbg. The sanitary seal, which was neat cement, extended from the surface to 3 fbg. The well was completed at the surface with a flush-mounted, bolt-down Christy box and a locking well cap.

2.2.3.4 - Well Development, Purging and Groundwater Sampling

The new monitor wells (MW-5 and MW-6) were developed by HEW 72 hours after installation to allow the well seal and bentonite plug to set. These two wells were developed, on 26 March, using surge-block and bailing techniques to clean and stabilize the well and the groundwater formation to be monitored. Development water was containerized in 55-gallon drums pending the results of

groundwater sampling.[2]

After another 72 hours, the two new wells and the two existing wells were purged, on 29 March, for sampling. The wells were purged, using a peristaltic pump, of between 1 and 4 wellbore volumes prior to sampling.[3] Wellbore volume calculations were made during the purging process. These calculations are shown on Table 3. The parameters of pH, conductivity, and temperature were measured during the purging process to ensure that the groundwater has stabilized prior to sample collection. The results of these measurements are tabulated in Table 4. **The wells were purged using a peristaltic pump because of the low permeability of the formation and the low flow seen in wells MW-3 and MW-4 in May 1998.** Purgewater was containerized in 55-gallon drums pending the results of groundwater sampling.

2.2.3.4.1 - Monitor Well MW-3

This well was not developed, only purged. At the start of purging, static depth to water (DTW) level was 5.6 fbg. The total depth (TD) of the well was 14.4 fbg. **Within an hour the well had dewatered with only 7 gallons of water being removed (1.22 wellbore volumes).** Some sediment was removed during purging and the water was clear when sampled. The groundwater recovered in the well to 7.14 fbg after 5 hours, at which time groundwater was sampled using a 3 foot, Teflon bailer. The water was collected in the bailer and transferred to the appropriate containers.

2.2.3.4.2 - Monitor Well MW-4

This well was not developed, only purged. At the start of purging, static DTW level was 7.5 fbg. The TD of the well was 14.7 fbg. **Within 50 minutes the well had dewatered with only 6.5 gallons of water being removed (1.38 wellbore volumes).** Some sediment was removed during purging and

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2 Monitor wells MW-3 and MW-4 were not developed during this scope-of-work since they were rigorously developed during the previous sampling, and there was no accumulation of sediment at the bottom of the wells.

3 The permeability of the formation is low based on the wells dewatering during the 1998 groundwater sampling of MW-3 and MW-4, and the lithology of the new monitor wells (MW-5 and MW-6).

the water was clear when sampled. The groundwater in the well recovered to 10.64 fbg after 4 hours, at which time groundwater was sampled using a 3 foot, Teflon bailer. The water was collected in the bailer and transferred to the appropriate containers.

2.2.3.4.3 - Monitor Well MW-5

This well was developed and then purged 72 hours later. At the start of purging, static DTW level was 8.14 fbg. The TD of the well was 20.08 fbg. **Within 2 hours the well had dewatered with only 25 gallons of water being removed (3.21 wellbore volumes).** Some sediment was removed during purging and the water was clear when sampled. The groundwater in the well recovered to 10.44 fbg after 4 hours, at which time groundwater was sampled using a 3 foot, Teflon bailer. The water was collected in the bailer and transferred to the appropriate containers.

2.2.3.4.4 - Monitor Well MW-6

This well was developed and then purged 72 hours later. At the start of purging, static DTW level was 7.74 fbg. The TD of the well was 19.82 fbg. **Within 2 hours the well had dewatered with approximately 28 gallons of water being removed (3.55 wellbore volumes).** Some sediment was removed during purging and the water was clear when sampled. The groundwater in the well recovered to 10.07 fbg after 3 hours, at which time groundwater was sampled using a 3 foot, Teflon bailer. The water was collected in the bailer and transferred to the appropriate containers.

2.2.3.5 - Analytical Results

The groundwater samples were collected in the appropriate containers for analysis (6-40ml VOA vials and three brown liter glass jars per well). The samples were collected, labeled, and placed on ice pending delivery to ChromaLab. They were transported to ChromaLab, under strict COC procedures, (SW-846) by a ChromaLab courier. The collected groundwater samples were analyzed for: TPH-g, TEPH-d, BTEX, MTBE, VOCs, and SVOCs. Results are tabulated on Table 2, while laboratory reports and COC forms are included in Appendix 4.

2.2.3.5.1 - Monitor Well MW-3

Results indicated that only VOCs were found in the groundwater from this well above MDLs (Table 2). 1,2-DCA was detected at 1.2 μg/L, PCE was detected at 1.7 μg/L, and TCE was detected at 1.6 μg/L.

2.2.3.5.2 - Monitor Well MW-4

Results indicated that only VOCs were found in the groundwater from this well above MDLs. 1,2-DCA was detected at 84 μg/L, 1,1-DCE was detected at 1.5μg/L, cis-1,2-DCE was detected at 25 μg/L, PCE was detected at 18 μg/L, TCE was detected at 1.6 μg/L, and vinyl chloride was detected at 3.1 μg/L.

2.2.3.5.3 - Monitor Well MW-5

Results indicated that only VOCs were found in the groundwater from this well above MDLs. Chloroform was detected at 0.97 μg/L, 1,2-DCA was detected at 5.3 μg/L, PCE was detected at 1.6 μg/L, and TCE was detected at 1.6 μg/L.

2.2.3.5.4 - Monitor Well MW-6

Results indicated that only VOCs were found in the groundwater from this well above MDLs. Chloroform was detected at 0.78 μg/L, 1,2-DCA was detected at 1.4 μg/L, PCE was detected at 6.8 μg/L, and TCE was detected at 0.8 μg/L.

2.2.3.6 - Groundwater Monitor Well TOC Elevation Survey

The two new monitor wells and the two existing monitor wells were surveyed for TOC elevations (ft-AMSL) by Ahmad Moghaddas, a registered civil engineer. The TOC elevations are for use in estimating groundwater flow direction and gradient. Elevations surveyed were: 41.49 (MW-3), 41.15

(MW-4), 41.71 (MW-5), and 42.04 (MW-6). Using this information, groundwater flow direction was determined, and gradient were calculated. Flow is to the southeast, with a gradient of 0.05.[4]

[4] Graphs of historical groundwater levels (Figure 4) and historical chemical data (Figures 5 through 8) are drawn to show trends and patterns, and they are used as a tool to explain anomalies in the data.

3.0 - OBSERVATIONS AND RECOMMENDATIONS

3.1 - OBSERVATIONS

Our observations are presented below by task. Recommendations for additional work, if necessary, follow our observations.

3.1.1 - Missing Monitor Well MW-2

This well was not found after excavating the parking lot in the area where it was located to a depth of 2 fbg. It appears that the well was destroyed during soil removal activities in this area but, was not reported. K/M will investigate further during re-surfacing of the entire parking lot.

3.1.2 - Soil

Two soil borings were installed during this scope-of-work. Soil samples collected from the soil borings (B5 and B6) indicate that only boring B6 contained any contaminants tested for above their respective MDLs. TEPH-d was detected at 1.9 mg/kg (8.0 fbg), and at 3.8 mg/kg (18.0 fbg).

The TEPH-d concentrations are below regulatory action levels for requiring additional investigation or remediation of soil.

3.1.2 - Groundwater

All four monitor wells were surveyed after development of the two new monitor wells. These elevations will be used to calculate groundwater elevation, and to determine groundwater flow direction and gradient. The elevations (ft-AMSL) for the monitor wells were 41.49 (MW-3), 41.15 (MW-4), 41.71 (MW-5) and 42.04 (MW-6) Groundwater flow direction is to the southeast from monitor well MW-3 toward monitor well MW-5. The calculated gradient was 0.05. Historical flow

direction has varied from northwest to west, to southeast. A groundwater mound was reported by ERM in 1990. This mound, if present, is most likely caused by failing asphalt in the parking area in the vicinity of the monitor wells. This failing asphalt allows surface water to percolate into the ground and cause a mound on top of the water table. This percolation creates a flushing activity whereby contaminants found in soil could be introduced into groundwater. This is not the case with regard to the TEPH-d found in soil samples from boring B6. It is more likely that the TEPH-d is bound to the soil, at low concentrations, and will not partition into groundwater in the future since it has not in the past. In any event, K/M will be alleviating this surface water percolation condition when they re-surface the parking areas, thereby eliminating the pathway for surface water infiltration.

Results of groundwater sample analysis indicate that only VOCs were detected above their respective MDLs. Chloroform was detected in two wells, MW-5 and MW-6, at 0.97 μg/L and 0.78 μg/L, respectively. 1,2-DCA was detected in all four wells, ranging in concentration form 1.2 μg/L (MW-3) to 84 μg/L (MW-4). 1,1-DCE, cis-1,2-DCE, and vinyl chloride were detected at 1.5 μg/L, 25 μg/L, and 3.1 μg/L, respectively, in well MW-4. PCE was detected in all four wells ranging in concentration from 1.6 μg/L (MW-5) to 18 μg/L in MW-4. TCE was detected in all four wells ranging in concentration from 0.8 μg/L (MW-6) to 6.5 μg/L (MW-4).

Given the results of groundwater sampling, the impact from the former waste oil tank appears to be the introduction of VOCs into the subsurface. While the source appears to have been removed when the tank was removed, residual VOC contamination is showing up in the groundwater.

3.2 - RECOMMENDATIONS

Given the results of groundwater sampling, we concur with the recommendation of ACHA for quarterly monitoring, for at least the next two quarters with re-evaluation, including a risk assessment performed on the data, at that time.

It is our recommendation that the significance of the groundwater quality data be evaluated after two

additional quarters of monitoring, and that this evaluation be presented in a risk management plan if the review warrants.

We further recommend that K/M request from ACHA that analysis for TPH-g, TEPH-d, BTEX, and MTBE be eliminated as they have not been detected in the two groundwater sampling events performed by ProTech.

This report should be sent to:

Juliet Shin, HazMat Specialist
Alameda County Health Agency - Department of Environmental Health
1131 Harbor Bay Parkway, 2nd floor
Alameda, CA 94502

4.0 - REFERENCES

California Code of Regulations, Title 8; Department of Industrial Relations - California Occupational Safety and Health Regulations (Title 8).

California Code of Regulations, Title 22: Social Security; Division 4: Environmental Health and Division 4.5: Chapter 11: Identification of Hazardous Waste; article 3: Characterization of Hazardous Waste (Title 22).

California State Water Resources Control Board, 1989, Leaking Underground Fuel Tanks Manual (LUFT Manual).

California Department of Water Resources, California Well Standards, Bulletins 74-90 and 74-81.

Code of Federal Regulations, Title 29; part 1910: Occupational Safety and Health Standards (29 CFR).

Code of Federal Regulations, Title 40; part 261; subpart B - Criteria for identifying the Characteristics of Hazardous Waste and for Listing Hazardous Waste, and subpart C - Characteristics of Hazardous Waste (40 CFR).

Division of Toxic Substances Control (DTSC), 1986, California Site Mitigation Decision Tree, Chapter 3.

Designated Level Methodology for Waste Classification and Cleanup Level Determination; California Regional Water Quality Control Board; Central Valley Region (Marshack Document) 1986.

ERM, West, Inc., 1990a, *Soil and Groundwater Investigation* at Former Firestone Tire & Rubber Company Facility, Albany, California, October 1990.

_____, 1990b, *Soil Remediation* at Former Firestone Tire & Rubber Company Facility, Albany, California, December 1990.

ProTech, 1998a, *Phase I - Environmental Site Assessment Report*, 969 San Pablo Avenue, Albany, California, April 1998.

_____, 1998b, *Letter Report - Groundwater Sampling*, 969 San Pablo Avenue, Albany, California, May 1998

_____, 1998c, *Letter Report - Hydraulic Lift Removal*, 969 San Pablo Avenue, Albany, California, December 1998

US EPA, 1996, *Test Methods for Evaluating Solid Waste*, (SW-846).

Table 1 - Analytical Results - Soil Boring Samples
Kelly-Moore Paint Company
969 San Pablo Avenue, Albany, California

Constituent / Matrix	Sample #					
	MW5-8.0	MW5-13.0	MW5-18.0	MW6-8.0	MW6-13.00	MW6-18.0
	Soil	Soil	Soil	Soil	Soil	Soil
Petroleum Hydrocarbon Analyses (mg/kg)						
TPH - g	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)
TEPH - d	ND(1)	ND(1)	ND(1)	1.9	ND(1)	3.8
Benzene	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)
Toluene	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)
Ethyl Benzene	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)
Total Xylenes	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)
MTBE	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)	ND(.005)
VOCs & SVOCs						
VOCs (µg/kg)	ND(5 - 50)	ND(5 - 50)	ND(5 - 50)	ND(5 - 50)	ND(5 - 50)	ND(5 - 50)
SVOCs (mg/kg)	ND(0.05 - 2)	ND(0.05 - 2)	ND(0.05 - 2)	ND(0.05 - 2)	ND(0.05 - 2)	ND(0.05 - 2)

Notes:
MW5-8.0 = boring #-sample depth
TPH-g = total petroleum hydrocarbons, characterized as gasoline
TEPH-d = total extractable petroleum hydrocarbons, characterized as diesel
MTBE = methyl tert-butyl ether
VOCs = volatile organics compounds
SVOCs = semi-volatile organic compounds
µG/kg = micrograms/kilogram
mg/kg = milligrams/kilogram
ND(1) = not detected (method detection limit)

Table 2 - Groundwater Elevation Measurement and Analytical Results
Kelly-Moore Paint Company
969 San Pablo Avenue, Albany, CA
ProTech Project #107-OH99

WELL #	DATE	TOC	DTW	GW-ELEV	TPH-g	TEPH-d	Ben	Tol	E-Ben	Xyl	MTBE	Chlfrm	1,2-DCA	1,1-DCE	c1,2-DCE	PCE	TCE	VC
MW-3	21-Apr-98	41.49	7.33	34.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	29-Mar-99	41.49	5.60	35.89	ND	ND	ND	ND	ND	ND	ND	ND	1.20	ND	ND	1.70	1.60	ND
MW-4	21-Apr-98	41.15	7.52	33.63	ND	ND	ND	ND	ND	ND	ND	ND	34.00	ND	5.30	3.60	ND	ND
	29-Mar-99	41.15	7.50	33.65	ND	ND	ND	ND	ND	ND	ND	ND	84.00	1.50	25.00	18.00	6.50	3.10
MW-5	29-Mar-99	41.71	8.14	33.57	ND	ND	ND	ND	ND	ND	ND	0.97	5.30	ND	ND	1.60	1.60	ND
MW-6	29-Mar-99	42.04	7.74	34.30	ND	ND	ND	ND	ND	ND	ND	0.78	1.40	ND	ND	6.80	0.80	ND
Calif. MCLs = (ppb)													0.5	6	6	5	5	0.5

Notes:
TOC = top of casing elevation (ft above mean sea level - [ft-amsl])
DTW = depth to water (ft below TOC)
GW-ELEV = groundwater elevation (ft-amsl)
All results reported in parts-per-billion (ppb)
TPH-g = total petroleum hydrocarbons, as gasoline (MDL-50 ppb)
TEPH-d = total extractible petroleum hydrocarbons, as diesel (MDL-50 ppb)
Ben = benzene (MDL-0.5 ppb)
Tol = toluene (MDL-0.5 ppb)
E-Ben = ethyl-benzene (MDL-0.5 ppb)
Xyl = xylenes (o, m, p) (MDL-0.5 ppb)
MTBE = methyl tert butyl ether (MDL-5 ppb)
Chlfrm = Chloroform (MDL-0.5 ppb)
1,2-DCA = 1,2-dichloroethane (MDL-0.5 ppb)
1,1-DCE = 1,1-dichloroethylene (MDL-0.5 ppb)
c1,2-DCE = cis 1,2-dichloroethylene (MDL-0.5 ppb)
PCE = tetrachloroethylene (MDL-0.5 ppb)
TCE = trichloroethylene (MDL-0.5 ppb)
VC = vinyl chloride (MDL-0.5 ppb)
NA = not analyzed for
ND = not detected above method detection limit

Table 3 - Wellbore Volume Calculations
Kelly-Moore Paint company
969 San Pablo Avenue, Albany, CA
ProTech Project #107-OH99
Sampling Date: 3/29/99

