PHASE II ENVIRONMENTAL SITE ASSESSMENT
PLEASANTON ASSISTED LIVING FACILITY
JUNIPERO STREET AND SUNOL BOULEVARD
Pleasanton, California

BRIDGE Housing Corporation
San Francisco, California

21 June 2004
Project No. 3149.01

Treadwell&Rollo
Environmental and Geotechnical Consultants

Treadwell&Rollo

21 June 2004
Project 3149.01

Ms. Lisa Grady
BRIDGE Housing Corporation
345 Spear Street, Suite 700
San Francisco, California 94105-1673

Subject: Phase II Environmental Site Assessment
Pleasanton Assisted Living Facility
Junipero Street and Sunol Boulevard
Pleasanton, California

Dear Ms. Grady:

Treadwell & Rollo is pleased to submit the results of our Phase II Environmental Site Assessment (ESA) for the site of the proposed Pleasanton Assisted Living facility at the northwest corner of the intersection of Junipero Street and Sunol Boulevard in Pleasanton, California. This Phase II ESA was performed in accordance with the scope of work outlined in our proposal dated 9 January 2004 and our proposal for additional soil characterization dated 14 April 2004, authorized on 20 January 2004 and 16 April 2004, respectively.

The subject property is currently a vacant lot that encompasses an area of approximately 114,000 square feet (2.63 acres). The site was formerly part of the City of Pleasanton Corporation Yard that was used as evaporation ponds for treated sewage from the wastewater treatment plant located to the north. We understand the development proposed for the site consists of 86 assisted living units surrounding a common area and an Alzheimer wing containing 19 units. The proposed building will be two stories high, and of wood-framed construction. Other improvements at the site include two asphalt-paved parking lots, landscaping and concrete flatwork.

A Phase I ESA was performed by ATC Associates, Inc. of Pleasanton, California. In their 26 October 2001 report titled *Phase I Environmental Site Assessment of Vacant Lot, Corner of Sunol Boulevard and Junipero Street, Pleasanton, California*, ATC concluded that a recognized environmental condition was potentially present at the site and recommended a Phase II ESA be performed. To evaluate whether the past activities may have affected soil and/or groundwater quality at the site, we advanced four shallow borings, excavated 20 test pits, and collected soil and groundwater samples for analytical testing. Selected soil and groundwater samples were analyzed for specified potential contaminants based on our understanding of past activities on the site.

On the basis of the analytical test results from this Phase II ESA, we conclude there is minor soil contamination at the site that will require some mitigation measures and may impact construction costs for the proposed development. The soil contamination encountered consisted of four soil samples with elevated TEPH-d (total extractable petroleum hydrocarbons as diesel) and TEPH-mo (motor oil) concentrations at borings EB-3 and EB-4 and test pit TP-4. Because elevated TEPH-d and TEPH-mo were not detected in soil samples collected from other borings and test pits, we conclude the zone of TEPH-d and TEPH-mo impacted soil is localized. The most practical measure to mitigate this condition would be to excavate the impacted soil at EB-3, EB-4, and TP-4 and dispose of this material off site at a Class II landfill prior to site grading. The receiving landfill should be contacted to inquire whether they will require additional soil testing.

This assessment of site soil and groundwater conditions is necessarily limited by the number of soil samples obtained and analyzed. Facilities with a history of industrial uses, such as this site, often have heterogeneities of soil and groundwater conditions and/or underground structures (such as fuel tanks) that are not apparent or easily discoverable during Phase I or Phase II ESAs. Therefore, additional environmental condition may be encountered during redevelopment that was not identified by our investigation or the previous studies by others.

Please let us know if you have any questions regarding the report.

Sincerely yours,
TREADWELL & ROLLO, INC.

Linda H. J. Liang, P.E.
Project Engineer

Craig S. Shields, G.E.
Principal

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PHASE II ENVIRONMENTAL SITE ASSESSMENT
PLEASANTON ASSISTED LIVING FACILITY
JUNIPERO STREET AND SUNOL BOULEVARD
Pleasanton, California

1.0 INTRODUCTION

This report presents the results of the Phase II Environmental Site Assessment (ESA) performed by Treadwell & Rollo, Inc. for the proposed Pleasanton Assisted Living Facility site in Pleasanton, California. The site is located at the northwest corner of the intersection of Junipero Street and Sunol Boulevard, as shown on the Site Location Map, Figure 1. This Phase II ESA was performed in accordance with the scope of work outlined in our proposal dated 9 January 2004 and our proposal for additional soil characterization dated 14 April 2004, authorized on 20 January 2004 and 16 April 2004, respectively.

The subject property is currently a vacant lot that encompasses an area of approximately 114,000 square feet (2.63 acres). The site was formerly part of the City of Pleasanton Corporation Yard that was used as evaporation ponds for treated sewage from the wastewater treatment plant located to the north. We understand the proposed development will consist of 86 assisted living units surrounding a common area and an Alzheimer wing containing 19 units. The proposed building will be two stories high and of wood-framed construction. Other improvements at the site include two asphalt-paved parking lots, landscaping and concrete flatwork.

We previously performed a geotechnical investigation for the site and presented the results in the report titled *Geotechnical Investigation Pleasanton Assisted Living Facility, Pleasanton, California*, dated 17 July 2001. A Phase I ESA report was previously prepared by ATC Associates, Inc., of Pleasanton, California, titled *Phase I Environmental Site Assessment of Vacant Lot, Corner of Sunol Boulevard and Junipero Street, Pleasanton, California*, dated

26 October 2001. In their report, ATC concluded that a recognized environmental condition was potentially present at the site and recommended a Phase II ESA be performed.

2.0 OBJECTIVE AND SCOPE OF SERVICES

The objective of this Phase II ESA was to assess if hazardous substances or petroleum products have affected soil and/or groundwater beneath the site as a result of recognized environmental conditions identified in the ATC Phase I ESA report. The potential recognized environmental condition described by ATC was the potential for the gasoline compound methyl-tertiary-butyl-ether (MTBE) to have contaminated the groundwater under the site as a result of underground storage tanks formerly located to the north of the site in the former City of Pleasanton Corporation Yard. Also, because the soil used to fill the ponds was imported from unknown sources, we concluded the potential existed that some of the fill may be contaminated. We concurred the past activities may have affected soil and/or groundwater quality at the site and, therefore, soil and groundwater sampling and analytical testing were warranted. Specifically, our scope of services included:

- obtaining a field exploration permit from Zone 7 Water Agency,
- preparing a health and safety plan for field exploration,
- collecting soil and groundwater samples from four shallow borings,
- collecting soil samples from 20 test pits,
- selecting soil and groundwater samples for analytical laboratory tests, and
- evaluating the data and preparing this report.

3.0 FIELD INVESTIGATION

3.1 Test Borings

On 20 January 2004, four test borings, designated as EB-1 through EB-4, were advanced to collect soil and groundwater samples. The approximate locations of the borings are shown on the Site Plan, Figure 2. The borings were advanced using a truck-mounted drill rig equipped with eight-inch-diameter, hollow-stem flight augers. Borings EB-1 and EB-4 were advanced to 10.5 feet below the existing ground surface (bgs). Borings EB-2 and EB-3 were advanced to 19 feet bgs to ensure adequate groundwater production for sampling. A Treadwell & Rollo field engineer continuously logged the borings. Boring logs are provided in Appendix A.

Environmental soil samples were collected from each boring at depths of 1.0, 4.0, 7.0 and 10.0 feet bgs. The samples were collected using a California (CA) split-barrel sampler with 2.5-inch outside diameter and a 2.0-inch inside diameter, lined with stainless steel tubes. Sample tubes were capped with Teflon™ sheeting and plastic caps. The soil sampling equipment was decontaminated using Liquinox, an environmental decontamination agent, between each sampling event.

Groundwater samples were collected from borings EB-2 and EB-3 with dedicated disposable bailers and placed in hydrochloric-acid preserved VOAs or one-liter amber bottles, depending on the required analyses. All analytical samples from borings were appropriately labeled, placed in an ice-filled cooler and transported via courier to STL San Francisco, a California-certified analytical laboratory, for laboratory analysis.

All borings were grouted with neat cement grout after sampling was complete. Soil cuttings were left onsite adjacent to the boreholes.

3.2 Test Pits

Due to elevated concentrations of total extractable petroleum hydrocarbons as diesel (TEPH-d) and motor oil (TEPH-mo) in shallow soil samples from EB-3 and EB-4, which is discussed below in Section 5.0, we recommended additional soil characterization be performed to evaluate the extent of the TEPH-impacted soil. To evaluate the extent of TEPH-impacted soil, we excavated 20 shallow test pits, designated as TP-1 through TP-20, and collected soil samples for additional analytical testing. The approximate locations of the test pits are shown on Figure 2. The test pits were excavated to depths 5 to 8-1/2 feet bgs on 22 April 2004 using a rubber-tire backhoe. A Treadwell & Rollo field engineer continuously logged the test pits. Summary of soil conditions encountered in test pits are provided in Appendix A.

Environmental soil samples were collected from each test pit at 1- to 2-foot depth intervals. The soil samples were collected with two-inch-diameter stainless steel tubes. Sample tubes were capped with Teflon^{TM} sheeting and plastic caps. All analytical samples from test pits were appropriately labeled, placed in an ice-filled cooler and transported via courier to McCampbell Analytical, a California-certified analytical laboratory, for laboratory analysis.

The test pits were backfilled with excavated soil and tamped with the backhoe bucket. Depending on the location of the test pits relative to the proposed site improvements, it may be necessary to re-excavated and recompact the fill in the test pits during site grading activities of the proposed project.

4.0 SUBSURFACE CONDITIONS

Test borings advanced for this investigation and our previous geotechnical investigation indicate the site is underlain by approximately 5-1/2 to 10-1/2 feet of fill overlying native clay. The fill consists of dry to wet, medium stiff to hard clay with varying amounts of sand, gravel, construction debris, and some organics. The fill appears to be poorly to moderately compacted. The underlying native clay is medium stiff to stiff with varying amounts of sand and discontinuous lenses of loose to medium dense clayey sand with varying gravel content. The

native clay extends to the maximum depth explored of 25 feet bgs (during the previous geotechnical investigation).

Groundwater level measurements were taken up to 30 minutes after the borings were advanced. The measured groundwater levels ranged from 9.0 to 9.5 feet bgs in borings EB-2 and EB-3. Groundwater was not measured in other test borings due to the slow recovery of groundwater in the native clay. Based on these measurements, we believe the depth to groundwater was between 9 and 10 feet bgs at the time of our investigation. We estimate the groundwater level fluctuates on the order of 2 to 3 feet seasonally in this area. Measurements performed by others during previous investigations indicate groundwater flow is most likely to the west.

5.0 LABORATORY ANALYSES AND RESULTS

Analytical test results are summarized on Tables 1 through 3. The complete laboratory analytical reports are enclosed in Appendix B.

5.1 Laboratory Analyses

Soil samples from the borings were analyzed for a combination of the following analyses:

- total lead by EPA Method 6010,
- California Title 22 metals (CAM 17 metals) by EPA Method 6010 B,
- RCRA Priority Pollutants 13 metals by EPA Method 6010 B,
- semi-volatile organic compounds (SVOCs) by EPA Method 8270,
- TEPH-d and TEPH-mo by EPA Method 8015M,
- organochlorine pesticides by EPA Method 8081A,
- and polychlorinated biphenyls (PCBs) by EPA Method 8081A.

Groundwater samples were analyzed for a combination of the following:

- LUFT 5 metals by EPA Method 6010 B,
- volatile organic compounds (VOCs) by EPA Method 8260,
- total extractable petroleum hydrocarbons quantified as gasoline (TEPH-g) by EPA Method 8015,
- TEPH-d and TEPH-mo by EPA Method 8015M.

5.2 Evaluation Criteria

Metals detected in the soil samples included arsenic, barium, chromium, cobalt, copper, lead, mercury, nickel, vanadium, and zinc. The only metal detected in the groundwater samples was zinc. TEPH-d and TEPH-mo were detected in soil samples and TEPH-d was detected in groundwater samples. The metals and TEPH concentrations detected in the soil and groundwater were compared with current "Environmental Screening Levels" (ESLs) developed by the Regional Water Quality Control Board, San Francisco Bay Region (RWQCB). The RWQCB developed the ESLs to indicate contaminant concentrations below which no mitigation action will generally need to be taken to address risk to public health or the environment, or meet other regulatory standards. The ESLs used apply to groundwater or residential land-use scenarios for surface soils (soil shallower than about 10 feet) in areas where shallow groundwater is a current or potential source of drinking water.

For evaluating disposal requirements, if soil needs to be excavated and disposed off site, results are compared to regulatory criteria that define waste as hazardous (Class I) or non-hazardous (Class II or III) waste. These criteria include the California Soluble Threshold Limit Concentration (STLC) and Total Threshold Limit Concentration (TTLC), and the Federal Regulatory Level (RL), as set forth in Title 22 of the California Code of Regulations (CCR). The TTLC specifies in milligrams per kilograms (mg/kg) the total amount of a substance in soil that will require the soil to be disposed as a California hazardous waste. The STLC specifies in milligrams per liter (mg/l) the concentration of the soluble fraction of a substance in soil, as

determined by the California Waste Extraction Test (WET) that will require the soil to be disposed as a California hazardous waste. Generally, when the total concentration of a substance is an order of magnitude (10 times) greater in mg/kg than the STLC in mg/l, the soil should be tested for that substance using the WET, although the total concentration may be less than the TTLC. Thus, a soil may qualify as a California hazardous waste when the soluble fraction of a contaminant exceeds the STLC and the total concentration of the contaminant is less than the TTLC.

The RL specifies in mg/l the concentration of the soluble fraction of a substance in soil, as determined by the Toxicity Characteristic Leaching Procedure (TCLP) that will require the soil be disposed as a Federal, or Resource Conservation and Recovery Act (RCRA), hazardous waste. In general, if the total concentration of a substance in soil exceeds 20 times the RL, the soil should be tested for the soluble fraction of the substance using the TCLP, which will then be compared directly to the RL.

5.3 Soil Results

Soil samples from each of the borings were tested for metals. Samples EB-1-4.0, EB-2-3.5, EB-3-3.5, EB-4-4.0 were tested for total lead; samples EB-1-0.5 and EB-3-1.0 were analyzed for CAM 17 metals; and samples EB-2-1.0 and EB-4-1.0 were analyzed for Priority Pollutant 13 metals.

Table 1 shows analytical results for metals. Antimony, beryllium, cadmium, selenium, silver, and thallium were not detected in any sample tested. Arsenic, barium, cobalt, copper, lead, mercury, nickel, vanadium, and zinc were detected, but were all below their respective ESLs. One out of the four samples tested has chromium concentration slightly above ESLs.

Shallow (1.0 foot bgs) soil samples from borings EB-2 and EB-4 were tested for SVOCs, PCBs, and pesticides. SVOCs, PCBs, and pesticides were not detected in the soil above laboratory reporting limits in the samples tested, as shown on Table 2.

Table 2 shows analytical results for TEPH-d and TEPH-mo. Twelve samples from borings EB-1 through EB-4 and 40 samples from test pits TP-1 through TP-20 were tested for TEPH-d and TEPH-mo. Concentrations above ESLs for TEPH-d and TEPH-mo, 100 and 500 mg/kg, respectively, were encountered in EB-3-3.5, EB-4-1.0, EB-4-4.0, and TP-4-4.5. For disposal purposes, there are no TTLCs, STLCs or RLs for petroleum hydrocarbons. A general informal rule used to assist evaluation is that if TEPH concentrations in soil are greater than 1,000 mg/kg, the soil will most likely require disposal at a Class II facility. Also, depending on requirements by specific landfills, additional testing of soil with greater than 1,000 mg/kg TEPH may be required.

5.4 Groundwater Results

Groundwater was measured in the borings EB-2 and EB-3 at depths ranging from 9.0 to 9.5 feet bgs. No TEPH-mo, TEPH-g, or VOCs were detected in the groundwater. TEPH-d was detected in groundwater obtained from EB-2 and EB-3 at concentrations 86 and 250 microgram per liter (ug/L), respectively. The TEPH-d concentration of groundwater obtained from EB-3 is above ESLs where groundwater is a source of drinking water, but below ESLs where groundwater is not a source of drinking water.

Zinc was detected in groundwater from EB-2 and EB-3 at concentrations 0.018 and 0.024 ug/L, respectively. These concentrations are below ESLs for residential land-use. Other LUFT 5 metals were not detected in groundwater from EB-2 and EB-3.

6.0 CONCLUSIONS AND RECOMMENDATIONS

We have completed a Phase II ESA for the proposed Pleasanton Assisted Living Facility project site at the northwest corner of the intersection of Junipero Street and Sunol Boulevard in Pleasanton, California. Based on the data collected, we conclude there is minor soil contamination at the site that will require some mitigation measures and may impact construction costs for the proposed development. The soil contamination encountered consisted of four

samples with an elevated TEPH-mo concentration at EB-3-3.5, EB-4-1.0, EB-4-4.0, and TP-4-4.5. Since elevated TEPH-mo was not detected in soil samples collected from other borings and test pits, we conclude the zone of soil with elevated TEPH-mo concentrations is localized. The most practical measure to mitigate this condition would be to excavate the impacted soil at EB-3, EB-4, and TP-4 and disposed of the excavated soils off site at a Class II landfill prior to site grading. The receiving landfill should be contacted to inquire whether they will require additional soil testing. Excavation of impacted soil should extend a horizontal distance of five feet from EB-3, EB-4, and TP-4, and to a depth of five feet below the existing ground surface. Soil exposed at the perimeter and bottom of the excavation should be sampled and tested for TEPH-d and TEPH-mo to verify that impacted soil are removed from the site.

Concentrations of metals, TEPH-d, SVOCs, PCBs, and pesticides in soil, and metals, TEPH-g, TEPH-d, TEPH-mo, and VOCs in groundwater are below or slightly above ESLs for residential land-use. Consequently, we believe no additional investigation or remedial action is required.

This assessment of site soil and groundwater conditions is necessarily limited by the number of soil samples obtained and tested. Facilities with a history of industrial uses, such as this site, often have heterogeneties of soil and groundwater conditions and/or underground structures (such as fuel tanks) that are not apparent or easily discoverable during Phase I or Phase II ESAs. Therefore, additional environmental condition may be encountered during redevelopment that was not identified by our investigation or the previous studies by others.

7.0 LIMITATIONS

Treadwell & Rollo, Inc. performed this assessment in accordance with our proposals dated 9 January 2004 and 14 April 2004, authorized on 20 January 2004 and 16 April 2004, respectively. Reasonable effort has been made to check that the information obtained is factual and from reliable sources, but no responsibility is assumed for its accuracy. Treadwell & Rollo, Inc. assumes no responsibility or liability for errors in the information used or statements from sources other than those of Treadwell & Rollo, Inc.

The screening level approach employed for the soil and groundwater investigation has inherent limitations. For example, the distribution of chemical concentrations in the soil can vary spatially and over time. The chemical analysis results, valid as of the time of collection, are based on data collected at the sample locations only.

All conclusions and recommendations in this report concerning the subject property are those professional opinions of the Treadwell & Rollo, Inc. personnel involved with the project, and this report should not be considered legal advice regarding existing environmental regulations. Opinions presented herein apply to site conditions existing at the time of our assessment, and cannot necessarily be taken to apply to site changes or conditions of which we are not aware and have not had the opportunity to evaluate.

