Soil and Groundwater Quality Investigation
Jordan Ranch
4233 Fallon Road
Dublin, California

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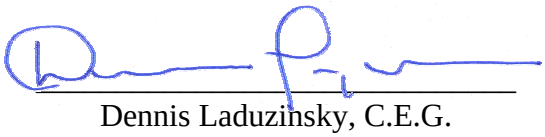

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1.0 INTRODUCTION AND SCOPE OF SERVICES

This report presents the results of a soil and groundwater quality investigation performed by Northgate Environmental Management, Inc. (Northgate) at the Jordan Ranch property, located at 4233 Fallon Road in Dublin, California (the Site). The Site consists of an approximate 192-acre parcel located ½-mile north of the Fallon Road intersection with U.S. Interstate 580. The Site generally consists of vacant grazing land, with a ranch house and several barns and equipment sheds located on the southwest portion of the property. A Site Location Map is shown on Figure 1, and a Site Plan is shown on Figure 2.

The purpose of the investigation has been to evaluate potential impacts to the proposed residential development of the Site. The work was performed in general accordance with Northgate's *Confirming Agreement for Phase II Soil and Groundwater Quality Investigation, Jordan Ranch, Dublin California* dated November 16, 2005, and *Proposal to Provide Additional Soil and Groundwater Quality Investigation, Jordan Ranch, Dublin, California* dated November 29, 2005.

The scope of work for this investigation included the following services:

- Review of previous environmental investigations performed at the Site;
- Collection and analysis of soil samples to evaluate the potential presence of pesticides and herbicides in shallow soil;
- Collection and analysis of soil and sediment samples to evaluate potential impacts related to two debris disposal areas located on the Site;
- Collection and analysis of soil, groundwater, and soil vapor samples to evaluate potential impacts related to a former underground fuel storage tank; and
- Preparation of this report.

2.0 BACKGROUND

2.1 Site Description

The Site is located about ½-mile north of the intersection of Fallon Road and U.S. Interstate 580 in Dublin, California. The Site consists of about 192 acres of grazing land, with a ranch house, barns and equipment sheds located in the southwest portion of the property. The property rises from a nearly flat area along the southern property line across gently sloping hills that rise toward the north. Elevations at the Site range from about 380 feet in the southwest corner to about 560 feet at the northern property line. Three drainage channels transecting the property from the north coalesce east and southeast of the ranch house area. A decorative pond is located immediately east of the ranch house, and a stock pond is located along one of the drainage channels located east of the ranch house area.

2.2 Previous Investigations

2.2.1 Phase I Environmental Site Assessment

A Phase I Environmental Site Assessment (ESA) performed at the Site in 2000 by Berlogar Geotechnical Consultants (BGC) indicated that the Site has been primarily used for grazing land and dry farming from at least 1957 through 1999. A Site reconnaissance conducted for the Phase I ESA identified the location of a former underground storage tank (UST), a diesel fuel drum-storage area, several localized areas of hazardous material storage, and other issues of potential concern. Potential soil or groundwater contamination source areas identified in the Phase I ESA included:

- Former UST located south of Barn #1;
- A diesel fuel drum storage area at Barn #2;
- Stained soil beneath tractors and in vicinity of storage cans and drums in Barn #1;
- Empty aboveground storage tanks (ASTs) and 55-gallon waste oil drum north of Barn #2;
- An overturned, rusted 55-gallon drum in the stream channel approximately 600 feet south of the stock pond; and
- Circular “bare-earth” zones identified in 1982 and 1988 photographs.

2.2.2 Limited Phase II Environmental Site Assessment

A limited soil quality investigation was performed by BGC in 2001 to evaluate some of the concerns identified in the Phase I ESA. Two borings were advanced to collect soil samples in the vicinity of the former UST. Three soil samples collected at depths up to 19.5 feet below ground surface (bgs) from the each boring were analyzed for total petroleum hydrocarbons as

gasoline (TPH-g) and diesel (TPH-d), and for benzene, toluene, ethylbenzene, and total xylenes (BTEX). TPH-g and TPH-d were detected in all six of the soil samples, with concentrations ranging from 11 parts per million (ppm) to 1,300 ppm for TPH-d, and 25 ppm to 4,200 ppm for TPH-g. Benzene was measured in one of the samples at a concentration of 16 ppm. Toluene, ethylbenzene, and xylenes were measured in the samples at maximum concentrations of 230, 86, and 420 ppm, respectively.

Three hand auger borings were advanced in other areas of the Site to evaluate potential impacts related to an overturned drum located in a stream channel and at several circular "bare-earth" zones identified in historical aerial photographs. Three soil samples were collected from one hand-auger boring advanced to a depth of 5 feet bgs near the overturned drum, and two soil samples were collected at a depth of about 1 foot bgs at the circular "bare-earth" zones. Each of the five samples was analyzed for TPH-d, organochlorine pesticides, and PCBs. No TPH-d, organochlorine pesticides, or PCBs were detected in any of the samples.

The Limited Phase II ESA concluded that an unauthorized release of petroleum hydrocarbons had occurred from the former UST. The report recommended that the release be reported to the Alameda County Department of Environmental Health. BGC also indicated that additional investigation might be required to determine the lateral and vertical extent of contamination at the UST.

3.0 SOIL AND GROUNDWATER INVESTIGATION

Northgate performed additional soil and groundwater sampling at the Site between November 17 and December 6, 2005, to evaluate potential environmental concerns identified during the previous Site investigations. The investigation results are presented in the following sections.

3.1 Pesticide Assessment

3.1.1 Pesticide Investigation Methods

Soil samples were collected at depths of about 0.5 feet bgs at 35 locations in open fields, and around the residence, barns, and animal pens located in the southwest portion of the Site. In 13 of these locations, an additional sample was collected at a depth of approximately 1.5 feet bgs. Samples were collected using hand tools, placed in laboratory-supplied sample jars, and stored on iced in a cooler for transport under chain-of-custody control. Each sample (48 samples total) was analyzed for organochlorine pesticides using EPA Method 8081, and for arsenic and lead using EPA Method 6010. Twenty-four of the samples were additionally analyzed for chlorinated herbicides using EPA Method 8151.

3.1.2 Pesticide Investigation Results

Chemical test results are presented in Table 1 and the laboratory analytical reports are presented as Appendix A. As shown in the Table, none of the samples contained arsenic above the laboratory method-reporting limit (MRL) of 5 ppm. Lead was detected in all but five of the samples, with concentrations ranging from 3.4 ppm to a maximum of 55 ppm. All of the measured concentrations of lead are below the California Human Health Screening Levels (CHHSLs) for lead in residential land use of 150 ppm, established by the California Department of Toxic Substances Control (DTSC).

None of the samples contained organochlorine pesticides above the laboratory MRL with the exception of a single sample collected at a depth of 0.5 feet bgs in a former chicken coop area north of the ranch house (sample SS-17-0.5, shown on Figure 3) which contained DDT at a concentration of 29 parts per billion (ppb) and DDE at a concentration of 390 ppb. These concentrations are well below the CHHSLs for residential land use of 1,600 ppb each for DDE and DDT. Chlorinated herbicides were not measured above the laboratory MRL in any of the soil samples analyzed for herbicides.

3.2 Debris Disposal Areas

3.2.1 Debris Disposal Area Investigation Methods

Trash and debris disposal areas are present at two locations along drainage channels at the Site (see Figure 2). Investigation of the debris disposal areas consisted of collecting representative soil samples within and beneath the disposal areas from test pits excavated with a backhoe, and collecting sediment samples downstream of each disposal area.

Several exploratory test pits were excavated within and around each of the two disposal areas to define the lateral extent of the disposal areas, and to evaluate the general nature of the debris. Four representative soil samples were collected from each disposal area for chemical testing. Soil samples were combined by groups of two at the laboratory to form four composite samples for analysis. A sample of the native soil located beneath disposal area TP-1 was collected for chemical analysis, along with sediment samples from the drainage channels downstream of the trash disposal areas. Each individual or composite sample was analyzed for petroleum hydrocarbons as gasoline, diesel, and oil (TPH-o) using EPA Method 8015, volatile organic compounds (VOCs) using EPA Method 8260, semi-volatile organic compounds (SVOCs) using EPA Method 8270, organochlorine pesticides (EPA 8081), chlorinated herbicides (EPA 8151), and 17 metals using EPA 6000/7000.

3.2.2 Debris Disposal Area Investigation Results

Materials exposed in the test pits generally consisted of household refuse, including glass, aluminum cans, furniture, and appliances, along with a number of crushed, rusted drums, plastic buckets, old oil filters, tires, and machinery parts, all mixed with soil, wood, and vegetation. Chemical test results from soil samples collected within and below the debris disposal areas are presented in Table 2. As shown in the Table, TPH-o and TPH-d were reported at concentrations of 120 ppm and 40 ppm, respectively, in one of the composite samples collected from disposal area TP-1 (sample TP1-1,2), and at concentrations of 100 ppm and 26 ppm, respectively, in the native soil sample collected beneath disposal area TP-1 (sample TP1-0.5). The composite sample from disposal area TP-1 also contained very low levels (0.0041 to 0.067 ppm) of several gasoline-related VOCs such as xylenes, ethylbenzene, and trimethylbenzene, although none of the samples contained TPH-g above the laboratory MRL. None of the measured concentrations of hydrocarbons or VOCs exceeded the Environmental Screening Levels (ESLs) for residential land use of 500 ppm for TPH-o and 100 ppm for TPH-d established by the California Regional Water Quality Control Board (RWQCB).

Petroleum hydrocarbons and VOCs were not measured above the laboratory MRLs in any of the other soil or sediment samples collected in the disposal areas. None of the samples contained

SVOCs above the laboratory MRLs. Metals were reported in the samples at concentrations generally representative of naturally occurring background levels in the San Francisco Bay Area.

Bentazon, a chlorinated herbicide, was reported in four of the five samples collected from the debris disposal areas, at concentrations of 0.00533 to 0.00751 ppm. However, other herbicides were not reported. Bentazon was not measured above the laboratory MRL in the sediment samples collected downstream from the debris disposal areas. The DTSC has not established a CHHSL for bentazon. However, the U.S. EPA has established a Preliminary Remediation Goal (PRG) of 1,800 ppm for bentazon in residential land use soils. Based on these results, the bentazon measured in the debris does not appear to represent a significant environmental concern, and should not significantly affect acceptance of the debris at local landfills. In our opinion, the chemical test results indicate that the material in the debris disposal areas can be removed from the Site as non-hazardous waste.

3.3 Former UST and Ranch Area

3.3.1 Former UST and Ranch Area Investigation Methods

Investigation of the former UST and ranch area consisted of collecting soil gas, soil, and groundwater samples from borings and monitoring wells located at distances of up to 250 feet from the former UST, and at other areas of potential environmental concern around the ranch complex identified in the previous Phase I ESA. The investigation included collection of soil and "grab" groundwater samples from seven exploratory borings advanced to evaluate the lateral extent of hydrocarbon contamination, analysis of groundwater samples collected from five groundwater monitoring wells installed at the Site, and analysis of nine soil gas samples collected to evaluate potential indoor air quality impacts related to contamination from the former UST. Sample locations are shown on Figure 3.

Borings for soil and groundwater sampling were advanced using a truck-mounted drill rig equipped with approximate 8-inch diameter hollow-stem augers. During drilling, soil samples were collected for borehole logging at approximate 5-foot intervals. Borings were logged in the field in accordance with the Unified Soils Classification System (USCS) under the supervision of a California-Registered Geologist.

Soil samples were collected for chemical analysis from exploratory borings located in the vicinity of the former UST and other chemical storage areas around the ranch complex using a modified California Sampler containing thin, brass liners. Upon removal from the sampler, the ends of the liners were covered with Teflon-lined end caps, labeled, and placed in a cooled container for transport to the laboratory under chain-of-custody control. The samples were

analyzed for TPH-d and TPH-g using EPA Method 8015, and for BTEX and MTBE using EPA Method 8021.

Monitoring wells were installed at the approximate locations shown on Figure 3 using 2-inch diameter PVC, with approximately 15 feet of slotted well screen at the bottom of each well. A graded-sand filter pack was placed in the annular space around the casing from the bottom of the well to a level approximately 2 feet above the slotted well screen. A bentonite and cement grout surface seal extended above the sand pack to the ground surface, and the wells were finished with locking vaults. Well-top elevations were surveyed relative to mean sea level (msl) by CSS Environmental Services, a licensed surveyor. Logs of the borings, along with specific well-construction details are presented on the boring logs attached in Appendix B.

Monitoring wells were developed a minimum of 24-hours after installation by surging and pumping. Well development logs are attached in Appendix C. Each well was surged with a stainless steel bailer to remove sediments. Once the turbidity of the purge water had decreased, a down-well development pump was used to evacuate the well until physical parameters (pH, temperature, and conductivity) of the purge water had stabilized. A minimum of ten casing volumes was removed from each well during well development.