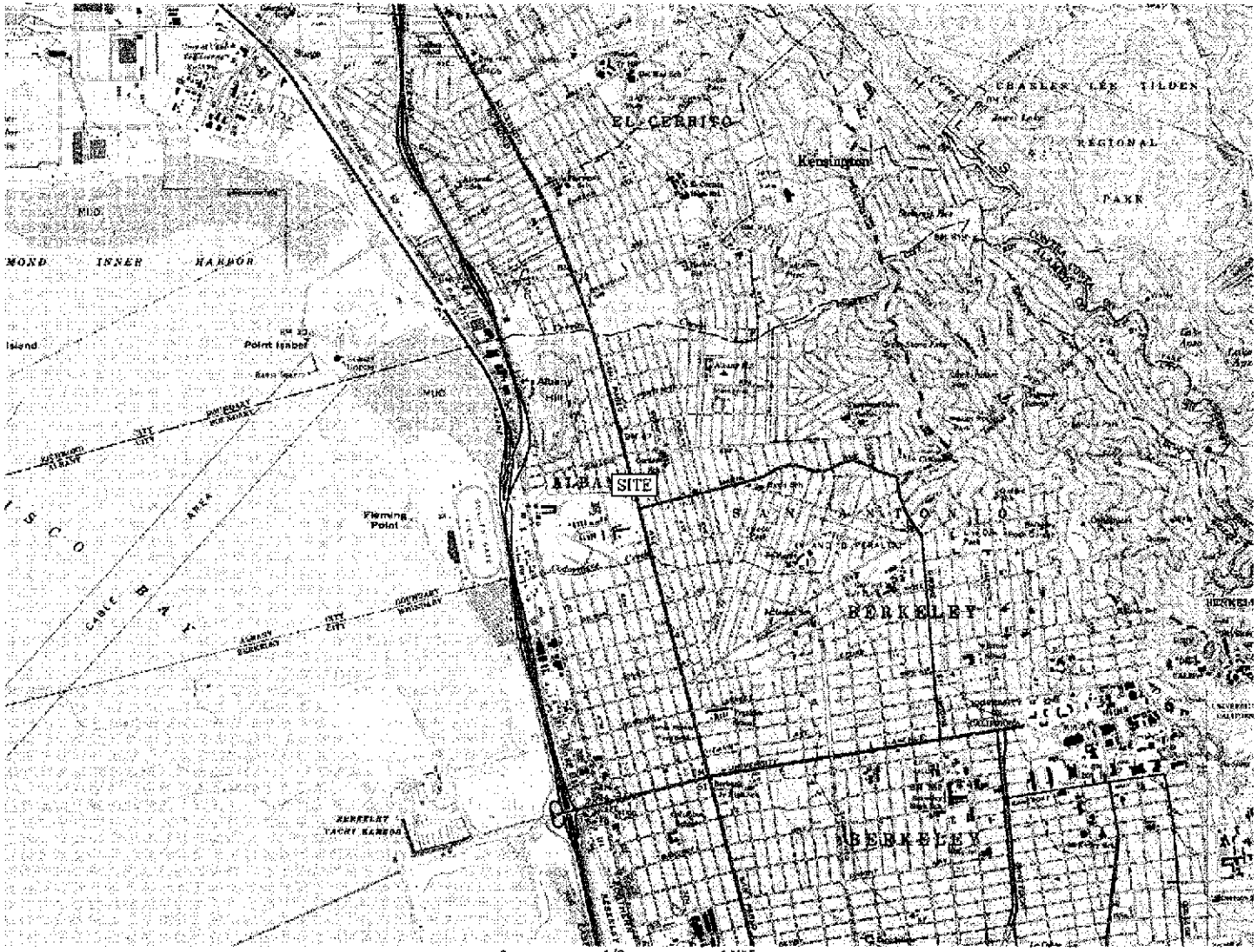
Well #	DTW	TD	ΔH	Well R	Well R^2	WV (ft^3)	WV (gal)	VR (g)	TWV
MW-3	5.6	14.4	8.8	0.17	0.03	0.77	5.74	7.00	1.22
MW-4	7.5	14.7	7.2	0.17	0.03	0.63	4.70	6.50	1.38
MW-5	8.14	20.08	11.94	0.17	0.03	1.04	7.79	25.00	3.21
MW-6	7.74	19.82	12.08	0.17	0.03	1.05	7.88	28.00	3.55

Notes: Wellbore volume formula used - ΠR^2H; where H is ΔH
DTW = depth-to water (ft below grade)
TD = total depth of well
ΔH = water column thickness (ft)
Well R = well radius (ft)
Well R^2 = well radius squared (ft^2)
WV (ft^3) = wellbore volume (ft^3)
WV (gal) = wellbore volume (gallons); where 1 ft^3 = 7.48 gallons
VR (gal) = volume removed during purging (gallons)
TWV = total wellbore volumes removed during purging

Table 4 - Parameter Testing Results
Kelly-Moore Paint company
969 San Pablo Avenue, Albany, CA
ProTech Project #107-OH99
Sampling Date: 3/29/99

Well #	Interval	~Gals	pH	Cond	Temp
MW-3	Start	0	6.97	1.32	58.40
	Middle	5	6.95	1.33	57.40
	End	7	6.81	1.34	58.00
MW-4	Start	0	6.40	1.35	58.40
	Middle	5	6.41	1.34	59.40
	End	6	6.38	1.34	60.00
MW-5	Start	0	6.89	1.38	62.50
	Middle	8	6.90	1.30	66.00
	Middle	15	6.70	1.39	66.40
	End	25	6.75	1.38	66.70
MW-4	Start	0	7.24	1.19	66.40
	Middle	8	7.32	1.30	63.80
	Middle	17	7.31	1.27	63.20
	End	28	7.36	1.26	63.60

Notes: ~Gals = approximate gallons removed at time of measurement
pH in standard units
Cond = Conductivity (µmho/cm)
Temp = temperature (º F)



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ProTech Consulting & Engineering

Job No.	990103
Date	23 April 1999
Drawn by	WL
Rev	WL
Apprvd	WL

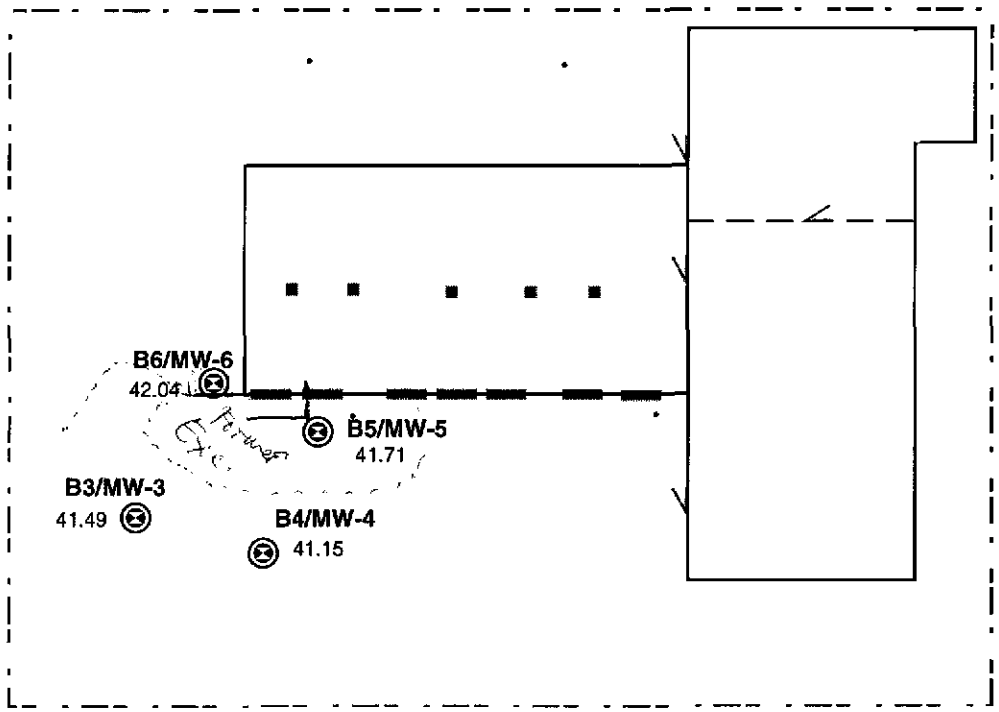
Project

Site Location Map
Groundwater Sampling Program
Kelly-Moore Paint Company
969 San Pablo Avenue, Albany, CA

N

Figure

1



San Pablo Avenue

Legend

- Property Boundary
- B3/MW-3 41.49 — Boring/Groundwater Monitoring Well ID# w/TOC elevation (ft-AMSL)
- Doorway
- Sewer Cleanout
- Garage Doors
- Hydraulic Lifts

44 (x) = 20.4

$\frac{X}{8} = .32$

Approx scale

0 44

(feet)

ProTech Consulting & Engineering

Job No.	990103
Date	23 April 1999
Drawn by	WL
Rev WL	Apprvd WL

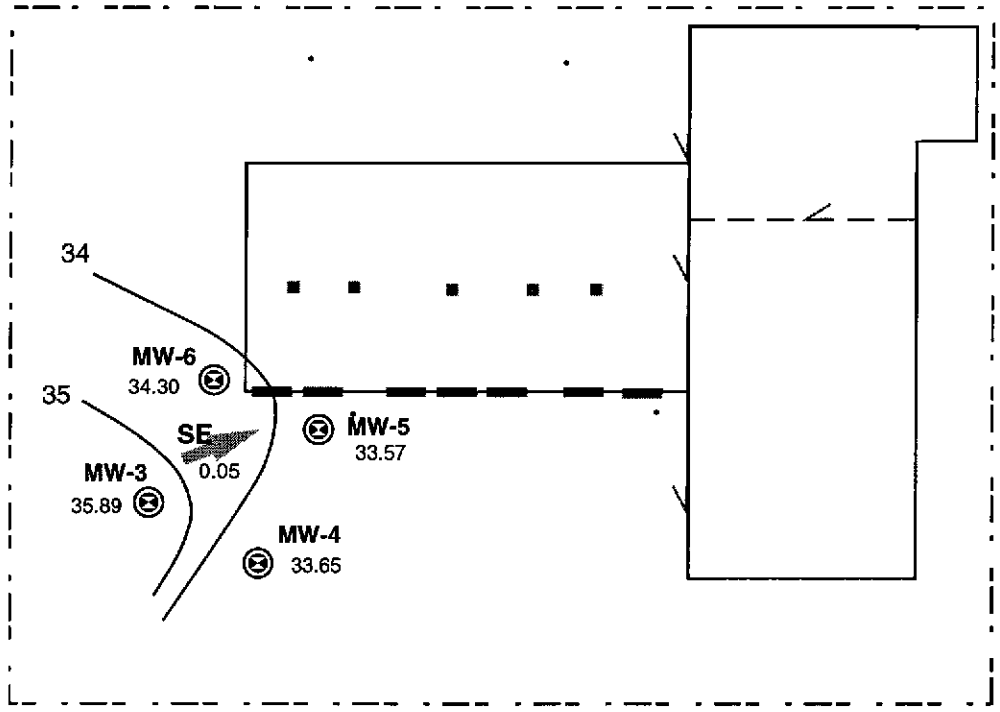
Project

Site Plan w/ Well Locations
Groundwater Sampling Program
Kelly-Moore Paint Company
969 San Pablo Avenue, Albany, California

N

Figure

2



Legend

- Property Boundary
- MW-3 35.89 — Groundwater Monitoring Well w/groundwater elevation (ft-AMSL)
- Doorway
- Sewer Cleanout
- Garage Doors
- Former Hydraulic Lifts
- SE 0.05 — Estimated Groundwater Flow Direction & calculated gradient
- 34 — Groundwater contour Line w/elevation (ft-AMSL)

Approx scale

0 44

(feet)