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TABLES

Table 1
Total Metals in Soil
Pleasanton Assisted Living Facility
Pleasanton, California

Sample ID	Sample Date	Depth (feet bgs)	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
EB-1	1/20/2004	0.5	<2.0	3.3	140	<0.5	<0.5	39	8.8	19	11	0.067	<1.0	50	<2.0	<1.0	<1.0	23	41
EB-1	1/20/2004	4.0	--	--	--	--	--	--	--	--	7.9	--	--	--	--	--	--	--	--
EB-2	1/20/2004	1.0	<2.0	2.9	--	<0.5	<0.5	33	--	14	5.7	<0.05	--	40	<2.0	<1.0	<1.0	--	25
EB-2	1/20/2004	3.5	--	--	--	--	--	--	--	--	17	--	--	--	--	--	--	--	--
EB-3	1/20/2004	1.0	<2.0	3.8	140	<0.5	<0.5	35	8.2	22	19	0.082	<1.0	45	<2.0	<1.0	<1.0	23	47
EB-3	1/20/2004	3.5	--	--	--	--	--	--	--	--	20	--	--	--	--	--	--	--	--
EB-4	1/20/2004	1.0	<2.0	3.8	--	<0.5	<0.5	59	--	19	8.5	<0.05	--	38	<2.0	<1.0	<1.0	--	37
EB-4	1/20/2004	4.0	--	--	--	--	--	--	--	--	14	--	--	--	--	--	--	--	--
ESL			6	6	750	4	17	58	40	230	200	3	40	150	10	20	1	110	600

Notes:
-- = Not analyzed
Results presented in milligrams per kilogram (mg/kg)
bgs = below ground surface
ND = not detected above laboratory report limit
EB-1 and EB-3 were analyzed for CAM 17 metals
EB-2 and EB-4 were analyzed for Priority Pollutants 13 metals
ESL = environmental screening level for shallow soils where groundwater is current or potential source of drinking water

Table 2
Results of TEPH, SVOC, PCBs and Pesticide Analysis in Soil
Pleasanton Assisted Living Facility
Pleasanton, California

Sample ID	Sample Date	Depth (feet bgs)	TEPH		All SVOCs	All PCBs	Pesticides
			TEPH-diesel	TEPH-motor oil			
EB-1	1/20/2004	0.5	2	<50	--	--	--
EB-1	1/20/2004	4.0	3	<50	--	--	--
EB-2	1/20/2004	1.0	<1.0	<50	ND	ND	ND
EB-2	1/20/2004	3.5	4	<50	--	--	--
EB-3	1/20/2004	1.0	3	<50	--	--	--
EB-3	1/20/2004	3.5	390	3,800	--	--	--
EB-3	1/20/2004	7.0	<1.0	<50	--	--	--
EB-3	1/20/2004	10.5	<1.0	<50	--	--	--
EB-4	1/20/2004	1.0	39	1,100	ND	ND	ND
EB-4	1/20/2004	4.0	350	4,400	--	--	--
EB-4	1/20/2004	7.0	<1.0	<50	--	--	--
EB-4	1/20/2004	10.0	<1.0	<50	--	--	--
TP-1	4/22/2004	2.0	4	29	--	--	--
TP-1	4/22/2004	4.0	<1.0	<5.0	--	--	--
TP-2	4/22/2004	2.5	24	280	--	--	--
TP-2	4/22/2004	4.5	11	32	--	--	--
TP-3	4/22/2004	1.0	4	42	--	--	--
TP-3	4/22/2004	3.0	7	100	--	--	--
TP-4	4/22/2004	1.5	2	22	--	--	--
TP-4	4/22/2004	4.5	160	1,700	--	--	--
TP-5	4/22/2004	1.0	4	35	--	--	--
TP-5	4/22/2004	4.0	2	<5.0	--	--	--
TP-6	4/22/2004	2.0	<1.0	<5.0	--	--	--
TP-6	4/22/2004	3.5	6	25	--	--	--
TP-7	4/22/2004	1.0	1	5	--	--	--
TP-7	4/22/2004	3.5	21	210	--	--	--
TP-8	4/22/2004	1.0	7	34	--	--	--
TP-8	4/22/2004	4.5	<1.0	7	--	--	--
TP-9	4/22/2004	2.5	19	98	--	--	--
TP-9	4/22/2004	4.0	<1.0	10	--	--	--
TP-10	4/22/2004	1.0	<1.0	6	--	--	--
TP-10	4/22/2004	4.5	<1.0	6	--	--	--
TP-11	4/22/2004	3.0	<1.0	5	--	--	--
TP-11	4/22/2004	5.5	3	24	--	--	--
TP-12	4/22/2004	2.5	20	220	--	--	--
TP-12	4/22/2004	3.5	<1.0	<5.0	--	--	--
TP-13	4/22/2004	1.0	1	8	--	--	--

Table 2
Results of TEPH, SVOC, PCBs and Pesticide Analysis in Soil
Pleasanton Assisted Living Facility
Pleasanton, California

Sample ID	Sample Date	Depth (feet bgs)	TEPH		All SVOCs	All PCBs	Pesticides
			TEPH-diesel	TEPH-motor oil			
TP-13	4/22/2004	4.5	<1.0	<5.0	--	--	--
TP-14	4/22/2004	2.0	<1.0	9	--	--	--
TP-14	4/22/2004	4.0	8	28	--	--	--
TP-15	4/22/2004	1.0	<1.0	<5.0	--	--	--
TP-15	4/22/2004	4.0	<1.0	<5.0	--	--	--
TP-16	4/22/2004	2.5	<1.0	7	--	--	--
TP-16	4/22/2004	4.0	<1.0	<5.0	--	--	--
TP-17	4/22/2004	2.0	<1.0	6	--	--	--
TP-17	4/22/2004	5.0	6	29	--	--	--
TP-18	4/22/2004	1.5	5	28	--	--	--
TP-18	4/22/2004	4.5	<1.0	<5.0	--	--	--
TP-19	4/22/2004	1.0	3	24	--	--	--
TP-19	4/22/2004	3.0	2	33	--	--	--
TP-20	4/22/2004	2.0	4	20	--	--	--
TP-20	4/22/2004	4.0	<1.0	<5.0	--	--	--
ESL			100	500	--	--	--

Notes:
-- = Not analyzed
Results presented in milligrams per kilogram (mg/kg)
ND = not detected above laboratory report limit
TEPH = total extractable petroleum hydrocarbons
SVOCs = semi-volative organic compounds
PCBs = polychlorinated biphenyls
ESL = environmental screening level for shallow soils where groundwater is current or potential source of drinking water

Table 3
Results of Grab Groundwater Analysis
Pleasanton Assisted Living Facility
Pleasanton, California

Sample ID	Sample Date	TEPH			All VOCs	LUFT 5 Metals				
		TEPH-gasoline	TEPH-diesel	TEPH-motor oil		Cd	Cr	Pb	Ni	Zn
EB-2	1/20/2004	<0.05	86	<0.5	ND	<0.002	<0.005	<0.005	<0.005	0.018
EB-3	1/20/2004	<0.05	250	<0.5	ND	<0.002	<0.005	<0.005	<0.005	0.024
ESL		100	100	100	--	2.2	50	2.5	8.2	81

Notes:
Results presented in micrograms per liter (ug/L)
ND = not detected above laboratory reporting limits
TPH = total petroleum hydrocarbons
VOCs = volatile organic compounds
LUFT 5 Metals: Cadmium (Cd), Chromium (Cr), Lead (Pb), Nickel (Ni), Zinc (Zn)
ESL = environmental screening level for groundwater where groundwater is current or potential source of drinking water

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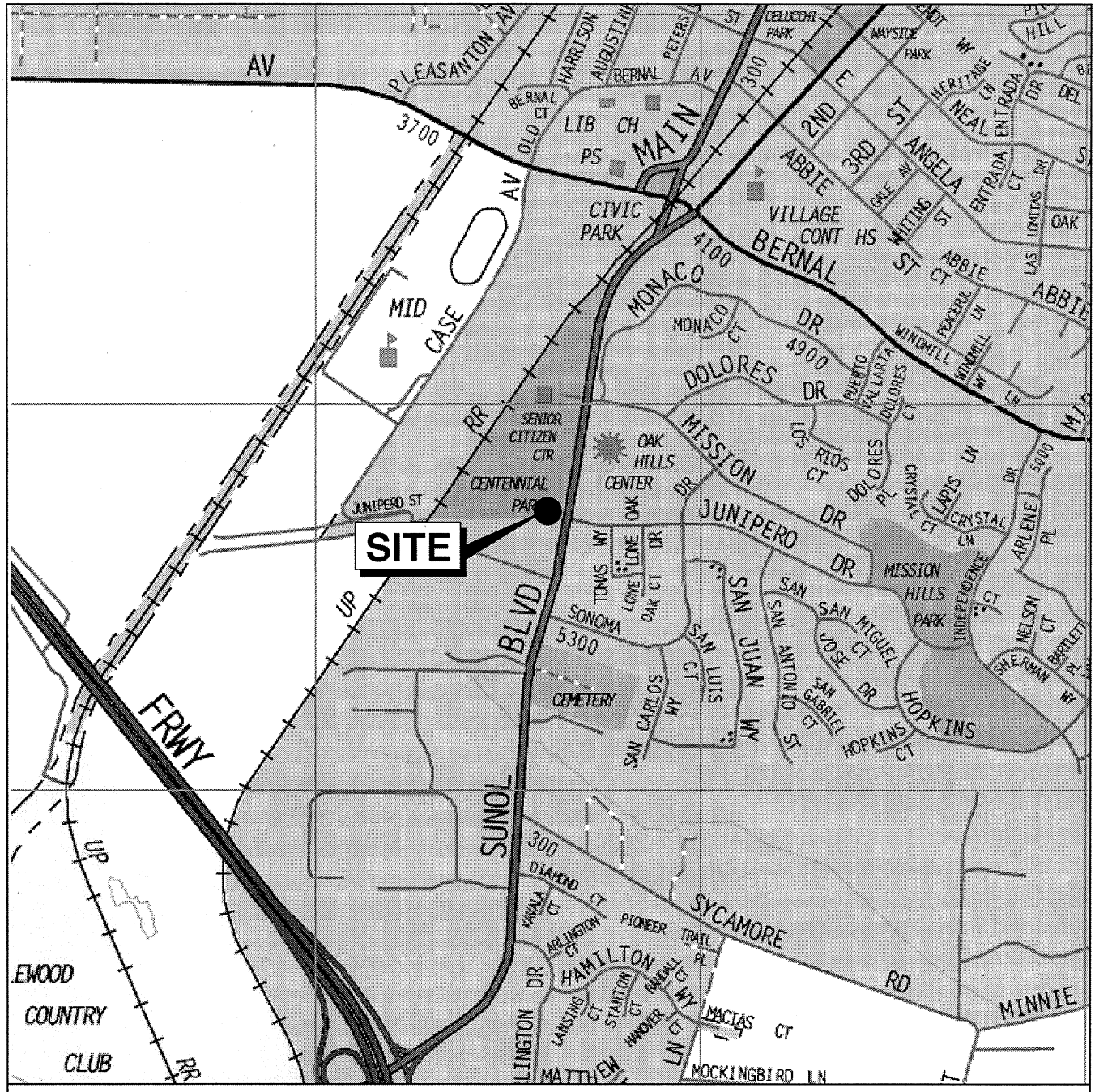
FIGURES



Base map: The Thomas Guide
Contra Costa County
1999

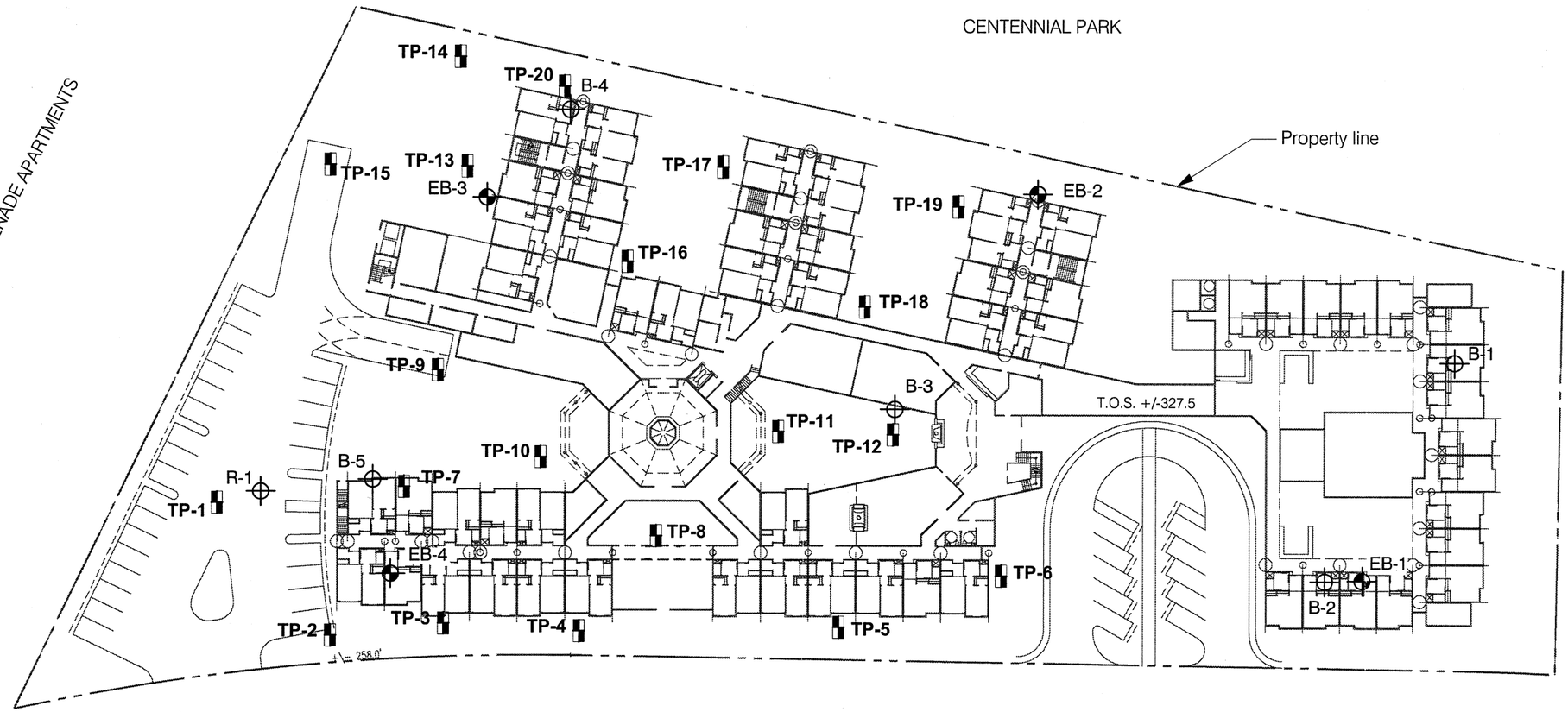
No scale

PLEASANTON ASSISTED LIVING FACILITY
Pleasanton, California

SITE LOCATION MAP

Treadwell&Rollo

Date 07/16/01	Project No. 3149.01	Figure 1



EXPLANATION

B-1 ⊕ Approximate location of test boring drilled by Treadwell & Rollo, Inc., on 23 May 2001

EB-1 ⊕ Approximate location of enviromnental soil borings drilled by Treadwell & Rollo, Inc., on January 2004

TP-1 Approximate location of test pits excavated by Treadwell & Rollo, Inc., on 22 April 2004

0 60 Feet

Approximate scale

Reference: Base drawing from The Steinberg Group titled Preliminary Site Plan dated 26 March 2001.

PLEASANTON ASSISTED LIVING FACILITY
Pleasanton, California

SITE PLAN

Date 05/20/04	Project No. 3149.01	Figure 2

Treadwell&Rollo

Site Plan.Dwg

APPENDIX A
Soil Boring Logs and Test Pit Summary

PROJECT:	PLEASANTON ASSISTED-LIVING FACILITY Pleasanton, California	**Log of Boring EB-1**	PAGE 1 OF 1

Boring location: See Site Plan, Figure 2 — Logged by: M. Pinheiro

Date started: 1/20/04 — Date finished: 1/20/04

Drilling method: Eight-inch-diameter, hollow-stem auger

Hammer weight/drop: 140 lbs./30 inches — Hammer type: Downhole

Sampler: California Sampler (CA)

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
					Ground Surface Elevation: 328 feet[2]						
1	CA		18	CL	SANDY CLAY (CL) brown, very stiff, moist, varying sand content, trace gravel						
2											
3					gravel and debris (50 blows, at 3/5 feet)						
4					SANDY CLAY (CL), and CLAYEY SAND (SC) brown and yellow-brown, stiff, moist						
5	CA		18								
6											
7	CA		5		FILL						
8				CL	CLAY (CL) olive-gray, medium stiff, moist, native?						
9											
10	CA		7								
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											

Boring terminated at 10.5 feet below ground surface. Boring backfilled with cement grout. No groundwater was encountered during drilling.

[1] California conversion using a factor of 0.8.

[2] Approximate elevation based on Topographic Map by Creegan & D'Anglo Consulting Civil and Structural Engineers, dated June 2001. Datum: National Geodetic Vertical Datum.

Treadwell&Rollo

Project No.: 3149.01 — Figure: A-6

TEST GEOTECH LOG 314901.GPJ TR.GDT 5/26/04

PROJECT: **PLEASANTON ASSISTED-LIVING FACILITY**
Pleasanton, California

Log of Boring EB-2

Boring location: See Site Plan, Figure 2 | Logged by: M. Pinheiro

Date started: 1/20/04 | Date finished: 1/20/04

Drilling method: Eight-inch-diameter, hollow-stem auger

Hammer weight/drop: 140 lbs./30 inches | Hammer type: Downhole

Sampler: California Sampler (CA)

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
					Ground Surface Elevation: 328 feet[2]						
1	CA		7		CLAY with SAND (CL) brown, medium stiff, moist, trace fine gravel						
2											
3					with bricks and gravel						
4	CA		29	CL							
5					FILL						
6											
7	CA		5								
8											
9					(3:30 PM, 1/20/04)						
10	CA		10		▽ CLAY (CL) olive-gray, stiff, wet						
11											
12	CA		10		olive-brown, increase stiffness						
13											
14				CL							
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											

Boring terminated at 19 feet below ground surface.
Boring backfilled with cement grout.
Goundwater was encountered at 9.5 feet.

[1] California conversion using a factor of 0.8.
[2] Approximate elevation based on Topographic Map by Creegan & D'Anglo Consulting Civil and Structural Engineers, dated June 2001. Datum: National Geodetic Vertical Datum.

Treadwell&Rollo

Project No.: 3149.01 | Figure: A-2

TEST GEOTECH LOG 314901_EB_STUDIES.GPJ TR.GDT 2/10/04

PROJECT:	PLEASANTON ASSISTED-LIVING FACILITY Pleasanton, California	**Log of Boring EB-3**	PAGE 1 OF 1

Boring location:	See Site Plan, Figure 2		Logged by: M. Pinheiro
Date started:	1/20/04	Date finished: 1/20/04	
Drilling method:	Eight-inch-diameter, hollow-stem auger		
Hammer weight/drop:	140 lbs./30 inches	Hammer type: Downhole	LABORATORY TEST DATA
Sampler:	California Sampler (CA)		

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
					Ground Surface Elevation: 326 feet[2]						
1	CA		15	CL	CLAY (CL) brown, stiff, moist, trace sand						
2				CL	CLAY with SAND (CL) brown, stiff, moist, trace gravel						
3					FILL						
4	CA		7	SP	SAND (SP) brown, loose, moist, trace fines,						
5											
6					CLAY (CL) gray-brown, medium stiff, moist						
7	CA		6								
8											
9					▽ (2:05 PM, 1/20/04) no recovery						
10	CA		9								
11	CA				stiff, wet						
12				CL							
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											

Boring terminated at 17 feet below ground surface.
Boring backfilled with cement grout. Goundwater was encountered at 9 feet.

[1] California conversion using a factor of 0.8.
[2] Approximate elevation based on Topographic Map by Creegan & D'Anglo Consulting Civil and Structural Engineers, dated June 2001. Datum: National Geodetic Vertical Datum.