Monitoring wells were sampled approximately 24 hours after development. Following an initial groundwater level measurement, three to five well casing volumes were purged from each well using disposable polyethylene bailers until the groundwater physical parameters had stabilized. Samples were collected using dedicated polyethylene bailers, decanted into laboratory-supplied sample containers, labeled, and transported in a cooled container to the laboratory under chain-of-custody control. Groundwater samples were analyzed for TPH-g and TPH-d using EPA Method 8015 and for VOCs using EPA Method 8260. Well sampling logs are presented in Appendix C.

All drilling equipment was steam-cleaned prior to use at each boring location. All development and sampling equipment was washed with detergent and rinsed with distilled water between samples. Borings not completed as groundwater monitoring wells were backfilled with neat cement. Drill cuttings and monitoring well purge water were stored on-site in labeled 55-gallon drums pending characterization and removal from the site.

Soil vapor samples were collected on December 1, 2005 at nine locations, as approximately shown on Figure 3. The samples were collected and analyzed using an on-Site mobile laboratory by Transglobal Environmental Geochemistry (TEG) of Rancho Cordova, California. Samples were collected and analyzed in general accordance with methods described in the joint DTSC and Los Angeles RWQCB document titled *Soil Gas Advisory* (the Advisory) dated January 2003,

and in the *Interim Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* (the Guidance) dated December 2004 (Revised February 7, 2005).

The samples were collected at an approximate depth of 5 feet bgs using a small-diameter probe with an inner polyethylene sampling tube, driven by a truck-mounted Geoprobe. After driving the sampling probe to the desired depth, the probe was retracted to expose an air-inlet screen. A bentonite surface seal was placed around the probe and hydrated to prevent ambient air intrusion. At each location, the probe was allowed to equilibrate for at least 20 minutes prior to purging and sampling. Purging and sampling was accomplished using a sampling syringe attached to the inner polyethylene tubing by a three-way valve. Samples were immediately analyzed on-Site in TEG's certified mobile laboratory for select VOCs using EPA Method 8260B. A purge-volume test was conducted at the first sampling location (SG-1) by collecting and analyzing soil gas samples after purging one, three, and seven sampling tube volumes. Benzene was detected in the purge volume tests at a concentration of 0.10 microgram per liter (µg/l) following one purge volume, and was not measured above the laboratory MRL of 0.1 µg/l in the samples collected following three and seven purge volumes. Therefore, in accordance with the Advisory, one purge-volume was subsequently used as the standard purge amount during sampling. Leak detection tests were conducted at each sampling location by spraying 1,1-difluoroethane around the surface seal prior to purging.

To minimize the potential for cross-contamination between sample locations, all external probe parts were cleaned of dirt and moisture prior to insertion. The internal inert tubing and sampling syringes are flushed with large volumes of ambient air between samples or discarded as required. Upon completion of the drilling, the boreholes were backfilled with a cement grout.

3.3.2 Subsurface Conditions

Soils encountered in borings advanced around the ranch complex generally consisted of silty clay or sandy clay to the maximum depth explored of about 30 feet bgs. In several of the borings, thin to moderately thick layers of silty sand or gravelly sand were encountered at a depth of about 20 feet bgs.

Groundwater was generally encountered during drilling at depths of 20 to 25 feet bgs, with stabilized water levels measured in the groundwater monitoring wells at depths of 16 to 18 feet bgs. These data suggest that groundwater is present under semi-confined conditions at this location.

The surveyed well-top elevations and groundwater level measurements recorded on December 6, 2005 were used to construct the Groundwater Flow Map presented on Figure 4. Groundwater

elevation data are presented in Table 3. The data indicate a groundwater flow direction toward the south at an approximate gradient of 0.042 feet per foot.

3.3.3 Former UST and Ranch Area Investigation Results

Soil Quality

Soil sample analytical results are presented in Table 4 and laboratory analytical results are presented in Appendix A. As shown in Table, TPH-g was measured at a maximum concentration of 1,100 ppm in the sample collected at a depth of about 19.5 feet bgs in boring NG-5, located adjacent to the former UST fuel pump. TPH-g was measured at concentrations of 700 ppm and 670 ppm at depths of 14.5 and 19.5 feet in boring NG-1, located in the former UST excavation area, and at 590 ppm and 490 ppm in samples collected at depths of 19.5 and 24.5 feet bgs in boring NG-3, located a distance of about 20 feet from the former UST location. Low concentrations of TPH-d were also reported in these samples. However, the laboratory reports that the diesel-range hydrocarbons most likely represent a weathered gasoline fraction. Soil samples collected at depths of 4.5 and 9.5 feet bgs did not contain TPH-g or TPH-d above the laboratory MRLs, except for the sample at 9.5 feet bgs in boring NG-5, located immediately adjacent to the former fuel pump area, which contained TPH-d and TPH-g at 320 and 620 ppm, respectively.

Benzene was present above the laboratory MRL in nine of the 28 soil samples collected in the ranch area, with concentrations ranging from a low of 0.005 ppm in the sample from 18.5 feet bgs in boring NG-2, to a maximum of 1.8 ppm in the sample collected at a depth of 19.5 feet bgs at boring NG-5. The concentration of benzene measured in six of these samples (0.34, 0.56, 0.56, 0.59, 1.2, and 1.8 ppm) exceed the RWQCB ESL for potential impacts to indoor air quality in residential land use of 0.18 ppm.

Toluene, ethylbenzene, and xylenes were measured at maximum concentrations of 41, 15, and 77 ppm in the sample collected at a depth of 19.5 feet bgs in boring NG-5. None of the samples contained toluene, ethylbenzene, or xylenes at concentrations above the ESLs for potential impacts to indoor air quality in residential land use of 130 ppm for toluene, 390 ppm for ethylbenzene, and 310 ppm for xylenes.

MTBE was measured at a maximum concentration of 0.96 ppm in the sample from 14.5 feet bgs at boring NG-1. None of the samples contained MTBE above the ESL of 2 ppm for evaluating potential indoor air quality impacts in a residential land use setting.

Soil samples collected adjacent to a diesel fuel drum storage area in Barn #2 (boring NG-6) did not contain petroleum hydrocarbons above the laboratory MRL. Shallow soil samples collected

near the empty ASTs and 55-gallon waste oil drum north of Barn #2 (boring NG-7) contained low levels of toluene, ethylbenzene, and xylenes. However, none of the measured concentrations exceeded the applicable ESLs for residential land use established by the California RWQCB.

Groundwater Quality

Groundwater samples were collected both as "grab" samples from open boreholes and from properly installed and developed monitoring wells. Chemical test results are presented in Tables 5 and 6, respectively. As shown on the Tables, the chemical test results are compared to the State primary drinking water standard (the maximum contaminant level, or MCL) as well as the RWQCB ESLs for evaluating potential indoor air quality impacts from vapor intrusion. Although groundwater beneath the Site would likely be classified as a potential drinking water source, drinking water for the proposed development will be supplied by the local municipal provider, and not from on-Site wells. As such, comparison to the RWQCB ESLs may be more appropriate for evaluating potential impacts. Test results are also compared to PRGs for drinking water established by the U. S. EPA for cases where MCLs or ESLs have not been established.

As shown in Table 5, high levels of TPH-g and BTEX compounds are present in the groundwater samples collected as grab samples from the open boreholes. However, it should be noted that samples collected in this manner generally tend to over-state the actual concentration of compounds dissolved in the groundwater due to cross-contamination of the sample during drilling. Of particular note, the samples collected from borings NG-8 and NG-9 did not contain petroleum hydrocarbon compounds above the laboratory MRLs, indicating that hydrocarbon-impacted groundwater extends less than a distance of about 240 feet from the former UST.

Test results for groundwater samples collected from monitoring wells are presented in Table 6. As shown in the Table, elevated levels of TPH-g were measured in the samples from monitoring well MW-5 (53 ppm) located about 20 feet downgradient of the former UST, and to a lesser extent, at well MW-2 (3.4 ppm) located about 50 feet downgradient of the former UST. TPH-g was measured at 0.064 ppm in well MW-1, located just upgradient of the former fuel pump, and at 0.07 ppm in well MW-4 located about 130 feet downgradient (south) of the former UST. TPH-g was not measured above the laboratory MRL in the sample from well MW-3, located about 90 feet southwest of the former UST.

Benzene was measured at 13,000 ppb in the sample from MW-5, 470 ppb in the sample from MW-2, and at 2.0 ppb in the sample from MW-1. These concentrations exceed the MCL for benzene of 1.0 ppb. The benzene measured in well MW-5 exceeds the RWQCB ESL for

evaluating potential impacts to indoor air quality in a residential land use setting of 540 ppb. Benzene was not measured above the laboratory MRL in the samples from wells MW-3 and MW-4.

Ethylbenzene and xylenes were only present above the laboratory MRLs in wells MW-2 and MW-5. Well MW-5 also contained toluene. The concentration of these compounds in the sample from MW-5 exceed the MCLs of 700 ppb for ethylbenzene and 1,750 for xylene. However, none of the measured concentrations exceed the applicable ESLs for potential indoor air quality impacts for residential land use (380,000 ppb for toluene and 160,000 ppb for xylene).

MTBE was present above the laboratory MRL only in the samples from MW-5 and MW-2. The measured concentrations of MTBE in the wells exceed the MCL of 13 ppb. However, the results are well below the ESL for potential impacts to indoor air quality in residential land use of 24,000 ppb.

As shown on Table 6, with the exception of the sample collected from well MW-3, the samples collected from the groundwater monitoring wells variously contain other gasoline-related VOCs such as sec-butylbenzene, isopropylbenzene, trimethylbenzene, naphthalene, and 1,2-dichloroethane (1,2-DCA). The concentration of 1,2-DCA reported in wells MW-2 and MW-5 (57 and 290 ppb, respectively) exceed the drinking water MCL of 0.5 ppb. MCLs have not been established for the remaining VOC compounds. However, the concentrations of naphthalene, and the trimethylbenzenes measured in wells MW-2 and MW-5 exceed the respective ESLs or PRGs for drinking water. None of the compounds exceed established ESLs for potential indoor air impacts, with the exception of the 1,2-DCA reported in well MW-5 (290 ppb) which exceeds the ESL of 200 ppb.

Soil Vapor

Soil vapor test results are presented in Table 7. As shown in the Table, TPH was not measured above the laboratory MRL of 5 micrograms per liter (µg/l) in any of the samples. Benzene was measured at a concentration of 0.10 µg/l at sample SV-1, and at 0.14 µg/l at sample SV-2 (0.11 µg/l in a duplicate sample from SV-2). None of the other samples contained benzene above the laboratory MRL. The measured concentration of benzene in the samples from SV-1 and SV-2 exceed the CHHSL for potential impacts to indoor air quality of 0.0362 µg/l.

Toluene and xylenes were measured in most of the remaining samples. However, the measured concentrations were well below the CHHSLs for potential indoor air quality impacts in residential land use. Naphthalene and 1,2-DCA were not measured in soil gas above the laboratory MRL.

4.0 CONCLUSIONS AND RECOMMENDATIONS

4.1 Pesticides

DDT and DDE were detected in only one of 48 shallow soil samples analyzed for pesticide compounds at the Site. Chlorinated herbicides were not measured above the laboratory reporting limits in any of the samples analyzed for herbicides. Lead was measured in the shallow soil at concentrations representative of naturally occurring background levels, and arsenic was not measured in any of the samples above the laboratory-reporting limit of 5 ppm. Based on these test results, it is our opinion that shallow soils at the Site have not been significantly impacted by pesticide or herbicide compounds. No further action is recommended regarding development of the Site for residential land use.

4.2 Debris Disposal Areas

Soil samples collected within and beneath two trash and debris disposal areas located along drainage channels on the Site contained low levels of petroleum hydrocarbons as diesel and oil, but did not contain chlorinated VOCs, SVOCs, or organochlorine pesticide compounds. Soil samples collected within the debris contained very low levels of a chlorinated herbicide called bentazon, but the measured concentrations were well below the Preliminary Remediation Goals for unrestricted residential land use established by the U. S. Environmental Protection Agency. Metals were measured at concentrations generally representative of naturally occurring background levels. Finally, sediment samples collected in the drainage channels below the debris disposal areas did not contain petroleum hydrocarbons, VOCs, SVOCs, pesticides, or herbicides. Based on these results, the trash and debris disposal areas do not appear to have significantly impacted soil quality at the Site. In our opinion, the chemical test results indicate that the material in the debris disposal areas can be removed from the Site as non-hazardous waste. No further action is recommended regarding development of the Site for residential land use.