ProTech Consulting & Engineering

Job No.	990103
Date	23 April 1999
Drawn by	WL
Rev	WL
Apprvd	WL

Project

Site Plan w/ Groundwater Elevations

Groundwater Sampling Program

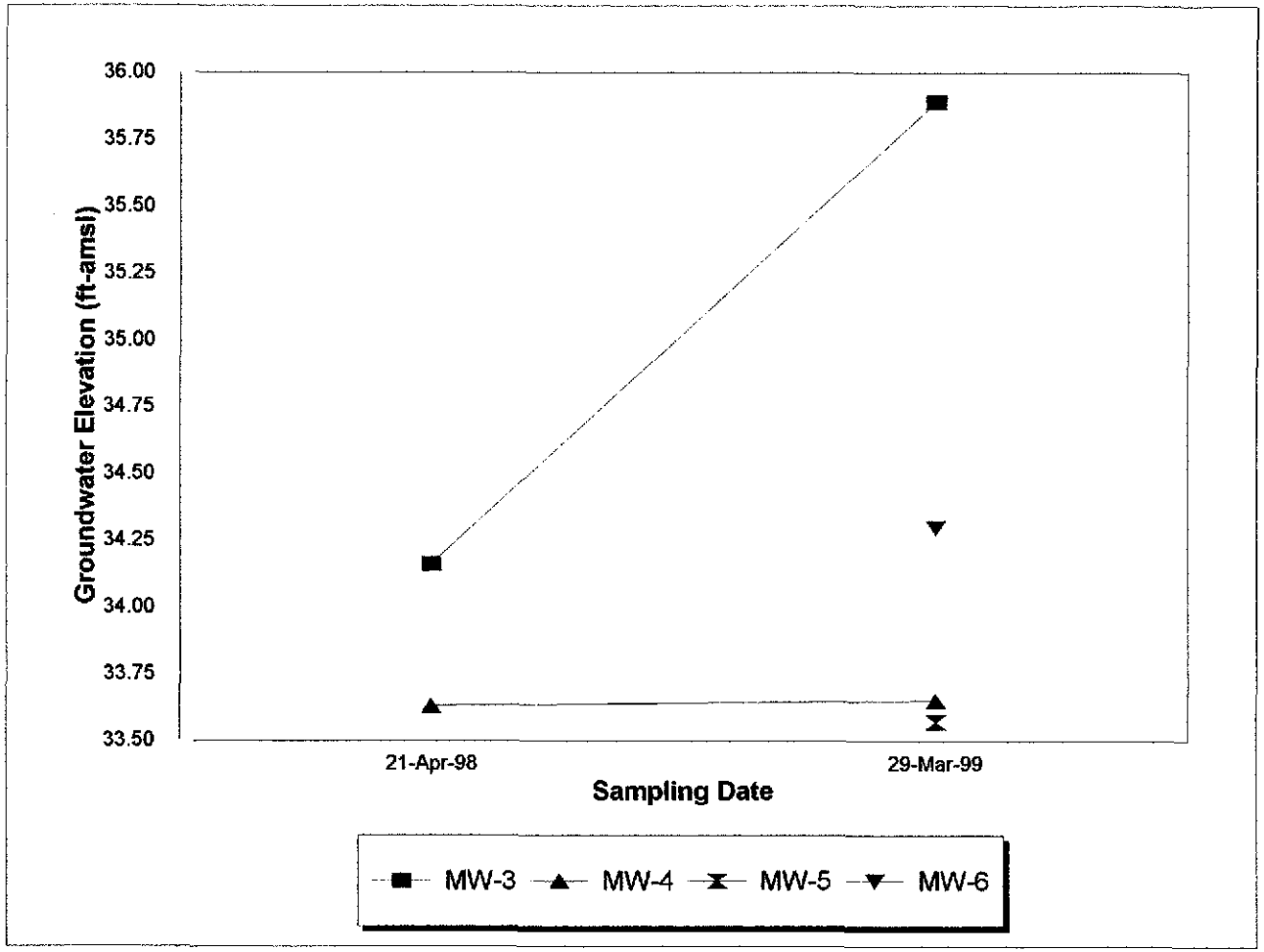
Kelly-Moore Paint Company

969 San Pablo Avenue, Albany, California

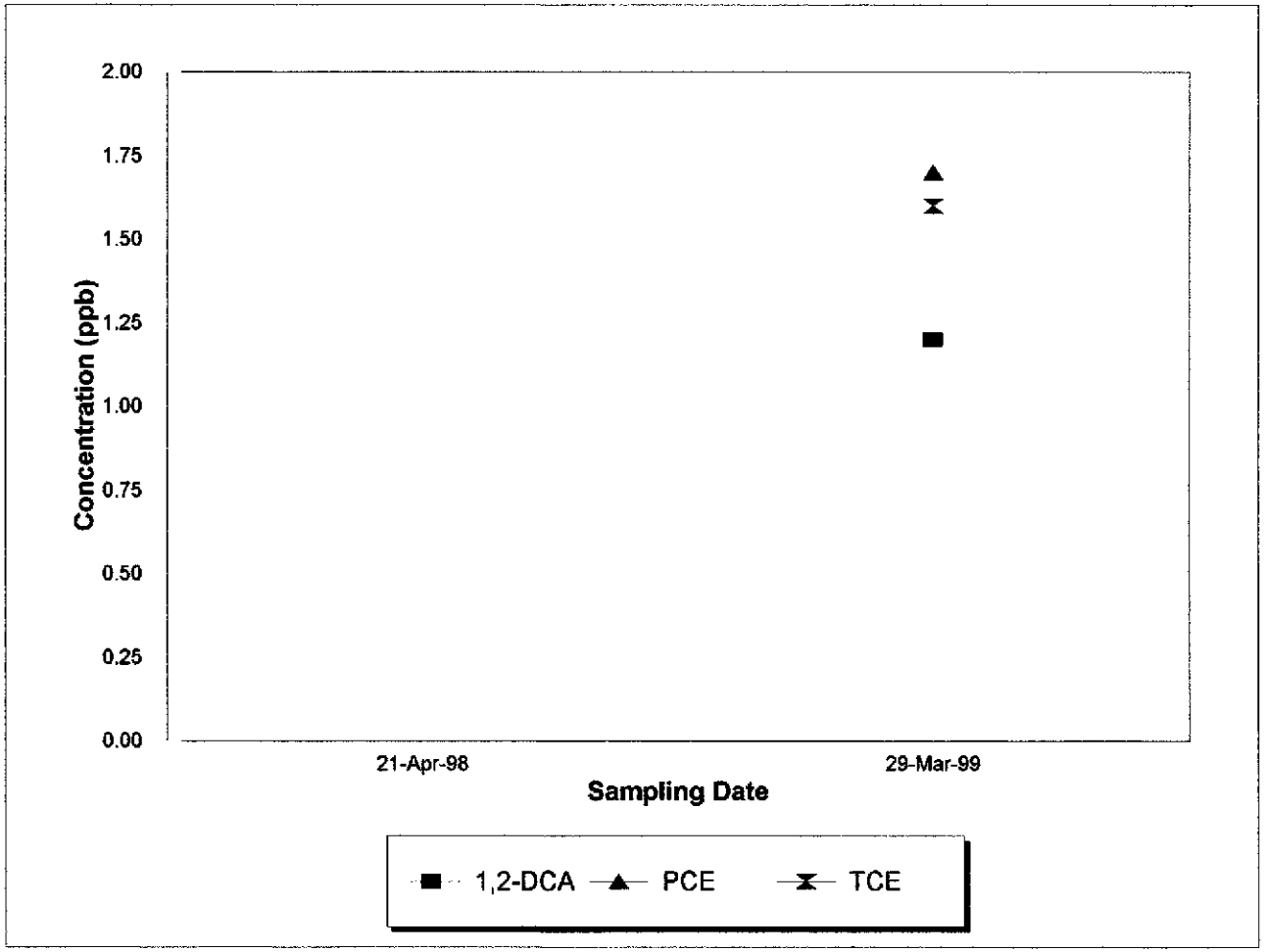
N

Figure

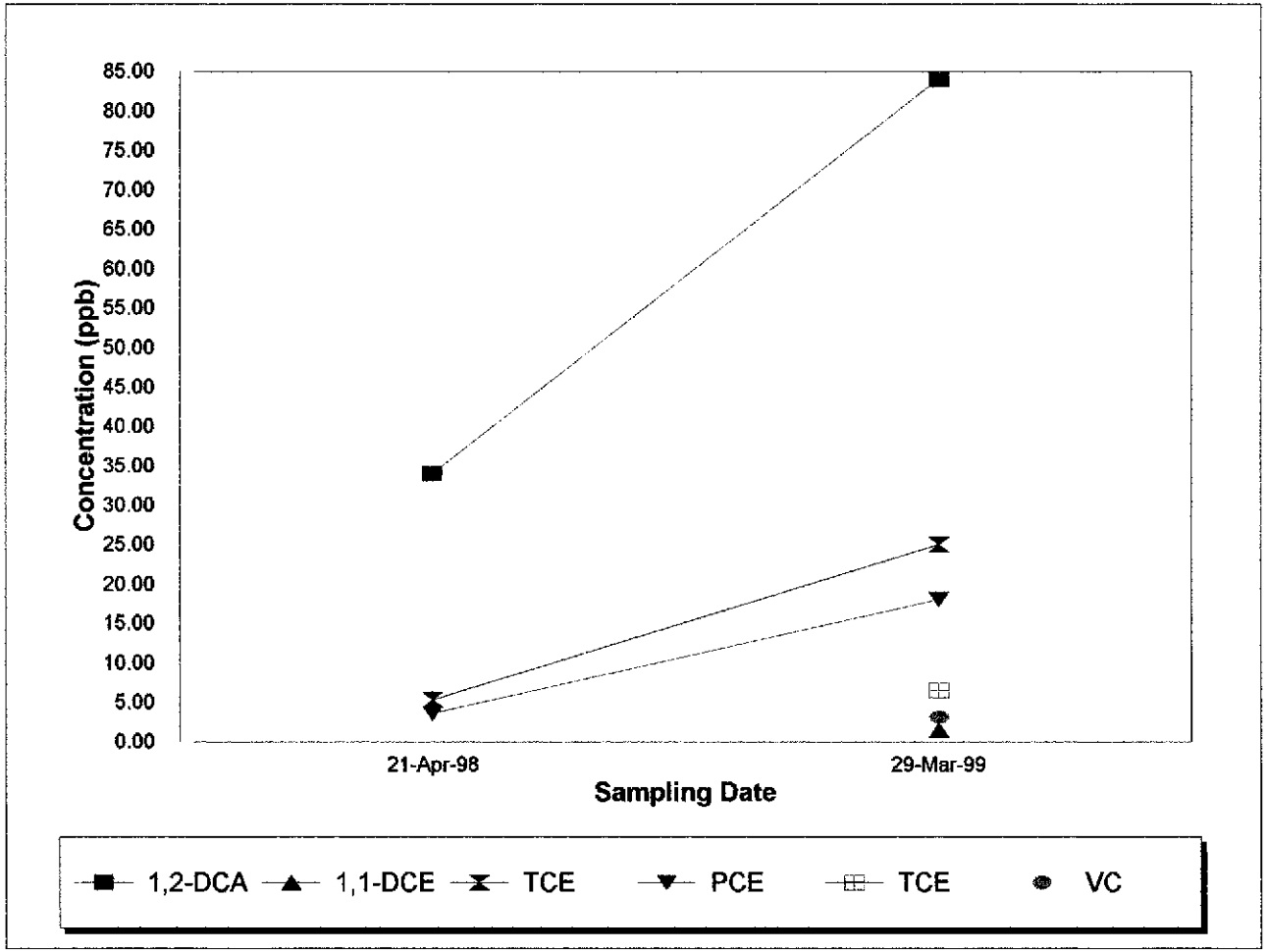
3



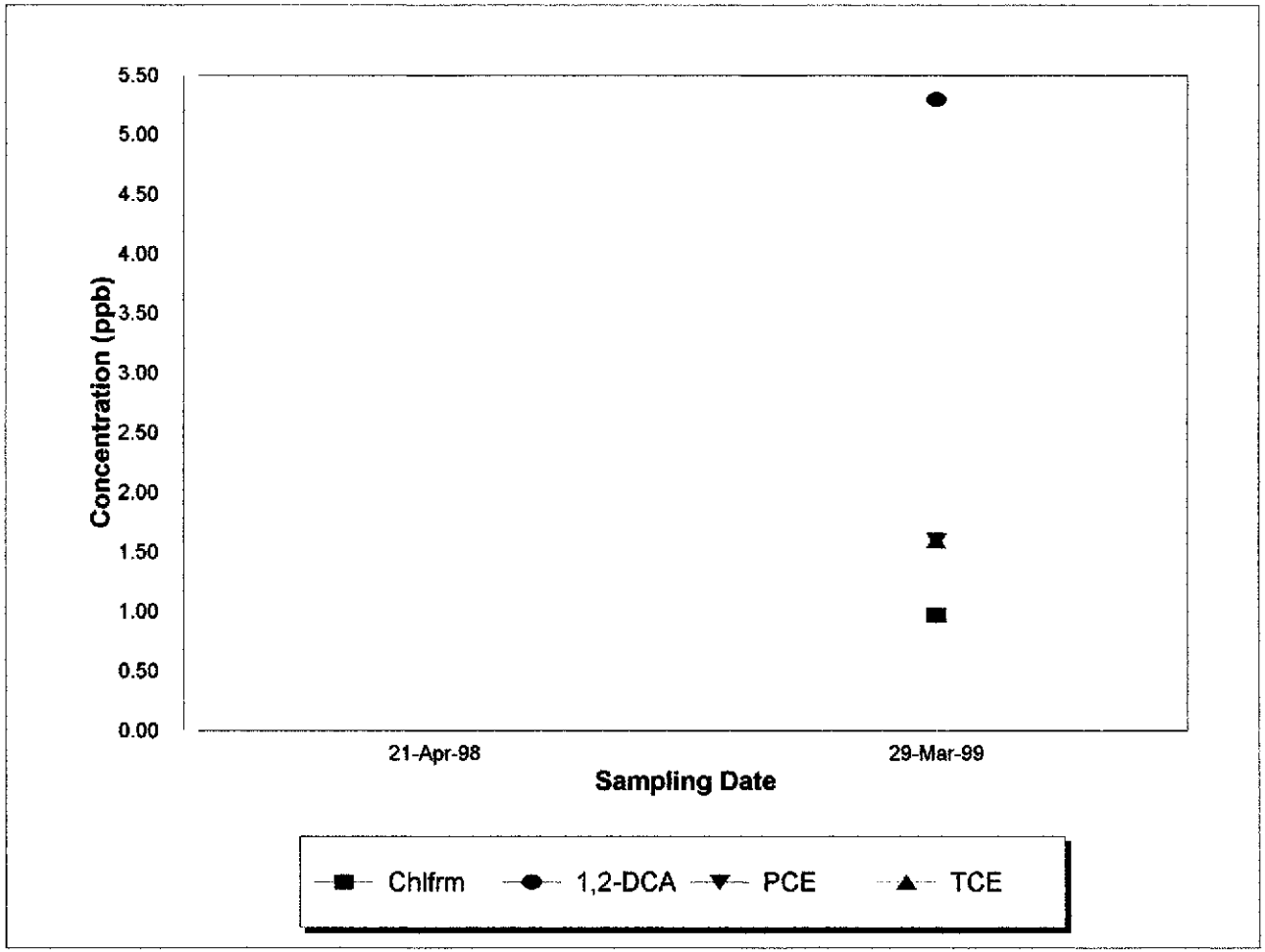
ProTech Consulting & Engineering	Job No. 990103 Date 23 April 1999 Drawn by WL Rev WL Apprvd WL	Project **Historic Groundwater Elevations** Groundwater Sampling Program Kelly-Moore Paint Company 969 San Pablo Avenue, Albany, California		Figure **4**



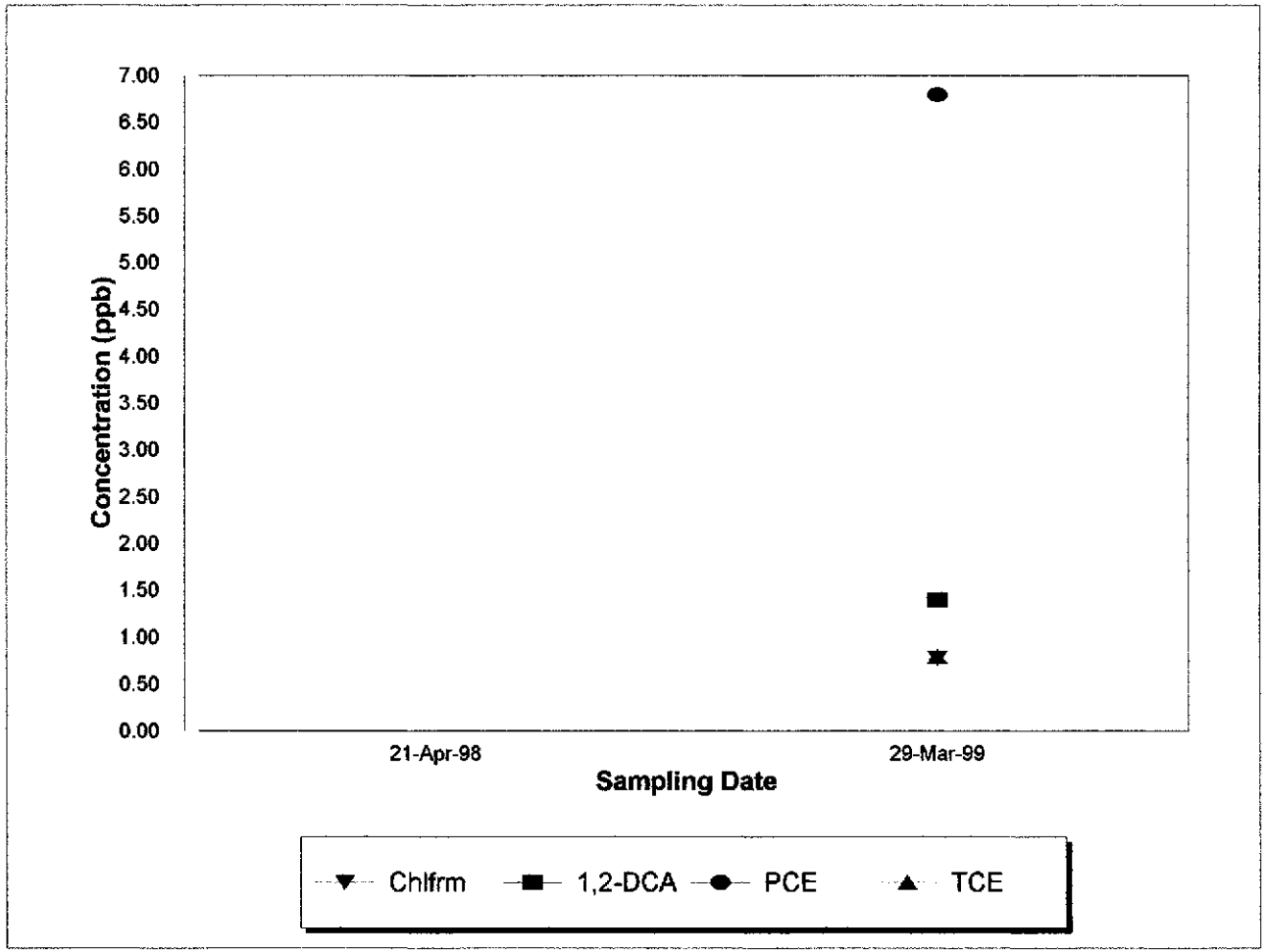
ProTech Consulting & Engineering	Job No. 990103 Date 23 April 1999 Drawn by WL Rev WL Apprvd WL	Project **Historic VOC Results - MW-3** Groundwater Sampling Program Kelly-Moore Paint Company 969 San Pablo Avenue, Albany, California		Figure **5**



ProTech Consulting & Engineering	Job No. 990103 Date 23 April 1999 Drawn by WL Rev WL Apprvd WL	Project **Historic VOC Results - MW-4** Groundwater Sampling Program Kelly-Moore Paint Company 969 San Pablo Avenue, Albany, California		Figure **6**



ProTech Consulting & Engineering	Job No. 990103 Date 23 April 1999 Drawn by WL Rev WL Apprvd WL	Project **Historic VOC Results - MW-5** Groundwater Sampling Program Kelly-Moore Paint Company 969 San Pablo Avenue, Albany, California		Figure **7**



ProTech Consulting & Engineering	Job No. 990103 Date 23 April 1999 Drawn by WL Rev WL Apprvd WL	**Historic VOC Results - MW-6** Groundwater Sampling Program Kelly-Moore Paint Company 969 San Pablo Avenue, Albany, California	Project	Figure **8**

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700

March 02, 1999

Bill Berry
Kelly-Moore Paint Co. Inc.
987 Commercial St.
San Carlos, CA 94070

STID: 1272
Re: Workplan for Investigations at 969 San Pablo Avenue, Albany, CA

Dear Mr. Berry,

This office has reviewed ProTech Consulting and Engineering's workplan, dated February 1999, proposing additional soil and groundwater investigations at the above site. This workplan is acceptable with the following additional requirements and reminders:

- The existing well, MW-2, must be located. If this well has been damaged, it must be destroyed properly under permit from the Alameda County Flood Control District. If this well is damaged and not closed properly, it may act as a conduit for future infiltration of oily surface water runoff into the groundwater.
- The two new wells, as well as Wells MW-3 and MW-4, must be surveyed to Mean Sea Level, and not an arbitrary benchmark. The surveys must be conducted to an accuracy of 0.01 foot.
- All four wells must be monitored for two quarters. Although Wells MW-3 and MW-4 were screened 2- to 4-feet below the water table during the last sampling event, these wells should continue to be monitored for VOCs because VOCs tend to sink in water. Based on the results of the two quarters of monitoring, this office will determine whether further monitoring or delineation of the contaminant plume is required, or whether the site can obtain closure. If the VOC concentrations remain at the same levels as observed in the last sampling event and do not appear to be impacting any sensitive receptors, such as surface waters or wells, then a Risk Management Plan filed with the property deed may be sufficient to close the site.
- The October 1990 Soil and Groundwater Investigation report states that there appeared to be a slight mounding of groundwater under the northwest corner of the on-site building, and it attributed this mounding to the infiltration of surface water into this area. Surface water infiltration must be restricted in the area of contaminated soil in order to prevent future leaching of contaminants into groundwater. During the field work, a close inspection should be done of the area to confirm whether there is significant surface water infiltration in the area of the former tank.

The workplan should be implemented within 45 days of the date of this letter (i.e., by April 13, 1999). A report documenting the work shall be submitted to this office within 45 days after completing field activities. Any requests for modifications of the work or extensions for the due dates shall be submitted to this office in writing.

Thank you for your cooperation. If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,

Juliet Shin
Hazardous Materials Specialist

Cc: Sherwood Lovejoy, Jr.
ProTech Consulting and Engineering
1755 East Bayshore Road, #14B
Redwood City, CA 94063

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
951 TURNER COURT, SUITE 300, HAYWARD, CA 94545-2651
PHONE (510) 670-5575 ANDREAS GODFREY FAX (510) 670-5262
(510) 670-5248 ALVIN KAN

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 969 San Pablo Ave Albany CA

California Coordinates Source ___ ft. Accuracy ± ___ ft.
CCN ___ ft. CCE ___ ft.
APN ___

CLIENT
Name Kelly-Moore Paint Company
Address 987 Commercial Street Phone ___
City San Carlos CA Zip 94070

APPLICANT
Name Pro Tech Consulting & Engineering
1955 E. Bay Shore Rd, Ste 148 Fax ___
Address Phone ___
City Redwood City CA Zip 94063

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	☐
Monitoring	X	Well Destruction	☐

PROPOSED WATER SUPPLY WELL USE

New Domestic	☐	Replacement Domestic	☐
Municipal	☐	Irrigation	☐
Industrial	☐	Other ___	☐

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Auger	X
Cable	☐	Other	☐		

DRILLER'S LICENSE NO. 384167 - C57
HEW Drilling Co.

WELL PROJECTS
Drill Hole Diameter 8½ in. Maximum
Casing Diameter 4 in. Depth 20 ft.
Surface Seal Depth 3 ft. Number 2 wells

GEOTECHNICAL PROJECTS
Number of Borings ___ Maximum
Hole Diameter ___ in. Depth ___ ft.