Treadwell&Rollo

Project No.: 3149.01 | Figure: A-8

TEST GEOTECH LOG 314901.GPJ TR.GDT 5/26/04

PROJECT: **PLEASANTON ASSISTED-LIVING FACILITY**
Pleasanton, California

Log of Boring EB-4

Boring location: See Site Plan, Figure 2 | Logged by: M. Pinheiro

Date started: 1/20/04 | Date finished: 1/20/04

Drilling method: Eight-inch-diameter, hollow-stem auger

Hammer weight/drop: 140 lbs./30 inches | Hammer type: Downhole

Sampler: California Sampler (CA)

DEPTH (feet)	SAMPLES: Sampler Type	SAMPLES: Sample	SAMPLES: SPT N-Value[1]	LITHOLOGY	MATERIAL DESCRIPTION	LABORATORY TEST DATA: Type of Strength Test	Confining Pressure Lbs/Sq Ft	Shear Strength Lbs/Sq Ft	Fines %	Natural Moisture Content, %	Dry Density Lbs/Cu Ft
					Ground Surface Elevation: 326 feet[2]						
1	CA		32	CL	CLAY (CL) brown, stiff, moist						
2				CL	SANDY CLAY (CL) brown, very stiff, moist, with gravel red brick and concrete fragments						
3					FILL						
4	CA		24	SP-SM	SAND with SILT and GRAVEL (SP-SM) dark brown, medium dense, moist						
5											
6					CLAY (CL) olive-brown, medium stiff, moist						
7	CA		5								
8				CL							
9											
10	CA		5		brown						
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											

Boring terminated at 10.5 feet below ground surface.
Boring backfilled with cement grout.
No groundwater was encountered during drilling.

[1] California conversion using a factor of 0.8.
[2] Approximate elevation based on Topographic Map by Creegan & D'Anglo Consulting Civil and Structural Engineers, dated June 2001. Datum: National Geodetic Vertical Datum.

Treadwell&Rollo

Project No.: 3149.01 | Figure: A-4

TEST GEOTECH LOG 314901_EB_STUDIES.GPJ TR.GDT 2/10/04

Test Pit	Depth (feet)	Soil Description
TP-1	0 to 3	CLAY with SAND (CL) brown, very stiff, moist, trace of gravel, some asphalt and metal fragments [FILL]
	3 to 3.5	CLAYEY SAND (SC) mottled dark brown and yellow-brown, medium dense, moist [FILL]
	3.5 to 5	CLAY (CL) gray-brown, stiff, moist
TP-2	0 to 1.5	CLAY with SAND (CL) brown, stiff, moist, trace of gravel, some asphalt fragments [FILL]
	1.5 to 3.5	CLAYEY SAND with GRAVEL (SC) brown, dense, moist, increased asphalt content [FILL]
	3.5 to 7	SAND with GRAVEL (SP) black, medium dense, moist, abundant asphalt, some clayey sand lens [FILL]
TP-3	0 to 2	SANDY CLAY (CL) brown, very stiff, moist, trace of gravel with asphalt fragments [FILL]
	2 to 7.5	SANDY GRAVEL (GP) gray, medium dense, moist, with asphalt fragments [FILL]
TP-4	0 to 1	CLAY with SAND and GRAVEL (CL) brown, very stiff, moist [FILL]
	1 to 2	SANDY GRAVEL with CLAY (GP) brown, dense, moist [FILL]
	2 to 3	SANDY CLAY (CL) [FILL]
	3 to 6	SAND with GRAVEL (SP) gray, medium dense, moist, abundant asphalt [FILL]
	6 to 8.5	CLAY (CL) dark brown, soft to medium stiff, wet, with organics
TP-5	0 to 2	CLAY with SAND and GRAVEL (CL) brown, very stiff, moist, some asphalt at 2 feet [FILL]
	2 to 3.5	CLAY (CL) olive-brown, stiff, moist [FILL]
	3.5 to 5	SANDY CLAY (CL) yellow-brown, medium stiff to stiff, moist, concrete fragments at 5 feet [FILL]
	5 to 6	CLAY (CL) olive-gray, stiff, moist
TP-6	0 to 2.5	CLAY with SAND and GRAVEL (CL) brown, very stiff, moist [FILL]
	2.5 to 2.8	SAND (SP) [FILL]
	2.8 to 6	CLAY with SAND (CL) brown, stiff, moist, trace of gravel, occasional asphalt fragments [FILL]

Test Pit	Depth (feet)	Soil Description
TR-7	0 to 1.5	CLAY with SAND and GRAVEL (CL) brown, very stiff, moist, with plastic and small concrete fragments [FILL]
	1.5 to 3	SANDY CLAY (CL) brown, very stiff, moist, with cobbles and some concrete fragments [FILL]
	3 to 4.5	SAND with GRAVEL (SP) brown, medium dense, moist, with asphalt [FILL]
	4.5 to 5.5	CLAY (CL) gray-brown, stiff, moist
TR-8	0 to 1.5	SANDY CLAY with GRAVEL (CL) brown, very stiff, moist, with small concrete fragments [FILL]
	1.5 to 3.5	CLAYEY SAND WITH GRAVEL (SC) brown, medium dense to dense, moist, grades to SAND (SP) [FILL]
	3.5 to 6	CLAY (CL) olive-brown, medium stiff to stiff, moist, trace of sand and gravel, occasional asphalt [FILL]
TR-9	0 to 2	SANDY CLAY (CL) brown, very stiff, moist, trace of gravel and small metal fragments [FILL]
	2 to 3.5	SAND with CLAY and GRAVEL (SP-SC) brown, medium dense, moist, with asphalt [FILL]
	3.5 to 4	CLAY (CL) olive-brown, medium stiff, moist, occasional asphalt fragments [FILL]
	4 to 5	CLAY (CL) olive-brown, medium stiff, moist
TP-10	0 to 2	CLAY with SAND and GRAVEL (CL) brown, very stiff, moist, with organics and asphalt [FILL]
	2 to 4	GRAVELLY CLAY with SAND (CL) brown, very stiff, moist, with asphalt [FILL]
	4 to 6	CLAY (CL) olive-brown, stiff, moist, trace of gravel and sand
TR-11	0 to 1.5	SANDY CLAY with GRAVEL (CL) brown, very stiff, moist, with some asphalt and concrete fragments [FILL]
	1.5 to 8	SANDY CLAY (CL) brown, stiff, moist, with asphalt, trace of gravel, trace of sand [FILL]
TR-12	0 to 1.5	CLAY with SAND and GRAVEL (CL) brown, very stiff, moist [FILL]
	1.5 to 3	CLAYEY SAND (SC) brown, stiff, moist, with asphalt, plastic, and some gravel [FILL]
	3 to 6	CLAY (CL) olive-gray, stiff, moist
TP-13	0 to 2.5	CLAY with SAND and GRAVEL (CL) brown, very stiff, moist, with sand and asphalt and concrete fragments [FILL]
	2.5 to 5.5	SANDY CLAY (CL) brown, medium stiff to stiff, moist, trace of gravel

Test Pit	Depth (feet)	Soil Description
TP-14	0 to 1.5	CLAY with SAND and GRAVEL (CL) brown, very stiff, moist [FILL]
	1.5 to 4	CLAY with SAND (CL) brown, stiff, moist, some asphalt fragments [FILL]
	4 to 5	CLAY (CL) dark gray, stiff, moist
TP-15	0 to 1.5	CLAY with SAND and GRAVEL (CL) brown, very stiff, moist [FILL]
	1.5 to 4	CLAYEY SAND (SC) dark brown, medium dense, moist, trace of gravel with decaying wood, glass bottles, and metal [FILL]
	4 to 5	CLAY (CL) gray-brown, stiff, moist
TP-16	0 to 0.5	SANDY CLAY (CL) brown, very stiff, moist, trace of gravel and asphalt [FILL]
	0.5 to 3	SAND with GRAVEL and CLAY (SP-SC) brown, medium dense, moist, with asphalt
	3 to 5	SANDY CLAY (CL) yellow-brown, stiff, moist, some asphalt [FILL]
	5 to 6	CLAY (CL) mottled olive-brown and yellow, stiff, moist
TP-17	0 to 2.5	CLAY with SAND and GRAVEL (CL) brown, very stiff, moist, with pieces of asphalt [FILL]
	2.5 to 5	CLAY with SAND (CL) olive-brown, stiff, moist, occasional concrete fragments [FILL]
	5 to 6.5	CLAYEY SAND with GRAVEL (SC) gray, medium dense, moist, with large asphalt fragments [FILL]
	6.5 to 7	CLAY (CL)
TP-18	0 to 2.5	GRAVELLY CLAY with SAND (CL) brown, very stiff, moist, some asphalt fragments [FILL]
	2.5 to 6	SANDY CLAY (CL) brown, stiff, moist, occasional cobble
TP-19	0 to 1.5	SANDY CLAY with GRAVEL (CL) brown, very stiff, moist, with wood and asphalt fragments [FILL]
	1.5 to 3.5	SANDY CLAY (CL) brown, very stiff, moist, with concrete, asphalt, and metal [FILL]
	3.5 to 6	CLAY (CL) olive-brown, stiff, moist
TP-20	0 to 1	SANDY CLAY (CL) brown, very stiff, moist, trace of gravel [FILL]
	1 to 2	GRAVEL with SAND (GP) gray, dense, moist, with asphalt and plastic [FILL]
	2 to 5.5	SANDY CLAY (CL) gray-brown, medium stiff to stiff, moist

UNIFIED SOIL CLASSIFICATION SYSTEM

Major Divisions		Symbols	Typical Names
Coarse-Grained Soils (more than half of soil > no. 200 sieve size)	Gravels (More than half of coarse fraction > no. 4 sieve size)	GW	Well-graded gravels or gravel-sand mixtures, little or no fines
		GP	Poorly-graded gravels or gravel-sand mixtures, little or no fines
		GM	Silty gravels, gravel-sand-silt mixtures
		GC	Clayey gravels, gravel-sand-clay mixtures
	Sands (More than half of coarse fraction < no. 4 sieve size)	SW	Well-graded sands or gravelly sands, little or no fines
		SP	Poorly-graded sands or gravelly sands, little or no fines
		SM	Silty sands, sand-silt mixtures
		SC	Clayey sands, sand-clay mixtures
Fine-Grained Soils (more than half of soil < no. 200 sieve size)	Silts and Clays LL = < 50	ML	Inorganic silts and clayey silts of low plasticity, sandy silts, gravelly silts
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, lean clays
		OL	Organic silts and organic silt-clays of low plasticity
	Silts and Clays LL = > 50	MH	Inorganic silts of high plasticity
		CH	Inorganic clays of high plasticity, fat clays
		OH	Organic silts and clays of high plasticity
Highly Organic Soils		PT	Peat and other highly organic soils

GRAIN SIZE CHART

Classification	Range of Grain Sizes	
	U.S. Standard Sieve Size	Grain Size in Millimeters
Boulders	Above 12"	Above 305
Cobbles	12" to 3"	305 to 76.2
Gravel	3" to No. 4	76.2 to 4.76
coarse	3" to 3/4"	76.2 to 19.1
fine	3/4" to No. 4	19.1 to 4.76
Sand	No. 4 to No. 200	4.76 to 0.074
coarse	No. 4 to No. 10	4.76 to 2.00
medium	No. 10 to No. 40	2.00 to 0.420
fine	No. 40 to No. 200	0.420 to 0.074
Silt and Clay	Below No. 200	Below 0.074

Unstabilized groundwater level

Stabilized groundwater level

SAMPLE DESIGNATIONS/SYMBOLS

Sample taken with split-barrel sampler other than Standard Penetration Test sampler. Darkened area indicates soil recovered

Classification sample taken with Standard Penetration Test sampler

Undisturbed sample taken with thin-walled tube

Disturbed sample

Sampling attempted with no recovery

Core sample

Analytical laboratory sample

Sample taken with Direct Push sampler

SAMPLER TYPE

C Core barrel

CA California split-barrel sampler with 2.5-inch outside diameter and a 1.93-inch inside diameter

D&M Dames & Moore piston sampler using 2.5-inch outside diameter, thin-walled tube

O Osterberg piston sampler using 3.0-inch outside diameter, thin-walled Shelby tube

PT Pitcher tube sampler using 3.0-inch outside diameter, thin-walled Shelby tube

S&H Sprague & Henwood split-barrel sampler with a 3.0-inch outside diameter and a 2.43-inch inside diameter

SPT Standard Penetration Test (SPT) split-barrel sampler with a 2.0-inch outside diameter and a 1.5-inch inside diameter

ST Shelby Tube (3.0-inch outside diameter, thin-walled tube) advanced with hydraulic pressure

PLEASANTON ASSISTED LIVING FACILITY
Pleasanton, California

CLASSIFICATION CHART

Treadwell&Rollo

Date 05/20/04 | Project No. 3149.01 | Figure A-8

APPENDIX B
Laboratory Reports

SEVERN TRENT STL

Submission#: 2004-01-0776

Treadwell & Rollo Oakland

February 03, 2004

501 14th Street, third floor
Oakland, CA 94612

Attn.: Craig Shields

Project#: 3149.01
Project: Pleasanton Assisted Living Facility

Attached is our report for your samples received on 01/21/2004 00:00
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 03/06/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: ssidhu@stl-inc.com

Sincerely,

Surinder Sidhu

Surinder Sidhu
Project Manager

SEVERN TRENT STL

Submission #: 2004-01-0776

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living Facility

Received: 01/21/2004

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB3,#4@7.0`	01/20/2004	Soil	1
EB3,#6@10.5`	01/20/2004	Soil	2
EB4,#5@7.0`	01/20/2004	Soil	3
EB4,#7@10`	01/20/2004 14:10	Soil	4

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living Facility

Received: 01/21/2004

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB3,#4@7.0'**	Lab ID:	2004-01-0776 - 1
Sampled:	01/20/2004	Extracted:	1/29/2004 17:45
Matrix:	Soil	QC Batch#:	2004/01/29-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	01/30/2004 14:55	
Motor Oil	ND	50	mg/Kg	1.00	01/30/2004 14:55	
Surrogate(s)						
o-Terphenyl	73.3	60-130	%	1.00	01/30/2004 14:55	

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living Facility

Received: 01/21/2004

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB3,#6@10.5'**	Lab ID:	2004-01-0776 - 2
Sampled:	01/20/2004	Extracted:	1/29/2004 17:45
Matrix:	Soil	QC Batch#:	2004/01/29-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	01/30/2004 18:00	
Motor Oil	ND	50	mg/Kg	1.00	01/30/2004 18:00	
Surrogate(s)						
o-Terphenyl	85.3	60-130	%	1.00	01/30/2004 18:00	

SEVERN TRENT STL

Submission #: 2004-01-0776

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living Facility

Received: 01/21/2004

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB4,#5@7.0'**	Lab ID:	2004-01-0776 - 3
Sampled:	01/20/2004	Extracted:	1/29/2004 17:45
Matrix:	Soil	QC Batch#:	2004/01/29-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	01/30/2004 18:30	
Motor Oil	ND	50	mg/Kg	1.00	01/30/2004 18:30	
Surrogate(s)						
o-Terphenyl	84.2	60-130	%	1.00	01/30/2004 18:30	

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living Facility

Received: 01/21/2004

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB4,#7@10`**	Lab ID:	2004-01-0776 - 4
Sampled:	01/20/2004 14:10	Extracted:	1/29/2004 17:45
Matrix:	Soil	QC Batch#:	2004/01/29-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	01/30/2004 18:30	
Motor Oil	ND	50	mg/Kg	1.00	01/30/2004 18:30	
Surrogate(s)						
o-Terphenyl	74.7	60-130	%	1.00	01/30/2004 18:30	

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living Facility

Received: 01/21/2004

Batch QC Report

Prep(s): 3550/8015M
Method Blank
MB: 2004/01/29-05.10-001

Soil

Test(s): 8015M
QC Batch # 2004/01/29-05.10
Date Extracted: 01/29/2004 17:45

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	01/30/2004 14:25	
Motor Oil	ND	50	mg/Kg	01/30/2004 14:25	
Surrogates(s)					
o-Terphenyl	79.9	60-130	%	01/30/2004 14:25	

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living Facility

Received: 01/21/2004

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike **Soil** **QC Batch # 2004/01/29-05.10**

LCS 2004/01/29-05.10-002 Extracted: 01/29/2004 Analyzed: 01/30/2004 11:51
LCSD 2004/01/29-05.10-003 Extracted: 01/29/2004 Analyzed: 01/30/2004 12:22

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	40.4	40.5	41.5	97.3	97.8	0.5	60-130	25		
Surrogates(s)										
o-Terphenyl	17.7	17.8	20.0	88.6	89.1		60-130	0		

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living Facility

Received: 01/21/2004

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2004/01/29-05.10**

EB3,#4@7.0` >> MS

Lab ID: 2004-01-0776 - 001

MS: 2004/01/29-05.10-004 Extracted: 01/29/2004 Analyzed: 01/30/2004 16:58

Dilution: 1.00

MSD: 2004/01/29-05.10-005 Extracted: 01/29/2004 Analyzed: 01/30/2004 17:29

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Diesel	39.1	40.1	ND	41.4	94.4	96.4	2.1	60-130	25		
Surrogate(s)											
o-Terphenyl	17.3	17.2		20.0	86.3	85.8		60-130	0		

SEVERN TRENT STL

Submission#: 2004-01-0590

Treadwell & Rollo Oakland

January 28, 2004

501 14th Street, third floor
Oakland, CA 94612
Attn.: Craig Shields
Project#: 3149.01
Project: Pleasanton Assisted Living facility

Attached is our report for your samples received on 01/21/2004 17:30
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 03/06/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: ssidhu@stl-inc.com

Sincerely,

Surinder Sidhu

Surinder Sidhu
Project Manager

SEVERN TRENT STL

Submission#: 2004-01-0776

Treadwell & Rollo Oakland

February 03, 2004

501 14th Street, third floor
Oakland, CA 94612

Attn.: Craig Shields

Project#: 3149.01
Project: Pleasanton Assisted Living Facility

Attached is our report for your samples received on 01/21/2004 00:00
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 03/06/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: ssidhu@stl-inc.com

Sincerely,

Surinder Sidhu

Surinder Sidhu
Project Manager

SEVERN TRENT STL

Submission #: 2004-01-0590

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB1,# 1,@0.5`	01/20/2004	Soil	1
EB1,# 2,@4.0`	01/20/2004	Soil	2
EB2,# 1,@1.0`	01/20/2004	Soil	6
EB2,#3@3.5`	01/20/2004	Soil	8
EB3,#1@1.0`	01/20/2004	Soil	10
EB3,#3@3.5`	01/20/2004	Soil	12
EB4,#2@1.0`	01/20/2004	Soil	18
EB4,#4@4.0`	01/20/2004	Soil	20
EB3	01/20/2004 14:10	Water	24
EB2	01/20/2004 15:15	Water	25

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB1,# 1,@0.5'**	Lab ID:	2004-01-0590 - 1
Sampled:	01/20/2004	Extracted:	1/23/2004 12:19
Matrix:	Soil	QC Batch#:	2004/01/23-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.5	1.0	mg/Kg	1.00	01/23/2004 22:22	ndp
Motor Oil	ND	50	mg/Kg	1.00	01/23/2004 22:22	
Surrogate(s)						
o-Terphenyl	83.4	60-130	%	1.00	01/23/2004 22:22	

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland

Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB1,# 2,@4.0`**	Lab ID:	2004-01-0590 - 2
Sampled:	01/20/2004	Extracted:	1/23/2004 12:19
Matrix:	Soil	QC Batch#:	2004/01/23-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	3.4	1.0	mg/Kg	1.00	01/23/2004 22:52	ndp
Motor Oil	ND	50	mg/Kg	1.00	01/23/2004 22:52	
Surrogate(s)						
o-Terphenyl	81.7	60-130	%	1.00	01/23/2004 22:52	