4.3 Former UST

Elevated levels of petroleum hydrocarbons as gasoline are present in soil and groundwater in the vicinity of a former UST located at the ranch complex area of the Site. Based on the sampling performed to date, it appears that elevated levels of hydrocarbons are present in soil at relatively shallow depths in the immediate vicinity of the former fuel pump and tank location, and at depths greater than about 15 feet bgs at distances greater than about 10 feet from the former tank and fuel pump location. The measured concentrations of gasoline hydrocarbon constituents in soil locally exceed Environmental Screening Levels for residential land use established by the RWQCB.

Groundwater samples collected in the area of the former UST indicate that elevated levels of petroleum hydrocarbons as gasoline are present in groundwater at distances of about 150 feet from the former UST. "Grab" groundwater samples collected at distances of about 250 feet downgradient of the former UST did not contain petroleum hydrocarbons.

The concentrations of benzene measured in groundwater samples collected in the immediate vicinity of the former UST exceed the primary drinking water standard and the Environmental Screening Levels for potential indoor air quality impacts in residential land use established by the RWQCB. Soil vapor samples collected within about 50 feet of the former UST contain benzene at concentrations above the Environmental Screening Levels for potential impacts to indoor air quality in residential land use.

It should be noted that the "grab" groundwater samples collected from open boreholes in the general area of the former UST contain significantly higher concentrations of gasoline compounds than the groundwater samples collected from the properly installed and developed monitoring wells. These data suggest that moderately high concentrations of gasoline hydrocarbons may be present in soil along the capillary-fringe above the groundwater surface. This is also supported by the soil sampling data that indicate the presence of petroleum hydrocarbons in soil only at depths of about 19 feet or deeper at distances of more than about 20 feet from the former UST.

We recommend that soil and groundwater remediation be performed prior to developing the Site for residential land use. At present, we estimate that an excavation area of approximately 30 feet by 50 feet by about 25 feet deep will remove the most highly impacted soil contamination source area. Clean soil can be segregated during the excavation program and re-used on-Site as fill. Groundwater treatment can be accomplished in a variety of ways depending on timing requirements. A general outline of the proposed mitigation area is shown on Figure 5.

5.0 LIMITATIONS

The purpose of a geologic/hydrogeologic study is to reasonably characterize existing Site conditions based on the geology/hydrogeology of the area. In performing such a study, it is understood that a balance must be struck between a reasonable inquiry into the Site conditions and an exhaustive analysis of each conceivable environmental characteristic. The following paragraphs discuss the assumptions and parameters under which such an opinion is rendered.

No investigation is thorough enough to describe all geologic/hydrogeologic conditions of interest at a given Site. If conditions have not been identified during the study, such a finding should not therefore be construed as a guarantee of the absence of such conditions at the Site, but rather as the result of the services performed within the scope, limitations, and cost of the work performed.

We are unable to report on or accurately predict events that may change the Site conditions after the described services are performed, whether occurring naturally or caused by external forces. We assume no responsibility for conditions we were not authorized to evaluate, or conditions not generally recognized as predictable when services were performed.

Geologic/hydrogeologic conditions may exist at the Site that cannot be identified solely by visual observation. Where subsurface exploratory work was performed, our professional opinions are based in part on interpretation of data from discrete sampling locations that may not represent actual conditions at unsampled locations.

TABLES

TABLE 1
Shallow Soil Sample Analytical Results—Pesticides and Herbicides

Sample ID	Sample Depth (feet)	Arsenic (mg/kg)	Lead (mg/kg)	DDT (mg/kg)	DDE (mg/kg)	Chlorinated Herbicides (mg/kg)
SS-01-1.5	1.5	<5.0	**5.1**	<5.0	<5.0	--
SS-01-0.5	0.5	<5.0	**7.2**	<5.0	<5.0	ND
SS-02-0.5	0.5	<5.0	**12**	<5.0	<5.0	--
SS-03-0.5	0.5	<5.0	**5.3**	<5.0	<5.0	--
SS-03-1.5	1.5	<5.0	<3.0	<5.0	<5.0	--
SS-04-0.5	0.5	<5.0	**4.2**	<5.0	<5.0	--
SS-05-0.5	0.5	<5.0	**5.4**	<5.0	<5.0	--
SS-05-1.5	1.5	<5.0	**5.4**	<5.0	<5.0	--
SS-06-0.5	0.5	<5.0	**11**	<5.0	<5.0	ND
SS-07-0.5	0.5	<5.0	**5.9**	<5.0	<5.0	ND
SS-08-0.5	0.5	<5.0	**11**	<5.0	<5.0	ND
SS-08-1.5	1.5	<5.0	**4.3**	<5.0	<5.0	--
SS-09-1.5	1.5	<5.0	**7.4**	<5.0	<5.0	ND
SS-10-0.5	0.5	<5.0	**5.8**	<5.0	<5.0	ND
SS-11-0.5	0.5	<5.0	**9.4**	<5.0	<5.0	ND
SS-12-0.5	0.5	<5.0	**8.9**	<5.0	<5.0	ND
SS-13-0.5	0.5	<5.0	**33**	<5.0	<5.0	ND
SS-14-0.5	0.5	<5.0	**55**	<5.0	<5.0	ND
SS-14-1.5	1.5	<5.0	<3.0	<5.0	<5.0	ND
SS-15-0.5	0.5	<5.0	**14**	<5.0	<5.0	ND
SS-16-0.5	0.5	<5.0	**12**	<5.0	<5.0	ND
SS-16-1.5	1.5	<5.0	**6.5**	<5.0	<5.0	ND
SS-17-0.5	0.5	<5.0	**29**	**29**	**390**	--
SS-18-0.5	0.5	<5.0	**3.9**	<5.0	<5.0	--
SS-18-1.5	1.5	<5.0	**3.4**	<5.0	<5.0	ND
SS-19-0.5	0.5	<5.0	**7**	<5.0	<5.0	--
SS-20-0.5	0.5	<5.0	**25**	<5.0	<5.0	--
SS-20-1.5	1.5	<5.0	**5.2**	<5.0	<5.0	ND
SS-21-0.5	0.5	<5.0	**5.2**	<5.0	<5.0	--
SS-22-0.5	0.5	<5.0	<3.0	<5.0	<5.0	--
SS-23-0.5	0.5	<5.0	<3.0	<5.0	<5.0	--
SS-24-0.5	0.5	<5.0	**7.4**	<5.0	<5.0	--
SS-24-1.5	1.5	<5.0	**4.6**	<5.0	<5.0	ND
SS-25-0.5	0.5	<5.0	**6.3**	<5.0	<5.0	--
SS-26-0.5	0.5	<5.0	**4.9**	<5.0	<5.0	--
SS-27-0.5	0.5	<5.0	**4.7**	<5.0	<5.0	--
SS-28-0.5	0.5	<5.0	**4.9**	<5.0	<5.0	--
SS-28-1.5	1.5	<5.0	**7.1**	<5.0	<5.0	ND
SS-29-0.5	0.5	<5.0	**6.9**	<5.0	<5.0	--
SS-30-0.5	0.5	<5.0	**5.8**	<5.0	<5.0	--
SS-31-0.5	0.5	<5.0	**4.5**	<5.0	<5.0	--
SS-31-1.5	1.5	<5.0	**6.6**	<5.0	<5.0	ND
SS-32-0.5	0.5	<5.0	**5**	<5.0	<5.0	--
SS-33-0.5	0.5	<5.0	**10**	<5.0	<5.0	ND
SS-33-1.5	1.5	<5.0	**4.5**	<5.0	<5.0	ND
SS-34-0.5	0.5	<5.0	<3.0	<5.0	<5.0	ND
SS-35-0.5	0.5	<5.0	**7.8**	<5.0	<5.0	ND
SS-36-0.5	0.5	<5.0	**5.3**	<5.0	<5.0	ND
CHHSL		0.07*	150	1600	1600	**

Notes

-- Not analyzed

* Or naturally occurring background concentration

** CHHSL varies with specific compound

< Not detected at or above the indicated laboratory method reporting limit
CHHSL: California Human Health Screening Level for residential land use (California Environmental Protection Agency, 2005)
mg/kg: micrograms per kilogram (parts per billion)

mg/kg: milligrams per kilogram (parts per million);
ND: Not detected at or above the laboratory method reporting limits. Limit varies with specific compound.

TABLE 2
Debris Disposal Area Soil Sample Analytical Results

Analyte	Units	TP1-1,2	TP1-3,4	TP2-1,2	TP2-3,4	TP1-0.5	TP1-Sed	TP2-Sed	CHHSL	ESL	TTLC
TPH as Oil	mg/kg	**120**	<10	<10	<10	**100**	<10	<10	--	500	--
TPH as Diesel	mg/kg	**40**	<10	<10	<10	**26**	<10	<10	--	100	--
TPH as Gasoline	mg/kg	<10	<10	<10	<10	<0.5	<0.5	<0.5	--	100	--
Volatile Organic Compounds											
Benzene	mg/kg	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	--	0.18	--
Toluene	mg/kg	<0.002	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	--	130	--
Ethylbenzene	mg/kg	**0.0081**	<0.002	<0.002	<0.002	<0.005	<0.005	<0.005	--	390	--
Xylenes	mg/kg	**0.067**	<0.004	<0.004	<0.004	<0.01	<0.01	<0.01	--	310	--
Methyl tert-Butyl Ether	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.02	<0.02	<0.02	--	2	--
Isopropylbenzene	mg/kg	**0.0041**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	--	--	--
n-Propylbenzene	mg/kg	**0.0068**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	--	--	--
135-Trimethylbenzene	mg/kg	**0.017**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	--	--	--
124-Trimethylbenzene	mg/kg	**0.044**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	--	--	--
Semi-Volatile Organic Compounds	mg/kg	ND	ND	ND	ND	ND	ND	ND	--	--	--
Organochlorine Pesticides	mg/kg	ND	ND	ND	ND	ND	ND	ND	--	--	--
Chlorinated Herbicides											
Bentazon	mg/kg	**0.00533**	**0.00546**	**0.00751**	**0.00649**	ND	ND	ND	--	--	--
Metals											
Antimony	mg/kg	<3	<3	<3	<3	<3	<3	<3	30	6.1	500
Arsenic	mg/kg	<5	<5	<5	<5	<5	<5	<5	0.07	5.5	500
Barium	mg/kg	**230**	**260**	**250**	**200**	**130**	**150**	**98**	5,200	1,000	10,000
Beryllium	mg/kg	<1	<1	<1	<1	<1	<1	<1	150	29	75
Cadmium	mg/kg	<2	<2	<2	<2	<2	<2	<2	1.7	1.7	100
Chromium	mg/kg	**17**	**30**	**30**	**20**	**14**	**22**	**10**	10,000	58	500
Cobalt	mg/kg	**8.7**	**9.6**	**9.3**	**8.5**	**8.8**	**8.2**	**4.2**	660	10	8,000
Copper	mg/kg	**29**	**19**	**11**	**7.8**	**13**	**11**	**5.4**	300	610	2,500
Lead	mg/kg	**31**	**19**	**11**	<3	**15**	**4.6**	**7.8**	150	150	1,000
Mercury	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	18	3.7	20
Molybdenum	mg/kg	<1	<1	<1	<1	<1	<1	<1	380	76	3,500
Nickel	mg/kg	**33**	**34**	**30**	**22**	**22**	**30**	**13**	1,600	310	2,000
Selenium	mg/kg	<5	<5	<5	<5	<5	<5	<5	380	76	100
Silver	mg/kg	<2	<2	<2	<2	<2	<2	<2	380	76	500
Thallium	mg/kg	<2	<2	<2	<2	<2	<2	<2	5	1	700
Vanadium	mg/kg	**16**	**15**	**15**	**20**	**11**	**12**	**13**	530	110	2,400
Zinc	mg/kg	**140**	**120**	**34**	**22**	**49**	**26**	**18**	23,000	4,600	5,000

Notes
--: Not established
<: Not detected at or above the indicated laboratory method reporting limit
CHHSL: DTSC California Human Health Screening Level for residential land use
ESL: RWQCB Environmental Screening Level for residential land use
mg/kg: milligrams per kilogram (parts per million)
ND: Not detected above the laboratory method reporting limit
TPH: total petroleum hydrocarbons
TTLC: Total Threshold Limit Concentration for designating a waste as a hazardous waste

TABLE 3
Groundwater Elevation Data

Well ID	Well-Top Elevation (feet MSL)	Depth to Water (feet)	Groundwater Elevation (feet MSL)
MW-1	425.73	17.08	408.65
MW-2	424.98	18.01	406.97
MW-3	421.47	17.35	404.12
MW-4	421.60	18.58	403.02
MW-5	424.04	16.40	407.64