ESTIMATED STARTING DATE 23 March 1999
ESTIMATED COMPLETION DATE 23 March 1999

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68

APPLICANT'S SIGNATURE [signature] DATE ___

FOR OFFICE USE

PERMIT NUMBER 99 WR 109
WELL NUMBER ___
APN ___

PERMIT CONDITIONS

Circled Permit Requirements Apply

(A.) GENERAL
(1.) A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
(2.) Submit to ACPWA within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
(3.) Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

(C.) GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
(1.) Minimum surface seal thickness is two inches of cement grout placed by tremie.
(2.) Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

D. GEOTECHNICAL
Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

E. CATHODIC
Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION
See attached.

G. SPECIAL CONDITIONS

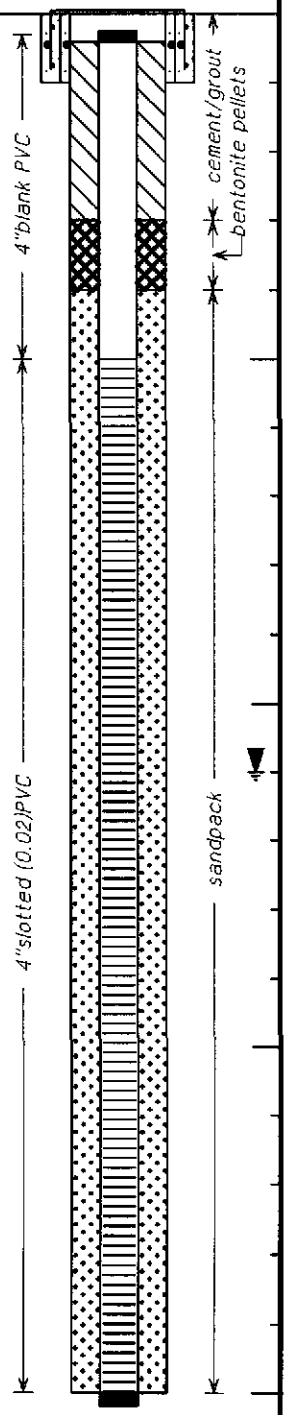
APPROVED Andreas Godfrey DATE 3/19/99

PROTECH CONSULTING & ENGINEERING
Environmental Consulting & Program Management

LOG OF MONITORING WELL MW-5

BLOWS/6"	PID (ppm)	SAMP.NO.	DEPTH (ft)	SAMPLES	SYMBOLS	MATERIALS DESCRIPTION
						Concrete
						Base Rock - Fill
						Dark Brown Sandy Silt (ML), from cuttings (<5% sand)
5	ND					Medium Brown Sandy Silt (ML), gravel pieces to 1/8 inch
9	ND	MW5-3				
10	ND					same as above, gravel pieces to 1/4 inch, black striations
			5			
5	ND					Grayish Brown Silty Sand (SM), fine, stiff, moist, gravel pieces to 1/4 inch, moderately plastic
9	ND	MW5-8				
14	ND					
			10			
6	ND					Light Brown Sandy Silt (ML), moist, sand to 10%, moderately plastic
6	ND	MW5-13				
8	ND					
			15			
7	ND					Light to Medium Brown Gravelly Sand (SP), wet, pieces to 1/4 inch
18	ND	MW5-18				
17	ND					Medium Brown Sandy Silt (ML), moist, sand to 10%, from cuttings
			20			Total Depth of Boring (20.0 feet)

WELL DIAGRAM



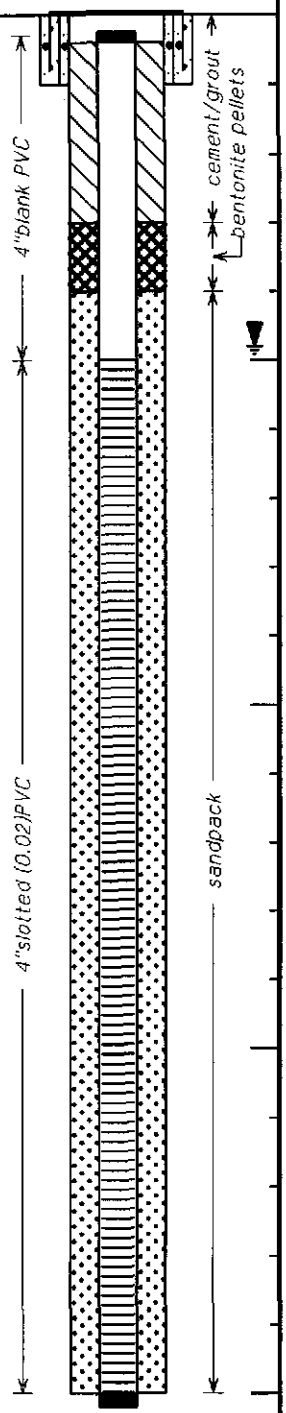
PROJECT Kelly/Moore Paint Company	DRILLING COMPANY HEW Drilling Company, Inc.
LOCATION 969 San Pablo Avenue, Albany, CA	DATE DRILLED 3/23/99
JOB NUMBER 107-0H99	SURFACE ELEVATION 41.71 Ft. AMSL
GEOLOGIST Sherwood Lovejoy, Jr.	TOTAL DEPTH OF HOLE 20.0 Feet
DRILL RIG 8.5 in. Hollow Stem Auger	WATER LEVEL 11 Feet

PROTECH CONSULTING & ENGINEERING
Environmental Consulting & Program Management

LOG OF MONITORING WELL MW-6

BLOWS/6"	PID (ppm)	SAMP.NO.	DEPTH (ft)	SAMPLES	SYMBOLS	MATERIALS DESCRIPTION
						Concrete
						Base Rock - Fill
						Dark Brown Sand (SM), from cuttings (10% silt)
15	ND					Light Brown Sand (SM), 10% silt, very hard, stiff, gravel to 1/8 inch
33	ND	MW6-3				
39	ND					
			5			Medium Brown Silty Sand (SC), 20% silt, dry
3	ND					
4	ND	MW6-8				Medium Brown Silty Sand (SC), moist, 20% silt, gravel to 1/8 inch
5	ND					
			10			
3	ND					Brownish Gray Fine Sand (SP), moist, <5% silt
6	ND	MW6-13				
8	ND					
			15			Medium Brown Silty Sand (SC), moist, 20% silt, gravel to 1/8 inch
12	ND					
10	ND	MW6-18				Light Brown Sandy Gravel (SP), wet, <5% silt, gravel to 1/4 inch
9	ND					Medium Brown Silty Sand (SM), moist, 20% silt
			20			Total Depth of Boring (20.0 feet)

WELL DIAGRAM



PROJECT	Kelly/Moore Paint Company	**DRILLING COMPANY**	HEW Drilling Company, Inc.
LOCATION	969 San Pablo Avenue, Albany, CA	**DATE DRILLED**	3/23/99
JOB NUMBER	107-0H99	**SURFACE ELEVATION**	42.04 Ft. AMSL
GEOLOGIST	Sherwood Lovejoy, Jr.	**TOTAL DEPTH OF HOLE**	20.0 Feet
DRILL RIG	8.5 in. Hollow Stem Auger	**WATER LEVEL**	4.8 Feet

UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D-2487)

PRIMARY DIVISIONS			GROUP SYMBOL	SECONDARY DIVISIONS
COARSE GRAINED SOILS MORE THAN ONE HALF OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVELS MORE THAN HALF OF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE	CLEAN GRAVELS (LESS THAN 5% FINES	GW	Well graded gravels, gravel-sand mixtures, little or no fines
			GP	Poorly graded gravels, or gravel-sand mixtures, little or no fines
		GRAVEL WITH FINES	GM	Silty gravels, gravel-sand mixtures, non-plastic fines
			GC	Clayey gravels, gravel-sand-clay mixtures, plastic fines
	SANDS MORE THAN HALF OF COARSE FRACTION IS SMALLER THAN NO.4 SIEVE	CLEAN SANDS (LESS THAN 5% FINES)	SW	Well graded sands, gravelly sands, little or no fines
			SP	Poorly graded sands, or gravelly sands, little or no fines
		SANDS WITH FINES	SM	Silty sands, sand-silt mixtures, non-plastic fines
			SC	Clayey sands, sand-clay mixtures, plastic fines
FINE GRAINED SOILS MORE THAN HALF OF THE MATERIAL IS SMALLER THAN NO. 200 SIEVE	SILTS AND CLAYS LIQUID LIMIT IS LESS THAN 50%		ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
			OL	Organic silts and organic silty clays of low plasticity
	SILTS AND CLAYS LIQUID LIMIT IS GREATER THAN 50%		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
			CH	Inorganic clays of high plasticity, fat clays
			OH	Organic clays of medium to high plasticity, organic silts
HIGHLY ORGANIC SOILS			Pt	Peat and other highly organic soils

U.S. STANDARD SERIES SIEVE				CLEAR SQUARE SIEVE OPENINGS			
200	40	10	4	3/4	3"	12"	
SILTS AND CLAYS	SAND			GRAVEL		COBBLES	BOULDERS
	FINE	MEDIUM	COARSE	FINE	COARSE		

GRAIN SIZES

SILTS AND CLAYS

CONSISTENCY	STRENGTH[1]	BLOWS/FOOT[2]
SOFT	1 - 0.5	0 - 4
MEDIUM STIFF	0.5 - 1	4 - 8
STIFF	1 - 2	8 - 16
VERY STIFF	2 - 4	16 - 32
HARD	OVER 4	OVER 32

SANDS AND GRAVELS

RELATIVE DENSITY	BLOWS/FOOT[2]
VERY LOOSE	0 - 4
LOOSE	4 - 10
MEDIUM DENSE	10 - 30
DENSE	30 - 50
VERY DENSE	OVER 50

[1] Unconfined compressive strength in tons/sq. ft. as determined by laboratory testing or approximated by the standard penetration test (ASTM D-1586), pocket penetrometer, torvane or visual observation.

[2] Number of blows of 140 pound hammer falling 30 inches to drive a 2-inch O.D. (1 3/8-inch I.D.) Split spoon (ASTM D-1586).

Project Number: 107-OH99

Location: Kelly Moore Paint, 969 San Pablo Avenue, Albany, CA

FIGURE A3

ProTech Consulting & Engineering

Environmental Resources Management

Drilling Log

Project: Albany II — Owner:

Location: Albany, Ca. — N.O. Number: 1135

Well Number: MW-3 — Total Depth: 16½' — Diameter: 10"

Surface Elevation: — Water Level: Initial: 9.96' — 24-hrs.:

Screen Dia.: 4" — Length: 5' — Slot Size: 0.01"

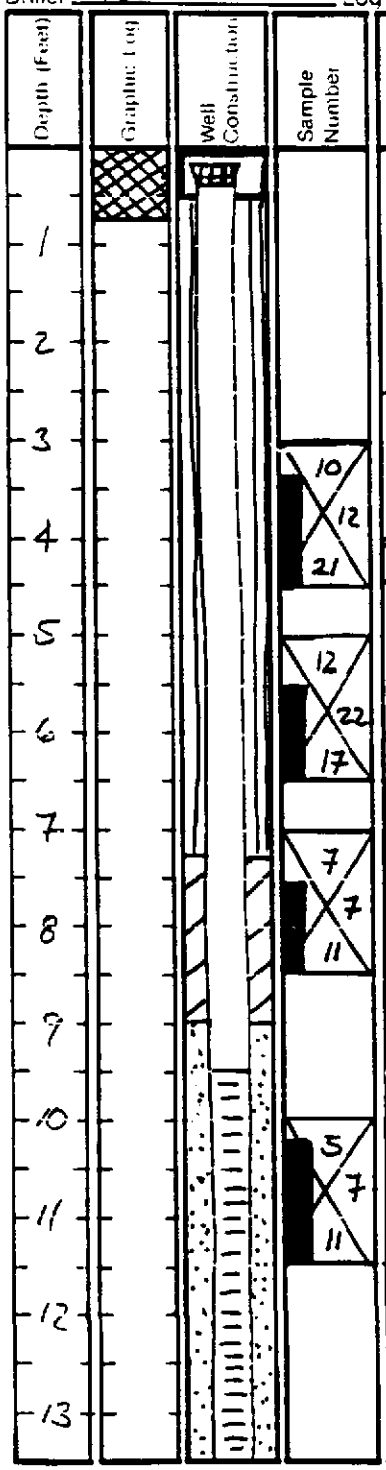
Casing: Dia.: 4" — Length: 9½' — Type: Sch 40 PVC

Drilling Company: Spectrum — Drilling Method: HSA

Driller: Ted — Log By: JRP — Date Drilled: 9/21/90

Sketch Map

Notes



Description/Soil Classification
(Color, Texture, Structures)

1255 start

Surface ~ 9" of asphaltic concrete cuttings - brown, moist clay Topsoil becomes - tan, damp

Weathered Franciscan Silts & Sands

5 PID

B-3-1 Tan; damp, silty, pebbly clay

4 PID

B-3-2 Tan; damp; silty; pebbly clay

2 PID

B-3-3 Tan; damp; silty; pebbly clay

Tan; moist; clayey coarse-gr. sand

2 PID

B-3-4 Lt. Tan; moist; clayey; sandy silt

Environmental Resources Management

Drilling Log

Project: Albany II — Owner:

Location: Albany, Ca. — W.O. Number: 1135

Well Number: MW-3 — Total Depth: — Diameter:

Surface Elevation: — Water Level: Initial: — 24-hrs.:

Screen Dia.: — Length: — Slot Size:

Casing Dia.: — Length: — Type:

Drilling Company: — Drilling Method:

Driller: — Log By: JRP — Date Drilled: 9/21/90

Sketch Map

Notes

Depth (Feet)	Graphic Log	Well Construction	Sample Number	Description/Soil Classification (Color, Texture, Structures)
14				
15		Slough	4	
16			12	2 PID } B-3-5
17			13	Lt. Tan, moist clayey, silty med.-um-gr sand

Stopped @ 16½'

:sources Management

Drilling Log

ay II ______ Owner ______

any, Ca. ______ W.O. Number 1135

-4 ______ Total Depth 16 1/2' ______ Diameter 10"

______ Water Level Initial 10.42' 24-hrs. ______

" ______ Length 5' ______ Slot Size 0.01"

' ______ Length 10' ______ Type Sch 40 PVC

Spectrum ______ Drilling Method HSA

______ Log By JRP ______ Date Drilled 9/21/90

Sketch Map

Notes

Well Construction	Sample Number	Description/Soil Classification (Color, Texture, Structures)
		1415 start
		Surface ~ 3" of asphaltic concrete cuttings - brown, moist silty clay Topsoil becomes tan silty clay
		Weathered Franciscan Silts + Sands
	10 / 14 / 25	56 PID B-4-1 Tan, damp, silty, pebbly clay
	14 / 21 / 21	6 PID B-4-2 Lt. Tan, damp-moist silt
	7 / 21 / 23	7 PID B-4-3 Tan, damp-moist, silty, pebbly clay, Lt. Tan, damp-moist silt
	7 / 14 / 19	2 PID B-4-4 Tan, silty, pebbly clay (damp-moist)

Environmental Resources Management

Drilling Lo

Project Albany II Owner

Location Albany, Ca. W.O. Number 1135

Well Number MW-4 Total Depth Diameter

Surface Elevation Water Level: Initial 24-hrs.

Screen: Dia. Length Slot Size

Casing: Dia. Length Type

Drilling Company Drilling Method

Driller Log By JRP Date Drilled 9/21/90

Sketch Map

Notes

Depth (Feet)	Graphic Log	Well Construction	Sample Number	Description/Soil Classification (Color, Texture, Structures)
14				
15			6	
16		Slough	10	3 PID } B-4-5 Lt. Tan, mostly silty, fine-gr. Sandy Cl
17			14	Stopped @ 16½'

CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999 *Submission #:* 9903328

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: 6 samples for TPH - Diesel analysis.
Method: *EPA 8015M*

Matrix: SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18016 *Analyzed:* March 25, 1999

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
233739	MW5-8.0	N.D.	1.0	N.D.	88.1	1
233740	MW5-13.0	N.D.	1.0	N.D.	88.1	1
233741	MW5-18.0	N.D.	1.0	N.D.	88.1	1
233742	MW6-8.0	1.9	1.0	N.D.	88.1	1
	Note: Hydrocarbon reported does not match the pattern of our Diesel Standard.					
233743	MW6-13.0	N.D.	1.0	N.D.	88.1	1
233744	MW6-18.0	3.8	1.0	N.D.	88.1	1

Carolyn House
Analyst

Bruce Havlik
Analyst

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Facsimile (925) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999 *Submission #:* 9903328

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: **MW5-8.0**
Spl#: 233739 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:*18077 *Analyzed:* March 29, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	106	1
MTBE	N.D.	0.0050	N.D.	82	1
BENZENE	N.D.	0.0050	N.D.	85	1
TOLUENE	N.D.	0.0050	N.D.	83	1
ETHYL BENZENE	N.D.	0.0050	N.D.	87	1
XYLENES	N.D.	0.0050	N.D.	87	1

Vincent Vancil
Analyst

for
Michael Verona
Operations Manager

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GC V132 O:BTEXQC0220
CRAIG 11:26

CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999 *Submission #:* 9903328

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: **MW5-13.0**
Spl#: 233740 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:*18077 *Analyzed:* March 29, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	106	1
MTBE	N.D.	0.0050	N.D.	82	1
BENZENE	N.D.	0.0050	N.D.	85	1
TOLUENE	N.D.	0.0050	N.D.	83	1
ETHYL BENZENE	N.D.	0.0050	N.D.	87	1
XYLENES	N.D.	0.0050	N.D.	87	1

Vincent Vancil
Analyst

Michael Verona
Operations Manager

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CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999 *Submission #:* 9903328

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: **MW5-18.0**
Spl#: 233741 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:*18099 *Analyzed:* March 29, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	91	1
MTBE	N.D.	0.0050	N.D.	78	1
BENZENE	N.D.	0.0050	N.D.	89	1
TOLUENE	N.D.	0.0050	N.D.	89	1
ETHYL BENZENE	N.D.	0.0050	N.D.	91	1
XYLENES	N.D.	0.0050	N.D.	91	1

Craig Huntzinger
Analyst

Michael Verona
Laboratory Operations Manager

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Federal ID #68-0140157

GC V1 32 O:BTEXQC0220
CRAIG 11:32

CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999 *Submission #:* 9903328

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: **MW6-8.0**
Spl#: 233742 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:*18076 *Analyzed:* March 29, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	107	1
MTBE	N.D.	0.0050	N.D.	103	1
BENZENE	N.D.	0.0050	N.D.	86	1
TOLUENE	N.D.	0.0050	N.D.	84	1
ETHYL BENZENE	N.D.	0.0050	N.D.	93	1
XYLENES	N.D.	0.0050	N.D.	80	1

Vincent Vancil
Analyst

for
Michael Verona
Operations Manager

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Federal ID #68-0140157

GC V132 O:BTEXQC0220
CRAIG 11:28

CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999 *Submission #:* 9903328

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: **MW6-13.0**
Spl#: 233743 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:*18076 *Analyzed:* March 29, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	107	1
MTBE	N.D.	0.0050	N.D.	103	1
BENZENE	N.D.	0.0050	N.D.	86	1
TOLUENE	N.D.	0.0050	N.D.	84	1
ETHYL BENZENE	N.D.	0.0050	N.D.	93	1
XYLENES	N.D.	0.0050	N.D.	80	1

Vincent Vancil
Analyst

for
Michael Verona
Operations Manager

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GC V132 O:BTEXQC0220
CRAIG 11:28

CHROMALAB, INC.