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland

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501 14th Street, third floor
Oakland, CA 94612
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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB2,# 1,@1.0`**	Lab ID:	2004-01-0590 - 6
Sampled:	01/20/2004	Extracted:	1/23/2004 12:19
Matrix:	Soil	QC Batch#:	2004/01/23-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	01/24/2004 00:24	
Motor Oil	ND	50	mg/Kg	1.00	01/24/2004 00:24	
Surrogate(s)						
o-Terphenyl	81.4	60-130	%	1.00	01/24/2004 00:24	

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
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Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB2,#3@3.5'**	Lab ID:	2004-01-0590 - 8
Sampled:	01/20/2004	Extracted:	1/23/2004 12:19
Matrix:	Soil	QC Batch#:	2004/01/23-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	4.4	1.0	mg/Kg	1.00	01/23/2004 23:22	ndp
Motor Oil	ND	50	mg/Kg	1.00	01/23/2004 23:22	
Surrogate(s)						
o-Terphenyl	82.8	60-130	%	1.00	01/23/2004 23:22	

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB3,#1@1.0`**	Lab ID:	2004-01-0590 - 10
Sampled:	01/20/2004	Extracted:	1/23/2004 12:19
Matrix:	Soil	QC Batch#:	2004/01/23-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	2.6	1.0	mg/Kg	1.00	01/23/2004 23:53	ndp
Motor Oil	ND	50	mg/Kg	1.00	01/23/2004 23:53	
Surrogate(s)						
o-Terphenyl	87.7	60-130	%	1.00	01/23/2004 23:53	

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

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Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB3,#3@3.5`**	Lab ID:	2004-01-0590 - 12
Sampled:	01/20/2004	Extracted:	1/23/2004 12:19
Matrix:	Soil	QC Batch#:	2004/01/23-05.10

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	390	40	mg/Kg	40.00	01/24/2004 15:02	ndp
Motor Oil	3800	2000	mg/Kg	40.00	01/24/2004 15:02	
Surrogate(s)						
o-Terphenyl	NA	60-130	%	40.00	01/24/2004 15:02	sd

Total Extractable Petroleum Hydrocarbons (TEPH)

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Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB4,#2@1.0**	Lab ID:	2004-01-0590 - 18
Sampled:	01/20/2004	Extracted:	1/26/2004 10:05
Matrix:	Soil	QC Batch#:	2004/01/26-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	39	5.0	mg/Kg	5.00	01/27/2004 14:09	ndp
Motor Oil	1100	250	mg/Kg	5.00	01/27/2004 14:09	
Surrogate(s)						
o-Terphenyl	NA	60-130	%	5.00	01/27/2004 14:09	sd

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
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501 14th Street, third floor
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Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB4,#4@4.0**	Lab ID:	2004-01-0590 - 20
Sampled:	01/20/2004	Extracted:	1/23/2004 12:19
Matrix:	Soil	QC Batch#:	2004/01/23-05.10

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	350	40	mg/Kg	40.00	01/24/2004 15:32	ndp
Motor Oil	4400	2000	mg/Kg	40.00	01/24/2004 15:32	
Surrogate(s)						
o-Terphenyl	NA	60-130	%	40.00	01/24/2004 15:32	sd

Total Extractable Petroleum Hydrocarbons (TEPH)

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Attn.: Craig Shields

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**EB3**	Lab ID:	2004-01-0590 - 24
Sampled:	01/20/2004 14:10	Extracted:	1/23/2004 09:48
Matrix:	Water	QC Batch#:	2004/01/23-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	250	50	ug/L	1.00	01/24/2004 12:59	ndp
Motor Oil	ND	500	ug/L	1.00	01/24/2004 12:59	
Surrogate(s)						
o-Terphenyl	81.1	60-130	%	1.00	01/24/2004 12:59	

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**EB2**	Lab ID:	2004-01-0590 - 25
Sampled:	01/20/2004 15:15	Extracted:	1/23/2004 09:48
Matrix:	Water	QC Batch#:	2004/01/23-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	86	50	ug/L	1.00	01/24/2004 16:03	ndp
Motor Oil	ND	500	ug/L	1.00	01/24/2004 16:03	
Surrogate(s)						
o-Terphenyl	90.5	60-130	%	1.00	01/24/2004 16:03	

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3510/8015M
Method Blank
MB: 2004/01/23-03.10-001

Water

Test(s): 8015M
QC Batch # 2004/01/23-03.10
Date Extracted: 01/23/2004 09:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	01/23/2004 22:52	
Motor Oil	ND	500	ug/L	01/23/2004 22:52	
Surrogates(s)					
o-Terphenyl	78.5	60-130	%	01/23/2004 22:52	

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

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Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3550/8015M — Test(s): 8015M

Method Blank — **Soil** — **QC Batch # 2004/01/23-05.10**

MB: 2004/01/23-05.10-001 — Date Extracted: 01/23/2004 12:19

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	01/23/2004 21:20	
Motor Oil	ND	50	mg/Kg	01/23/2004 21:20	
Surrogates(s)					
o-Terphenyl	88.3	60-130	%	01/23/2004 21:20	

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

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Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3550/8015M
Test(s): 8015M

Method Blank
Soil
QC Batch # 2004/01/26-03.10

MB: 2004/01/26-03.10-001
Date Extracted: 01/26/2004 10:05

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	01/27/2004 00:47	
Motor Oil	ND	50	mg/Kg	01/27/2004 00:47	
Surrogates(s)					
o-Terphenyl	78.0	60-130	%	01/27/2004 00:47	

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2004/01/23-03.10**

LCS 2004/01/23-03.10-002 Extracted: 01/23/2004 Analyzed: 01/23/2004 23:22
LCSD 2004/01/23-03.10-003 Extracted: 01/23/2004 Analyzed: 01/23/2004 23:53

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	880	858	1000	88.0	85.8	2.5	60-130	25		
Surrogates(s)										
o-Terphenyl	16.0	15.8	20.0	80.2	79.2		60-130	0		

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike **Soil** **QC Batch # 2004/01/23-05.10**

LCS 2004/01/23-05.10-002 Extracted: 01/23/2004 Analyzed: 01/23/2004 21:51
LCSD 2004/01/23-05.10-003 Extracted: 01/23/2004 Analyzed: 01/23/2004 22:22

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	34.2	35.2	41.6	82.2	84.6	2.9	60-130	25		
Surrogates(s)										
o-Terphenyl	15.3	15.5	20.0	76.5	77.4		60-130	0		

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike **Soil** **QC Batch # 2004/01/26-03.10**

LCS 2004/01/26-03.10-002 Extracted: 01/26/2004 Analyzed: 01/26/2004 23:46
LCSD 2004/01/26-03.10-003 Extracted: 01/26/2004 Analyzed: 01/27/2004 00:16

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	32.6	33.3	41.3	78.9	80.2	1.6	60-130	25		
Surrogates(s)										
o-Terphenyl	15.4	15.6	20.0	76.8	78.0		60-130	0		

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Legend and Notes

Analysis Flag

o

Reporting limits were raised due to high level of analyte present in the sample.

Result Flag

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

sd

Surrogate recovery not reportable due to required dilution.

SEVERN TRENT STL

Submission #: 2004-01-0776

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living Facility

Received: 01/21/2004

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB3,#4@7.0`	01/20/2004	Soil	1
EB3,#6@10.5`	01/20/2004	Soil	2
EB4,#5@7.0`	01/20/2004	Soil	3
EB4,#7@10`	01/20/2004 14:10	Soil	4

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
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Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living Facility

Received: 01/21/2004

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB3,#4@7.0`**	Lab ID:	2004-01-0776 - 1
Sampled:	01/20/2004	Extracted:	1/29/2004 17:45
Matrix:	Soil	QC Batch#:	2004/01/29-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	01/30/2004 14:55	
Motor Oil	ND	50	mg/Kg	1.00	01/30/2004 14:55	
Surrogate(s)						
o-Terphenyl	73.3	60-130	%	1.00	01/30/2004 14:55	

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
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Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living Facility

Received: 01/21/2004

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB3,#6@10.5`**	Lab ID:	2004-01-0776 - 2
Sampled:	01/20/2004	Extracted:	1/29/2004 17:45
Matrix:	Soil	QC Batch#:	2004/01/29-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	01/30/2004 18:00	
Motor Oil	ND	50	mg/Kg	1.00	01/30/2004 18:00	
Surrogate(s)						
o-Terphenyl	85.3	60-130	%	1.00	01/30/2004 18:00	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 3149.01
Pleasanton Assisted Living Facility

Received: 01/21/2004

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB4,#5@7.0`**	Lab ID:	2004-01-0776 - 3
Sampled:	01/20/2004	Extracted:	1/29/2004 17:45
Matrix:	Soil	QC Batch#:	2004/01/29-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	01/30/2004 18:30	
Motor Oil	ND	50	mg/Kg	1.00	01/30/2004 18:30	
Surrogate(s)						
o-Terphenyl	84.2	60-130	%	1.00	01/30/2004 18:30	

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland
Attn.: Craig Shields

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Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living Facility

Received: 01/21/2004

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	**EB4,#7@10`**	Lab ID:	2004-01-0776 - 4
Sampled:	01/20/2004 14:10	Extracted:	1/29/2004 17:45
Matrix:	Soil	QC Batch#:	2004/01/29-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	01/30/2004 18:30	
Motor Oil	ND	50	mg/Kg	1.00	01/30/2004 18:30	
Surrogate(s)						
o-Terphenyl	74.7	60-130	%	1.00	01/30/2004 18:30	

Total Extractable Petroleum Hydrocarbons (TEPH)

Treadwell & Rollo Oakland

Attn.: Craig Shields

501 14th Street, third floor
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Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living Facility

Received: 01/21/2004

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Method Blank

Soil

QC Batch # 2004/01/29-05.10

MB: 2004/01/29-05.10-001

Date Extracted: 01/29/2004 17:45

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	01/30/2004 14:25	
Motor Oil	ND	50	mg/Kg	01/30/2004 14:25	
Surrogates(s)					
o-Terphenyl	79.9	60-130	%	01/30/2004 14:25	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike **Soil** **QC Batch # 2004/01/29-05.10**

LCS 2004/01/29-05.10-002 Extracted: 01/29/2004 Analyzed: 01/30/2004 11:51

LCSD 2004/01/29-05.10-003 Extracted: 01/29/2004 Analyzed: 01/30/2004 12:22

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	40.4	40.5	41.5	97.3	97.8	0.5	60-130	25		
Surrogates(s)										
o-Terphenyl	17.7	17.8	20.0	88.6	89.1		60-130	0		

Total Extractable Petroleum Hydrocarbons (TEPH)

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Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2004/01/29-05.10**

EB3,#4@7.0` >> MS

Lab ID: 2004-01-0776 - 001

MS: 2004/01/29-05.10-004 Extracted: 01/29/2004

Analyzed: 01/30/2004 16:58

Dilution: 1.00

MSD: 2004/01/29-05.10-005 Extracted: 01/29/2004

Analyzed: 01/30/2004 17:29

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Diesel	39.1	40.1	ND	41.4	94.4	96.4	2.1	60-130	25		
Surrogate(s)											
o-Terphenyl	17.3	17.2		20.0	86.3	85.8		60-130	0		

SEVERN TRENT STL

Submission #: 2004-01-0590

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB2,# 1,@1.0`	01/20/2004	Soil	6
EB4,#2@1.0`	01/20/2004	Soil	18

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**EB2,# 1,@1.0**	Lab ID:	2004-01-0590 - 6
Sampled:	01/20/2004	Extracted:	1/23/2004 18:35
Matrix:	Soil	QC Batch#:	2004/01/23-02.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
2-Chlorophenol	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Benzyl alcohol	ND	0.17	mg/Kg	1.00	01/26/2004 12:28	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
2-Methylphenol	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
4-Methylphenol	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Hexachloroethane	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Nitrobenzene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Isophorone	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
2-Nitrophenol	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
2,4-Dimethylphenol	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	1.00	01/26/2004 12:28	
2,4-Dichlorophenol	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Naphthalene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
4-Chloroaniline	ND	0.33	mg/Kg	1.00	01/26/2004 12:28	
Hexachlorobutadiene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	1.00	01/26/2004 12:28	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	1.00	01/26/2004 12:28	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
2-Chloronaphthalene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
2-Nitroaniline	ND	0.33	mg/Kg	1.00	01/26/2004 12:28	
Dimethyl phthalate	ND	0.17	mg/Kg	1.00	01/26/2004 12:28	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**EB2,# 1,@1.0`**	Lab ID:	2004-01-0590 - 6
Sampled:	01/20/2004	Extracted:	1/23/2004 18:35
Matrix:	Soil	QC Batch#:	2004/01/23-02.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Acenaphthylene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
3-Nitroaniline	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Acenaphthene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
2,4-Dinitrophenol	ND	0.33	mg/Kg	1.00	01/26/2004 12:28	
4-Nitrophenol	ND	0.33	mg/Kg	1.00	01/26/2004 12:28	
Dibenzofuran	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Diethyl phthalate	ND	0.17	mg/Kg	1.00	01/26/2004 12:28	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	1.00	01/26/2004 12:28	
Fluorene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
4-Nitroaniline	ND	0.33	mg/Kg	1.00	01/26/2004 12:28	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	1.00	01/26/2004 12:28	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	1.00	01/26/2004 12:28	
Hexachlorobenzene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Pentachlorophenol	ND	0.33	mg/Kg	1.00	01/26/2004 12:28	
Phenanthrene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Anthracene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Di-n-butyl phthalate	ND	0.17	mg/Kg	1.00	01/26/2004 12:28	
Fluoranthene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Pyrene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Butyl benzyl phthalate	ND	0.17	mg/Kg	1.00	01/26/2004 12:28	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	1.00	01/26/2004 12:28	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	1.00	01/26/2004 12:28	
Chrysene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Di-n-octyl phthalate	ND	0.17	mg/Kg	1.00	01/26/2004 12:28	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**EB2,# 1,@1.0**	Lab ID:	2004-01-0590 - 6
Sampled:	01/20/2004	Extracted:	1/23/2004 18:35
Matrix:	Soil	QC Batch#:	2004/01/23-02.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	01/26/2004 12:28	
Benzoic acid	ND	0.33	mg/Kg	1.00	01/26/2004 12:28	
Surrogate(s)						
Nitrobenzene-d5	59.0	23-120	%	1.00	01/26/2004 12:28	
2-Fluorobiphenyl	63.4	30-115	%	1.00	01/26/2004 12:28	
p-Terphenyl-d14	82.4	18-137	%	1.00	01/26/2004 12:28	
2-Fluorophenol	55.7	25-121	%	1.00	01/26/2004 12:28	
Phenol-d6	72.7	24-113	%	1.00	01/26/2004 12:28	
2,4,6-Tribromophenol	64.7	19-122	%	1.00	01/26/2004 12:28	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**EB4,#2@1.0**	Lab ID:	2004-01-0590 - 18
Sampled:	01/20/2004	Extracted:	1/23/2004 18:35
Matrix:	Soil	QC Batch#:	2004/01/23-02.11

Analysis Flag: sdo,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Bis(2-chloroethyl)ether	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
2-Chlorophenol	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
1,3-Dichlorobenzene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
1,4-Dichlorobenzene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Benzyl alcohol	ND	8.5	mg/Kg	50.00	01/27/2004 01:46	
1,2-Dichlorobenzene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
2-Methylphenol	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Bis(2-chloroisopropyl) ether	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
4-Methylphenol	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
N-Nitroso-di-n-propylamine	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Hexachloroethane	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Nitrobenzene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Isophorone	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
2-Nitrophenol	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
2,4-Dimethylphenol	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Bis(2-chloroethoxy) methane	ND	8.5	mg/Kg	50.00	01/27/2004 01:46	
2,4-Dichlorophenol	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
1,2,4-Trichlorobenzene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Naphthalene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
4-Chloroaniline	ND	17	mg/Kg	50.00	01/27/2004 01:46	
Hexachlorobutadiene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
4-Chloro-3-methylphenol	ND	8.5	mg/Kg	50.00	01/27/2004 01:46	
2-Methylnaphthalene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Hexachlorocyclopentadiene	ND	8.5	mg/Kg	50.00	01/27/2004 01:46	
2,4,6-Trichlorophenol	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
2,4,5-Trichlorophenol	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
2-Chloronaphthalene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
2-Nitroaniline	ND	17	mg/Kg	50.00	01/27/2004 01:46	

Semi-volatile analysis by GC/MS - EPA8270C

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Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**EB4,#2@1.0'**	Lab ID:	2004-01-0590 - 18
Sampled:	01/20/2004	Extracted:	1/23/2004 18:35
Matrix:	Soil	QC Batch#:	2004/01/23-02.11

Analysis Flag: sdo,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	8.5	mg/Kg	50.00	01/27/2004 01:46	
Acenaphthylene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
3-Nitroaniline	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Acenaphthene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
2,4-Dinitrophenol	ND	17	mg/Kg	50.00	01/27/2004 01:46	
4-Nitrophenol	ND	17	mg/Kg	50.00	01/27/2004 01:46	
Dibenzofuran	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
2,4-Dinitrotoluene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
2,6-Dinitrotoluene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Diethyl phthalate	ND	8.5	mg/Kg	50.00	01/27/2004 01:46	
4-Chlorophenyl phenyl ether	ND	8.5	mg/Kg	50.00	01/27/2004 01:46	
Fluorene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
4-Nitroaniline	ND	17	mg/Kg	50.00	01/27/2004 01:46	
2-Methyl-4,6-dinitrophenol	ND	17	mg/Kg	50.00	01/27/2004 01:46	
N-Nitrosodiphenylamine	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
4-Bromophenyl phenyl ether	ND	8.5	mg/Kg	50.00	01/27/2004 01:46	
Hexachlorobenzene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Pentachlorophenol	ND	17	mg/Kg	50.00	01/27/2004 01:46	
Phenanthrene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Anthracene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Di-n-butyl phthalate	ND	8.5	mg/Kg	50.00	01/27/2004 01:46	
Fluoranthene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Pyrene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Butyl benzyl phthalate	ND	8.5	mg/Kg	50.00	01/27/2004 01:46	
3,3-Dichlorobenzidine	ND	8.5	mg/Kg	50.00	01/27/2004 01:46	
Benzo(a)anthracene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
bis(2-Ethylhexyl) phthalate	ND	17	mg/Kg	50.00	01/27/2004 01:46	
Chrysene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Di-n-octyl phthalate	ND	8.5	mg/Kg	50.00	01/27/2004 01:46	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	**EB4,#2@1.0**	Lab ID:	2004-01-0590 - 18
Sampled:	01/20/2004	Extracted:	1/23/2004 18:35
Matrix:	Soil	QC Batch#:	2004/01/23-02.11

Analysis Flag: sdo,lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Benzo(k)fluoranthene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Benzo(a)pyrene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Indeno(1,2,3-c,d)pyrene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Dibenzo(a,h)anthracene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Benzo(g,h,i)perylene	ND	3.4	mg/Kg	50.00	01/27/2004 01:46	
Benzoic acid	ND	17	mg/Kg	50.00	01/27/2004 01:46	
Surrogate(s)						
Nitrobenzene-d5	NA	23-120	%	50.00	01/27/2004 01:46	
2-Fluorobiphenyl	NA	30-115	%	50.00	01/27/2004 01:46	
p-Terphenyl-d14	NA	18-137	%	50.00	01/27/2004 01:46	
2-Fluorophenol	NA	25-121	%	50.00	01/27/2004 01:46	
Phenol-d6	NA	24-113	%	50.00	01/27/2004 01:46	
2,4,6-Tribromophenol	NA	19-122	%	50.00	01/27/2004 01:46	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3550B/8270C
Method Blank
MB: 2004/01/23-02.11-001