Note
MSL: Mean sea level

TABLE 4
Soil Sample Analytical Results—Petroleum Hydrocarbons

Boring Number and Sample Depth in Feet	TPH-d (mg/kg)	TPH-g (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	MTBE (mg/kg)
NG-1-14.5	**340***	**700**	**0.56**	**16**	**9**	**56**	**0.96**
NG-1-19.5	**49***	**670**	**1.2**	**13**	**7**	**40**	**0.72**
NG-2-4.5	<10	<0.5	<0.005	<0.020	<0.005	**0.0268**	<0.020
NG-2-9.5	<10	<0.5	<0.005	<0.020	<0.005	**0.0268**	<0.020
NG-2-14.5	<10	<0.5	<0.005	<0.020	<0.005	**0.0000**	<0.020
NG-2-18.5	<10	**1.3**	**0.005**	**0.0089**	<0.005	**0.0231**	<0.020
NG-2-24.5	<10	**2.2**	**0.59**	**0.049**	**0.038**	**0.041**	**0.21**
NG-3-4.5	<10	<0.5	<0.005	**0.014**	<0.005	**0.0223**	<0.020
NG-3-9.5	<10	<0.5	<0.005	**0.014**	<0.005	**0.0223**	<0.020
NG-3-14.5	<10	<0.5	<0.005	**0.012**	<0.005	**0.0190**	<0.020
NG-3-19.5	<10	**590**	**0.56**	**0.15**	**0.99**	**4.8**	<0.020
NG-3-24.5	**26***	**490**	<1	**2.9**	**3.2**	**24**	<4,000
NG-4-4.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-4-9.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-4-14.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-4-19.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-4-24.5	**49***	**220**	**0.15**	<20	**0.73**	**3.6**	**0.11**
NG-5-4.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<20
NG-5-9.5	**320***	**620**	<100	**1**	**9.6**	**61**	**0.43**
NG-5-14.5	**210***	**760**	**0.34**	**22**	**12**	**66**	<400
NG-5-19.5	**200***	**1,100**	**1.8**	**41**	**15**	**77**	<4,000
NG-6-4.5	<10	<0.5	**0.0059**	**0.05**	**0.0091**	**0.049**	<0.020
NG-6-9.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-6-14.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-6-19.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-6-24.5	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-7-1	<10	<0.5	<0.005	<0.005	<0.005	<0.010	<0.020
NG-7-2	<10	<0.5	<0.005	**0.015**	**0.065**	**0.0193**	<0.020
ESL	100[+]	100[+]	0.18[++]	130[++]	390[++]	310[++]	2[++]

Note

mg/k: milligrams per kilogram (parts per million)

TPH-d: Total petroleum hydrocarbons as diesel

TPH-g: Total petroleum hydrocarbons as gasoline

MTBE: Methyl tert-butyl ether

<: Not detected at or above the indicated laboratory method reporting limit

*: Hydrocarbon represents late gasoline fraction

ESL: RWQCB Environmental Screening Level for residential land use

+: ESL based on direct contact

++: ESL based on potential impacts to indoor air quality

TABLE 5
Groundwater Analytical Results—Open Borehole Grab Samples

Analyte	Units	NG-1	NG-2	NG-3	NG-4	NG-5	NG-8	NG-9	Residential ESL for Indoor Air Impacts	Commercial ESL for Indoor Air Impacts	ESL or PRG for Drinking Water Toxicity	MCL
TPH as Diesel	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.5	<0.5	--	--	0.21	--
TPH as Gasoline	mg/l	**190**	**160**	**120**	**79**	**250**	<0.5	<0.5	--	--	0.21	--
Purgeable Aromatic Compounds												
Benzene	µg/l	**10,000**	**16,000**	**6,300**	**15,000**	**15,000**	<0.5	<0.5	540	1,800	1	1
Toluene	µg/l	**32,000**	**71,000**	**11,000**	**2,800**	**59,000**	<0.5	<0.5	380,000	530,000	150	150
Ethylbenzene	µg/l	**4,800**	**3,300**	**3,600**	**500**	**5,400**	<0.5	<0.5	170,000	170,000	700	700
Xylenes	µg/l	**24,100**	**17,100**	**21,100**	**4,350**	**26,100**	<1	<1	160,000	160,000	700	1,750
Methyl tert-Butyl Ether	µg/l	**17,000**	**14,000**	**460**	**1,800**	**1,200**	<1	<1	24,000	80,000	11*	13
Other VOCs												
sec-Butylbenzene	µg/l	**190**	<1	**140**	**60**	**67**	<1	<1	--	--	240*	--
tert-Butylbenzene	µg/l	<1	**15**	**16**	**9**	<1	<1	<1	--	--	240*	--
1,2-Dichloroethane	µg/l	**110**	**82**	**250**	**360**	**21**	<0.5	<0.5	200	690	0.5	0.5
Isopropylbenzene	µg/l	**390**	**240**	**320**	**230**	**190**	<1	<1	--	--	660	--
p-Isopropylbenzene	µg/l	**120**	**54**	**92**	**42**	**43**	<1	<1	--	--	--	--
Naphthalene	µg/l	**900**	**1,100**	**940**	**1,200**	**1,100**	<1	<1	3,200	11,000	17	--
n-Propylbenzene	µg/l	**570**	**590**	**490**	**460**	**410**	<1	<1	--	--	240*	--
1,3,5-Trimetyhlbenzene	µg/l	**1,000**	**900**	**880**	**510**	**790**	<1	<1	--	--	12*	--
1,24-Trimethylbenzene	µg/l	**3,700**	**3,200**	**3,400**	**2,600**	**3,100**	<1	<1	--	--	12*	--

Note
--: Not established
<: Not detected at or above the indicated laboratory method reporting limi
ESL: RWQCB Environmental Screening Level assuming groundwater is a potential drinking water sourc
Groundwater analysis by EPA 8015 for TPH and 8260B for Purgeable Aromatics, MTBE, and VOCs
MCL: Maximum Contaminant Level (primary drinking water standard)
µg/l: micrograms per liter (parts per billion)
mg/l: milligrams per liter (parts per million)
PRG: USEPA Preliminary Remediation Goal for tap water. PRG values denoted with *
TPH: Total Petroleum Hydrocarbons

TABLE 6
Groundwater Analytical Results—Monitoring Well Samples

Analyte	Units	MW-1	MW-2	MW-3	MW-4	MW-5	Residential ESL for Indoor Air Vapor Intrusion	Commercial ESL for Indoor Air Vapor Intrusion	ESL or PRG for Drinking Water Toxicity	MCL
TPH as Gasoline	mg/l	**0.064**	**3.4**	<0.05	**0.07**	**53**	--	--	0.21	--
Purgeable Aromatics										
Benzene	µg/l	**2.0**	**470**	<0.5	<0.5	**13,000**	540	1,800	1	1
Toluene	µg/l	<0.5	<25	<0.5	<0.5	**1,300**	380,000	530,000	150	150
Ethylbenzene	µg/l	<0.5	**55**	<0.5	<0.5	**930**	170,000	170,000	700	700
Xylenes	µg/l	<0.5	**120**	<0.5	<0.5	**4,400**	160,000	160,000	700	1,750
Methyl tert-Butyl Ether	µg/l	<0.5	**800**	<0.5	<0.5	**7,000**	24,000	80,000	11*	13
Other VOCs										
sec-Butylbenzene	µg/l	<0.5	<25	<0.5	**7.7**	<250	--	--	240*	--
tert-Butylbenzene	µg/l	<0.5	<25	<0.5	**2.4**	<250	--	--	240*	--
n-butyl benzene	µg/l	<0.5	<25	<0.5	**0.88**	<250	--	--		
1,2-Dichloroethane	µg/l	<0.5	**57**	<0.5	<0.5	**290**	200	690	0.5	0.5
Isopropylbenzene	µg/l	**0.52**	<25	<0.5	<0.5	<250	--	--	660	--
p-Isopropylbenzene	µg/l	<0.5	<25	<0.5	<0.5	<250	--	--	--	--
Naphthalene	µg/l	<0.5	**60**	<0.5	<0.5	**560**	3,200	11,000	17	--
n-Propylbenzene	µg/l	<0.5	<25	<0.5	<0.5	<250	--	--	240*	--
1,3,5-Trimetyhlbenzene	µg/l	<0.5	**34**	<0.5	<0.5	**400**	--	--	12*	--
1,24-Trimethylbenzene	µg/l	<0.5	**82**	<0.5	<0.5	**1,500**	--	--	12*	--

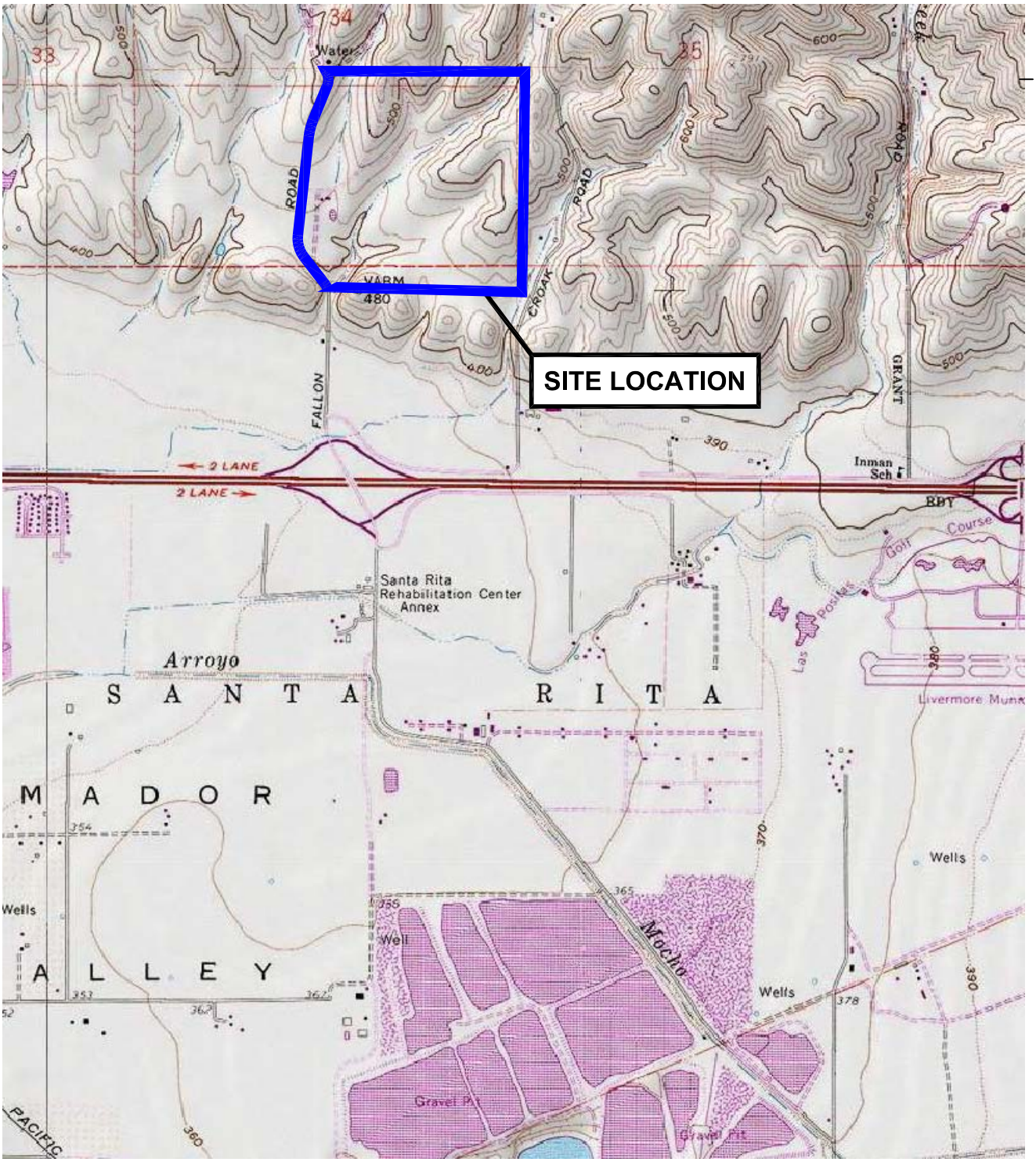
Note
--: Not established
<: Not detected at or above the indicated laboratory method reporting limit
ESL: RWQCB Environmental Screening Level assuming groundwater is a potential drinking water source
Groundwater analysis by EPA 8015 for TPH and 8260B for Purgeable Aromatics, MTBE, and VOCs
MCL: Maximum Contaminant Level (primary drinking water standard)
mg/l: micrograms per liter (parts per billion)
mg/l: milligrams per liter (parts per million)
PRG: USEPA Preliminary Remediation Goal for tap water. PRG values denoted with *
TPH: Total Petroleum Hydrocarbons