Environmental Services (SDB)

March 29, 1999 *Submission #:* 9903328

TCG
Atten: Woody Lovejoy
Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999
re: One sample for Volatile Organics by GC/MS analysis.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW5-8.0**
Spl#: 233739 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:* 18032 *Analyzed:* March 25, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	5.0	N.D.	90.0	1
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROBENZENE	N.D.	5.0	N.D.	98.4	1
CHLOROETHANE	N.D.	10	N.D.	--	1
2-BUTANONE (MEK)	N.D.	50	N.D.	--	1
2-CHLOROETHYLVINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	50	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	10	N.D.	--	1
DIBROMOMETHANE	N.D.	10	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	10	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	81.8	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
ETHYLBENZENE	N.D.	5.0	N.D.	--	1
2-HEXANONE	N.D.	50	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	50	N.D.	--	1
STYRENE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
TOLUENE	N.D.	5.0	N.D.	96.1	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	93.5	1
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
VINYL ACETATE	N.D.	50	N.D.	--	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1

CHROMALAB, INC.

Environmental Services (SDB)

March 29, 1999

Submission #: 9903328
page 2

TCG
Atten: Woody Lovejoy
Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999
re: One sample for Volatile Organics by GC/MS analysis, continued.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW5-13.0**
Spl#: 233740 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:* 18032 *Analyzed:* March 25, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	10	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
CARBON DISULFIDE	N.D.	5.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	1
BROMOBENZENE	N.D.	5.0	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	20	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

June Zhao
Analyst

Michael Verona
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

March 29, 1999

Submission #: 9903328

TCG

Atten: Woody Lovejoy
Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999
re: One sample for Volatile Organics by GC/MS analysis.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW5-18.0**
Spl#: 233741 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:* 18032 *Analyzed:* March 25, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	5.0	N.D.	90.0	1
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROBENZENE	N.D.	5.0	N.D.	98.4	1
CHLOROETHANE	N.D.	10	N.D.	--	1
2-BUTANONE (MEK)	N.D.	50	N.D.	--	1
2-CHLOROETHYLVINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	50	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	10	N.D.	--	1
DIBROMOMETHANE	N.D.	10	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	10	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	81.8	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
ETHYLBENZENE	N.D.	5.0	N.D.	--	1
2-HEXANONE	N.D.	50	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	50	N.D.	--	1
STYRENE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
TOLUENE	N.D.	5.0	N.D.	96.1	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	93.5	1
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
VINYL ACETATE	N.D.	50	N.D.	--	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1

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CHROMALAB, INC.

Environmental Services (SDB)

March 29, 1999

Submission #: 9903328
page 2

TCG
Atten: Woody Lovejoy
Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999
re: One sample for Volatile Organics by GC/MS analysis, continued.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW5-18.0**
Spl#: 233741 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:* 18032 *Analyzed:* March 25, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	10	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
CARBON DISULFIDE	N.D.	5.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	1
BROMOBENZENE	N.D.	5.0	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	20	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

June Zhao
Analyst

Michael Verona
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

March 29, 1999 *Submission #:* 9903328

TCG
Atten: Woody Lovejoy
Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999
re: One sample for Volatile Organics by GC/MS analysis.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW6-8.0**
Spl#: 233742 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:* 18045 *Analyzed:* March 26, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	5.0	N.D.	92.8	1
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROBENZENE	N.D.	5.0	N.D.	96.8	1
CHLOROETHANE	N.D.	10	N.D.	--	1
2-BUTANONE (MEK)	N.D.	50	N.D.	--	1
2-CHLOROETHYLVINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	50	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	10	N.D.	--	1
DIBROMOMETHANE	N.D.	10	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	10	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	80.5	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
ETHYLBENZENE	N.D.	5.0	N.D.	--	1
2-HEXANONE	N.D.	50	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	50	N.D.	--	1
STYRENE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
TOLUENE	N.D.	5.0	N.D.	95.8	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	94.2	1
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
VINYL ACETATE	N.D.	50	N.D.	--	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1

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CHROMALAB, INC.
Environmental Services (SDB)

March 29, 1999

Submission #: 9903328

TCG
Atten: Woody Lovejoy
Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999
re: One sample for Volatile Organics by GC/MS analysis, continued.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW6-8.0**
Spl#: 233742 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:* 18045 *Analyzed:* March 26, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	10	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
CARBON DISULFIDE	N.D.	5.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	1
BROMOBENZENE	N.D.	5.0	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	20	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

June Zhao
Analyst

Michael Verona
Operations Manager

415-381-1741 GC 03/31

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CHROMALAB, INC.

Environmental Services (SDB)

March 29, 1999 *Submission #:* 9903328

TCG
Atten: Woody Lovejoy
Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999
re: One sample for Volatile Organics by GC/MS analysis.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW6-13.0**
Spl#: 233743 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:* 18045 *Analyzed:* March 26, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	5.0	N.D.	92.8	1
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROBENZENE	N.D.	5.0	N.D.	96.8	1
CHLOROETHANE	N.D.	10	N.D.	--	1
2-BUTANONE (MEK)	N.D.	50	N.D.	--	1
2-CHLOROETHYLVINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	50	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	10	N.D.	--	1
DIBROMOMETHANE	N.D.	10	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	10	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	80.5	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
ETHYLBENZENE	N.D.	5.0	N.D.	--	1
2-HEXANONE	N.D.	50	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	50	N.D.	--	1
STYRENE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
TOLUENE	N.D.	5.0	N.D.	95.8	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	94.2	1
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
VINYL ACETATE	N.D.	50	N.D.	--	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1

CHROMALAB, INC.
Environmental Services (SDB)

March 29, 1999

Submission #: 9903328
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TCG
Atten: Woody Lovejoy
Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999
re: One sample for Volatile Organics by GC/MS analysis, continued.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW6-13.0**
Spl#: 233743 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:* 18045 *Analyzed:* March 26, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	10	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
CARBON DISULFIDE	N.D.	5.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	1
BROMOBENZENE	N.D.	5.0	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	20	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

June Zhao
Analyst

Michael Verona
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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

March 29, 1999 *Submission #:* 9903328

TCG
Atten: Woody Lovejoy
Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999
re: One sample for Volatile Organics by GC/MS analysis.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW6-18.0**
Spl#: 233744 *Matrix:* SOIL
Sampled: March 23, 1999 *Run#:* 18045 *Analyzed:* March 26, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	5.0	N.D.	92.8	1
BROMODICHLOROMETHANE	N.D.	5.0	N.D.	--	1
BROMOFORM	N.D.	5.0	N.D.	--	1
BROMOMETHANE	N.D.	10	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	5.0	N.D.	--	1
CHLOROBENZENE	N.D.	5.0	N.D.	96.8	1
CHLOROETHANE	N.D.	10	N.D.	--	1
2-BUTANONE (MEK)	N.D.	50	N.D.	--	1
2-CHLOROETHYLVINYLETHER	N.D.	50	N.D.	--	1
CHLOROFORM	N.D.	5.0	N.D.	--	1
CHLOROMETHANE	N.D.	10	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	5.0	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	50	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	10	N.D.	--	1
DIBROMOMETHANE	N.D.	10	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	10	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	5.0	N.D.	80.5	1
1,2-DICHLOROETHENE (CIS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	5.0	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0	N.D.	--	1
ETHYLBENZENE	N.D.	5.0	N.D.	--	1
2-HEXANONE	N.D.	50	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	50	N.D.	--	1
STYRENE	N.D.	5.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
TETRACHLOROETHENE	N.D.	5.0	N.D.	--	1
TOLUENE	N.D.	5.0	N.D.	95.8	1
1,1,1-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	5.0	N.D.	--	1
TRICHLOROETHENE	N.D.	5.0	N.D.	94.2	1
1,1,1,2-TETRACHLOROETHANE	N.D.	5.0	N.D.	--	1
VINYL ACETATE	N.D.	50	N.D.	--	1
VINYL CHLORIDE	N.D.	5.0	N.D.	--	1

CHROMALAB, INC.

Environmental Services (SDB)

March 29, 1999 *Submission #:* 9903328

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103

Received: March 23, 1999

re: One sample for Volatile Organics by GC/MS analysis, continued.

Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW6-18.0**

Spl#: 233744 *Matrix:* SOIL

Sampled: March 23, 1999 *Run#:* 18045 *Analyzed:* March 26, 1999

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	10	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	5.0	N.D.	--	1
CARBON DISULFIDE	N.D.	5.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	5.0	N.D.	--	1
BROMOBENZENE	N.D.	5.0	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	20	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	5.0	N.D.	--	1

June Zhao
Analyst

Michael Verona
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999 *Submission #:* 9903328

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW5-8.0**
Spl#: 233739 *Matrix:* SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18020 *Analyzed:* March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
PHENOL	N.D.	0.10	N.D.	59.5	1
BIS(2-CHLOROETHYL)ETHER	N.D.	0.10	N.D.	--	1
2-CHLOROPHENOL	N.D.	0.10	N.D.	73.0	1
1,3-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.10	N.D.	68.6	1
BENZYL ALCOHOL	N.D.	0.20	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
2-METHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	0.10	N.D.	--	1
4-METHYLPHENOL	N.D.	0.10	N.D.	--	1
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.20	N.D.	--	1
HEXACHLOROETHANE	N.D.	0.10	N.D.	65.8	1
NITROBENZENE	N.D.	0.10	N.D.	--	1
ISOPHORONE	N.D.	0.10	N.D.	--	1
2-NITROPHENOL	N.D.	0.10	N.D.	--	1
2,4-DIMETHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROETHOXY)METHANE	N.D.	0.10	N.D.	--	1
2,4-DICHLOROPHENOL	N.D.	0.10	N.D.	--	1
1,2,4-TRICHLOROBENZENE	N.D.	0.10	N.D.	95.0	1
NAPHTHALENE	N.D.	0.10	N.D.	--	1
4-CHLOROANILINE	N.D.	0.20	N.D.	--	1
HEXACHLOROBUTADIENE	N.D.	0.10	N.D.	--	1
4-CHLORO-3-METHYLPHENOL	N.D.	0.20	N.D.	60.0	1
2-METHYLNAPHTHALENE	N.D.	0.10	N.D.	--	1
HEXACHLOROCYCLOPENTADIENE	N.D.	0.10	N.D.	--	1
2,4,6-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2,4,5-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2-CHLORONAPHTHALENE	N.D.	0.10	N.D.	--	1
2-NITROANILINE	N.D.	0.50	N.D.	--	1
DIMETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.10	N.D.	--	1
3-NITROANILINE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	61.4	1
2,4-DINITROPHENOL	N.D.	0.50	N.D.	--	1
4-NITROPHENOL	N.D.	0.50	N.D.	20.3	1
DIBENZOFURAN	N.D.	0.10	N.D.	--	1
2,4-DINITROTOLUENE	N.D.	0.10	N.D.	37.2	1
2,6-DINITROTOLUENE	N.D.	0.20	N.D.	--	1
DIETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
4-CHLOROPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1

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CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999

Submission #: 9903328
page 2

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis, continued.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW5-8.0**
Spl#: 233739 *Matrix:* SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18020 *Analyzed:* March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
FLUORENE	N.D.	0.10	N.D.	--	1
4-NITROANILINE	N.D.	0.50	N.D.	--	1
2-METHYL-4,6-DINITROPHENOL	N.D.	0.50	N.D.	--	1
n-NITROSODIPHENYLAMINE	N.D.	0.10	N.D.	--	1
4-BROMOPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1
HEXACHLOROBENZENE	N.D.	0.10	N.D.	--	1
PENTACHLOROPHENOL	N.D.	0.50	N.D.	45.6	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
DI-N-BUTYL PHTHALATE	N.D.	2.0	N.D.	--	1
FLUORANTHENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	76.8	1
BUTYL BENZYL PHTHALATE	N.D.	0.50	N.D.	--	1
3,3'-DICHLOROBENZIDINE	N.D.	0.20	N.D.	--	1
BENZO(A)ANTHRACENE	N.D.	0.10	N.D.	--	1
BIS(2-ETHYLHEXYL)PHTHALATE	N.D.	0.50	N.D.	--	1
CHRYSENE	N.D.	0.10	N.D.	--	1
DI-N-OCTYL PHTHALATE	N.D.	0.50	N.D.	--	1
BENZO(B)FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO(K)FLUORANTHENE	N.D.	0.20	N.D.	--	1
BENZO(A)PYRENE	N.D.	0.050	N.D.	--	1
INDENO(1,2,3 C,D)PYRENE	N.D.	0.20	N.D.	--	1
DIBENZO(A,H)ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO(G,H,I)PERYLENE	N.D.	0.20	N.D.	--	1
BENZOIC ACID	N.D.	0.50	N.D.	--	1

Michael Lee
Analyst

Michael Verona
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999 *Submission #:* 9903328

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW5-13.0**
Spl#: 233740 *Matrix:* SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18020 *Analyzed:* March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
PHENOL	N.D.	0.10	N.D.	59.5	1
BIS(2-CHLOROETHYL)ETHER	N.D.	0.10	N.D.	--	1
2-CHLOROPHENOL	N.D.	0.10	N.D.	73.0	1
1,3-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.10	N.D.	68.6	1
BENZYL ALCOHOL	N.D.	0.20	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
2-METHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	0.10	N.D.	--	1
4-METHYLPHENOL	N.D.	0.20	N.D.	--	1
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.10	N.D.	65.8	1
HEXACHLOROETHANE	N.D.	0.10	N.D.	--	1
NITROBENZENE	N.D.	0.10	N.D.	--	1
ISOPHORONE	N.D.	0.10	N.D.	--	1
2-NITROPHENOL	N.D.	0.10	N.D.	--	1
2,4-DIMETHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROETHOXY)METHANE	N.D.	0.10	N.D.	--	1
2,4-DICHLOROPHENOL	N.D.	0.10	N.D.	--	1
1,2,4-TRICHLOROBENZENE	N.D.	0.10	N.D.	95.0	1
NAPHTHALENE	N.D.	0.10	N.D.	--	1
4-CHLOROANILINE	N.D.	0.20	N.D.	--	1
HEXACHLOROBUTADIENE	N.D.	0.10	N.D.	--	1
4-CHLORO-3-METHYLPHENOL	N.D.	0.20	N.D.	60.0	1
2-METHYLNAPHTHALENE	N.D.	0.10	N.D.	--	1
HEXACHLOROCYCLOPENTADIENE	N.D.	0.10	N.D.	--	1
2,4,6-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2,4,5-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2-CHLORONAPHTHALENE	N.D.	0.10	N.D.	--	1
2-NITROANILINE	N.D.	0.50	N.D.	--	1
DIMETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.10	N.D.	--	1
3-NITROANILINE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	61.4	1
2,4-DINITROPHENOL	N.D.	0.50	N.D.	--	1
4-NITROPHENOL	N.D.	0.50	N.D.	20.3	1
DIBENZOFURAN	N.D.	0.10	N.D.	--	1
2,4-DINITROTOLUENE	N.D.	0.10	N.D.	37.2	1
2,6-DINITROTOLUENE	N.D.	0.20	N.D.	--	1
DIETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
4-CHLOROPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1

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CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999

Submission #: 9903328
page 2

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis, continued.
Method: SW846 Method 8270A Nov 1990

Client Sample ID: **MW5-13.0**
Spl#: 233740 *Matrix:* SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18020 *Analyzed:* March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
FLUORENE	N.D.	0.10	N.D.	--	1
4-NITROANILINE	N.D.	0.50	N.D.	--	1
2-METHYL-4,6-DINITROPHENOL	N.D.	0.50	N.D.	--	1
n-NITROSODIPHENYLAMINE	N.D.	0.10	N.D.	--	1
4-BROMOPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1
HEXACHLOROBENZENE	N.D.	0.10	N.D.	--	1
PENTACHLOROPHENOL	N.D.	0.50	N.D.	45.6	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
DI-N-BUTYL PHTHALATE	N.D.	2.0	N.D.	--	1
FLUORANTHENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	76.8	1
BUTYL BENZYL PHTHALATE	N.D.	0.50	N.D.	--	1
3,3'-DICHLOROBENZIDINE	N.D.	0.20	N.D.	--	1
BENZO(A)ANTHRACENE	N.D.	0.10	N.D.	--	1
BIS(2-ETHYLHEXYL)PHTHALATE	N.D.	0.50	N.D.	--	1
CHRYSENE	N.D.	0.10	N.D.	--	1
DI-N-OCTYL PHTHALATE	N.D.	0.50	N.D.	--	1
BENZO(B)FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO(K)FLUORANTHENE	N.D.	0.20	N.D.	--	1
BENZO(A)PYRENE	N.D.	0.050	N.D.	--	1
INDENO(1,2,3 C,D)PYRENE	N.D.	0.20	N.D.	--	1
DIBENZO(A,H)ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO(G,H,I)PERYLENE	N.D.	0.20	N.D.	--	1
BENZOIC ACID	N.D.	0.50	N.D.	--	1