Soil

Test(s): 8270C
QC Batch # 2004/01/23-02.11
Date Extracted: 01/23/2004 18:35

Compound	Conc.	RL	Unit	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	01/26/2004 11:01	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	01/26/2004 11:01	
2-Chlorophenol	ND	0.067	mg/Kg	01/26/2004 11:01	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	01/26/2004 11:01	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	01/26/2004 11:01	
Benzyl alcohol	ND	0.17	mg/Kg	01/26/2004 11:01	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	01/26/2004 11:01	
2-Methylphenol	ND	0.067	mg/Kg	01/26/2004 11:01	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	01/26/2004 11:01	
4-Methylphenol	ND	0.067	mg/Kg	01/26/2004 11:01	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	01/26/2004 11:01	
Hexachloroethane	ND	0.067	mg/Kg	01/26/2004 11:01	
Nitrobenzene	ND	0.067	mg/Kg	01/26/2004 11:01	
Isophorone	ND	0.067	mg/Kg	01/26/2004 11:01	
2-Nitrophenol	ND	0.067	mg/Kg	01/26/2004 11:01	
2,4-Dimethylphenol	ND	0.067	mg/Kg	01/26/2004 11:01	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	01/26/2004 11:01	
2,4-Dichlorophenol	ND	0.067	mg/Kg	01/26/2004 11:01	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	01/26/2004 11:01	
Naphthalene	ND	0.067	mg/Kg	01/26/2004 11:01	
4-Chloroaniline	ND	0.330	mg/Kg	01/26/2004 11:01	
Hexachlorobutadiene	ND	0.067	mg/Kg	01/26/2004 11:01	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	01/26/2004 11:01	
2-Methylnaphthalene	ND	0.067	mg/Kg	01/26/2004 11:01	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	01/26/2004 11:01	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	01/26/2004 11:01	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	01/26/2004 11:01	
2-Chloronaphthalene	ND	0.067	mg/Kg	01/26/2004 11:01	
2-Nitroaniline	ND	0.33	mg/Kg	01/26/2004 11:01	
Dimethyl phthalate	ND	0.17	mg/Kg	01/26/2004 11:01	

Semi-volatile analysis by GC/MS - EPA8270C

Treadwell & Rollo Oakland

Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3550B/8270C — Test(s): 8270C

Method Blank — **Soil** — **QC Batch # 2004/01/23-02.11**

MB: 2004/01/23-02.11-001 — Date Extracted: 01/23/2004 18:35

Compound	Conc.	RL	Unit	Analyzed	Flag
Acenaphthylene	ND	0.067	mg/Kg	01/26/2004 11:01	
3-Nitroaniline	ND	0.067	mg/Kg	01/26/2004 11:01	
Acenaphthene	ND	0.067	mg/Kg	01/26/2004 11:01	
2,4-Dinitrophenol	ND	0.33	mg/Kg	01/26/2004 11:01	
4-Nitrophenol	ND	0.33	mg/Kg	01/26/2004 11:01	
Dibenzofuran	ND	0.067	mg/Kg	01/26/2004 11:01	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	01/26/2004 11:01	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	01/26/2004 11:01	
Diethyl phthalate	ND	0.17	mg/Kg	01/26/2004 11:01	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	01/26/2004 11:01	
Fluorene	ND	0.067	mg/Kg	01/26/2004 11:01	
4-Nitroaniline	ND	0.33	mg/Kg	01/26/2004 11:01	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	01/26/2004 11:01	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	01/26/2004 11:01	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	01/26/2004 11:01	
Hexachlorobenzene	ND	0.067	mg/Kg	01/26/2004 11:01	
Pentachlorophenol	ND	0.33	mg/Kg	01/26/2004 11:01	
Phenanthrene	ND	0.067	mg/Kg	01/26/2004 11:01	
Anthracene	ND	0.067	mg/Kg	01/26/2004 11:01	
Di-n-butyl phthalate	ND	0.17	mg/Kg	01/26/2004 11:01	
Fluoranthene	ND	0.067	mg/Kg	01/26/2004 11:01	
Pyrene	ND	0.067	mg/Kg	01/26/2004 11:01	
Butyl benzyl phthalate	ND	0.17	mg/Kg	01/26/2004 11:01	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	01/26/2004 11:01	
Benzo(a)anthracene	ND	0.067	mg/Kg	01/26/2004 11:01	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	01/26/2004 11:01	
Chrysene	ND	0.067	mg/Kg	01/26/2004 11:01	
Di-n-octyl phthalate	ND	0.17	mg/Kg	01/26/2004 11:01	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	01/26/2004 11:01	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	01/26/2004 11:01	
Benzo(a)pyrene	ND	0.067	mg/Kg	01/26/2004 11:01	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3550B/8270C
Method Blank
MB: 2004/01/23-02.11-001

Soil

Test(s): 8270C
QC Batch # 2004/01/23-02.11
Date Extracted: 01/23/2004 18:35

Compound	Conc.	RL	Unit	Analyzed	Flag
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	01/26/2004 11:01	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	01/26/2004 11:01	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	01/26/2004 11:01	
Benzoic acid	ND	0.33	mg/Kg	01/26/2004 11:01	
Surrogates(s)					
Nitrobenzene-d5	72.7	23-120	%	01/26/2004 11:01	
2-Fluorobiphenyl	85.3	30-115	%	01/26/2004 11:01	
p-Terphenyl-d14	70.1	18-137	%	01/26/2004 11:01	
2-Fluorophenol	75.4	25-121	%	01/26/2004 11:01	
Phenol-d6	93.4	24-113	%	01/26/2004 11:01	
2,4,6-Tribromophenol	85.5	19-122	%	01/26/2004 11:01	

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Laboratory Control Spike | **Soil** | **QC Batch # 2004/01/23-02.11**

LCS 2004/01/23-02.11-002 Extracted: 01/23/2004 Analyzed: 01/26/2004 11:30

LCSD 2004/01/23-02.11-003 Extracted: 01/23/2004 Analyzed: 01/26/2004 11:59

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Phenol	1.65	1.63	1.99	82.9	81.9	1.2	20-90	35		
2-Chlorophenol	1.71	1.66	1.99	85.9	83.4	3.0	27-123	35		
1,4-Dichlorobenzene	0.770	0.810	0.996	77.3	81.2	4.9	28-104	30		
N-Nitroso-di-n-propylamine	0.960	0.900	0.996	96.4	90.3	6.5	25-114	39		
1,2,4-Trichlorobenzene	0.770	0.820	0.996	77.3	82.2	6.1	38-107	35		
4-Chloro-3-methylphenol	1.68	1.76	1.99	84.4	88.4	4.6	26-103	33		
Acenaphthene	0.850	0.880	0.996	85.3	88.3	3.5	49-102	30		
4-Nitrophenol	2.07	2.06	1.99	104.0	103.5	0.5	17-109	35		
2,4-Dinitrotoluene	1.000	0.940	0.996	100.4	94.3	6.3	39-139	38		
Pentachlorophenol	1.49	1.54	1.99	74.9	77.4	3.3	11-114	35		
Pyrene	0.680	0.670	0.996	68.3	67.2	1.6	25-117	35		
Surrogates(s)										
Nitrobenzene-d5	19.5	21.3	25	78.0	85.2		23-120			
2-Fluorobiphenyl	21.9	23.1	25	87.6	92.4		30-115			
p-Terphenyl-d14	19.1	19.4	25	76.4	77.6		18-137			
2-Fluorophenol	39.8	41.5	50	79.6	83.0		25-121			
Phenol-d6	53.2	53.9	50	106.4	107.8		24-113			
2,4,6-Tribromophenol	48.9	50.6	50	97.8	101.2		19-122			

Semi-volatile analysis by GC/MS - EPA8270C

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Legend and Notes

Analysis Flag

lrn

Reporting limits raised due to high level of non-target analyte materials.

sdo

Surrogate(s) diluted out

SEVERN TRENT STL

Submission #: 2004-01-0590

Volatile Organic Compounds by 8260B (Low Level)

Treadwell & Rollo Oakland

Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB3	01/20/2004 14:10	Water	24
EB2	01/20/2004 15:15	Water	25

Volatile Organic Compounds by 8260B (Low Level)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**EB3**	Lab ID:	2004-01-0590 - 24
Sampled:	01/20/2004 14:10	Extracted:	1/26/2004 19:19
Matrix:	Water	QC Batch#:	2004/01/26-01.07

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/L	1.00	01/26/2004 19:19	
Acetone	ND	50	ug/L	1.00	01/26/2004 19:19	
Benzene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
Bromodichloromethane	ND	0.50	ug/L	1.00	01/26/2004 19:19	
Bromobenzene	ND	1.0	ug/L	1.00	01/26/2004 19:19	
Bromochloromethane	ND	1.0	ug/L	1.00	01/26/2004 19:19	
Bromoform	ND	0.50	ug/L	1.00	01/26/2004 19:19	
Bromomethane	ND	1.0	ug/L	1.00	01/26/2004 19:19	
2-Butanone(MEK)	ND	50	ug/L	1.00	01/26/2004 19:19	
n-Butylbenzene	ND	1.0	ug/L	1.00	01/26/2004 19:19	
sec-Butylbenzene	ND	1.0	ug/L	1.00	01/26/2004 19:19	
tert-Butylbenzene	ND	1.0	ug/L	1.00	01/26/2004 19:19	
Carbon disulfide	ND	5.0	ug/L	1.00	01/26/2004 19:19	
Carbon tetrachloride	ND	0.50	ug/L	1.00	01/26/2004 19:19	
Chlorobenzene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
Chloroethane	ND	1.0	ug/L	1.00	01/26/2004 19:19	
2-Chloroethylvinyl ether	ND	5.0	ug/L	1.00	01/26/2004 19:19	
Chloroform	ND	1.0	ug/L	1.00	01/26/2004 19:19	
Chloromethane	ND	1.0	ug/L	1.00	01/26/2004 19:19	
2-Chlorotoluene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
4-Chlorotoluene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
Dibromochloromethane	ND	0.50	ug/L	1.00	01/26/2004 19:19	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
1,3-Dichloropropane	ND	1.0	ug/L	1.00	01/26/2004 19:19	
2,2-Dichloropropane	ND	0.50	ug/L	1.00	01/26/2004 19:19	
1,1-Dichloropropene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1.00	01/26/2004 19:19	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	01/26/2004 19:19	

Volatile Organic Compounds by 8260B (Low Level)

Treadwell & Rollo Oakland

Attn.: Craig Shields

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Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	5030B	Test(s):	8260B
Sample ID:	EB3	Lab ID:	2004-01-0590 - 24
Sampled:	01/20/2004 14:10	Extracted:	1/26/2004 19:19
Matrix:	Water	QC Batch#:	2004/01/26-01.07

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	0.50	ug/L	1.00	01/26/2004 19:19	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	01/26/2004 19:19	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	01/26/2004 19:19	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	01/26/2004 19:19	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	01/26/2004 19:19	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
Ethylbenzene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
Hexachlorobutadiene	ND	1.0	ug/L	1.00	01/26/2004 19:19	
2-Hexanone	ND	50	ug/L	1.00	01/26/2004 19:19	
Isopropylbenzene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
p-Isopropyltoluene	ND	1.0	ug/L	1.00	01/26/2004 19:19	
Methylene chloride	ND	5.0	ug/L	1.00	01/26/2004 19:19	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	01/26/2004 19:19	
Naphthalene	ND	1.0	ug/L	1.00	01/26/2004 19:19	
n-Propylbenzene	ND	1.0	ug/L	1.00	01/26/2004 19:19	
Styrene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	01/26/2004 19:19	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	01/26/2004 19:19	
Tetrachloroethene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
Toluene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1.00	01/26/2004 19:19	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1.00	01/26/2004 19:19	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	01/26/2004 19:19	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	01/26/2004 19:19	
Trichloroethene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	01/26/2004 19:19	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**EB3**	Lab ID:	2004-01-0590 - 24
Sampled:	01/20/2004 14:10	Extracted:	1/26/2004 19:19
Matrix:	Water	QC Batch#:	2004/01/26-01.07

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	01/26/2004 19:19	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	1.00	01/26/2004 19:19	
Vinyl acetate	ND	25	ug/L	1.00	01/26/2004 19:19	
Vinyl chloride	ND	0.50	ug/L	1.00	01/26/2004 19:19	
Total xylenes	ND	1.0	ug/L	1.00	01/26/2004 19:19	
Surrogate(s)						
4-Bromofluorobenzene	92.2	86-115	%	1.00	01/26/2004 19:19	
1,2-Dichloroethane-d4	92.3	76-114	%	1.00	01/26/2004 19:19	
Toluene-d8	100.2	88-110	%	1.00	01/26/2004 19:19	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**EB2**	Lab ID:	2004-01-0590 - 25
Sampled:	01/20/2004 15:15	Extracted:	1/27/2004 13:22
Matrix:	Water	QC Batch#:	2004/01/27-01.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/L	1.00	01/27/2004 13:22	
Acetone	ND	50	ug/L	1.00	01/27/2004 13:22	
Benzene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
Bromodichloromethane	ND	0.50	ug/L	1.00	01/27/2004 13:22	
Bromobenzene	ND	1.0	ug/L	1.00	01/27/2004 13:22	
Bromochloromethane	ND	1.0	ug/L	1.00	01/27/2004 13:22	
Bromoform	ND	0.50	ug/L	1.00	01/27/2004 13:22	
Bromomethane	ND	1.0	ug/L	1.00	01/27/2004 13:22	
2-Butanone(MEK)	ND	50	ug/L	1.00	01/27/2004 13:22	
n-Butylbenzene	ND	1.0	ug/L	1.00	01/27/2004 13:22	
sec-Butylbenzene	ND	1.0	ug/L	1.00	01/27/2004 13:22	
tert-Butylbenzene	ND	1.0	ug/L	1.00	01/27/2004 13:22	
Carbon disulfide	ND	5.0	ug/L	1.00	01/27/2004 13:22	
Carbon tetrachloride	ND	0.50	ug/L	1.00	01/27/2004 13:22	
Chlorobenzene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
Chloroethane	ND	1.0	ug/L	1.00	01/27/2004 13:22	
2-Chloroethylvinyl ether	ND	5.0	ug/L	1.00	01/27/2004 13:22	
Chloroform	ND	1.0	ug/L	1.00	01/27/2004 13:22	
Chloromethane	ND	1.0	ug/L	1.00	01/27/2004 13:22	
2-Chlorotoluene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
4-Chlorotoluene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
Dibromochloromethane	ND	0.50	ug/L	1.00	01/27/2004 13:22	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
1,3-Dichloropropane	ND	1.0	ug/L	1.00	01/27/2004 13:22	
2,2-Dichloropropane	ND	0.50	ug/L	1.00	01/27/2004 13:22	
1,1-Dichloropropene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1.00	01/27/2004 13:22	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	01/27/2004 13:22	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**EB2**	Lab ID:	2004-01-0590 - 25
Sampled:	01/20/2004 15:15	Extracted:	1/27/2004 13:22
Matrix:	Water	QC Batch#:	2004/01/27-01.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	0.50	ug/L	1.00	01/27/2004 13:22	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	01/27/2004 13:22	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	01/27/2004 13:22	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	01/27/2004 13:22	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	01/27/2004 13:22	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
Ethylbenzene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
Hexachlorobutadiene	ND	1.0	ug/L	1.00	01/27/2004 13:22	
2-Hexanone	ND	50	ug/L	1.00	01/27/2004 13:22	
Isopropylbenzene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
p-Isopropyltoluene	ND	1.0	ug/L	1.00	01/27/2004 13:22	
Methylene chloride	ND	5.0	ug/L	1.00	01/27/2004 13:22	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	01/27/2004 13:22	
Naphthalene	ND	1.0	ug/L	1.00	01/27/2004 13:22	
n-Propylbenzene	ND	1.0	ug/L	1.00	01/27/2004 13:22	
Styrene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	01/27/2004 13:22	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	01/27/2004 13:22	
Tetrachloroethene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
Toluene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1.00	01/27/2004 13:22	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1.00	01/27/2004 13:22	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	01/27/2004 13:22	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	01/27/2004 13:22	
Trichloroethene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	01/27/2004 13:22	

Volatile Organic Compounds by 8260B (Low Level)

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**EB2**	Lab ID:	2004-01-0590 - 25
Sampled:	01/20/2004 15:15	Extracted:	1/27/2004 13:22
Matrix:	Water	QC Batch#:	2004/01/27-01.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	01/27/2004 13:22	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	1.00	01/27/2004 13:22	
Vinyl acetate	ND	25	ug/L	1.00	01/27/2004 13:22	
Vinyl chloride	ND	0.50	ug/L	1.00	01/27/2004 13:22	
Total xylenes	ND	1.0	ug/L	1.00	01/27/2004 13:22	
Surrogate(s)						
4-Bromofluorobenzene	110.0	86-115	%	1.00	01/27/2004 13:22	
1,2-Dichloroethane-d4	92.7	76-114	%	1.00	01/27/2004 13:22	
Toluene-d8	99.7	88-110	%	1.00	01/27/2004 13:22	

Volatile Organic Compounds by 8260B (Low Level)

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Pleasanton Assisted Living facility

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Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/01/26-01.07**

MB: 2004/01/26-01.07-004 — Date Extracted: 01/26/2004 17:34

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/L	01/26/2004 17:34	
Acetone	ND	50	ug/L	01/26/2004 17:34	
Benzene	ND	0.5	ug/L	01/26/2004 17:34	
Bromodichloromethane	ND	0.5	ug/L	01/26/2004 17:34	
Bromobenzene	ND	1.0	ug/L	01/26/2004 17:34	
Bromochloromethane	ND	1.0	ug/L	01/26/2004 17:34	
Bromoform	ND	0.5	ug/L	01/26/2004 17:34	
Bromomethane	ND	1.0	ug/L	01/26/2004 17:34	
2-Butanone(MEK)	ND	50	ug/L	01/26/2004 17:34	
n-Butylbenzene	ND	1.0	ug/L	01/26/2004 17:34	
sec-Butylbenzene	ND	1.0	ug/L	01/26/2004 17:34	
tert-Butylbenzene	ND	1.0	ug/L	01/26/2004 17:34	
Carbon disulfide	ND	5.0	ug/L	01/26/2004 17:34	
Carbon tetrachloride	ND	0.5	ug/L	01/26/2004 17:34	
Chlorobenzene	ND	0.5	ug/L	01/26/2004 17:34	
Chloroethane	ND	1.0	ug/L	01/26/2004 17:34	
2-Chloroethylvinyl ether	ND	5.0	ug/L	01/26/2004 17:34	
Chloroform	ND	1.0	ug/L	01/26/2004 17:34	
Chloromethane	ND	1.0	ug/L	01/26/2004 17:34	
2-Chlorotoluene	ND	0.5	ug/L	01/26/2004 17:34	
4-Chlorotoluene	ND	0.5	ug/L	01/26/2004 17:34	
Dibromochloromethane	ND	0.5	ug/L	01/26/2004 17:34	
1,2-Dichlorobenzene	ND	0.5	ug/L	01/26/2004 17:34	
1,3-Dichlorobenzene	ND	0.5	ug/L	01/26/2004 17:34	
1,4-Dichlorobenzene	ND	0.5	ug/L	01/26/2004 17:34	
1,3-Dichloropropane	ND	1.0	ug/L	01/26/2004 17:34	
2,2-Dichloropropane	ND	0.5	ug/L	01/26/2004 17:34	
1,1-Dichloropropene	ND	0.5	ug/L	01/26/2004 17:34	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	01/26/2004 17:34	
1,2-Dibromoethane	ND	0.5	ug/L	01/26/2004 17:34	

Volatile Organic Compounds by 8260B (Low Level)