TABLE 7
Soil Vapor Analytical Results

Analyte	Units	SV-1	SV-1*	SV-1**	SV-2	SV-2 (dup)	SV-3	SV-4	SV-5	SV-6	SV-7	SV-8	SV-9	Residential CHHSL	Commercial CHHSL
TPH	µg/l	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	--	--
Purgeable Aromatics															
Benzene	µg/l	**0.10**	<0.1	<0.1	**0.14**	**0.11**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.0362	0.122
Toluene	µg/l	**0.24**	**0.21**	**0.19**	**0.29**	**0.24**	**0.13**	**0.17**	**0.14**	**0.18**	**0.15**	**0.13**	<0.1	135	378
Ethylbenzene	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	--	--
Xylenes	µg/l	**0.17**	**0.16**	**0.15**	**0.15**	**0.13**	**0.12**	**0.13**	**0.10**	**0.12**	**0.11**	**0.11**	**0.10**	315	879
Methyl tert-Butyl Ether	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	4	13.4
Other VOCs															
1,2-Dichloroethane	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.0496	0.167
Naphthalene	µg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.0319	0.106

Note
** Seven purge volumes
* Three purge volumes
--: Not established
<: Not detected at or above the indicated laboratory method reporting limit
All samples collected following one purge volume except as noted
CHHSL: California Human Health Screening Level
µg/l: micrograms per liter
Soil Vapor analysis by EPA 8260B for BTEX, Oxygenates, 1,2 DCA, Naphthalene, & TPH
TPH: Total Petroleum Hydrocarbons

FIGURES



Scale 1:24,000

1 1/2 0 1 Mile

1000 0 1000 2000 3000 4000 5000 6000 7000 Feet

1 .5 0 1 Kilometer

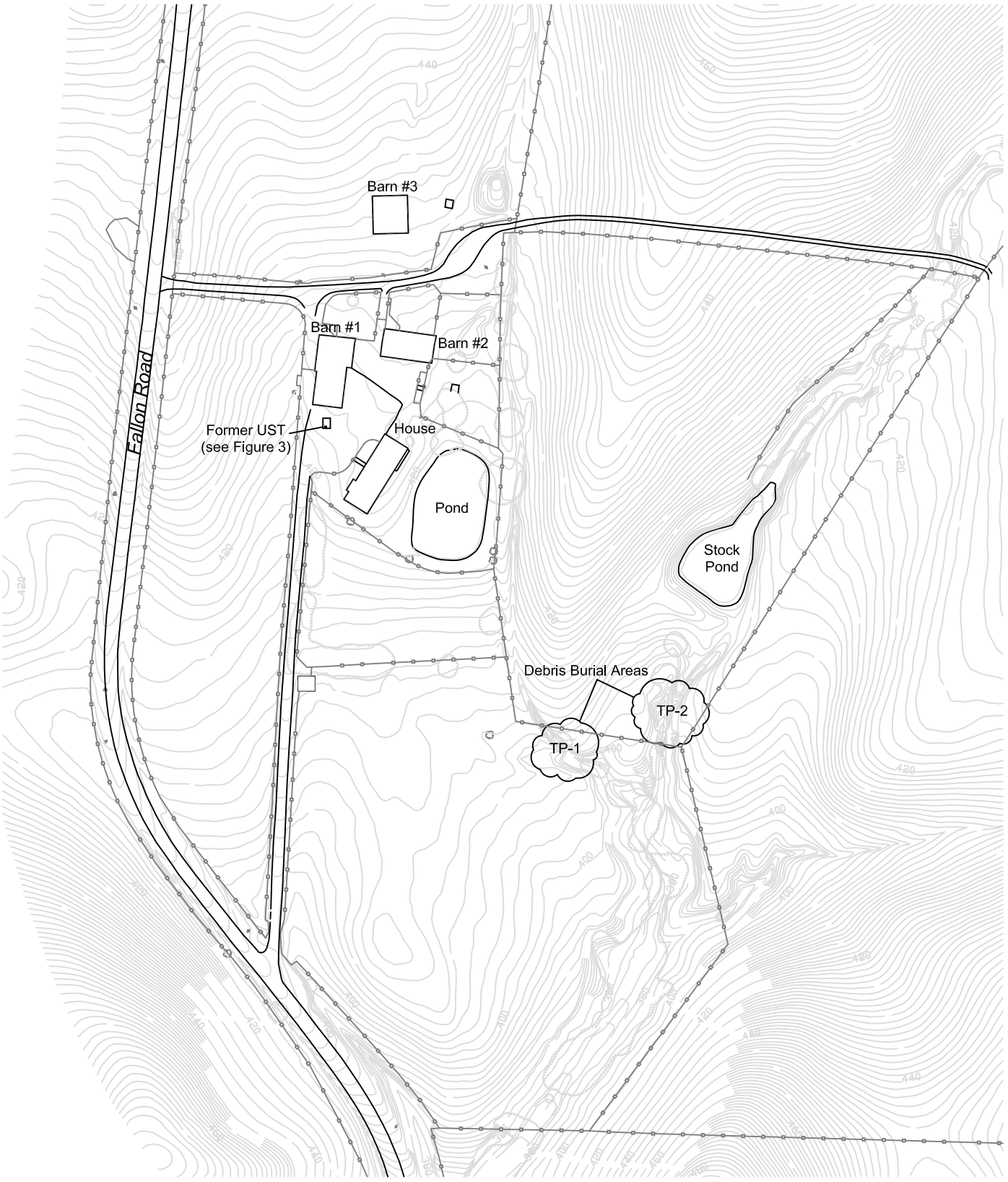
Source: National Geographic USGS TOPO! 2000

FIGURE 1
Site Location Map

Jordan Ranch
Dublin, California

northgate
environmental management, inc.

Project No. 1152.02



N

0 100 200

Scale (Feet)

Note: Entire site not shown.

FIGURE 2
Site Plan

Jordan Ranch
Dublin, California

northgate
environmental management, inc.

Project No. 1152.02

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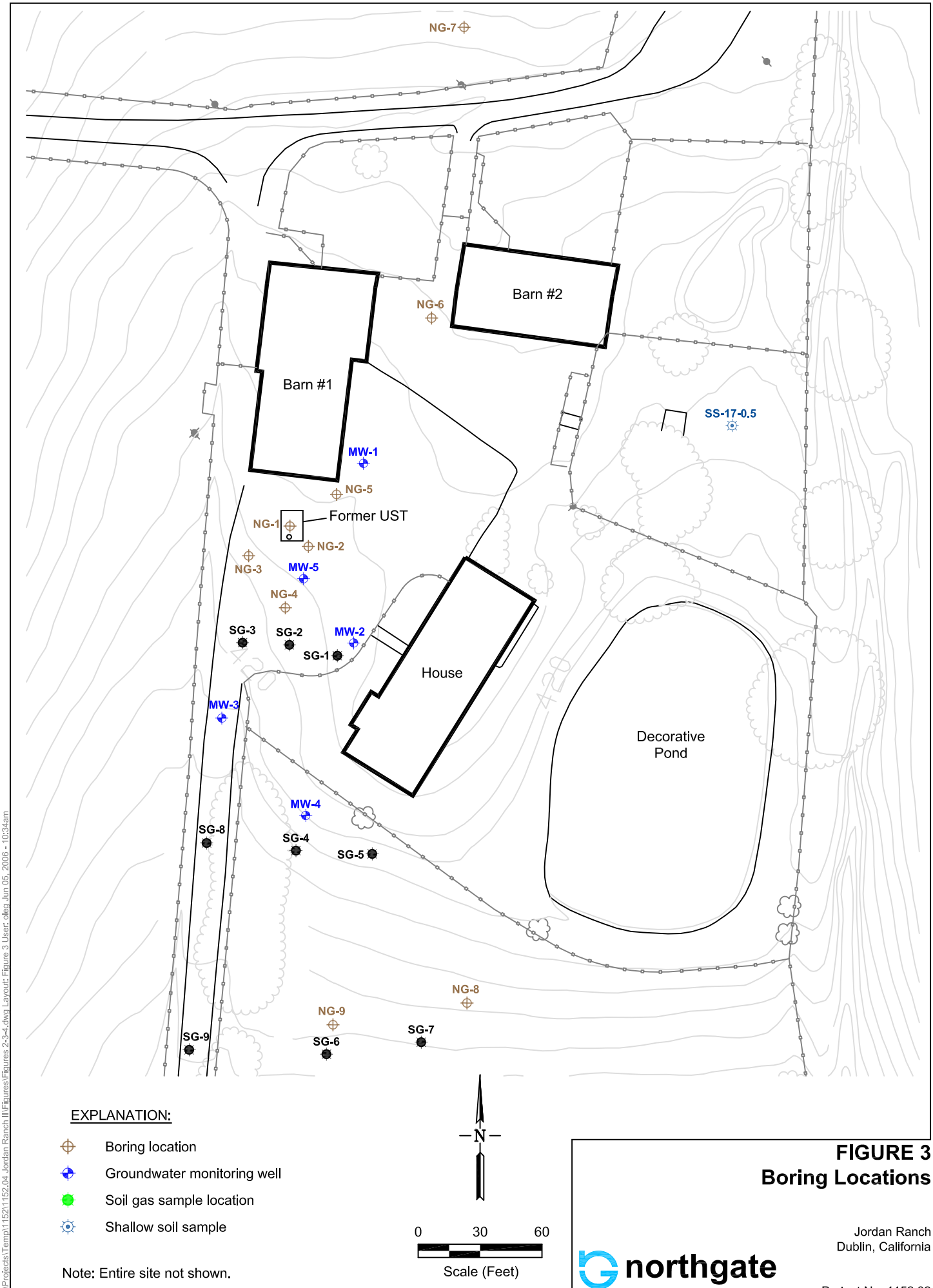

FIGURE 3
Boring Locations

Jordan Ranch
Dublin, California

northgate
environmental management, inc.

Project No. 1152.02

G:\Projects\Temp\1152\1152.04 Jordan Ranch II\Figures\Figures 2-3-4.dwg Layout: Figure 3 User: oleg Jun 05, 2006 - 10:34am

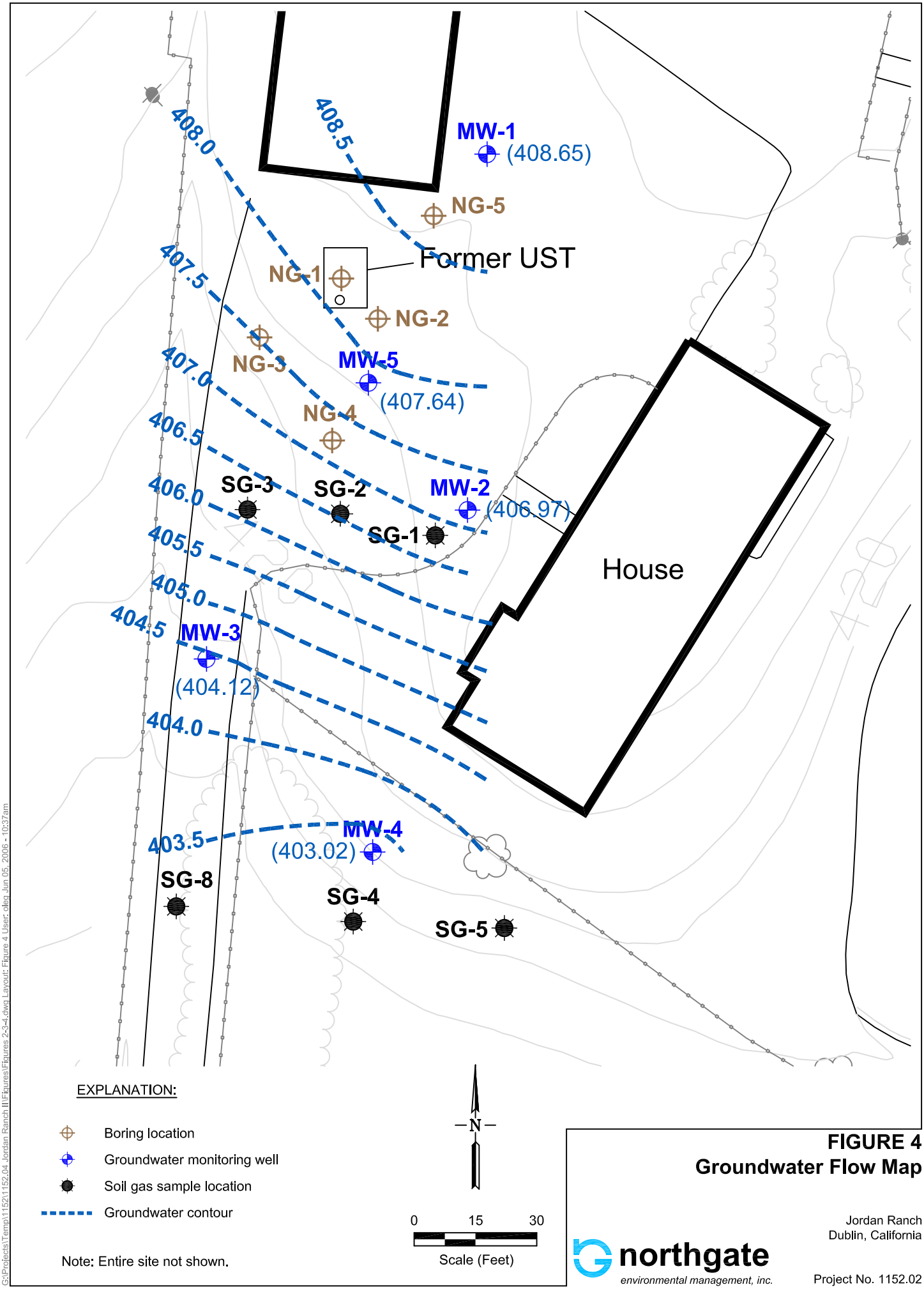

FIGURE 4
Groundwater Flow Map

Jordan Ranch
Dublin, California

northgate
environmental management, inc.