Michael Lee
Analyst

Michael Verona
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999 *Submission #:* 9903328

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW5-18.0**
Spl#: 233741 *Matrix:* SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18020 *Analyzed:* March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
PHENOL	N.D.	0.10	N.D.	59.5	1
BIS(2-CHLOROETHYL)ETHER	N.D.	0.10	N.D.	--	1
2-CHLOROPHENOL	N.D.	0.10	N.D.	73.0	1
1,3-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.10	N.D.	68.6	1
BENZYL ALCOHOL	N.D.	0.20	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
2-METHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	0.10	N.D.	--	1
4-METHYLPHENOL	N.D.	0.20	N.D.	--	1
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.10	N.D.	65.8	1
HEXACHLOROETHANE	N.D.	0.10	N.D.	--	1
NITROBENZENE	N.D.	0.10	N.D.	--	1
ISOPHORONE	N.D.	0.10	N.D.	--	1
2-NITROPHENOL	N.D.	0.10	N.D.	--	1
2,4-DIMETHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROETHOXY)METHANE	N.D.	0.10	N.D.	--	1
2,4-DICHLOROPHENOL	N.D.	0.10	N.D.	--	1
1,2,4-TRICHLOROBENZENE	N.D.	0.10	N.D.	95.0	1
NAPHTHALENE	N.D.	0.10	N.D.	--	1
4-CHLOROANILINE	N.D.	0.20	N.D.	--	1
HEXACHLOROBUTADIENE	N.D.	0.10	N.D.	--	1
4-CHLORO-3-METHYLPHENOL	N.D.	0.20	N.D.	60.0	1
2-METHYLNAPHTHALENE	N.D.	0.10	N.D.	--	1
HEXACHLOROCYCLOPENTADIENE	N.D.	0.10	N.D.	--	1
2,4,6-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2,4,5-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2-CHLORONAPHTHALENE	N.D.	0.10	N.D.	--	1
2-NITROANILINE	N.D.	0.50	N.D.	--	1
DIMETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.10	N.D.	--	1
3-NITROANILINE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	61.4	1
2,4-DINITROPHENOL	N.D.	0.50	N.D.	--	1
4-NITROPHENOL	N.D.	0.50	N.D.	20.3	1
DIBENZOFURAN	N.D.	0.10	N.D.	--	1
2,4-DINITROTOLUENE	N.D.	0.10	N.D.	37.2	1
2,6-DINITROTOLUENE	N.D.	0.20	N.D.	--	1
DIETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
4-CHLOROPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1

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CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999

Submission #: 9903328
page 2

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis, continued.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW5-18.0**
Spl#: 233741 *Matrix:* SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18020 *Analyzed:* March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
FLUORENE	N.D.	0.10	N.D.	--	1
4-NITROANILINE	N.D.	0.50	N.D.	--	1
2-METHYL-4,6-DINITROPHENOL	N.D.	0.50	N.D.	--	1
n-NITROSODIPHENYLAMINE	N.D.	0.10	N.D.	--	1
4-BROMOPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1
HEXACHLOROBENZENE	N.D.	0.10	N.D.	--	1
PENTACHLOROPHENOL	N.D.	0.50	N.D.	45.6	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
DI-N-BUTYL PHTHALATE	N.D.	2.0	N.D.	--	1
FLUORANTHENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	76.8	1
BUTYL BENZYL PHTHALATE	N.D.	0.50	N.D.	--	1
3,3'-DICHLOROBENZIDINE	N.D.	0.20	N.D.	--	1
BENZO(A)ANTHRACENE	N.D.	0.10	N.D.	--	1
BIS(2-ETHYLHEXYL)PHTHALATE	N.D.	0.50	N.D.	--	1
CHRYSENE	N.D.	0.10	N.D.	--	1
DI-N-OCTYL PHTHALATE	N.D.	0.50	N.D.	--	1
BENZO(B)FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO(K)FLUORANTHENE	N.D.	0.20	N.D.	--	1
BENZO(A)PYRENE	N.D.	0.050	N.D.	--	1
INDENO(1,2,3 C,D)PYRENE	N.D.	0.20	N.D.	--	1
DIBENZO(A,H)ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO(G,H,I)PERYLENE	N.D.	0.20	N.D.	--	1
BENZOIC ACID	N.D.	0.50	N.D.	--	1

Michael Lee
Analyst

Michael Verona
Operations Manager

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999 *Submission #:* 9903328

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW6-8.0**
Spl#: 233742 *Matrix:* SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18020 *Analyzed:* March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
PHENOL	N.D.	0.10	N.D.	59.5	1
BIS(2-CHLOROETHYL)ETHER	N.D.	0.10	N.D.	--	1
2-CHLOROPHENOL	N.D.	0.10	N.D.	73.0	1
1,3-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.10	N.D.	68.6	1
BENZYL ALCOHOL	N.D.	0.20	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
2-METHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	0.10	N.D.	--	1
4-METHYLPHENOL	N.D.	0.20	N.D.	--	1
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.10	N.D.	65.8	1
HEXACHLOROETHANE	N.D.	0.10	N.D.	--	1
NITROBENZENE	N.D.	0.10	N.D.	--	1
ISOPHORONE	N.D.	0.10	N.D.	--	1
2-NITROPHENOL	N.D.	0.10	N.D.	--	1
2,4-DIMETHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROETHOXY)METHANE	N.D.	0.10	N.D.	--	1
2,4-DICHLOROPHENOL	N.D.	0.10	N.D.	--	1
1,2,4-TRICHLOROBENZENE	N.D.	0.10	N.D.	95.0	1
NAPHTHALENE	N.D.	0.10	N.D.	--	1
4-CHLOROANILINE	N.D.	0.20	N.D.	--	1
HEXACHLOROBUTADIENE	N.D.	0.10	N.D.	--	1
4-CHLORO-3-METHYLPHENOL	N.D.	0.20	N.D.	60.0	1
2-METHYLNAPHTHALENE	N.D.	0.10	N.D.	--	1
HEXACHLOROCYCLOPENTADIENE	N.D.	0.10	N.D.	--	1
2,4,6-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2,4,5-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2-CHLORONAPHTHALENE	N.D.	0.10	N.D.	--	1
2-NITROANILINE	N.D.	0.50	N.D.	--	1
DIMETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.10	N.D.	--	1
3-NITROANILINE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	61.4	1
2,4-DINITROPHENOL	N.D.	0.50	N.D.	--	1
4-NITROPHENOL	N.D.	0.50	N.D.	20.3	1
DIBENZOFURAN	N.D.	0.10	N.D.	--	1
2,4-DINITROTOLUENE	N.D.	0.10	N.D.	37.2	1
2,6-DINITROTOLUENE	N.D.	0.20	N.D.	--	1
DIETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
4-CHLOROPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1

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CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999

Submission #: 9903328
page 2

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis, continued.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW6-8.0**
Spl#: 233742 *Matrix:* SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18020 *Analyzed:* March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
FLUORENE	N.D.	0.10	N.D.	--	1
4-NITROANILINE	N.D.	0.50	N.D.	--	1
2-METHYL-4,6-DINITROPHENOL	N.D.	0.50	N.D.	--	1
n-NITROSODIPHENYLAMINE	N.D.	0.10	N.D.	--	1
4-BROMOPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1
HEXACHLOROBENZENE	N.D.	0.10	N.D.	--	1
PENTACHLOROPHENOL	N.D.	0.50	N.D.	45.6	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
DI-N-BUTYL PHTHALATE	N.D.	2.0	N.D.	--	1
FLUORANTHENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	76.8	1
BUTYL BENZYL PHTHALATE	N.D.	0.50	N.D.	--	1
3,3'-DICHLOROBENZIDINE	N.D.	0.20	N.D.	--	1
BENZO(A)ANTHRACENE	N.D.	0.10	N.D.	--	1
BIS(2-ETHYLHEXYL)PHTHALATE	N.D.	0.50	N.D.	--	1
CHRYSENE	N.D.	0.10	N.D.	--	1
DI-N-OCTYL PHTHALATE	N.D.	0.50	N.D.	--	1
BENZO(B)FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO(K)FLUORANTHENE	N.D.	0.20	N.D.	--	1
BENZO(A)PYRENE	N.D.	0.050	N.D.	--	1
INDENO(1,2,3 C,D)PYRENE	N.D.	0.20	N.D.	--	1
DIBENZO(A,H)ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO(G,H,I)PERYLENE	N.D.	0.20	N.D.	--	1
BENZOIC ACID	N.D.	0.50	N.D.	--	1

Michael Lee
Analyst

Michael Verona
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999 *Submission #:* 9903328

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW6-13.0**
Spl#: 233743 *Matrix:* SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18020 *Analyzed:* March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
PHENOL	N.D.	0.10	N.D.	59.5	1
BIS(2-CHLOROETHYL)ETHER	N.D.	0.10	N.D.	--	1
2-CHLOROPHENOL	N.D.	0.10	N.D.	73.0	1
1,3-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.10	N.D.	68.6	1
BENZYL ALCOHOL	N.D.	0.20	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
2-METHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	0.10	N.D.	--	1
4-METHYLPHENOL	N.D.	0.20	N.D.	--	1
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.10	N.D.	65.8	1
HEXACHLOROETHANE	N.D.	0.10	N.D.	--	1
NITROBENZENE	N.D.	0.10	N.D.	--	1
ISOPHORONE	N.D.	0.10	N.D.	--	1
2-NITROPHENOL	N.D.	0.10	N.D.	--	1
2,4-DIMETHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROETHOXY)METHANE	N.D.	0.10	N.D.	--	1
2,4-DICHLOROPHENOL	N.D.	0.10	N.D.	--	1
1,2,4-TRICHLOROBENZENE	N.D.	0.10	N.D.	95.0	1
NAPHTHALENE	N.D.	0.10	N.D.	--	1
4-CHLOROANILINE	N.D.	0.20	N.D.	--	1
HEXACHLOROBUTADIENE	N.D.	0.10	N.D.	--	1
4-CHLORO-3-METHYLPHENOL	N.D.	0.20	N.D.	60.0	1
2-METHYLNAPHTHALENE	N.D.	0.10	N.D.	--	1
HEXACHLOROCYCLOPENTADIENE	N.D.	0.10	N.D.	--	1
2,4,6-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2,4,5-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2-CHLORONAPHTHALENE	N.D.	0.10	N.D.	--	1
2-NITROANILINE	N.D.	0.50	N.D.	--	1
DIMETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.10	N.D.	--	1
3-NITROANILINE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	61.4	1
2,4-DINITROPHENOL	N.D.	0.50	N.D.	--	1
4-NITROPHENOL	N.D.	0.50	N.D.	20.3	1
DIBENZOFURAN	N.D.	0.10	N.D.	--	1
2,4-DINITROTOLUENE	N.D.	0.10	N.D.	37.2	1
2,6-DINITROTOLUENE	N.D.	0.20	N.D.	--	1
DIETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
4-CHLOROPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1

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Federal ID #68-0140157

CHROMALAB, INC.
Environmental Services (SDB)

March 31, 1999

Submission #: 9903328
page 2

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis, continued.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW6-13.0**
Spl#: 233743 *Matrix:* SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18020 *Analyzed:* March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
FLUORENE	N.D.	0.10	N.D.	--	1
4-NITROANILINE	N.D.	0.50	N.D.	--	1
2-METHYL-4,6-DINITROPHENOL	N.D.	0.50	N.D.	--	1
n-NITROSODIPHENYLAMINE	N.D.	0.10	N.D.	--	1
4-BROMOPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1
HEXACHLOROBENZENE	N.D.	0.10	N.D.	--	1
PENTACHLOROPHENOL	N.D.	0.50	N.D.	45.6	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
DI-N-BUTYL PHTHALATE	N.D.	2.0	N.D.	--	1
FLUORANTHENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	76.8	1
BUTYL BENZYL PHTHALATE	N.D.	0.50	N.D.	--	1
3,3'-DICHLOROBENZIDINE	N.D.	0.20	N.D.	--	1
BENZO(A)ANTHRACENE	N.D.	0.10	N.D.	--	1
BIS(2-ETHYLHEXYL)PHTHALATE	N.D.	0.50	N.D.	--	1
CHRYSENE	N.D.	0.10	N.D.	--	1
DI-N-OCTYL PHTHALATE	N.D.	0.50	N.D.	--	1
BENZO(B)FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO(K)FLUORANTHENE	N.D.	0.20	N.D.	--	1
BENZO(A)PYRENE	N.D.	0.050	N.D.	--	1
INDENO(1,2,3 C,D)PYRENE	N.D.	0.20	N.D.	--	1
DIBENZO(A,H)ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO(G,H,I)PERYLENE	N.D.	0.20	N.D.	--	1
BENZOIC ACID	N.D.	0.50	N.D.	--	1

Michael Lee
Analyst

Michael Verona
Operations Manager

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999 *Submission #:* 9903328

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW6-18.0**
Spl#: 233744 *Matrix:* SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18020 *Analyzed:* March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
PHENOL	N.D.	0.10	N.D.	59.5	1
BIS(2-CHLOROETHYL)ETHER	N.D.	0.10	N.D.	--	1
2-CHLOROPHENOL	N.D.	0.10	N.D.	73.0	1
1,3-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.10	N.D.	68.6	1
BENZYL ALCOHOL	N.D.	0.20	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
2-METHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	0.10	N.D.	--	1
4-METHYLPHENOL	N.D.	0.20	N.D.	--	1
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.10	N.D.	65.8	1
HEXACHLOROETHANE	N.D.	0.10	N.D.	--	1
NITROBENZENE	N.D.	0.10	N.D.	--	1
ISOPHORONE	N.D.	0.10	N.D.	--	1
2-NITROPHENOL	N.D.	0.10	N.D.	--	1
2,4-DIMETHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROETHOXY)METHANE	N.D.	0.10	N.D.	--	1
2,4-DICHLOROPHENOL	N.D.	0.10	N.D.	--	1
1,2,4-TRICHLOROBENZENE	N.D.	0.10	N.D.	95.0	1
NAPHTHALENE	N.D.	0.10	N.D.	--	1
4-CHLOROANILINE	N.D.	0.20	N.D.	--	1
HEXACHLOROBUTADIENE	N.D.	0.10	N.D.	--	1
4-CHLORO-3-METHYLPHENOL	N.D.	0.20	N.D.	60.0	1
2-METHYLNAPHTHALENE	N.D.	0.10	N.D.	--	1
HEXACHLOROCYCLOPENTADIENE	N.D.	0.10	N.D.	--	1
2,4,6-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2,4,5-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2-CHLORONAPHTHALENE	N.D.	0.10	N.D.	--	1
2-NITROANILINE	N.D.	0.50	N.D.	--	1
DIMETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.10	N.D.	--	1
3-NITROANILINE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	61.4	1
2,4-DINITROPHENOL	N.D.	0.50	N.D.	--	1
4-NITROPHENOL	N.D.	0.50	N.D.	20.3	1
DIBENZOFURAN	N.D.	0.10	N.D.	--	1
2,4-DINITROTOLUENE	N.D.	0.10	N.D.	37.2	1
2,6-DINITROTOLUENE	N.D.	0.20	N.D.	--	1
DIETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
4-CHLOROPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

March 31, 1999

Submission #: 9903328
page 2

TCG

Atten: Woody Lovejoy

Project: KELLY-MOORE ALBANY *Project#:* 990103
Received: March 23, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis, continued.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW6-18.0**
Spl#: 233744 *Matrix:* SOIL *Extracted:* March 25, 1999
Sampled: March 23, 1999 *Run#:* 18020 *Analyzed:* March 25, 1999

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
FLUORENE	N.D.	0.10	N.D.	--	1
4-NITROANILINE	N.D.	0.50	N.D.	--	1
2-METHYL-4,6-DINITROPHENOL	N.D.	0.50	N.D.	--	1
n-NITROSODIPHENYLAMINE	N.D.	0.10	N.D.	--	1
4-BROMOPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1
HEXACHLOROBENZENE	N.D.	0.10	N.D.	--	1
PENTACHLOROPHENOL	N.D.	0.50	N.D.	45.6	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
DI-N-BUTYL PHTHALATE	N.D.	2.0	N.D.	--	1
FLUORANTHENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	76.8	1
BUTYL BENZYL PHTHALATE	N.D.	0.50	N.D.	--	1
3,3'-DICHLOROBENZIDINE	N.D.	0.20	N.D.	--	1
BENZO(A)ANTHRACENE	N.D.	0.10	N.D.	--	1
BIS(2-ETHYLHEXYL)PHTHALATE	N.D.	0.50	N.D.	--	1
CHRYSENE	N.D.	0.10	N.D.	--	1
DI-N-OCTYL PHTHALATE	N.D.	0.50	N.D.	--	1
BENZO(B)FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO(K)FLUORANTHENE	N.D.	0.20	N.D.	--	1
BENZO(A)PYRENE	N.D.	0.050	N.D.	--	1
INDENO(1,2,3 C,D)PYRENE	N.D.	0.20	N.D.	--	1
DIBENZO(A,H)ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO(G,H,I)PERYLENE	N.D.	0.20	N.D.	--	1
BENZOIC ~~ACID~~	N.D.	0.50	N.D.	--	1

Michael Lee
Analyst

Michael Verona
Operations Manager

415-381-1741 GC 03/31

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Federal ID #68-0140157

[redacted]

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
510/484-1919 • Facsimile 510/484-1096

Reference #: [redacted]

Chain of Custody

DATE 23 March 99 PAGE 1 OF 1

PROJ MGR: Woody Lovejoy
COMPANY: TCG/ProTech
ADDRESS: 354 Camelia Way, Tiburon CA 94920
SAMPLERS (SIGNATURE): (signature)
(PHONE NO.)
(FAX NO.)