Treadwell & Rollo Oakland

Attn.: Craig Shields

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/01/26-01.07**

MB: 2004/01/26-01.07-004 — Date Extracted: 01/26/2004 17:34

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	0.5	ug/L	01/26/2004 17:34	
Dichlorodifluoromethane	ND	0.5	ug/L	01/26/2004 17:34	
1,1-Dichloroethane	ND	0.5	ug/L	01/26/2004 17:34	
1,2-Dichloroethane	ND	0.5	ug/L	01/26/2004 17:34	
1,1-Dichloroethene	ND	0.5	ug/L	01/26/2004 17:34	
cis-1,2-Dichloroethene	ND	0.5	ug/L	01/26/2004 17:34	
trans-1,2-Dichloroethene	ND	0.5	ug/L	01/26/2004 17:34	
1,2-Dichloropropane	ND	0.5	ug/L	01/26/2004 17:34	
cis-1,3-Dichloropropene	ND	0.5	ug/L	01/26/2004 17:34	
trans-1,3-Dichloropropene	ND	0.5	ug/L	01/26/2004 17:34	
Ethylbenzene	ND	0.5	ug/L	01/26/2004 17:34	
Hexachlorobutadiene	ND	1.0	ug/L	01/26/2004 17:34	
2-Hexanone	ND	50	ug/L	01/26/2004 17:34	
Isopropylbenzene	ND	0.5	ug/L	01/26/2004 17:34	
p-Isopropyltoluene	ND	1.0	ug/L	01/26/2004 17:34	
Methylene chloride	ND	5.0	ug/L	01/26/2004 17:34	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	01/26/2004 17:34	
Naphthalene	ND	1.0	ug/L	01/26/2004 17:34	
n-Propylbenzene	ND	1.0	ug/L	01/26/2004 17:34	
Styrene	ND	0.5	ug/L	01/26/2004 17:34	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	01/26/2004 17:34	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	01/26/2004 17:34	
Tetrachloroethene	ND	0.5	ug/L	01/26/2004 17:34	
Toluene	ND	0.5	ug/L	01/26/2004 17:34	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	01/26/2004 17:34	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	01/26/2004 17:34	
1,1,1-Trichloroethane	ND	0.5	ug/L	01/26/2004 17:34	
1,1,2-Trichloroethane	ND	0.5	ug/L	01/26/2004 17:34	
Trichloroethene	ND	0.5	ug/L	01/26/2004 17:34	
Trichlorofluoromethane	ND	1.0	ug/L	01/26/2004 17:34	
Trichlorotrifluoroethane	ND	0.5	ug/L	01/26/2004 17:34	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/01/26-01.07**

MB: 2004/01/26-01.07-004 — Date Extracted: 01/26/2004 17:34

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	0.5	ug/L	01/26/2004 17:34	
1,3,5-Trimethylbenzene	ND	0.5	ug/L	01/26/2004 17:34	
Vinyl acetate	ND	25	ug/L	01/26/2004 17:34	
Vinyl chloride	ND	0.5	ug/L	01/26/2004 17:34	
Total xylenes	ND	1.0	ug/L	01/26/2004 17:34	
Surrogates(s)					
4-Bromofluorobenzene	90.8	86-115	%	01/26/2004 17:34	
1,2-Dichloroethane-d4	87.2	76-114	%	01/26/2004 17:34	
Toluene-d8	96.5	88-110	%	01/26/2004 17:34	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 3149.01
Pleasanton Assisted Living facility

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Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/01/27-01.60**

MB: 2004/01/27-01.60-033 — Date Extracted: 01/27/2004 10:33

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/L	01/27/2004 10:33	
Acetone	ND	50	ug/L	01/27/2004 10:33	
Benzene	ND	0.5	ug/L	01/27/2004 10:33	
Bromodichloromethane	ND	0.5	ug/L	01/27/2004 10:33	
Bromobenzene	ND	1.0	ug/L	01/27/2004 10:33	
Bromochloromethane	ND	1.0	ug/L	01/27/2004 10:33	
Bromoform	ND	0.5	ug/L	01/27/2004 10:33	
Bromomethane	ND	1.0	ug/L	01/27/2004 10:33	
2-Butanone(MEK)	ND	50	ug/L	01/27/2004 10:33	
n-Butylbenzene	ND	1.0	ug/L	01/27/2004 10:33	
sec-Butylbenzene	ND	1.0	ug/L	01/27/2004 10:33	
tert-Butylbenzene	ND	1.0	ug/L	01/27/2004 10:33	
Carbon disulfide	ND	5.0	ug/L	01/27/2004 10:33	
Carbon tetrachloride	ND	0.5	ug/L	01/27/2004 10:33	
Chlorobenzene	ND	0.5	ug/L	01/27/2004 10:33	
Chloroethane	ND	1.0	ug/L	01/27/2004 10:33	
2-Chloroethylvinyl ether	ND	5.0	ug/L	01/27/2004 10:33	
Chloroform	ND	1.0	ug/L	01/27/2004 10:33	
Chloromethane	ND	1.0	ug/L	01/27/2004 10:33	
2-Chlorotoluene	ND	0.5	ug/L	01/27/2004 10:33	
4-Chlorotoluene	ND	0.5	ug/L	01/27/2004 10:33	
Dibromochloromethane	ND	0.5	ug/L	01/27/2004 10:33	
1,2-Dichlorobenzene	ND	0.5	ug/L	01/27/2004 10:33	
1,3-Dichlorobenzene	ND	0.5	ug/L	01/27/2004 10:33	
1,4-Dichlorobenzene	ND	0.5	ug/L	01/27/2004 10:33	
1,3-Dichloropropane	ND	1.0	ug/L	01/27/2004 10:33	
2,2-Dichloropropane	ND	0.5	ug/L	01/27/2004 10:33	
1,1-Dichloropropene	ND	0.5	ug/L	01/27/2004 10:33	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	01/27/2004 10:33	
1,2-Dibromoethane	ND	0.5	ug/L	01/27/2004 10:33	
Dibromomethane	ND	0.5	ug/L	01/27/2004 10:33	

Volatile Organic Compounds by 8260B (Low Level)

Treadwell & Rollo Oakland

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/01/27-01.60**

MB: 2004/01/27-01.60-033 — Date Extracted: 01/27/2004 10:33

Compound	Conc.	RL	Unit	Analyzed	Flag
Dichlorodifluoromethane	ND	0.5	ug/L	01/27/2004 10:33	
1,1-Dichloroethane	ND	0.5	ug/L	01/27/2004 10:33	
1,2-Dichloroethane	ND	0.5	ug/L	01/27/2004 10:33	
1,1-Dichloroethene	ND	0.5	ug/L	01/27/2004 10:33	
cis-1,2-Dichloroethene	ND	0.5	ug/L	01/27/2004 10:33	
trans-1,2-Dichloroethene	ND	0.5	ug/L	01/27/2004 10:33	
1,2-Dichloropropane	ND	0.5	ug/L	01/27/2004 10:33	
cis-1,3-Dichloropropene	ND	0.5	ug/L	01/27/2004 10:33	
trans-1,3-Dichloropropene	ND	0.5	ug/L	01/27/2004 10:33	
Ethylbenzene	ND	0.5	ug/L	01/27/2004 10:33	
Hexachlorobutadiene	ND	1.0	ug/L	01/27/2004 10:33	
2-Hexanone	ND	50	ug/L	01/27/2004 10:33	
Isopropylbenzene	ND	0.5	ug/L	01/27/2004 10:33	
p-Isopropyltoluene	ND	1.0	ug/L	01/27/2004 10:33	
Methylene chloride	ND	5.0	ug/L	01/27/2004 10:33	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	01/27/2004 10:33	
Naphthalene	ND	1.0	ug/L	01/27/2004 10:33	
n-Propylbenzene	ND	1.0	ug/L	01/27/2004 10:33	
Styrene	ND	0.5	ug/L	01/27/2004 10:33	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	01/27/2004 10:33	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	01/27/2004 10:33	
Tetrachloroethene	ND	0.5	ug/L	01/27/2004 10:33	
Toluene	ND	0.5	ug/L	01/27/2004 10:33	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	01/27/2004 10:33	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	01/27/2004 10:33	
1,1,1-Trichloroethane	ND	0.5	ug/L	01/27/2004 10:33	
1,1,2-Trichloroethane	ND	0.5	ug/L	01/27/2004 10:33	
Trichloroethene	ND	0.5	ug/L	01/27/2004 10:33	
Trichlorofluoromethane	ND	1.0	ug/L	01/27/2004 10:33	
Trichlorotrifluoroethane	ND	0.5	ug/L	01/27/2004 10:33	
1,2,4-Trimethylbenzene	ND	0.5	ug/L	01/27/2004 10:33	

Volatile Organic Compounds by 8260B (Low Level)

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Project: 3149.01
Pleasanton Assisted Living facility

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Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/01/27-01.60**

MB: 2004/01/27-01.60-033 — Date Extracted: 01/27/2004 10:33

Compound	Conc.	RL	Unit	Analyzed	Flag
1,3,5-Trimethylbenzene	ND	0.5	ug/L	01/27/2004 10:33	
Vinyl acetate	ND	25	ug/L	01/27/2004 10:33	
Vinyl chloride	ND	0.5	ug/L	01/27/2004 10:33	
Total xylenes	ND	1.0	ug/L	01/27/2004 10:33	
Surrogates(s)					
4-Bromofluorobenzene	109.6	86-115	%	01/27/2004 10:33	
1,2-Dichloroethane-d4	91.0	76-114	%	01/27/2004 10:33	
Toluene-d8	98.3	88-110	%	01/27/2004 10:33	

Volatile Organic Compounds by 8260B (Low Level)

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Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike | **Water** | **QC Batch # 2004/01/26-01.07**

LCS 2004/01/26-01.07-002 Extracted: 01/26/2004 Analyzed: 01/26/2004 16:43

LCSD 2004/01/26-01.07-003 Extracted: 01/26/2004 Analyzed: 01/26/2004 17:08

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	21.0	19.5	20.0	105.0	97.5	7.4	69-129	20		
Chlorobenzene	21.4	21.6	20.0	107.0	108.0	0.9	61-121	20		
1,1-Dichloroethene	19.6	20.6	20.0	98.0	103.0	5.0	65-125	20		
Toluene	20.3	20.2	20.0	101.5	101.0	0.5	70-130	20		
Trichloroethene	21.6	20.6	20.0	108.0	103.0	4.7	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	444	439	500	88.8	87.8		86-115			
1,2-Dichloroethane-d4	439	460	500	87.8	92.0		76-114			
Toluene-d8	475	480	500	95.0	96.0		88-110			

Volatile Organic Compounds by 8260B (Low Level)

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/01/27-01.60**

LCS 2004/01/27-01.60-025 Extracted: 01/27/2004 Analyzed: 01/27/2004 09:25
LCSD 2004/01/27-01.60-059 Extracted: 01/27/2004 Analyzed: 01/27/2004 09:59

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	19.7	21.3	20.0	98.5	106.5	7.8	69-129	20		
Chlorobenzene	19.9	21.9	20.0	99.5	109.5	9.6	61-121	20		
1,1-Dichloroethene	17.7	19.5	20.0	88.5	97.5	9.7	65-125	20		
Toluene	19.6	21.9	20.0	98.0	109.5	11.1	70-130	20		
Trichloroethene	19.0	20.7	20.0	95.0	103.5	8.6	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	556	552	500	111.2	110.4		86-115			
1,2-Dichloroethane-d4	444	471	500	88.8	94.2		76-114			
Toluene-d8	493	494	500	98.6	98.8		88-110			

SEVERN TRENT STL

Submission #: 2004-01-0590

Organochlorine Pesticides Analysis

Treadwell & Rollo Oakland
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Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB2,# 1,@1.0`	01/20/2004	Soil	6
EB4,#2@1.0`	01/20/2004	Soil	18

Organochlorine Pesticides Analysis

Treadwell & Rollo Oakland

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3550/8081	Test(s):	8081
Sample ID:	**EB2,# 1,@1.0`**	Lab ID:	2004-01-0590 - 6
Sampled:	01/20/2004	Extracted:	1/23/2004 13:15
Matrix:	Soil	QC Batch#:	2004/01/23-02.13

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
Dieldrin	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
Endrin aldehyde	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
Endrin	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
Endrin ketone	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
Heptachlor	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
Heptachlor epoxide	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
4,4`-DDT	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
4,4`-DDE	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
4,4`-DDD	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
Endosulfan I	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
Endosulfan II	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
alpha-BHC	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
beta-BHC	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
delta-BHC	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
Endosulfan sulfate	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
4,4`-Methoxychlor	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
Toxaphene	ND	100	ug/Kg	1.00	01/26/2004 18:11	
Chlordane (Technical)	ND	50	ug/Kg	1.00	01/26/2004 18:11	
alpha-Chlordane	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
gamma-Chlordane	ND	2.0	ug/Kg	1.00	01/26/2004 18:11	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	75.1	50-125	%	1.00	01/26/2004 18:11	
Decachlorobiphenyl (Pest/8081)	92.5	46-142	%	1.00	01/26/2004 18:11	

Organochlorine Pesticides Analysis

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s): 3550/8081 Test(s): 8081
Sample ID: **EB4,#2@1.0`** Lab ID: 2004-01-0590 - 18
Sampled: 01/20/2004 Extracted: 1/23/2004 13:15
Matrix: Soil QC Batch#: 2004/01/23-02.13
Analysis Flag: lrn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aldrin	ND	10	ug/Kg	5.00	01/26/2004 23:42	
Dieldrin	ND	10	ug/Kg	5.00	01/26/2004 23:42	
Endrin aldehyde	ND	10	ug/Kg	5.00	01/26/2004 23:42	
Endrin	ND	10	ug/Kg	5.00	01/26/2004 23:42	
Endrin ketone	ND	10	ug/Kg	5.00	01/26/2004 23:42	
Heptachlor	ND	10	ug/Kg	5.00	01/26/2004 23:42	
Heptachlor epoxide	ND	10	ug/Kg	5.00	01/26/2004 23:42	
4,4`-DDT	ND	10	ug/Kg	5.00	01/26/2004 23:42	
4,4`-DDE	ND	10	ug/Kg	5.00	01/26/2004 23:42	
4,4`-DDD	ND	10	ug/Kg	5.00	01/26/2004 23:42	
Endosulfan I	ND	10	ug/Kg	5.00	01/26/2004 23:42	
Endosulfan II	ND	10	ug/Kg	5.00	01/26/2004 23:42	
alpha-BHC	ND	10	ug/Kg	5.00	01/26/2004 23:42	
beta-BHC	ND	10	ug/Kg	5.00	01/26/2004 23:42	
gamma-BHC (Lindane)	ND	10	ug/Kg	5.00	01/26/2004 23:42	
delta-BHC	ND	10	ug/Kg	5.00	01/26/2004 23:42	
Endosulfan sulfate	ND	10	ug/Kg	5.00	01/26/2004 23:42	
4,4`-Methoxychlor	ND	10	ug/Kg	5.00	01/26/2004 23:42	
Toxaphene	ND	500	ug/Kg	5.00	01/26/2004 23:42	
Chlordane (Technical)	ND	250	ug/Kg	5.00	01/26/2004 23:42	
alpha-Chlordane	ND	10	ug/Kg	5.00	01/26/2004 23:42	
gamma-Chlordane	ND	10	ug/Kg	5.00	01/26/2004 23:42	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	60.9	50-125	%	5.00	01/26/2004 23:42	
Decachlorobiphenyl (Pest/8081)	50.5	46-142	%	5.00	01/26/2004 23:42	

Organochlorine Pesticides Analysis

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3550/8081 Test(s): 8081

Method Blank **Soil** **QC Batch # 2004/01/23-02.13**

MB: 2004/01/23-02.13-001 Date Extracted: 01/23/2004 13:15

Compound	Conc.	RL	Unit	Analyzed	Flag
Aldrin	ND	2.0	ug/Kg	01/26/2004 14:40	
Dieldrin	ND	2.0	ug/Kg	01/26/2004 14:40	
Endrin aldehyde	ND	2.0	ug/Kg	01/26/2004 14:40	
Endrin	ND	2.0	ug/Kg	01/26/2004 14:40	
Endrin ketone	ND	2.0	ug/Kg	01/26/2004 14:40	
Heptachlor	ND	2.0	ug/Kg	01/26/2004 14:40	
Heptachlor epoxide	ND	2.0	ug/Kg	01/26/2004 14:40	
4,4`-DDT	ND	2.0	ug/Kg	01/26/2004 14:40	
4,4`-DDE	ND	2.0	ug/Kg	01/26/2004 14:40	
4,4`-DDD	ND	2.0	ug/Kg	01/26/2004 14:40	
Endosulfan I	ND	2.0	ug/Kg	01/26/2004 14:40	
Endosulfan II	ND	2.0	ug/Kg	01/26/2004 14:40	
alpha-BHC	ND	2.0	ug/Kg	01/26/2004 14:40	
beta-BHC	ND	2.0	ug/Kg	01/26/2004 14:40	
gamma-BHC (Lindane)	ND	2.0	ug/Kg	01/26/2004 14:40	
delta-BHC	ND	2.0	ug/Kg	01/26/2004 14:40	
Endosulfan sulfate	ND	2.0	ug/Kg	01/26/2004 14:40	
4,4`-Methoxychlor	ND	2.0	ug/Kg	01/26/2004 14:40	
Toxaphene	ND	100	ug/Kg	01/26/2004 14:40	
Chlordane (Technical)	ND	50	ug/Kg	01/26/2004 14:40	
alpha-Chlordane	ND	2.0	ug/Kg	01/26/2004 14:40	
gamma-Chlordane	ND	2.0	ug/Kg	01/26/2004 14:40	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	88.9	50-125	%	01/26/2004 14:40	
Decachlorobiphenyl (Pest/8081)	100.8	46-142	%	01/26/2004 14:40	

Organochlorine Pesticides Analysis

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Laboratory Control Spike **Soil** **QC Batch # 2004/01/23-02.13**

LCS 2004/01/23-02.13-002 Extracted: 01/23/2004 Analyzed: 01/26/2004 15:10

LCSD 2004/01/23-02.13-003 Extracted: 01/23/2004 Analyzed: 01/27/2004 15:40

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aldrin	13.0	13.7	16.6	78.3	82.5	5.2	37-136	35		
Dieldrin	13.3	14.3	16.6	80.1	86.1	7.2	58-135	35		
Endrin	13.4	14.4	16.6	80.7	86.7	7.2	58-134	35		
Heptachlor	12.8	13.6	16.6	77.1	81.9	6.0	40-136	35		
4,4`-DDT	13.5	14.7	16.6	81.3	88.6	8.6	55-132	35		
gamma-BHC (Lindane)	12.8	13.4	16.6	77.1	80.7	4.6	37-137	35		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	39.3	40.7	50	78.7	81.3		50-125	0		
Decachlorobiphenyl	44.0	47.8	50	87.9	95.6		46-142	0		

Organochlorine Pesticides Analysis

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3550/8081

Test(s): 8081

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2004/01/23-02.13**

EB2,# 1,@1.0` >> MS

Lab ID: 2004-01-0590 - 006

MS: 2004/01/23-02.13-004 Extracted: 01/23/2004 Analyzed: 01/26/2004 18:41

Dilution: 1.00

MSD: 2004/01/23-02.13-005 Extracted: 01/23/2004 Analyzed: 01/26/2004 19:11

Dilution: 1.00

Compound	Conc. ug/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Aldrin	10.9	14.1	ND	16.6	65.7	84.9	25.5	37-136	35		
Dieldrin	11.2	14.7	ND	16.6	67.5	88.6	27.0	58-135	35		
Endrin	11.8	15.4	ND	16.6	71.1	92.8	26.5	58-134	35		
Heptachlor	11.0	14.0	ND	16.6	66.3	84.3	23.9	40-136	35		
4,4`-DDT	11.3	15.1	ND	16.6	68.1	91.0	28.8	55-132	35		
gamma-BHC (Lindane)	10.8	14.0	ND	16.6	65.1	84.3	25.7	37-137	35		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylen	32.3	42.6		50	64.7	85.1		50-125	0		
Decachlorobiphenyl	35.5	46.2		50	71.0	92.4		46-142	0		

Organochlorine Pesticides Analysis

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Legend and Notes

Analysis Flag

lrn

Reporting limits raised due to high level of non-target analyte materials.