Project No. 1152.02

G:\Projects\Temp\1152\1152.04 Jordan Ranch II\Figures\Figures 2-3-4.dwg Layout: Figure 4 User: oleg Jun 05, 2006 - 10:37am

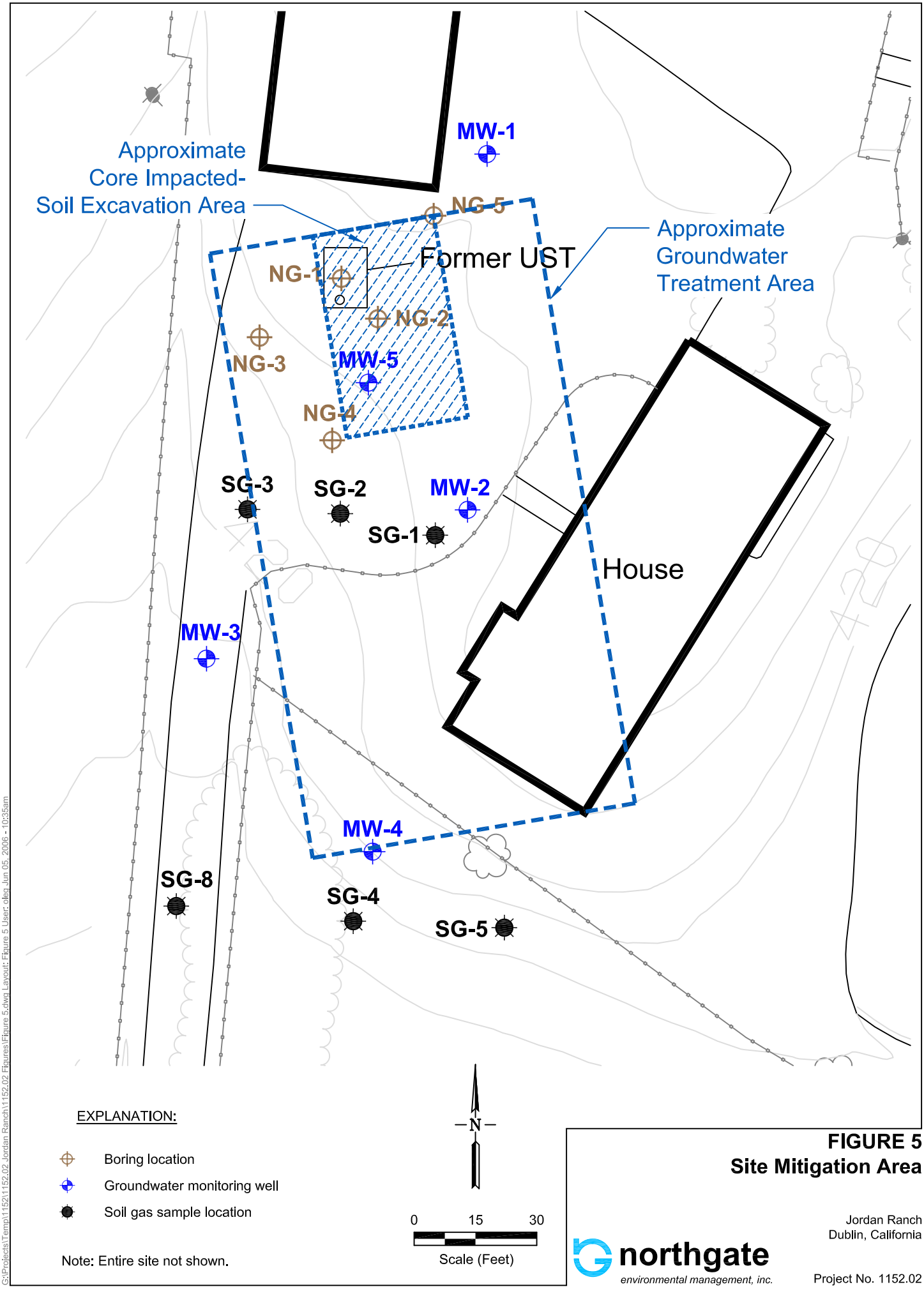

FIGURE 5
Site Mitigation Area

Jordan Ranch
Dublin, California

northgate
environmental management, inc.

Project No. 1152.02

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APPENDIX A
Laboratory Reports

SunStar Laboratories, Inc.

23 November 2005

Dennis Laduzinsky
Northgate Env. Mgmt.
300 Frank Ogawa Plaza #510
Oakland, CA 94612

RE: Jordan Ranch

Enclosed are the results of analyses for samples received by the laboratory on 11/19/05 10:51. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John Shepler
Laboratory Director

3002 Dow Avenue, Suite 212, Tustin, CA 92780 Phone (714) 505-4010 Fax (714) 505-4028

23 November 2005

Dennis Laduzinsky
Northgate Env. Mgmt.
300 Frank Ogawa Plaza #510
Oakland, CA 94612

RE: Jordan Ranch

Enclosed are the results of analyses for samples received by the laboratory on 11/19/05 10:51. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John Shepler
Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NG6-9.5	T501361-01	Soil	11/17/05 16:47	11/19/05 10:51
NG6-14.5	T501361-02	Soil	11/17/05 16:52	11/19/05 10:51
NG6-19.5	T501361-03	Soil	11/17/05 16:57	11/19/05 10:51
NG6-24.5	T501361-04	Soil	11/17/05 17:02	11/19/05 10:51
NG7-1.0	T501361-05	Soil	11/18/05 11:42	11/19/05 10:51
NG7-3.0	T501361-07	Soil	11/18/05 12:04	11/19/05 10:51
SS-B101-1.0	T501361-08	Soil	11/18/05 10:58	11/19/05 10:51
SS-B102-1.0	T501361-09	Soil	11/18/05 11:05	11/19/05 10:51
SS-B103-1.0	T501361-10	Soil	11/18/05 11:12	11/19/05 10:51
SS-B104-1.0	T501361-11	Soil	11/18/05 11:18	11/19/05 10:51
NG3-24.5	T501361-12	Soil	11/17/05 11:20	11/19/05 10:51
NG4-4.5	T501361-13	Soil	11/17/05 12:00	11/19/05 10:51
NG4-9.5	T501361-14	Soil	11/17/05 12:08	11/19/05 10:51
NG4-14.5	T501361-15	Soil	11/17/05 12:13	11/19/05 10:51
NG4-19.5	T501361-16	Soil	11/17/05 12:18	11/19/05 10:51
NG4-24.5	T501361-17	Soil	11/17/05 12:23	11/19/05 10:51
NG5-4.5	T501361-18	Soil	11/17/05 14:25	11/19/05 10:51
NG5-9.5	T501361-19	Soil	11/17/05 14:30	11/19/05 10:51
NG5-14.5	T501361-20	Soil	11/17/05 14:35	11/19/05 10:51
NG5-19.5	T501361-21	Soil	11/17/05 14:45	11/19/05 10:51
NG6-4.5	T501361-22	Soil	11/17/05 16:42	11/19/05 10:51
NG1-14.5	T501361-23	Soil	11/17/05 09:55	11/19/05 10:51
NG1-19.5	T501361-24	Soil	11/17/05 10:00	11/19/05 10:51
NG2-4.5	T501361-25	Soil	11/17/05 13:15	11/19/05 10:51
NG2-9.5	T501361-26	Soil	11/17/05 13:20	11/19/05 10:51
NG2-14.5	T501361-27	Soil	11/17/05 13:25	11/19/05 10:51
NG2-18.5	T501361-28	Soil	11/17/05 13:30	11/19/05 10:51
NG2-24.5	T501361-29	Soil	11/17/05 13:40	11/19/05 10:51
NG3-4.5	T501361-30	Soil	11/17/05 10:55	11/19/05 10:51

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NG3-9.5	T501361-31	Soil	11/17/05 11:00	11/19/05 10:51
NG3-14.5	T501361-32	Soil	11/17/05 11:05	11/19/05 10:51
NG3-19.5	T501361-33	Soil	11/17/05 11:10	11/19/05 10:51
NG-SS-01-1.5	T501361-34	Soil	11/18/05 10:32	11/19/05 10:51
NG-SS-03-1.5	T501361-35	Soil	11/18/05 11:15	11/19/05 10:51
NG-SS-05-1.5	T501361-36	Soil	11/18/05 11:45	11/19/05 10:51
NG-SS-08-1.5	T501361-37	Soil	11/18/05 12:29	11/19/05 10:51
NG-SS-09-0.5	T501361-38	Soil	11/18/05 12:21	11/19/05 10:51
SSNG-10-0.5	T501361-39	Soil	11/18/05 12:26	11/19/05 10:51
SSNG-11-0.5	T501361-40	Soil	11/18/05 12:30	11/19/05 10:51
SSNG-12-0.5	T501361-41	Soil	11/18/05 12:34	11/19/05 10:51
NG-SS02-0.5	T501361-42	Soil	11/18/05 10:55	11/19/05 10:51
NG-SS03-0.5	T501361-43	Soil	11/18/05 11:08	11/19/05 10:51
NG-SS04-0.5	T501361-44	Soil	11/18/05 11:27	11/19/05 10:51
NG-SS05-0.5	T501361-45	Soil	11/18/05 11:41	11/19/05 10:51
NG-SS01-0.5	T501361-46	Soil	11/18/05 10:30	11/19/05 10:51
NG-SS06-0.5	T501361-47	Soil	11/18/05 11:56	11/19/05 10:51
NG-SS07-0.5	T501361-48	Soil	11/18/05 12:12	11/19/05 10:51
NG-SS08-0.5	T501361-49	Soil	11/18/05 12:26	11/19/05 10:51
NG-SS13-0.5	T501361-50	Soil	11/18/05 13:00	11/19/05 10:51
NG-SS14-0.5	T501361-51	Soil	11/18/05 13:15	11/19/05 10:51
NG-SS15-0.5	T501361-52	Soil	11/18/05 13:41	11/19/05 10:51
NG-SS16-0.5	T501361-53	Soil	11/18/05 13:54	11/19/05 10:51
SS-NG17-0.5	T501361-54	Soil	11/18/05 13:01	11/19/05 10:51
SS-NG18-0.5	T501361-55	Soil	11/18/05 13:06	11/19/05 10:51
SS-NG19-0.5	T501361-56	Soil	11/18/05 13:20	11/19/05 10:51
SS-NG20-0.5	T501361-57	Soil	11/18/05 13:29	11/19/05 10:51
NG-SS-14-1.5	T501361-58	Soil	11/18/05 13:22	11/19/05 10:51
NG-SS-16-1.5	T501361-59	Soil	11/18/05 13:57	11/19/05 10:51
SS-NG-18-1.5	T501361-60	Soil	11/18/05 13:12	11/19/05 10:51