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH (EPA 8015, 8020) Gas w/ BTEX & MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) Kerosene, Diesel, M.O.	PURGEABLE HALOCARBONS (HVOCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B+F, E+F)		PESTICIDES (EPA 8080) / PCB'S (EPA 8080)	PNA's by 8270 / 8310	Spec. Cond. / TSS / TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	W.E.T. (STLC) / TCLP	Hexavalent Chromium / pH (24 hr hold time for H2O)				NUMBER OF CONTAINERS
MW5-3.0	23Mar99		Soil		~~X~~		~~X~~			~~X~~	~~X~~		HOLD												1
MW5-8.0					X		X			X	X														1
MW5-13.0					X		X			X	X														1
MW5-18.0					X		X			X	X														1
MW6-3.0												HOLD													1
MW6-8.0					X		X			X	X														1
MW6-13.0					X		X			X	X														1
MW6-18.0					X		X			X	X														1

SUBM #: 9903328 REP: GC
CLIENT: TCG
DUE: 03/31/99
REF #:45150

PROJECT INFORMATION

PROJECT NAME: Kelly Marie-Albany
PROJECT NUMBER: 990102
P.O. #

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	8
HEAD SPACE	
TEMPERATURE	
CONFORMS TO RECORD	

TAT: (STANDARD 5-DAY) | 24 | 48 | 72 | OTHER

Report: [ ] Routine [ ] Level 2 [ ] Level 3 [ ] Level 4 [ ] Electronic Report

SPECIAL INSTRUCTIONS/COMMENTS:
B. 11 ProTech
Send Results to Woody Lovejoy
3.4 °C
8 soil tubes

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
(SIGNATURE) 1215 (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) 1750 (TIME)
S. Lovejoy 23Mar99 (PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	G. Moon 3-23-99 (PRINTED NAME) (DATE)
TCG/ProTech (COMPANY)	(COMPANY)	Chromalab (COMPANY)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) 1750 (TIME)
G. Moon 3/23 (PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	A. Paredes 3/23/99 (PRINTED NAME) (DATE)
Chromalab (COMPANY)	(COMPANY)	Chromalab (LAB)

Revised 8/98

CHROMALAB, INC.

Environmental Services (SDB)

April 6, 1999 *Submission #:* 9903440

TCG

Atten: Woody Lovejoy

Project: KELLY MOORE ALBANY *Project#:* 990103
Received: March 30, 1999

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: **MW 3**
Spl#: 234729 *Matrix:* WATER
Sampled: March 29, 1999 *Run#:*18171 *Analyzed:* April 2, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	50	N.D.	97	1
MTBE	N.D.	5.0	N.D.	102	1
BENZENE	N.D.	0.50	N.D.	100	1
TOLUENE	N.D.	0.50	N.D.	100	1
ETHYL BENZENE	N.D.	0.50	N.D.	98	1
XYLENES	N.D.	0.50	N.D.	95	1

Craig Huntzinger
Analyst

Michael Verona
Laboratory Operations Manager

415-381-1741

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

April 6, 1999 *Submission #:* 9903440

TCG

Atten: Woody Lovejoy

Project: KELLY MOORE ALBANY *Project#:* 990103
Received: March 30, 1999

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: **MW 4**
Spl#: 234730 *Matrix:* WATER
Sampled: March 29, 1999 *Run#:*18171 *Analyzed:* April 2, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	50	N.D.	97	1
MTBE	N.D.	5.0	N.D.	102	1
BENZENE	N.D.	0.50	N.D.	100	1
TOLUENE	N.D.	0.50	N.D.	100	1
ETHYL BENZENE	N.D.	0.50	N.D.	98	1
XYLENES	N.D.	0.50	N.D.	95	1

Craig Huntzinger
Analyst

Michael Verona
Laboratory Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

April 6, 1999 *Submission #:* 9903440

TCG

Atten: Woody Lovejoy

Project: KELLY MOORE ALBANY *Project#:* 990103
Received: March 30, 1999

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: **MW 5**
Spl#: 234731 *Matrix:* WATER
Sampled: March 29, 1999 *Run#:*18171 *Analyzed:* April 2, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	50	N.D.	97	1
MTBE	N.D.	5.0	N.D.	102	1
BENZENE	N.D.	0.50	N.D.	100	1
TOLUENE	N.D.	0.50	N.D.	100	1
ETHYL BENZENE	N.D.	0.50	N.D.	98	1
XYLENES	N.D.	0.50	N.D.	95	1

Craig Huntzinger
Analyst

Michael Verona
Laboratory Operations Manager

415-381-1741

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CHROMALAB, INC.

Environmental Services (SDB)

April 6, 1999 *Submission #:* 9903440

TCG

Atten: Woody Lovejoy

Project: KELLY MOORE ALBANY *Project#:* 990103
Received: March 30, 1999

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: **MW 6**
Spl#: 234732 *Matrix:* WATER
Sampled: March 29, 1999 *Run#:*18172 *Analyzed:* April 2, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	50	N.D.	93	1
MTBE	N.D.	5.0	N.D.	66	1
BENZENE	N.D.	0.50	N.D.	80	1
TOLUENE	N.D.	0.50	N.D.	78	1
ETHYL BENZENE	N.D.	0.50	N.D.	81	1
XYLENES	N.D.	0.50	N.D.	81	1

Craig Huntzinger
Analyst

Michael Verona
Laboratory Operations Manager

415-381-1741

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Federal ID #68-0140157

GC V132 O:BTEXQC0220
CRAIG 16:19

CHROMALAB, INC.

Environmental Services (SDB)

April 6, 1999 *Submission #:* 9903440

TCG

Atten: Woody Lovejoy

Project: KELLY MOORE ALBANY *Project#:* 990103
Received: March 30, 1999

re: 4 samples for TPH - Diesel analysis.
Method: *EPA 8015M*

Matrix: WATER *Extracted:* April 1, 1999
Sampled: March 29, 1999 *Run#:* 18126 *Analyzed:* April 2, 1999

Spl#	CLIENT SPL ID	DIESEL (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
234729	MW 3	N.D.	50	N.D.	80.8	1
234730	MW 4	N.D.	50	N.D.	80.8	1
234731	MW 5	N.D.	50	N.D.	80.8	1
234732	MW 6	N.D.	50	N.D.	80.8	1

Carolyn House
Analyst

Bruce Havlik
Analyst

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Facsimile (925) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

April 6, 1999 *Submission #:* 9903440

TCG

Atten: Woody Lovejoy

Project: KELLY MOORE ALBANY *Project#:* 990103
Received: March 30, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW 3**
Spl#: 234729 *Matrix:* WATER *Extracted:* April 5, 1999
Sampled: March 29, 1999 *Run#:* 18203 *Analyzed:* April 5, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
PHENOL	N.D.	2.0	N.D.	20.3	1
BIS(2-CHLOROETHYL)ETHER	N.D.	2.0	N.D.	--	1
2-CHLOROPHENOL	N.D.	2.0	N.D.	67.0	1
1,3-DICHLOROBENZENE	N.D.	2.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	2.0	N.D.	72.3	1
BENZYL ALCOHOL	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	2.0	N.D.	--	1
2-METHYLPHENOL	N.D.	2.0	N.D.	--	1
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	2.0	N.D.	--	1
4-METHYLPHENOL	N.D.	2.0	N.D.	--	1
N-NITROSO-DI-N-PROPYLAMINE	N.D.	2.0	N.D.	77.7	1
HEXACHLOROETHANE	N.D.	2.0	N.D.	--	1
NITROBENZENE	N.D.	2.0	N.D.	--	1
ISOPHORONE	N.D.	2.0	N.D.	--	1
2-NITROPHENOL	N.D.	2.0	N.D.	--	1
2,4-DIMETHYLPHENOL	N.D.	2.0	N.D.	--	1
BIS(2-CHLOROETHOXY)METHANE	N.D.	5.0	N.D.	--	1
2,4-DICHLOROPHENOL	N.D.	2.0	N.D.	--	1
1,2,4-TRICHLOROBENZENE	N.D.	2.0	N.D.	83.3	1
NAPHTHALENE	N.D.	2.0	N.D.	--	1
4-CHLOROANILINE	N.D.	2.0	N.D.	--	1
HEXACHLOROBUTADIENE	N.D.	2.0	N.D.	--	1
4-CHLORO-3-METHYLPHENOL	N.D.	5.0	N.D.	57.3	1
2-METHYLNAPHTHALENE	N.D.	2.0	N.D.	--	1
HEXACHLOROCYCLOPENTADIENE	N.D.	2.0	N.D.	--	1
2,4,6-TRICHLOROPHENOL	N.D.	2.0	N.D.	--	1
2,4,5-TRICHLOROPHENOL	N.D.	2.0	N.D.	--	1
2-CHLORONAPHTHALENE	N.D.	2.0	N.D.	--	1
2-NITROANILINE	N.D.	10	N.D.	--	1
DIMETHYL PHTHALATE	N.D.	5.0	N.D.	--	1
ACENAPHTHYLENE	N.D.	2.0	N.D.	--	1
3-NITROANILINE	N.D.	10	N.D.	--	1
ACENAPHTHENE	N.D.	2.0	N.D.	69.0	1
2,4-DINITROPHENOL	N.D.	10	N.D.	--	1
4-NITROPHENOL	N.D.	10	N.D.	10.5	1
DIBENZOFURAN	N.D.	2.0	N.D.	--	1
2,4-DINITROTOLUENE	N.D.	2.0	N.D.	63.7	1
2,6-DINITROTOLUENE	N.D.	5.0	N.D.	--	1
DIETHYL PHTHALATE	N.D.	5.0	N.D.	--	1
4-CHLOROPHENYL PHENYL ETHER	N.D.	2.0	N.D.	--	1

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

April 6, 1999

Submission #: 9903440
page 2

TCG

Atten: Woody Lovejoy

Project: KELLY MOORE ALBANY *Project#:* 990103
Received: March 30, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis, continued.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW 4**
Spl#: 234730 *Matrix:* WATER *Extracted:* April 5, 1999
Sampled: March 29, 1999 *Run#:* 18203 *Analyzed:* April 5, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
FLUORENE	N.D.	5.0	N.D.	--	1
4-NITROANILINE	N.D.	10	N.D.	--	1
2-METHYL-4,6-DINITROPHENOL	N.D.	10	N.D.	--	1
n-NITROSODIPHENYLAMINE	N.D.	2.0	N.D.	--	1
4-BROMOPHENYL PHENYL ETHER	N.D.	5.0	N.D.	--	1
HEXACHLOROBENZENE	N.D.	2.0	N.D.	--	1
PENTACHLOROPHENOL	N.D.	10	N.D.	69.3	1
PHENANTHRENE	N.D.	2.0	N.D.	--	1
ANTHRACENE	N.D.	2.0	N.D.	--	1
DI-N-BUTYL PHTHALATE	N.D.	5.0	N.D.	--	1
FLUORANTHENE	N.D.	2.0	N.D.	--	1
PYRENE	N.D.	2.0	N.D.	66.3	1
BUTYL BENZYL PHTHALATE	N.D.	5.0	N.D.	--	1
3,3'-DICHLOROBENZIDINE	N.D.	5.0	N.D.	--	1
BENZO(A)ANTHRACENE	N.D.	2.0	N.D.	--	1
BIS(2-ETHYLHEXYL)PHTHALATE	N.D.	5.0	N.D.	--	1
CHRYSENE	N.D.	2.0	N.D.	--	1
DI-N-OCTYL PHTHALATE	N.D.	5.0	N.D.	--	1
BENZO(B)FLUORANTHENE	N.D.	2.0	N.D.	--	1
BENZO(K)FLUORANTHENE	N.D.	2.0	N.D.	--	1
BENZO(A)PYRENE	N.D.	2.0	N.D.	--	1
INDENO(1,2,3 C,D)PYRENE	N.D.	2.0	N.D.	--	1
DIBENZO(A,H)ANTHRACENE	N.D.	2.0	N.D.	--	1
BENZO(G,H,I)PERYLENE	N.D.	2.0	N.D.	--	1
BENZOIC ACID	N.D.	10	N.D.	--	1

Michael Lee
Analyst

Michael Verona
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

April 6, 1999 *Submission #:* 9903440

TCG

Atten: Woody Lovejoy

Project: KELLY MOORE ALBANY *Project#:* 990103
Received: March 30, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW 6**
Spl#: 234732 *Matrix:* WATER *Extracted:* April 5, 1999
Sampled: March 29, 1999 *Run#:* 18203 *Analyzed:* April 5, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
PHENOL	N.D.	2.0	N.D.	20.3	1
BIS(2-CHLOROETHYL)ETHER	N.D.	2.0	N.D.	--	1
2-CHLOROPHENOL	N.D.	2.0	N.D.	67.0	1
1,3-DICHLOROBENZENE	N.D.	2.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	2.0	N.D.	72.3	1
BENZYL ALCOHOL	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	2.0	N.D.	--	1
2-METHYLPHENOL	N.D.	2.0	N.D.	--	1
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	2.0	N.D.	--	1
4-METHYLPHENOL	N.D.	2.0	N.D.	--	1
N-NITROSO-DI-N-PROPYLAMINE	N.D.	2.0	N.D.	77.7	1
HEXACHLOROETHANE	N.D.	2.0	N.D.	--	1
NITROBENZENE	N.D.	2.0	N.D.	--	1
ISOPHORONE	N.D.	2.0	N.D.	--	1
2-NITROPHENOL	N.D.	2.0	N.D.	--	1
2,4-DIMETHYLPHENOL	N.D.	2.0	N.D.	--	1
BIS(2-CHLOROETHOXY)METHANE	N.D.	5.0	N.D.	--	1
2,4-DICHLOROPHENOL	N.D.	2.0	N.D.	--	1
1,2,4-TRICHLOROBENZENE	N.D.	2.0	N.D.	83.3	1
NAPHTHALENE	N.D.	2.0	N.D.	--	1
4-CHLOROANILINE	N.D.	2.0	N.D.	--	1
HEXACHLOROBUTADIENE	N.D.	2.0	N.D.	--	1
4-CHLORO-3-METHYLPHENOL	N.D.	5.0	N.D.	57.3	1
2-METHYLNAPHTHALENE	N.D.	2.0	N.D.	--	1
HEXACHLOROCYCLOPENTADIENE	N.D.	2.0	N.D.	--	1
2,4,6-TRICHLOROPHENOL	N.D.	2.0	N.D.	--	1
2,4,5-TRICHLOROPHENOL	N.D.	2.0	N.D.	--	1
2-CHLORONAPHTHALENE	N.D.	2.0	N.D.	--	1
2-NITROANILINE	N.D.	10	N.D.	--	1
DIMETHYL PHTHALATE	N.D.	5.0	N.D.	--	1
ACENAPHTHYLENE	N.D.	2.0	N.D.	--	1
3-NITROANILINE	N.D.	10	N.D.	--	1
ACENAPHTHENE	N.D.	2.0	N.D.	69.0	1
2,4-DINITROPHENOL	N.D.	10	N.D.	--	1
4-NITROPHENOL	N.D.	10	N.D.	10.5	1
DIBENZOFURAN	N.D.	2.0	N.D.	--	1
2,4-DINITROTOLUENE	N.D.	2.0	N.D.	63.7	1
2,6-DINITROTOLUENE	N.D.	5.0	N.D.	--	1
DIETHYL PHTHALATE	N.D.	5.0	N.D.	--	1
4-CHLOROPHENYL PHENYL ETHER	N.D.	2.0	N.D.	--	1

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CHROMALAB, INC.

Environmental Services (SDB)

April 6, 1999 *Submission #:* 9903440

TCG
Atten: Woody Lovejoy
Project: KELLY MOORE ALBANY *Project#:* 990103
Received: March 30, 1999
re: One sample for Volatile Organics by GC/MS analysis.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW 4**
Spl#: 234730 *Matrix:* WATER
Sampled: March 29, 1999 *Run#:* 18162 *Analyzed:* April 2, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	0.50	N.D.	98.3	1
BROMODICHLOROMETHANE	N.D.	0.50	N.D.	--	1
BROMOFORM	N.D.	0.50	N.D.	--	1
BROMOMETHANE	N.D.	1.0	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	0.50	N.D.	--	1
CHLOROBENZENE	N.D.	0.50	N.D.	109	1
CHLOROETHANE	N.D.	1.0	N.D.	--	1
2-BUTANONE (MEK)	N.D.	50	N.D.	--	1
2-CHLOROETHYLVINYLETHER	N.D.	0.50	N.D.	--	1
CHLOROFORM	N.D.	0.50	N.D.	--	1
CHLOROMETHANE	N.D.	1.0	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	0.50	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	5.0	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	0.50	N.D.	--	1
DIBROMOMETHANE	N.D.	0.50	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	0.50	N.D.	--	1
1,1-DICHLOROETHANE	84	0.50	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	0.50	N.D.	--	1
1,1-DICHLOROETHENE	1.5	0.50	N.D.	86.4	1
1,2-DICHLOROETHENE (CIS)	25	0.50	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	0.50	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	0.50	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	0.50	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	0.50	N.D.	--	1
ETHYLBENZENE	N.D.	0.50	N.D.	--	1
2-HEXANONE	N.D.	50	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	1.0	N.D.	--	1
STYRENE	N.D.	0.50	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	0.50	N.D.	--	1
TETRACHLOROETHENE	18	0.50	N.D.	--	1
TOLUENE	N.D.	0.50	N.D.	93.0	1
1,1,1-TRICHLOROETHANE	N.D.	0.50	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	0.50	N.D.	--	1
TRICHLOROETHENE	6.5	0.50	N.D.	93.6	1
1,1,1,2-TETRACHLOROETHANE	N.D.	0.50	N.D.	--	1
VINYL ACETATE	N.D.	5.0	N.D.	--	1
VINYL CHLORIDE	3.1	0.50	N.D.	--	1

CHROMALAB, INC.