SEVERN TRENT STL

Submission #: 2004-01-0590

Total Lead

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB1,# 2,@4.0`	01/20/2004	Soil	2
EB2,#3@3.5`	01/20/2004	Soil	8
EB3,#3@3.5`	01/20/2004	Soil	12
EB4,#4@4.0`	01/20/2004	Soil	20

Total Lead

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3050B	Test(s):	6010B
Sample ID:	**EB1,# 2,@4.0'**	Lab ID:	2004-01-0590 - 2
Sampled:	01/20/2004	Extracted:	1/22/2004 18:20
Matrix:	Soil	QC Batch#:	2004/01/22-10.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	7.9	1.0	mg/Kg	1.00	01/27/2004 07:21	

Total Lead

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3050B	Test(s):	6010B
Sample ID:	**EB2,#3@3.5`**	Lab ID:	2004-01-0590 - 8
Sampled:	01/20/2004	Extracted:	1/22/2004 18:20
Matrix:	Soil	QC Batch#:	2004/01/22-10.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	17	1.0	mg/Kg	1.00	01/27/2004 07:27	

Total Lead

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3050B	Test(s):	6010B
Sample ID:	**EB3,#3@3.5'**	Lab ID:	2004-01-0590 - 12
Sampled:	01/20/2004	Extracted:	1/22/2004 18:20
Matrix:	Soil	QC Batch#:	2004/01/22-10.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	20	1.0	mg/Kg	1.00	01/27/2004 07:50	

Total Lead

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3050B	Test(s):	6010B
Sample ID:	**EB4,#4@4.0`**	Lab ID:	2004-01-0590 - 20
Sampled:	01/20/2004	Extracted:	1/22/2004 18:20
Matrix:	Soil	QC Batch#:	2004/01/22-10.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	14	1.0	mg/Kg	1.00	01/27/2004 07:52	

Total Lead

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3050B — Test(s): 6010B

Method Blank — **Soil** — **QC Batch # 2004/01/22-10.15**

MB: 2004/01/22-10.15-011 — Date Extracted: 01/22/2004 18:20

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	01/27/2004 07:00	

Total Lead

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2004/01/22-10.15**

LCS 2004/01/22-10.15-012 Extracted: 01/22/2004 Analyzed: 01/27/2004 07:04
LCSD 2004/01/22-10.15-013 Extracted: 01/22/2004 Analyzed: 01/27/2004 07:08

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Lead	94.8	93.0	100.0	94.8	93.0	1.9	80-120	20		

SEVERN TRENT STL

Submission #: 2004-01-0590

CAM 17 Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB1,# 1,@0.5`	01/20/2004	Soil	1
EB3,#1@1.0`	01/20/2004	Soil	10

CAM 17 Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**EB1,# 1,@0.5'**	Lab ID:	2004-01-0590 - 1
Sampled:	01/20/2004	Extracted:	1/22/2004 18:20 1/22/2004 18:10
Matrix:	Soil	QC Batch#:	2004/01/22-10.15 2004/01/22-13.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	01/27/2004 20:00	
Arsenic	3.3	1.0	mg/Kg	1.00	01/27/2004 20:00	
Barium	140	1.0	mg/Kg	1.00	01/27/2004 20:00	
Beryllium	ND	0.50	mg/Kg	1.00	01/27/2004 20:00	
Cadmium	ND	0.50	mg/Kg	1.00	01/27/2004 20:00	
Chromium	39	1.0	mg/Kg	1.00	01/27/2004 20:00	
Cobalt	8.8	1.0	mg/Kg	1.00	01/27/2004 20:00	
Copper	19	1.0	mg/Kg	1.00	01/27/2004 20:00	
Lead	11	1.0	mg/Kg	1.00	01/27/2004 20:00	
Molybdenum	ND	1.0	mg/Kg	1.00	01/27/2004 20:00	
Nickel	50	1.0	mg/Kg	1.00	01/27/2004 20:00	
Selenium	ND	2.0	mg/Kg	1.00	01/27/2004 20:00	
Silver	ND	1.0	mg/Kg	1.00	01/27/2004 20:00	
Thallium	ND	1.0	mg/Kg	1.00	01/27/2004 20:00	
Vanadium	23	1.0	mg/Kg	1.00	01/27/2004 20:00	
Zinc	41	1.0	mg/Kg	1.00	01/27/2004 20:00	
Mercury	0.067	0.050	mg/Kg	1.00	01/26/2004 14:20	

CAM 17 Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**EB3,#1@1.0'**	Lab ID:	2004-01-0590 - 10
Sampled:	01/20/2004	Extracted:	1/22/2004 18:20 1/22/2004 18:10
Matrix:	Soil	QC Batch#:	2004/01/22-10.15 2004/01/22-13.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	01/27/2004 20:19	
Arsenic	3.8	1.0	mg/Kg	1.00	01/27/2004 20:19	
Barium	140	1.0	mg/Kg	1.00	01/27/2004 20:19	
Beryllium	ND	0.50	mg/Kg	1.00	01/27/2004 20:19	
Cadmium	ND	0.50	mg/Kg	1.00	01/27/2004 20:19	
Chromium	35	1.0	mg/Kg	1.00	01/27/2004 20:19	
Cobalt	8.2	1.0	mg/Kg	1.00	01/27/2004 20:19	
Copper	22	1.0	mg/Kg	1.00	01/27/2004 20:19	
Lead	19	1.0	mg/Kg	1.00	01/27/2004 20:19	
Molybdenum	ND	1.0	mg/Kg	1.00	01/27/2004 20:19	
Nickel	45	1.0	mg/Kg	1.00	01/27/2004 20:19	
Selenium	ND	2.0	mg/Kg	1.00	01/27/2004 20:19	
Silver	ND	1.0	mg/Kg	1.00	01/27/2004 20:19	
Thallium	ND	1.0	mg/Kg	1.00	01/27/2004 20:19	
Vanadium	23	1.0	mg/Kg	1.00	01/27/2004 20:19	
Zinc	47	1.0	mg/Kg	1.00	01/27/2004 20:19	
Mercury	0.082	0.050	mg/Kg	1.00	01/26/2004 14:22	

CAM 17 Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3050B — Test(s): 6010B

Method Blank — **Soil** — **QC Batch # 2004/01/22-10.15**

MB: 2004/01/22-10.15-011 — Date Extracted: 01/22/2004 18:20

Compound	Conc.	RL	Unit	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	01/27/2004 19:49	
Arsenic	ND	1.0	mg/Kg	01/27/2004 19:49	
Barium	ND	1.0	mg/Kg	01/27/2004 19:49	
Beryllium	ND	0.50	mg/Kg	01/27/2004 19:49	
Cadmium	ND	0.50	mg/Kg	01/27/2004 19:49	
Chromium	ND	1.0	mg/Kg	01/27/2004 19:49	
Cobalt	ND	1.0	mg/Kg	01/27/2004 19:49	
Copper	ND	1.0	mg/Kg	01/27/2004 19:49	
Lead	ND	1.0	mg/Kg	01/27/2004 19:49	
Molybdenum	ND	1.0	mg/Kg	01/27/2004 19:49	
Nickel	ND	1.0	mg/Kg	01/27/2004 19:49	
Selenium	ND	2.0	mg/Kg	01/27/2004 19:49	
Silver	ND	1.0	mg/Kg	01/27/2004 19:49	
Thallium	ND	1.0	mg/Kg	01/27/2004 19:49	
Vanadium	ND	1.0	mg/Kg	01/27/2004 19:49	
Zinc	ND	1.0	mg/Kg	01/27/2004 19:49	

CAM 17 Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 7471A
Method Blank
MB: 2004/01/22-13.16-011

Soil

Test(s): 7471A
QC Batch # 2004/01/22-13.16
Date Extracted: 01/22/2004 18:10

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	01/26/2004 14:16	

CAM 17 Metals

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Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2004/01/22-10.15**

LCS 2004/01/22-10.15-012 Extracted: 01/22/2004 Analyzed: 01/27/2004 19:53

LCSD 2004/01/22-10.15-013 Extracted: 01/22/2004 Analyzed: 01/27/2004 19:57

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Antimony	102	101	100.0	102.0	101.0	1.0	80-120	20		
Arsenic	104	103	100.0	104.0	103.0	1.0	80-120	20		
Barium	102	101	100.0	102.0	101.0	1.0	80-120	20		
Beryllium	96.8	101	100.0	96.8	101.0	4.2	80-120	20		
Cadmium	99.4	99.0	100.0	99.4	99.0	0.4	80-120	20		
Chromium	96.6	95.4	100.0	96.6	95.4	1.2	80-120	20		
Cobalt	101	100	100.0	101.0	100.0	1.0	80-120	20		
Copper	103	102	100.0	103.0	102.0	1.0	80-120	20		
Lead	99.3	98.8	100.0	99.3	98.8	0.5	80-120	20		
Molybdenum	98.9	98.2	100.0	98.9	98.2	0.7	80-120	20		
Nickel	104	102	100.0	104.0	102.0	1.9	80-120	20		
Selenium	91.4	90.7	100.0	91.4	90.7	0.8	80-120	20		
Silver	100	100	100.0	100.0	100.0	0.0	80-120	20		
Thallium	95.5	95.3	100.0	95.5	95.3	0.2	80-120	20		
Vanadium	102	101	100.0	102.0	101.0	1.0	80-120	20		
Zinc	95.7	94.9	100.0	95.7	94.9	0.8	80-120	20		

CAM 17 Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 7471A

Test(s): 7471A

Laboratory Control Spike **Soil** **QC Batch # 2004/01/22-13.16**

LCS 2004/01/22-13.16-012 Extracted: 01/22/2004 Analyzed: 01/26/2004 14:17
LCSD 2004/01/22-13.16-013 Extracted: 01/22/2004 Analyzed: 01/26/2004 14:19

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Mercury	0.508	0.509	0.500	101.6	101.8	0.2	85-115	20		

SEVERN TRENT STL

Submission #: 2004-01-0590

Priority Pollutant 13 Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB2,# 1,@1.0`	01/20/2004	Soil	6
EB4,#2@1.0`	01/20/2004	Soil	18

Priority Pollutant 13 Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**EB2,# 1,@1.0'**	Lab ID:	2004-01-0590 - 6
Sampled:	01/20/2004	Extracted:	1/22/2004 18:20 1/22/2004 18:10
Matrix:	Soil	QC Batch#:	2004/01/22-10.15 2004/01/22-13.16

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	01/27/2004 20:13	
Arsenic	2.9	1.0	mg/Kg	1.00	01/27/2004 20:13	
Beryllium	ND	0.50	mg/Kg	1.00	01/27/2004 20:13	
Cadmium	ND	0.50	mg/Kg	1.00	01/27/2004 20:13	
Chromium	33	1.0	mg/Kg	1.00	01/27/2004 20:13	
Copper	14	1.0	mg/Kg	1.00	01/27/2004 20:13	
Lead	5.7	1.0	mg/Kg	1.00	01/27/2004 20:13	
Nickel	40	1.0	mg/Kg	1.00	01/27/2004 20:13	
Selenium	ND	2.0	mg/Kg	1.00	01/27/2004 20:13	
Silver	ND	1.0	mg/Kg	1.00	01/27/2004 20:13	
Thallium	ND	1.0	mg/Kg	1.00	01/27/2004 20:13	
Zinc	25	1.0	mg/Kg	1.00	01/27/2004 20:13	
Mercury	ND	0.050	mg/Kg	1.00	01/26/2004 14:21	

Priority Pollutant 13 Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3050B 7471A	Test(s):	6010B 7471A
Sample ID:	**EB4,#2@1.0`**	Lab ID:	2004-01-0590 - 18
Sampled:	01/20/2004	Extracted:	1/27/2004 06:41 1/27/2004 05:31
Matrix:	Soil	QC Batch#:	2004/01/27-01.16 2004/01/27-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	1.00	01/28/2004 10:27	
Arsenic	3.8	1.0	mg/Kg	1.00	01/28/2004 10:27	
Beryllium	ND	0.50	mg/Kg	1.00	01/28/2004 10:27	
Cadmium	ND	0.50	mg/Kg	1.00	01/28/2004 10:27	
Chromium	59	1.0	mg/Kg	1.00	01/28/2004 10:27	
Copper	19	1.0	mg/Kg	1.00	01/28/2004 10:27	
Lead	8.5	1.0	mg/Kg	1.00	01/28/2004 10:27	
Nickel	38	1.0	mg/Kg	1.00	01/28/2004 10:27	
Selenium	ND	2.0	mg/Kg	1.00	01/28/2004 10:27	
Silver	ND	1.0	mg/Kg	1.00	01/28/2004 10:27	
Thallium	ND	1.0	mg/Kg	1.00	01/28/2004 10:27	
Zinc	37	1.0	mg/Kg	1.00	01/28/2004 10:27	
Mercury	ND	0.050	mg/Kg	1.00	01/27/2004 09:17	

Priority Pollutant 13 Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3050B — Test(s): 6010B

Method Blank — **Soil** — **QC Batch # 2004/01/22-10.15**

MB: 2004/01/22-10.15-011 — Date Extracted: 01/22/2004 18:20

Compound	Conc.	RL	Unit	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	01/27/2004 19:49	
Arsenic	ND	1.0	mg/Kg	01/27/2004 19:49	
Beryllium	ND	0.50	mg/Kg	01/27/2004 19:49	
Cadmium	ND	0.50	mg/Kg	01/27/2004 19:49	
Chromium	ND	1.0	mg/Kg	01/27/2004 19:49	
Copper	ND	1.0	mg/Kg	01/27/2004 19:49	
Lead	ND	1.0	mg/Kg	01/27/2004 19:49	
Nickel	ND	1.0	mg/Kg	01/27/2004 19:49	
Selenium	ND	2.0	mg/Kg	01/27/2004 19:49	
Silver	ND	1.0	mg/Kg	01/27/2004 19:49	
Thallium	ND	1.0	mg/Kg	01/27/2004 19:49	
Zinc	ND	1.0	mg/Kg	01/27/2004 19:49	

Priority Pollutant 13 Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 7471A
Method Blank
MB: 2004/01/22-13.16-011

Soil

Test(s): 7471A
QC Batch # 2004/01/22-13.16
Date Extracted: 01/22/2004 18:10

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	01/26/2004 14:16	

Priority Pollutant 13 Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 7471A
Method Blank
MB: 2004/01/27-01.16-040

Soil

Test(s): 7471A
QC Batch # 2004/01/27-01.16
Date Extracted: 01/27/2004 06:41

Compound	Conc.	RL	Unit	Analyzed	Flag
Mercury	ND	0.050	mg/Kg	01/27/2004 09:09	

Priority Pollutant 13 Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3050B — Test(s): 6010B

Method Blank — **Soil** — **QC Batch # 2004/01/27-02.15**

MB: 2004/01/27-02.15-054 — Date Extracted: 01/27/2004 05:31

Compound	Conc.	RL	Unit	Analyzed	Flag
Antimony	ND	2.0	mg/Kg	01/27/2004 22:57	
Arsenic	ND	1.0	mg/Kg	01/27/2004 22:57	
Beryllium	ND	0.50	mg/Kg	01/27/2004 22:57	
Cadmium	ND	0.50	mg/Kg	01/27/2004 22:57	
Chromium	ND	1.0	mg/Kg	01/27/2004 22:57	
Copper	ND	1.0	mg/Kg	01/27/2004 22:57	
Lead	ND	1.0	mg/Kg	01/27/2004 22:57	
Nickel	ND	1.0	mg/Kg	01/27/2004 22:57	
Selenium	ND	2.0	mg/Kg	01/27/2004 22:57	
Silver	ND	1.0	mg/Kg	01/27/2004 22:57	
Thallium	ND	1.0	mg/Kg	01/27/2004 22:57	
Zinc	ND	1.0	mg/Kg	01/27/2004 22:57	

Priority Pollutant 13 Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2004/01/22-10.15**

LCS 2004/01/22-10.15-012 Extracted: 01/22/2004 Analyzed: 01/27/2004 19:53
LCSD 2004/01/22-10.15-013 Extracted: 01/22/2004 Analyzed: 01/27/2004 19:57

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Antimony	102	101	100.0	102.0	101.0	1.0	80-120	20		
Arsenic	104	103	100.0	104.0	103.0	1.0	80-120	20		
Beryllium	96.8	101	100.0	96.8	101.0	4.2	80-120	20		
Cadmium	99.4	99.0	100.0	99.4	99.0	0.4	80-120	20		
Chromium	96.6	95.4	100.0	96.6	95.4	1.2	80-120	20		
Copper	103	102	100.0	103.0	102.0	1.0	80-120	20		
Lead	99.3	98.8	100.0	99.3	98.8	0.5	80-120	20		
Nickel	104	102	100.0	104.0	102.0	1.9	80-120	20		
Selenium	91.4	90.7	100.0	91.4	90.7	0.8	80-120	20		
Silver	100	100	100.0	100.0	100.0	0.0	80-120	20		
Thallium	95.5	95.3	100.0	95.5	95.3	0.2	80-120	20		
Zinc	95.7	94.9	100.0	95.7	94.9	0.8	80-120	20		

Priority Pollutant 13 Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 7471A

Test(s): 7471A

Laboratory Control Spike **Soil** **QC Batch # 2004/01/22-13.16**

LCS 2004/01/22-13.16-012 Extracted: 01/22/2004 Analyzed: 01/26/2004 14:17

LCSD 2004/01/22-13.16-013 Extracted: 01/22/2004 Analyzed: 01/26/2004 14:19

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Mercury	0.508	0.509	0.500	101.6	101.8	0.2	85-115	20		

Priority Pollutant 13 Metals

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Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 7471A

Test(s): 7471A

Laboratory Control Spike **Soil** **QC Batch # 2004/01/27-01.16**

LCS 2004/01/27-01.16-041 Extracted: 01/27/2004 Analyzed: 01/27/2004 09:11
LCSD 2004/01/27-01.16-042 Extracted: 01/27/2004 Analyzed: 01/27/2004 09:12

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Mercury	0.537	0.538	0.500	107.4	107.6	0.2	85-115	20		

Priority Pollutant 13 Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2004/01/27-02.15**

LCS 2004/01/27-02.15-055 Extracted: 01/27/2004 Analyzed: 01/27/2004 23:01
LCSD 2004/01/27-02.15-056 Extracted: 01/27/2004 Analyzed: 01/27/2004 23:05

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Antimony	94.9	95.0	100.0	94.9	95.0	0.1	80-120	20		
Arsenic	98.8	98.1	100.0	98.8	98.1	0.7	80-120	20		
Beryllium	89.7	91.7	100.0	89.7	91.7	2.2	80-120	20		
Cadmium	94.0	93.0	100.0	94.0	93.0	1.1	80-120	20		
Chromium	91.8	90.6	100.0	91.8	90.6	1.3	80-120	20		
Copper	98.3	97.1	100.0	98.3	97.1	1.2	80-120	20		
Lead	93.7	93.0	100.0	93.7	93.0	0.7	80-120	20		
Nickel	95.3	94.3	100.0	95.3	94.3	1.1	80-120	20		
Selenium	86.4	85.9	100.0	86.4	85.9	0.6	80-120	20		
Silver	94.4	93.2	100.0	94.4	93.2	1.3	80-120	20		
Thallium	91.0	90.5	100.0	91.0	90.5	0.6	80-120	20		
Zinc	90.6	89.8	100.0	90.6	89.8	0.9	80-120	20		