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-NG-20-1.5	T501361-61	Soil	11/18/05 13:37	11/19/05 10:51
SS-NG-21-0.5	T501361-62	Soil	11/18/05 14:23	11/19/05 10:51
SS-NG-22-0.5	T501361-63	Soil	11/18/05 14:18	11/19/05 10:51
SS-NG-23-0.5	T501361-64	Soil	11/18/05 14:28	11/19/05 10:51
SS-NG-24-0.5	T501361-65	Soil	11/18/05 14:35	11/19/05 10:51
SS-NG-25-0.5	T501361-66	Soil	11/18/05 14:43	11/19/05 10:51
SS-NG-26-0.5	T501361-67	Soil	11/18/05 14:46	11/19/05 10:51
SS-NG-27-0.5	T501361-68	Soil	11/18/05 14:50	11/19/05 10:51
SS-NG-28-0.5	T501361-69	Soil	11/18/05 14:54	11/19/05 10:51
SS-NG-29-0.5	T501361-70	Soil	11/18/05 15:06	11/19/05 10:51
SS-NG-30-0.5	T501361-71	Soil	11/18/05 15:10	11/19/05 10:51
SS-NG-31-0.5	T501361-72	Soil	11/18/05 15:14	11/19/05 10:51
SS-NG-32-0.5	T501361-73	Soil	11/18/05 15:20	11/19/05 10:51
SS-NG-33-0.5	T501361-74	Soil	11/18/05 15:27	11/19/05 10:51
SS-NG-34-0.5	T501361-75	Soil	11/18/05 15:39	11/19/05 10:51
SS-NG-35-0.5	T501361-76	Soil	11/18/05 15:49	11/19/05 10:51
SS-NG-36-0.5	T501361-77	Soil	11/18/05 15:52	11/19/05 10:51
SS-NG-28-1.5	T501361-78	Soil	11/18/05 15:01	11/19/05 10:51
SS-NG-24-1.5	T501361-79	Soil	11/18/05 14:33	11/19/05 10:51
SS-NG-31-1.5	T501361-80	Soil	11/18/05 15:16	11/19/05 10:51
SS-NG-33-1.5	T501361-81	Soil	11/18/05 15:30	11/19/05 10:51
TP1-0.5	T501361-82	Soil	11/18/05 16:37	11/19/05 10:51
TP1-SED	T501361-83	Soil	11/18/05 16:43	11/19/05 10:51
TP2-SED	T501361-84	Soil	11/18/05 16:55	11/19/05 10:51
NG1	T501361-85	Water	11/17/05 00:00	11/19/05 10:51
NG2	T501361-86	Water	11/17/05 00:00	11/19/05 10:51
NG3	T501361-87	Water	11/17/05 00:00	11/19/05 10:51
NG4	T501361-88	Water	11/17/05 00:00	11/19/05 10:51
NG5	T501361-89	Water	11/17/05 00:00	11/19/05 10:51

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG6-9.5
T501361-01 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*102 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*113 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG6-14.5
T501361-02 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*108 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*113 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG6-19.5
T501361-03 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*104 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*118 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG6-24.5
T501361-04 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*107 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*116 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG7-1.0
T501361-05 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*100 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
C13-C28 (DRO)	ND	10	mg/kg	1	5112112	11/21/05	11/21/05	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*118 %*	*65-135*		"	"	"	"	

NG7-3.0
T501361-07 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*107 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
C13-C28 (DRO)	ND	10	mg/kg	1	5112112	11/21/05	11/21/05	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	**15**	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	**14**	10	"	"	"	"	"	"	
o-Xylene	**5.3**	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*122 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-B101-1.0
T501361-08 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*105 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
C13-C28 (DRO)	ND	10	mg/kg	1	5112112	11/21/05	11/21/05	EPA 8015m	
C29-C40 (MORO)	**120**	10	"	"	"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	5112102	11/21/05	11/23/05	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	**52**	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	**8.4**	2.0	"	"	"	"	"	"	
Cobalt	**4.2**	2.0	"	"	"	"	"	"	
Copper	**13**	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**11**	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	**6.4**	5.0	"	"	"	"	"	"	
Zinc	**8.8**	1.0	"	"	"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-B101-1.0
T501361-08 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	5112103	11/21/05	11/23/05	EPA 7471A Soil	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*115 %*	*65-135*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-B102-1.0
T501361-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*89.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
C13-C28 (DRO)	ND	10	mg/kg	1	5112112	11/21/05	11/21/05	EPA 8015m	
C29-C40 (MORO)	**23**	10	"	"	"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	5112102	11/21/05	11/23/05	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	**180**	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	**19**	2.0	"	"	"	"	"	"	
Cobalt	**11**	2.0	"	"	"	"	"	"	
Copper	**31**	1.0	"	"	"	"	"	"	
Lead	**14**	3.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**19**	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	**15**	5.0	"	"	"	"	"	"	
Zinc	**29**	1.0	"	"	"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-B102-1.0
T501361-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	5112103	11/21/05	11/23/05	EPA 7471A Soil	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*65-135*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-B103-1.0
T501361-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
C13-C28 (DRO)	ND	10	mg/kg	1	5112112	11/21/05	11/21/05	EPA 8015m	
C29-C40 (MORO)	**14**	10	"	"	"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	5112102	11/21/05	11/23/05	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	**100**	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	**17**	2.0	"	"	"	"	"	"	
Cobalt	**4.4**	2.0	"	"	"	"	"	"	
Copper	**14**	1.0	"	"	"	"	"	"	
Lead	**6.6**	3.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**19**	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	**11**	5.0	"	"	"	"	"	"	
Zinc	**27**	1.0	"	"	"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-B103-1.0
T501361-10 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	5112103	11/21/05	11/23/05	EPA 7471A Soil	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*113 %*	*65-135*		"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-B104-1.0
T501361-11 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*109 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
C13-C28 (DRO)	ND	10	mg/kg	1	5112112	11/21/05	11/21/05	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	5112102	11/21/05	11/23/05	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	**77**	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	**10**	2.0	"	"	"	"	"	"	
Cobalt	**2.8**	2.0	"	"	"	"	"	"	
Copper	**13**	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**13**	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	**8.6**	5.0	"	"	"	"	"	"	
Zinc	**10**	1.0	"	"	"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-B104-1.0
T501361-11 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	5112103	11/21/05	11/23/05	EPA 7471A Soil	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*118 %*	*65-135*		"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG3-24.5
T501361-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**490000**	100000	ug/kg	200	5112109	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*100 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**26**	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	D-08
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	4000	ug/kg	200	5112109	11/21/05	11/22/05	EPA 8021B	
Benzene	ND	1000	"	"	"	"	"	"	
Toluene	**2900**	1000	"	"	"	"	"	"	
Ethylbenzene	**3200**	1000	"	"	"	"	"	"	
m,p-Xylene	**18000**	2000	"	"	"	"	"	"	
o-Xylene	**6400**	1000	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*120 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG4-4.5
T501361-13 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*103 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*122 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG4-9.5
T501361-14 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*98.4 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG4-14.5
T501361-15 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*96.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*117 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG4-19.5
T501361-16 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*89.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG4-24.5
T501361-17 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**220000**	2000	ug/kg	4	5112109	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*129 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**49**	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	D-08
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	**110**	80	ug/kg	4	5112109	11/21/05	11/22/05	EPA 8021B	
Benzene	**150**	20	"	"	"	"	"	"	
Toluene	ND	20	"	"	"	"	"	"	
Ethylbenzene	**730**	20	"	"	"	"	"	"	
m,p-Xylene	**3400**	40	"	"	"	"	"	"	
o-Xylene	**280**	20	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*65-135*		"	"	"	"	

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG5-4.5
T501361-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*66.2 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	ND	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*67.5 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG5-9.5
T501361-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**620000**	10000	ug/kg	20	5112109	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*129 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**320**	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	D-08
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	**430**	400	ug/kg	20	5112109	11/21/05	11/22/05	EPA 8021B	
Benzene	ND	100	"	"	"	"	"	"	
Toluene	**10000**	100	"	"	"	"	"	"	
Ethylbenzene	**9600**	100	"	"	"	"	"	"	
m,p-Xylene	**43000**	200	"	"	"	"	"	"	
o-Xylene	**18000**	100	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*65-135*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG5-14.5
T501361-20 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**760000**	10000	ug/kg	20	5112109	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*122 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**210**	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	D-08
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	400	ug/kg	20	5112109	11/21/05	11/22/05	EPA 8021B	
Benzene	**340**	100	"	"	"	"	"	"	
Toluene	**22000**	100	"	"	"	"	"	"	
Ethylbenzene	**12000**	100	"	"	"	"	"	"	
m,p-Xylene	**47000**	200	"	"	"	"	"	"	
o-Xylene	**19000**	100	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG5-19.5
T501361-21 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**1100000**	10000	ug/kg	20	5112109	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*124 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**200**	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	D-08
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	400	ug/kg	20	5112109	11/21/05	11/22/05	EPA 8021B	
Benzene	**1800**	100	"	"	"	"	"	"	
Toluene	**41000**	100	"	"	"	"	"	"	
Ethylbenzene	**15000**	100	"	"	"	"	"	"	
m,p-Xylene	**56000**	200	"	"	"	"	"	"	
o-Xylene	**21000**	100	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*65-135*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG6-4.5
T501361-22 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*100 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	**5.9**	5.0	"	"	"	"	"	"	
Toluene	**50**	5.0	"	"	"	"	"	"	
Ethylbenzene	**9.1**	5.0	"	"	"	"	"	"	
m,p-Xylene	**35**	10	"	"	"	"	"	"	
o-Xylene	**14**	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*121 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG1-14.5
T501361-23 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**700000**	20000	ug/kg	40	5112109	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*119 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**340**	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	D-08
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	**960**	800	ug/kg	40	5112109	11/21/05	11/22/05	EPA 8021B	
Benzene	**560**	200	"	"	"	"	"	"	
Toluene	**16000**	200	"	"	"	"	"	"	
Ethylbenzene	**9000**	200	"	"	"	"	"	"	
m,p-Xylene	**41000**	400	"	"	"	"	"	"	
o-Xylene	**15000**	200	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG1-19.5
T501361-24 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**670000**	10000	ug/kg	20	5112109	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*131 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	**49**	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	D-08
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	**720**	400	ug/kg	20	5112109	11/21/05	11/22/05	EPA 8021B	
Benzene	**1200**	100	"	"	"	"	"	"	
Toluene	**13000**	100	"	"	"	"	"	"	
Ethylbenzene	**7200**	100	"	"	"	"	"	"	
m,p-Xylene	**29000**	200	"	"	"	"	"	"	
o-Xylene	**11000**	100	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG2-4.5
T501361-25 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*101 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	**20**	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	**19**	10	"	"	"	"	"	"	
o-Xylene	**7.8**	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*119 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG2-9.5
T501361-26 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*102 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	**21**	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	**20**	10	"	"	"	"	"	"	
o-Xylene	**8.0**	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*122 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG2-14.5
T501361-27 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*102 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112116	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	**20**	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	**20**	10	"	"	"	"	"	"	
o-Xylene	**7.8**	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*122 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG2-18.5
T501361-28 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**1300**	500	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*80.0 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112117	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	**210**	20	ug/kg	1	5112109	11/21/05	11/21/05	EPA 8021B	
Benzene	**5.0**	5.0	"	"	"	"	"	"	
Toluene	**8.9**	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	**15**	10	"	"	"	"	"	"	
o-Xylene	**8.1**	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.6 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG2-24.5
T501361-29 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**2200**	500	ug/kg	1	5112109	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*79.3 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112117	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	**210**	20	ug/kg	1	5112109	11/21/05	11/22/05	EPA 8021B	
Benzene	**590**	5.0	"	"	"	"	"	"	
Toluene	**49**	5.0	"	"	"	"	"	"	
Ethylbenzene	**38**	5.0	"	"	"	"	"	"	
m,p-Xylene	**110**	10	"	"	"	"	"	"	
o-Xylene	**31**	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.2 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG3-4.5
T501361-30 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*97.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112117	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/22/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	**14**	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	**16**	10	"	"	"	"	"	"	
o-Xylene	**6.3**	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG3-9.5
T501361-31 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*93.6 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112117	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/22/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	**14**	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	**16**	10	"	"	"	"	"	"	
o-Xylene	**6.3**	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG3-14.5
T501361-32 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*92.0 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112117	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/22/05	EPA 8021B	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	**12**	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	**14**	10	"	"	"	"	"	"	
o-Xylene	**5.0**	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*	*65-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG3-19.5
T501361-33 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**59000**	500	ug/kg	1	5112109	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*134 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	10	mg/kg	1	5112117	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	20	ug/kg	1	5112109	11/21/05	11/22/05	EPA 8021B	
Benzene	**560**	5.0	"	"	"	"	"	"	
Toluene	**150**	5.0	"	"	"	"	"	"	
Ethylbenzene	**990**	5.0	"	"	"	"	"	"	
m,p-Xylene	**3600**	10	"	"	"	"	"	"	
o-Xylene	**1200**	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.8 %*	*65-135*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS-01-1.5
T501361-34 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**5.1**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*129 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS-03-1.5
T501361-35 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*119 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS-05-1.5
T501361-36 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**5.4**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*112 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS-08-1.5
T501361-37 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**4.3**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*120 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS-09-0.5
T501361-38 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**7.4**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*95.7 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS-09-0.5
T501361-38 (Soil)

SunStar Laboratories, Inc.

Chlorinated Phenoxy Acids by HPLC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*160 %*		*50-200*	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SSNG-10-0.5
T501361-39 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**5.8**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*102 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SSNG-10-0.5
T501361-39 (Soil)

SunStar Laboratories, Inc.

Chlorinated Phenoxy Acids by HPLC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*181 %*		*50-200*	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SSNG-11-0.5
T501361-40 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**9.4**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*98.1 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SSNG-11-0.5
T501361-40 (Soil)

SunStar Laboratories, Inc.