Environmental Services (SDB)

April 6, 1999

Submission #: 9903440
page 2

TCG
Atten: Woody Lovejoy
Project: KELLY MOORE ALBANY *Project#:* 990103
Received: March 30, 1999
re: One sample for Volatile Organics by GC/MS analysis, continued.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW 4**
Spl#: 234730 *Matrix:* WATER
Sampled: March 29, 1999 *Run#:* 18162 *Analyzed:* April 2, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	1.0	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	3.0	0.593	--	1
CARBON DISULFIDE	N.D.	1.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	0.50	N.D.	--	1
BROMOBENZENE	N.D.	0.50	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	1.0	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	0.50	N.D.	--	1

Alex Tam
Analyst

Michael Verona
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

April 6, 1999 *Submission #:* 9903440

TCG
Atten: Woody Lovejoy
Project: KELLY MOORE ALBANY *Project#:* 990103
Received: March 30, 1999
re: One sample for Volatile Organics by GC/MS analysis.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW 5**
Spl#: 234731 *Matrix:* WATER
Sampled: March 29, 1999 *Run#:* 18162 *Analyzed:* April 2, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	0.50	N.D.	98.3	1
BROMODICHLOROMETHANE	N.D.	0.50	N.D.	--	1
BROMOFORM	N.D.	0.50	N.D.	--	1
BROMOMETHANE	N.D.	1.0	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	0.50	N.D.	--	1
CHLOROBENZENE	N.D.	0.50	N.D.	109	1
CHLOROETHANE	N.D.	1.0	N.D.	--	1
2-BUTANONE (MEK)	N.D.	50	N.D.	--	1
2-CHLOROETHYLVINYLETHER	N.D.	0.50	N.D.	--	1
CHLOROFORM	0.97	0.50	N.D.	--	1
CHLOROMETHANE	N.D.	1.0	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	0.50	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	5.0	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	0.50	N.D.	--	1
DIBROMOMETHANE	N.D.	0.50	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	0.50	N.D.	--	1
1,1-DICHLOROETHANE	5.3	0.50	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	0.50	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	0.50	N.D.	86.4	1
1,2-DICHLOROETHENE (CIS)	N.D.	0.50	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	0.50	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	0.50	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	0.50	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	0.50	N.D.	--	1
ETHYLBENZENE	N.D.	0.50	N.D.	--	1
2-HEXANONE	N.D.	50	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	1.0	N.D.	--	1
STYRENE	N.D.	0.50	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	0.50	N.D.	--	1
TETRACHLOROETHENE	1.6	0.50	N.D.	--	1
TOLUENE	N.D.	0.50	N.D.	93.0	1
1,1,1-TRICHLOROETHANE	N.D.	0.50	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	0.50	N.D.	--	1
TRICHLOROETHENE	1.6	0.50	N.D.	93.6	1
1,1,1,2-TETRACHLOROETHANE	N.D.	0.50	N.D.	--	1
VINYL ACETATE	N.D.	5.0	N.D.	--	1
VINYL CHLORIDE	N.D.	0.50	N.D.	--	1

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CHROMALAB, INC.

Environmental Services (SDB)

April 6, 1999

Submission #: 9903440
page 2

TCG
Atten: Woody Lovejoy
Project: KELLY MOORE ALBANY *Project#:* 990103
Received: March 30, 1999
re: One sample for Volatile Organics by GC/MS analysis, continued.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW 5**
Spl#: 234731 *Matrix:* WATER
Sampled: March 29, 1999 *Run#:* 18162 *Analyzed:* April 2, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	1.0	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	3.0	0.593	--	1
CARBON DISULFIDE	N.D.	1.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	0.50	N.D.	--	1
BROMOBENZENE	N.D.	0.50	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	1.0	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	0.50	N.D.	--	1

Alex Tam
Analyst

Michael Verona
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

April 6, 1999 *Submission #:* 9903440

TCG
Atten: Woody Lovejoy
Project: KELLY MOORE ALBANY *Project#:* 990103
Received: March 30, 1999
re: One sample for Volatile Organics by GC/MS analysis.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW 6**
Spl#: 234732 *Matrix:* WATER
Sampled: March 29, 1999 *Run#:* 18162 *Analyzed:* April 2, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
ACETONE	N.D.	50	N.D.	--	1
BENZENE	N.D.	0.50	N.D.	98.3	1
BROMODICHLOROMETHANE	N.D.	0.50	N.D.	--	1
BROMOFORM	N.D.	0.50	N.D.	--	1
BROMOMETHANE	N.D.	1.0	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	0.50	N.D.	--	1
CHLOROBENZENE	N.D.	0.50	N.D.	109	1
CHLOROETHANE	N.D.	1.0	N.D.	--	1
2-BUTANONE (MEK)	N.D.	50	N.D.	--	1
2-CHLOROETHYLVINYLETHER	N.D.	0.50	N.D.	--	1
CHLOROFORM	0.78	0.50	N.D.	--	1
CHLOROMETHANE	N.D.	1.0	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	0.50	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,2-DIBROMO-3-CHLOROPROPANE	N.D.	5.0	N.D.	--	1
1,2-DIBROMOETHANE	N.D.	0.50	N.D.	--	1
DIBROMOMETHANE	N.D.	0.50	N.D.	--	1
DICHLORODIFLUOROMETHANE	N.D.	0.50	N.D.	--	1
1,1-DICHLOROETHANE	1.4	0.50	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	0.50	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	0.50	N.D.	86.4	1
1,2-DICHLOROETHENE (CIS)	N.D.	0.50	N.D.	--	1
1,2-DICHLOROETHENE (TRANS)	N.D.	0.50	N.D.	--	1
1,2-DICHLOROPROPANE	N.D.	0.50	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	0.50	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	0.50	N.D.	--	1
ETHYLBENZENE	N.D.	0.50	N.D.	--	1
2-HEXANONE	N.D.	50	N.D.	--	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
4-METHYL-2-PENTANONE (MIBK)	N.D.	50	N.D.	--	1
NAPHTHALENE	N.D.	1.0	N.D.	--	1
STYRENE	N.D.	0.50	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	0.50	N.D.	--	1
TETRACHLOROETHENE	6.8	0.50	N.D.	--	1
TOLUENE	N.D.	0.50	N.D.	93.0	1
1,1,1-TRICHLOROETHANE	N.D.	0.50	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	0.50	N.D.	--	1
TRICHLOROETHENE	0.80	0.50	N.D.	93.6	1
1,1,1,2-TETRACHLOROETHANE	N.D.	0.50	N.D.	--	1
VINYL ACETATE	N.D.	5.0	N.D.	--	1
VINYL CHLORIDE	N.D.	0.50	N.D.	--	1

1220 Quarry Lane • Pleasanton, California 94566-4756
(925) 484-1919 • Facsimile (925) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

April 6, 1999

Submission #: 9903440
page 2

TCG
Atten: Woody Lovejoy
Project: KELLY MOORE ALBANY *Project#:* 990103
Received: March 30, 1999
re: One sample for Volatile Organics by GC/MS analysis, continued.
Method: *SW846 Method 8260A Sept 1994*

Client Sample ID: **MW 6**
Spl#: 234732 *Matrix:* WATER
Sampled: March 29, 1999 *Run#:* 18162 *Analyzed:* April 2, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
TOTAL XYLENES	N.D.	1.0	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	3.0	0.593	--	1
CARBON DISULFIDE	N.D.	1.0	N.D.	--	1
ISOPROPYLBENZENE	N.D.	0.50	N.D.	--	1
BROMOBENZENE	N.D.	0.50	N.D.	--	1
BROMOCHLOROMETHANE	N.D.	1.0	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	0.50	N.D.	--	1

Alex Tam
Analyst

Michael Verona
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

1220 Quarry Lane • Pleasanton, California 94566-4756
510/484-1919 • Facsimile 510/484-1096

-135

Reference #: 45272

Chain of Custody

DATE 29 March 99 PAGE 1 OF 1

PROJ. MGR. Woody Lovejoy
COMPANY TCG/ProTech
ADDRESS 394 Acacia Way
Tiburon CA 94920

SAMPLERS (SIGNATURE) [signature]
(PHONE NO.) 415-381-2560
(FAX NO.) 415-381-1741

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH-(EPA 8015,8020) ☒ Gas w/☒ BTEX ☒ MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) ☐ Kerosene, ☐ Diesel, ☐ M.O.	PURGEABLE HALOCARBONS (HVOCs) (EPA 8010)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMIVOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B+F, E+F)		☐ PESTICIDES (EPA 8080) ☐ PCB'S (EPA 8080)	PNA's by ☐ 8270 ☐ 8310	☐ Spec. Cond. ☐ TSS ☐ TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	☐ W.E.T. (STLC) ☐ TCLP	☐ Hexavalent Chromium ☐ pH (24 hr hold time for H2O)				NUMBER OF CONTAINERS
MW 3	29 Mar		Water		X		X			X	X														9
MW 4	↓		↓		X		X			X	X														9
MW 5	↓		↓		X		X			X	X									3.2 C/10					9
MW 6	↓		↓		X		X			X	X									12 Amber / 24 VOAS					9

SUBM #: 9903446 REP: GC
CLIENT: TCG
DUE: 04/06/99
REF #:45272

PROJECT INFORMATION

PROJECT NAME: Sally Moore Albany
PROJECT NUMBER: 990103
P.O. #

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	36
HEAD SPACE	
TEMPERATURE	
CONFORMS TO RECORD	

TAT: (STANDARD 5-DAY) | 24 | 48 | 72 | OTHER

Report: ( ) Routine ( ) Level 2 ( ) Level 3 ( ) Level 4 ( ) Electronic Report

SPECIAL INSTRUCTIONS/COMMENTS:
Bill ProTech
Send Results to Woody Lovejoy

	1.	2.	3.
RELINQUISHED BY	(SIGNATURE) [signature] (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) [signature] (TIME) 1820
	(PRINTED NAME) S. Lovejoy Jr (DATE) 30 March 99	(PRINTED NAME) (DATE)	(PRINTED NAME) B. Moran (DATE) 3-30-99
	(COMPANY) TCG/ProTech	(COMPANY)	(COMPANY) Chromalab
RECEIVED BY	(SIGNATURE) [signature] (TIME) 1625	(SIGNATURE) (TIME)	RECEIVED BY (LABORATORY) (SIGNATURE) [signature] (TIME) 1820
	(PRINTED NAME) B. Moran (DATE) 3-30-99	(PRINTED NAME) (DATE)	(PRINTED NAME) A. Paredes (DATE) 3/30/99
	(COMPANY) Chromalab	(COMPANY)	(LAB) Chromalab

Revised 8/98

Fax COC to Woody 415-381-1741

CHROMALAB, INC.

Environmental Services (SDB)

April 6, 1999

Submission #: 9903440
page 2

TCG

Atten: Woody Lovejoy

Project: KELLY MOORE ALBANY *Project#:* 990103
Received: March 30, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis, continued.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW 3**
Spl#: 234729 *Matrix:* WATER *Extracted:* April 5, 1999
Sampled: March 29, 1999 *Run#:* 18203 *Analyzed:* April 5, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
FLUORENE	N.D.	5.0	N.D.	--	1
4-NITROANILINE	N.D.	10	N.D.	--	1
2-METHYL-4,6-DINITROPHENOL	N.D.	10	N.D.	--	1
n-NITROSODIPHENYLAMINE	N.D.	2.0	N.D.	--	1
4-BROMOPHENYL PHENYL ETHER	N.D.	5.0	N.D.	--	1
HEXACHLOROBENZENE	N.D.	2.0	N.D.	--	1
PENTACHLOROPHENOL	N.D.	10	N.D.	69.3	1
PHENANTHRENE	N.D.	2.0	N.D.	--	1
ANTHRACENE	N.D.	2.0	N.D.	--	1
DI-N-BUTYL PHTHALATE	N.D.	5.0	N.D.	--	1
FLUORANTHENE	N.D.	2.0	N.D.	--	1
PYRENE	N.D.	2.0	N.D.	66.3	1
BUTYL BENZYL PHTHALATE	N.D.	5.0	N.D.	--	1
3,3'-DICHLOROBENZIDINE	N.D.	5.0	N.D.	--	1
BENZO(A)ANTHRACENE	N.D.	2.0	N.D.	--	1
BIS(2-ETHYLHEXYL)PHTHALATE	N.D.	5.0	N.D.	--	1
CHRYSENE	N.D.	2.0	N.D.	--	1
DI-N-OCTYL PHTHALATE	N.D.	5.0	N.D.	--	1
BENZO(B)FLUORANTHENE	N.D.	2.0	N.D.	--	1
BENZO(K)FLUORANTHENE	N.D.	2.0	N.D.	--	1
BENZO(A)PYRENE	N.D.	2.0	N.D.	--	1
INDENO(1,2,3 C,D)PYRENE	N.D.	2.0	N.D.	--	1
DIBENZO(A,H)ANTHRACENE	N.D.	2.0	N.D.	--	1
BENZO(G,H,I)PERYLENE	N.D.	2.0	N.D.	--	1
BENZOIC ACID	N.D.	10	N.D.	--	1

Michael Lee
Analyst

Michael Verona
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

April 6, 1999 *Submission #:* 9903440

TCG

Atten: Woody Lovejoy

Project: KELLY MOORE ALBANY *Project#:* 990103
Received: March 30, 1999

re: One sample for Semivolatile Organics (B/NAs) analysis.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: **MW 4**
Spl#: 234730 *Matrix:* WATER *Extracted:* April 5, 1999
Sampled: March 29, 1999 *Run#:* 18203 *Analyzed:* April 5, 1999

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
PHENOL	N.D.	2.0	N.D.	20.3	1
BIS(2-CHLOROETHYL)ETHER	N.D.	2.0	N.D.	--	1
2-CHLOROPHENOL	N.D.	2.0	N.D.	67.0	1
1,3-DICHLOROBENZENE	N.D.	2.0	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	2.0	N.D.	72.3	1
BENZYL ALCOHOL	N.D.	5.0	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	2.0	N.D.	--	1
2-METHYLPHENOL	N.D.	2.0	N.D.	--	1
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	2.0	N.D.	--	1
4-METHYLPHENOL	N.D.	2.0	N.D.	--	1
N-NITROSO-DI-N-PROPYLAMINE	N.D.	2.0	N.D.	77.7	1
HEXACHLOROETHANE	N.D.	2.0	N.D.	--	1
NITROBENZENE	N.D.	2.0	N.D.	--	1
ISOPHORONE	N.D.	2.0	N.D.	--	1
2-NITROPHENOL	N.D.	2.0	N.D.	--	1
2,4-DIMETHYLPHENOL	N.D.	2.0	N.D.	--	1
BIS(2-CHLOROETHOXY)METHANE	N.D.	5.0	N.D.	--	1
2,4-DICHLOROPHENOL	N.D.	2.0	N.D.	--	1
1,2,4-TRICHLOROBENZENE	N.D.	2.0	N.D.	83.3	1
NAPHTHALENE	N.D.	2.0	N.D.	--	1
4-CHLOROANILINE	N.D.	2.0	N.D.	--	1
HEXACHLOROBUTADIENE	N.D.	2.0	N.D.	--	1
4-CHLORO-3-METHYLPHENOL	N.D.	5.0	N.D.	57.3	1
2-METHYLNAPHTHALENE	N.D.	2.0	N.D.	--	1
HEXACHLOROCYCLOPENTADIENE	N.D.	2.0	N.D.	--	1
2,4,6-TRICHLOROPHENOL	N.D.	2.0	N.D.	--	1
2,4,5-TRICHLOROPHENOL	N.D.	2.0	N.D.	--	1
2-CHLORONAPHTHALENE	N.D.	2.0	N.D.	--	1
2-NITROANILINE	N.D.	10	N.D.	--	1
DIMETHYL PHTHALATE	N.D.	5.0	N.D.	--	1
ACENAPHTHYLENE	N.D.	2.0	N.D.	--	1
3-NITROANILINE	N.D.	10	N.D.	--	1
ACENAPHTHENE	N.D.	2.0	N.D.	69.0	1
2,4-DINITROPHENOL	N.D.	10	N.D.	--	1
4-NITROPHENOL	N.D.	10	N.D.	10.5	1
DIBENZOFURAN	N.D.	2.0	N.D.	--	1
2,4-DINITROTOLUENE	N.D.	2.0	N.D.	63.7	1
2,6-DINITROTOLUENE	N.D.	5.0	N.D.	--	1
DIETHYL PHTHALATE	N.D.	5.0	N.D.	--	1
4-CHLOROPHENYL PHENYL ETHER	N.D.	2.0	N.D.	--	1