SEVERN TRENT STL

Submission #: 2004-01-0590

Gasoline

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB3	01/20/2004 14:10	Water	24
EB2	01/20/2004 15:15	Water	25

Gasoline

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	5030	Test(s):	8015M
Sample ID:	**EB3**	Lab ID:	2004-01-0590 - 24
Sampled:	01/20/2004 14:10	Extracted:	1/26/2004 13:46
Matrix:	Water	QC Batch#:	2004/01/26-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/26/2004 13:46	
Surrogate(s)						
4-Bromofluorobenzene-FID	115.4	50-150	%	1.00	01/26/2004 13:46	

Gasoline

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	5030	Test(s):	8015M
Sample ID:	**EB2**	Lab ID:	2004-01-0590 - 25
Sampled:	01/20/2004 15:15	Extracted:	1/26/2004 15:23
Matrix:	Water	QC Batch#:	2004/01/26-01.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/26/2004 15:23	
Surrogate(s)						
4-Bromofluorobenzene-FID	108.3	50-150	%	1.00	01/26/2004 15:23	

Gasoline

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 5030 Test(s): 8015M

Method Blank **Water** **QC Batch # 2004/01/26-01.01**

MB: 2004/01/26-01.01-003 Date Extracted: 01/26/2004 06:37

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	01/26/2004 06:37	
Surrogates(s)					
4-Bromofluorobenzene-FID	110.6	50-150	%	01/26/2004 06:37	

Gasoline

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 5030

Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2004/01/26-01.01**

LCS 2004/01/26-01.01-006 Extracted: 01/26/2004 Analyzed: 01/26/2004 07:58
LCSD 2004/01/26-01.01-007 Extracted: 01/26/2004 Analyzed: 01/26/2004 08:24

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Gasoline	258	251	250	103.2	100.4	2.8	75-125	20		
Surrogates(s)										
4-Bromofluorobenzene-FID	504	479	500	100.8	95.8		50-150			

SEVERN TRENT STL

Submission #: 2004-01-0590

Dissolved Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB3	01/20/2004 14:10	Water	24
EB2	01/20/2004 15:15	Water	25

Dissolved Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3005A	Test(s):	6010B
Sample ID:	**EB3**	Lab ID:	2004-01-0590 - 24
Sampled:	01/20/2004 14:10	Extracted:	1/26/2004 13:50
Matrix:	Water	QC Batch#:	2004/01/26-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	ND	0.0020	mg/L	1.00	01/28/2004 01:07	
Chromium	ND	0.0050	mg/L	1.00	01/28/2004 01:07	
Lead	ND	0.0050	mg/L	1.00	01/28/2004 01:07	
Nickel	ND	0.0050	mg/L	1.00	01/28/2004 01:07	
Zinc	0.024	0.010	mg/L	1.00	01/28/2004 01:07	

Dissolved Metals

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3005A	Test(s):	6010B
Sample ID:	**EB2**	Lab ID:	2004-01-0590 - 25
Sampled:	01/20/2004 15:15	Extracted:	1/26/2004 13:50
Matrix:	Water	QC Batch#:	2004/01/26-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Cadmium	ND	0.0020	mg/L	1.00	01/28/2004 01:36	
Chromium	ND	0.0050	mg/L	1.00	01/28/2004 01:36	
Lead	ND	0.0050	mg/L	1.00	01/28/2004 01:36	
Nickel	ND	0.0050	mg/L	1.00	01/28/2004 01:36	
Zinc	0.018	0.010	mg/L	1.00	01/28/2004 01:36	

Dissolved Metals

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Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 2340B
Method Blank
MB: 2004/01/26-04.15-071

Water

Test(s): 2340B
QC Batch # 2004/01/26-04.15
Date Extracted: 01/26/2004 13:50

Compound	Conc.	RL	Unit	Analyzed	Flag
Cadmium	ND	0.0020	mg/L	01/28/2004 00:30	
Chromium	ND	0.0050	mg/L	01/28/2004 00:30	
Lead	ND	0.0050	mg/L	01/28/2004 00:30	
Nickel	ND	0.0050	mg/L	01/28/2004 00:30	
Zinc	ND	0.010	mg/L	01/28/2004 00:30	

Dissolved Metals

Treadwell & Rollo Oakland
Attn.: Craig Shields

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Oakland, CA 94612
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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 2340B
3005A

Test(s): 2340B
6010B

Laboratory Control Spike **Water** **QC Batch # 2004/01/26-04.15**

LCS 2004/01/26-04.15-072 Extracted: 01/26/2004 Analyzed: 01/28/2004 00:34
LCSD 2004/01/26-04.15-073 Extracted: 01/26/2004 Analyzed: 01/28/2004 00:38

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Cadmium	0.501	0.499	0.500	100.2	99.8	0.4	80-120	20		
Chromium	0.472	0.470	0.500	94.4	94.0	0.4	80-120	20		
Lead	0.493	0.492	0.500	98.6	98.4	0.2	80-120	20		
Nickel	0.458	0.453	0.500	91.6	90.6	1.1	80-120	20		
Zinc	0.492	0.483	0.500	98.4	96.6	1.8	80-120	20		

SEVERN TRENT STL

Submission #: 2004-01-0590

PCBs

Treadwell & Rollo Oakland
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Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EB2,# 1,@1.0`	01/20/2004	Soil	6
EB4,#2@1.0`	01/20/2004	Soil	18

PCBs

Treadwell & Rollo Oakland
Attn.: Craig Shields

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Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3550/8082	Test(s):	8082
Sample ID:	**EB2,# 1,@1.0'**	Lab ID:	2004-01-0590 - 6
Sampled:	01/20/2004	Extracted:	1/23/2004 13:22
Matrix:	Soil	QC Batch#:	2004/01/23-03.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	01/26/2003 12:05	
Aroclor 1221	ND	50	ug/Kg	1.00	01/26/2003 12:05	
Aroclor 1232	ND	50	ug/Kg	1.00	01/26/2003 12:05	
Aroclor 1242	ND	50	ug/Kg	1.00	01/26/2003 12:05	
Aroclor 1248	ND	50	ug/Kg	1.00	01/26/2003 12:05	
Aroclor 1254	ND	50	ug/Kg	1.00	01/26/2003 12:05	
Aroclor 1260	ND	50	ug/Kg	1.00	01/26/2003 12:05	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	70.4	50-125	%	1.00	01/26/2003 12:05	
Decachlorobiphenyl (PCB/8082)	92.8	46-142	%	1.00	01/26/2003 12:05	

PCBs

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Prep(s):	3550/8082	Test(s):	8082
Sample ID:	**EB4,#2@1.0**	Lab ID:	2004-01-0590 - 18
Sampled:	01/20/2004	Extracted:	1/26/2004 15:41
Matrix:	Soil	QC Batch#:	2004/01/26-03.14

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	1.00	01/27/2004 14:41	
Aroclor 1221	ND	50	ug/Kg	1.00	01/27/2004 14:41	
Aroclor 1232	ND	50	ug/Kg	1.00	01/27/2004 14:41	
Aroclor 1242	ND	50	ug/Kg	1.00	01/27/2004 14:41	
Aroclor 1248	ND	50	ug/Kg	1.00	01/27/2004 14:41	
Aroclor 1254	ND	50	ug/Kg	1.00	01/27/2004 14:41	
Aroclor 1260	ND	50	ug/Kg	1.00	01/27/2004 14:41	
Surrogate(s)						
2,4,5,6-Tetrachloro-m-xylene	57.8	50-125	%	1.00	01/27/2004 14:41	
Decachlorobiphenyl (PCB/8082)	49.6	46-142	%	1.00	01/27/2004 14:41	

PCBs

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3550/8082 Test(s): 8082

Method Blank **Soil** **QC Batch # 2004/01/23-03.14**

MB: 2004/01/23-03.14-001 Date Extracted: 01/23/2004 13:22

Compound	Conc.	RL	Unit	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	01/26/2004 10:25	
Aroclor 1221	ND	50	ug/Kg	01/26/2004 10:25	
Aroclor 1232	ND	50	ug/Kg	01/26/2004 10:25	
Aroclor 1242	ND	50	ug/Kg	01/26/2004 10:25	
Aroclor 1248	ND	50	ug/Kg	01/26/2004 10:25	
Aroclor 1254	ND	50	ug/Kg	01/26/2004 10:25	
Aroclor 1260	ND	50	ug/Kg	01/26/2004 10:25	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	73.2	50-125	%	01/26/2004 10:25	
Decachlorobiphenyl (PCB/8082)	79.8	46-142	%	01/26/2004 10:25	

PCBs

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3550/8082 — Test(s): 8082

Method Blank — **Soil** — **QC Batch # 2004/01/26-03.14**

MB: 2004/01/26-03.14-001 — Date Extracted: 01/26/2004 15:41

Compound	Conc.	RL	Unit	Analyzed	Flag
Aroclor 1016	ND	50	ug/Kg	01/27/2004 13:43	
Aroclor 1221	ND	50	ug/Kg	01/27/2004 13:43	
Aroclor 1232	ND	50	ug/Kg	01/27/2004 13:43	
Aroclor 1242	ND	50	ug/Kg	01/27/2004 13:43	
Aroclor 1248	ND	50	ug/Kg	01/27/2004 13:43	
Aroclor 1254	ND	50	ug/Kg	01/27/2004 13:43	
Aroclor 1260	ND	50	ug/Kg	01/27/2004 13:43	
Surrogates(s)					
2,4,5,6-Tetrachloro-m-xylene	81.2	50-125	%	01/27/2004 13:43	
Decachlorobiphenyl (PCB/8082)	84.9	46-142	%	01/27/2004 13:43	

PCBs

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3550/8082

Test(s): 8082

Laboratory Control Spike **Soil** **QC Batch # 2004/01/23-03.14**

LCS 2004/01/23-03.14-002 Extracted: 01/23/2004 Analyzed: 01/26/2004 10:45
LCSD 2004/01/23-03.14-003 Extracted: 01/23/2004 Analyzed: 01/26/2004 11:05

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aroclor 1016	49.8	50.8	66.5	74.9	76.3	1.9	65-135	30		
Aroclor 1260	52.3	53.4	66.5	78.6	80.2	2.0	65-135	30		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	38.2	38.6	50	76.5	77.3		50-125	0		
Decachlorobiphenyl	38.4	40.3	50	76.9	80.6		46-142	0		

PCBs

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3550/8082

Test(s): 8082

Laboratory Control Spike **Soil** **QC Batch # 2004/01/26-03.14**

LCS 2004/01/26-03.14-002 Extracted: 01/26/2004 Analyzed: 01/27/2004 14:03
LCSD 2004/01/26-03.14-003 Extracted: 01/26/2004 Analyzed: 01/27/2004 14:22

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Aroclor 1016	56.2	55.0	66.6	84.4	82.7	2.0	65-135	30		
Aroclor 1260	52.8	57.7	66.6	79.3	86.8	9.0	65-135	30		
Surrogates(s)										
2,4,5,6-Tetrachloro-m-xylene	40.3	41.6	50	80.7	83.3		50-125	0		
Decachlorobiphenyl	38.0	42.5	50	76.1	85.0		46-142	0		

PCBs

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Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3550/8082 Test(s): 8082

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2004/01/23-03.14**

EB2,# 1,@1.0' >> MS Lab ID: 2004-01-0590 - 006

MS: 2004/01/23-03.14-004 Extracted: 01/23/2004 Analyzed: 01/26/2004 12:26
Dilution: 1.00

MSD: 2004/01/23-03.14-005 Extracted: 01/23/2004 Analyzed: 01/26/2004 12:46
Dilution: 1.00

Compound	Conc. ug/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Aroclor 1016	52.9	53.7	ND	66.3	79.8	81.2	1.7	65-135	30		
Aroclor 1260	59.8	58.3	ND	66.3	90.2	88.2	2.2	65-135	30		
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylen	38.4	39.0		50	76.7	78.1		50-125	0		
Decachlorobiphenyl	45.9	44.6		50	91.7	89.1		46-142	0		

PCBs

Treadwell & Rollo Oakland
Attn.: Craig Shields

501 14th Street, third floor
Oakland, CA 94612
Phone: (510) 874-4500 Fax: (510) 874-4507

Project: 3149.01
Pleasanton Assisted Living facility

Received: 01/21/2004 17:30

Batch QC Report

Prep(s): 3550/8082

Test(s): 8082

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2004/01/26-03.14**

EB4,#2@1.0` >> MS

Lab ID: 2004-01-0590 - 018

MS: 2004/01/26-03.14-004 Extracted: 01/26/2004 Analyzed: 01/27/2004 15:01

Dilution: 1.00

MSD: 2004/01/26-03.14-005 Extracted: 01/26/2004 Analyzed: 01/27/2004 15:21

Dilution: 1.00

Compound	Conc. ug/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Aroclor 1016	27.2	28.3	ND	66.1	41.1	42.7	3.8	65-135	30	mso	mso
Aroclor 1260	29.2	28.9	ND	66.1	44.2	43.6	1.4	65-135	30	mso	mso
Surrogate(s)											
2,4,5,6-Tetrachloro-m-xylen	21.4	22.2		50	42.7	44.3		50-125	0	sl	sl
Decachlorobiphenyl	128	19.8		50	255.7	39.7		46-142	0	sl	sl

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Treadwell & Rollo 501 14th Street, 3rd Floor Oakland, CA 94612	Client Project ID: #3149.01; Pleasanton Assisted Living Facility	Date Sampled: 04/22/04
		Date Received: 04/23/04
	Client Contact: Linda Liang	Date Reported: 05/03/04
	Client P.O.:	Date Completed: 05/03/04

WorkOrder: 0404365

May 03, 2004

Dear Linda:

Enclosed are:

1). the results of **40** analyzed samples from your **#3149.01; Pleasanton Assisted Living Facility project,**

2). a QC report for the above samples

3). a copy of the chain of custody, and

4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Yen Cao for

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Treadwell & Rollo 501 14th Street, 3rd Floor Oakland, CA 94612	Client Project ID: #3149.01; Pleasanton Assisted Living Facility	Date Sampled: 04/22/04
		Date Received: 04/23/04
	Client Contact: Linda Liang	Date Extracted: 04/26/04
	Client P.O.:	Date Analyzed: 04/26/04-05/02/04

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0404365

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0404365-002A	TP-1,2ft	S	3.7,g	29	2	88.8
0404365-004A	TP-1,4ft	S	ND	ND	1	92.9
0404365-006A	TP-2,2.5ft	S	24,g,b	280	20	91.0
0404365-007A	TP-2,4.5ft	S	11,g,b	32	2	91.0
0404365-008A	TP-3,1.0ft	S	4.0,g	42	2	90.7
0404365-010A	TP-3,3.0ft	S	7.4,g	100	2	89.9
0404365-013A	TP-4,1.5ft	S	2.1,g	22	2	91.6
0404365-014A	TP-4,4.5ft	S	160,g	1700	100	90.7
0404365-016A	TP-5,1.0ft	S	4.2,g	35	2	89.9
0404365-017A	TP-5,4.0ft	S	1.7,c	ND	1	98.5
0404365-020A	TP-6,2.0ft	S	ND	ND	1	98.4
0404365-021A	TP-6,3.5ft	S	6.3,g	25	2	97.1
0404365-023A	TP-7,1.0ft	S	1.2,g,b	5.3	1	100
0404365-025A	TP-7,3.5ft	S	21,g	210	20	81.7
0404365-027A	TP-8,1.0ft	S	6.6,g,b	34	2	102
0404365-029A	TP-8,4.5ft	S	ND,g	6.5	1	101
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L		
	S	1.0	5.0	mg/Kg		

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS Certification No. 1644

YC for Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
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Website: www.mccampbell.com E-mail: main@mccampbell.com

Treadwell & Rollo 501 14th Street, 3rd Floor Oakland, CA 94612	Client Project ID: #3149.01; Pleasanton Assisted Living Facility	Date Sampled: 04/22/04
		Date Received: 04/23/04
	Client Contact: Linda Liang	Date Extracted: 04/26/04
	Client P.O.:	Date Analyzed: 04/26/04-05/02/04

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0404365

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0404365-031A	TP-9,2.5ft	S	19,g,b	98	10	90.0
0404365-032A	TP-9,4.0ft	S	ND,g	9.7	1	103
0404365-033A	TP-10,1.0ft	S	ND,g	6.0	1	103
0404365-035A	TP-10,4.5ft	S	ND,g	6.2	1	104
0404365-037A	TP-11,3.0ft	S	ND,g	5.3	1	102
0404365-039A	TP-11,5.5ft	S	2.8,g	24	2	102
0404365-041A	TP-12,2.5ft	S	20,g	220	20	95.1
0404365-042A	TP-12,3.5ft	S	ND	ND	1	99.0
0404365-043A	TP-13,1.0ft	S	1.1,g	8.1	1	105
0404365-045A	TP-13,4.5ft	S	ND	ND	1	98.3
0404365-047A	TP-14,2.0ft	S	ND,g	8.7	1	93.8
0404365-049A	TP-14,4.0ft	S	7.8,g,b	28	2	102
0404365-050A	TP-15,1.0ft	S	ND	ND	1	101
0404365-053A	TP-15,4.0ft	S	ND	ND	1	97.6
0404365-055A	TP-16,2.5ft	S	ND,g	6.7	1	91.9
0404365-056A	TP-16,4.0ft	S	ND	ND	1	92.3

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS Certification No. 1644

YC for Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Treadwell & Rollo 501 14th Street, 3rd Floor Oakland, CA 94612	Client Project ID: #3149.01; Pleasanton Assisted Living Facility	Date Sampled: 04/22/04
		Date Received: 04/23/04
	Client Contact: Linda Liang	Date Extracted: 04/26/04
	Client P.O.:	Date Analyzed: 04/26/04-05/02/04

Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil*

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0404365

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0404365-058A	TP-17,2.0ft	S	ND,g	5.5	1	104
0404365-060A	TP-17,5.0ft	S	5.8,g,f	29	2	104
0404365-061A	TP-18,1.5ft	S	5.1,g	28	2	103
0404365-063A	TP-18,4.5ft	S	ND	ND	1	98.6
0404365-064A	TP-19,1.0ft	S	3.3,g	24	2	90.4
0404365-066A	TP-19,3.0ft	S	1.6,g	33	1	102
0404365-069A	TP-20,2.0ft	S	3.6,g,b	20	2	88.8
0404365-071A	TP-20,4.0ft	S	ND	ND	1	98.2

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel (asphalt); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS Certification No. 1644

YC for Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8015C

Matrix: S

WorkOrder: 0404365

EPA Method: SW8015C Extraction: SW3550C BatchID: 11259 Spiked Sample ID: 0404365-004A

	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	ND	150	94.5	94.7	0.135	106	107	0.132	70	130
%SS:	92.9	50	99.1	98.7	0.361	100	100	0	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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TL QA/QC Officer

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QC SUMMARY REPORT FOR SW8015C

Matrix: S

WorkOrder: 0404365

EPA Method: SW8015C Extraction: SW3550C BatchID: 11262 Spiked Sample ID: 0404365-071A

	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	ND	150	101	101	0	105	103	2.04	70	130
%SS:	98.2	50	102	102	0	102	98.8	2.79	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8015C

Matrix: S

WorkOrder: 0404365

EPA Method: SW8015C Extraction: SW3550C BatchID: 11261 Spiked Sample ID: 0404365-042A

	Sample	Spiked	MS*	MSD*	MS-MSD*	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	Low	High
TPH(d)	ND	150	106	107	0.641	109	109	0	70	130
%SS:	99.0	50	103	103	0	108	109	0.748	70	130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

* MS and / or MSD spike recoveries may not be near 100% or the RPDs near 0% if: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) if that specific sample matrix interferes with spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.
NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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TL QA/QC Officer

Treadwell&Rollo

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