Chlorinated Phenoxy Acids by HPLC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*189 %*		*50-200*	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SSNG-12-0.5
T501361-41 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**8.9**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*123 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SSNG-12-0.5
T501361-41 (Soil)

SunStar Laboratories, Inc.

Chlorinated Phenoxy Acids by HPLC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*151 %*		*50-200*	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS02-0.5
T501361-42 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**12**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*119 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS03-0.5
T501361-43 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**5.3**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*102 %*	*35-140*		"	"	"	"	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS04-0.5
T501361-44 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**4.2**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*108 %*	*35-140*		"	"	"	"	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS05-0.5
T501361-45 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**5.4**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*124 %*	*35-140*		"	"	"	"	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS01-0.5
T501361-46 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**7.2**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*130 %*	*35-140*		"	"	"	"	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS01-0.5
T501361-46 (Soil)

SunStar Laboratories, Inc.

Chlorinated Phenoxy Acids by HPLC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*58.2 %*	*50-200*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS06-0.5
T501361-47 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**11**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*83.6 %*	*35-140*		"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS06-0.5
T501361-47 (Soil)

SunStar Laboratories, Inc.

Chlorinated Phenoxy Acids by HPLC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dalapon	ND	334	ug/kg	20	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	334	"	"	"	"	"	"	
Chloramben	ND	334	"	"	"	"	"	"	
Dicamba	ND	334	"	"	"	"	"	"	
4-Nitrophenol	ND	334	"	"	"	"	"	"	
Bentazon	ND	334	"	"	"	"	"	"	
2,4-D	ND	334	"	"	"	"	"	"	
MCPA	ND	334	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	334	"	"	"	"	"	"	
2,4,5-T	ND	334	"	"	"	"	"	"	
Dichloroprop	ND	334	"	"	"	"	"	"	
MCPP	ND	334	"	"	"	"	"	"	
2,4-DB	ND	334	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	334	"	"	"	"	"	"	
Acifluorfen	ND	334	"	"	"	"	"	"	
Pentachlorophenol	ND	334	"	"	"	"	"	"	
Dinoseb	ND	334	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*111 %*	*50-200*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS07-0.5
T501361-48 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**5.9**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*122 %*	*35-140*		"	"	"	"	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS07-0.5
T501361-48 (Soil)

SunStar Laboratories, Inc.

Chlorinated Phenoxy Acids by HPLC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*190 %*		*50-200*	"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS08-0.5
T501361-49 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**11**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*122 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS08-0.5
T501361-49 (Soil)

SunStar Laboratories, Inc.

Chlorinated Phenoxy Acids by HPLC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*123 %*		*50-200*	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS13-0.5
T501361-50 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**33**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*100 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS13-0.5
T501361-50 (Soil)

SunStar Laboratories, Inc.

Chlorinated Phenoxy Acids by HPLC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*195 %*		*50-200*	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS14-0.5
T501361-51 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**55**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/22/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*112 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS14-0.5
T501361-51 (Soil)

SunStar Laboratories, Inc.

Chlorinated Phenoxy Acids by HPLC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*78.9 %*	*50-200*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS15-0.5
T501361-52 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**14**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/22/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*98.7 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS15-0.5
T501361-52 (Soil)

SunStar Laboratories, Inc.

Chlorinated Phenoxy Acids by HPLC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*89.4 %*	*50-200*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS16-0.5
T501361-53 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112113	11/21/05	11/22/05	EPA 6010B	
Lead	**12**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112101	11/21/05	11/22/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*104 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS16-0.5
T501361-53 (Soil)

SunStar Laboratories, Inc.

Chlorinated Phenoxy Acids by HPLC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*187 %*		*50-200*	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG17-0.5
T501361-54 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	**29**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	**390**	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	**29**	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*110 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG18-0.5
T501361-55 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	**3.9**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*124 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG19-0.5
T501361-56 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	**7.0**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*127 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG20-0.5
T501361-57 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	**25**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*111 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS-14-1.5
T501361-58 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*101 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS-14-1.5
T501361-58 (Soil)

SunStar Laboratories, Inc.

Chlorinated Phenoxy Acids by HPLC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*100 %*		*50-200*	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS-16-1.5
T501361-59 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	**6.5**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*91.4 %*		*35-140*	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG-SS-16-1.5
T501361-59 (Soil)

SunStar Laboratories, Inc.

Chlorinated Phenoxy Acids by HPLC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*135 %*		*50-200*	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-18-1.5
T501361-60 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	**3.4**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*123 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-18-1.5
T501361-60 (Soil)

SunStar Laboratories, Inc.

Chlorinated Phenoxy Acids by HPLC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*75.4 %*		*50-200*	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-20-1.5
T501361-61 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	**5.2**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*114 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-20-1.5
T501361-61 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chlorinated Phenoxy Acids by HPLC/MS									
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*61.5 %*		*50-200*	"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-21-0.5
T501361-62 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	**5.2**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*102 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-22-0.5
T501361-63 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*79.6 %*		*35-140*	"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-23-0.5
T501361-64 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*92.3 %*		*35-140*	"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-24-0.5
T501361-65 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	**7.4**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*135 %*	*35-140*		"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-25-0.5
T501361-66 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	**6.3**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*85.6 %*		*35-140*	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-26-0.5
T501361-67 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	**4.9**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*129 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-27-0.5
T501361-68 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	**4.7**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*88.9 %*	*35-140*		"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-28-0.5
T501361-69 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	**4.9**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*118 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-29-0.5
T501361-70 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	**6.9**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/21/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*121 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-30-0.5
T501361-71 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	**5.8**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/22/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*94.4 %*		*35-140*	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-31-0.5
T501361-72 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	**4.5**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/22/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*110 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-32-0.5
T501361-73 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112114	11/21/05	11/22/05	EPA 6010B	
Lead	**5.0**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112105	11/21/05	11/22/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*104 %*	*35-140*		"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-33-0.5
T501361-74 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112106	11/21/05	11/22/05	EPA 6010B	
Lead	**10**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112104	11/21/05	11/22/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*111 %*	*35-140*		"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-33-0.5
T501361-74 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chlorinated Phenoxy Acids by HPLC/MS									
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*65.2 %*		*50-200*	"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-34-0.5
T501361-75 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112106	11/21/05	11/22/05	EPA 6010B	
Lead	ND	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112104	11/21/05	11/22/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*124 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-34-0.5
T501361-75 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chlorinated Phenoxy Acids by HPLC/MS									
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*149 %*		*50-200*	"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-35-0.5
T501361-76 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112106	11/21/05	11/22/05	EPA 6010B	
Lead	**7.8**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112104	11/21/05	11/22/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*95.4 %*	*35-140*		"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-35-0.5
T501361-76 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chlorinated Phenoxy Acids by HPLC/MS									
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*141 %*		*50-200*	"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-36-0.5
T501361-77 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112106	11/21/05	11/22/05	EPA 6010B	
Lead	**5.3**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112104	11/21/05	11/22/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*106 %*	*35-140*		"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-36-0.5
T501361-77 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chlorinated Phenoxy Acids by HPLC/MS									
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*127 %*		*50-200*	"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-28-1.5
T501361-78 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112106	11/21/05	11/22/05	EPA 6010B	
Lead	**7.1**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112104	11/21/05	11/22/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*104 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-28-1.5
T501361-78 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chlorinated Phenoxy Acids by HPLC/MS									
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*136 %*		*50-200*	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-24-1.5
T501361-79 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112106	11/21/05	11/22/05	EPA 6010B	
Lead	**4.6**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112104	11/21/05	11/22/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*90.6 %*		*35-140*	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-24-1.5
T501361-79 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chlorinated Phenoxy Acids by HPLC/MS									
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*175 %*		*50-200*	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-31-1.5
T501361-80 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112106	11/21/05	11/22/05	EPA 6010B	
Lead	**6.6**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112104	11/21/05	11/22/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*109 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-31-1.5
T501361-80 (Soil)

SunStar Laboratories, Inc.

Chlorinated Phenoxy Acids by HPLC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*70.0 %*		*50-200*	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-33-1.5
T501361-81 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B									
Arsenic	ND	5.0	mg/kg	1	5112106	11/21/05	11/22/05	EPA 6010B	
Lead	**4.5**	3.0	"	"	"	"	"	"	
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5112104	11/21/05	11/22/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*112 %*	*35-140*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

SS-NG-33-1.5
T501361-81 (Soil)

SunStar Laboratories, Inc.

Chlorinated Phenoxy Acids by HPLC/MS

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dalapon	ND	16.7	ug/kg	1	5112107	11/21/05	11/23/05	EPA 8321A	
Picloram	ND	16.7	"	"	"	"	"	"	
Chloramben	ND	16.7	"	"	"	"	"	"	
Dicamba	ND	16.7	"	"	"	"	"	"	
4-Nitrophenol	ND	16.7	"	"	"	"	"	"	
Bentazon	ND	16.7	"	"	"	"	"	"	
2,4-D	ND	16.7	"	"	"	"	"	"	
MCPA	ND	16.7	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	16.7	"	"	"	"	"	"	
2,4,5-T	ND	16.7	"	"	"	"	"	"	
Dichloroprop	ND	16.7	"	"	"	"	"	"	
MCPP	ND	16.7	"	"	"	"	"	"	
2,4-DB	ND	16.7	"	"	"	"	"	"	
2,4,5-TP (Silvex)	ND	16.7	"	"	"	"	"	"	
Acifluorfen	ND	16.7	"	"	"	"	"	"	
Pentachlorophenol	ND	16.7	"	"	"	"	"	"	
Dinoseb	ND	16.7	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*61.9 %*		*50-200*	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

TP1-0.5
T501361-82 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*74.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
C13-C28 (DRO)	**26**	10	mg/kg	1	5112112	11/21/05	11/22/05	EPA 8015m	
C29-C40 (MORO)	**100**	10	"	"	"	"	"	"	D-02
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	5112102	11/21/05	11/23/05	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	**130**	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	**14**	2.0	"	"	"	"	"	"	
Cobalt	**8.8**	2.0	"	"	"	"	"	"	
Copper	**13**	1.0	"	"	"	"	"	"	
Lead	**15**	3.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**22**	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	**11**	5.0	"	"	"	"	"	"	
Zinc	**49**	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

TP1-0.5
T501361-82 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	5112103	11/21/05	11/23/05	EPA 7471A Soil	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

TP1-SED
T501361-83 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*90.4 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
C13-C28 (DRO)	ND	10	mg/kg	1	5112112	11/21/05	11/22/05	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	5112102	11/21/05	11/23/05	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	**150**	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	**22**	2.0	"	"	"	"	"	"	
Cobalt	**8.2**	2.0	"	"	"	"	"	"	
Copper	**11**	1.0	"	"	"	"	"	"	
Lead	**4.6**	3.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**30**	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	**12**	5.0	"	"	"	"	"	"	
Zinc	**26**	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

TP1-SED
T501361-83 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	5112103	11/21/05	11/23/05	EPA 7471A Soil	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

TP2-SED
T501361-84 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	500	ug/kg	1	5112109	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*79.8 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
C13-C28 (DRO)	ND	10	mg/kg	1	5112112	11/21/05	11/22/05	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	5112102	11/21/05	11/23/05	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	**98**	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	**10**	2.0	"	"	"	"	"	"	
Cobalt	**4.2**	2.0	"	"	"	"	"	"	
Copper	**5.4**	1.0	"	"	"	"	"	"	
Lead	**7.8**	3.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**13**	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	**13**	5.0	"	"	"	"	"	"	
Zinc	**18**	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

TP2-SED
T501361-84 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	5112103	11/21/05	11/23/05	EPA 7471A Soil	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG1
T501361-85 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**190000**	5000	ug/l	100	5112122	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*88.8 %*	*65-135*		"	"	*11/22/05*	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5112119	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**190**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**110**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG1
T501361-85 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Isopropylbenzene	**390**	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
p-Isopropyltoluene	**120**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**900**	10	"	10	"	"	11/22/05	"	
n-Propylbenzene	**570**	10	"	"	"	"	"	"	
Styrene	ND	1.0	"	1	"	"	11/21/05	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	11/22/05	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	11/21/05	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**1000**	10	"	10	"	"	11/22/05	"	
1,2,4-Trimethylbenzene	**3700**	100	"	100	"	"	11/22/05	"	
Vinyl chloride	ND	0.50	"	1	"	"	11/21/05	"	
Benzene	**10000**	50	"	100	"	"	11/22/05	"	
Toluene	**32000**	50	"	"	"	"	"	"	
Ethylbenzene	**4800**	50	"	"	"	"	"	"	
m,p-Xylene	**17000**	100	"	"	"	"	"	"	
o-Xylene	**7100**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.5 %*	*87.6-115*		"	"	*11/21/05*	"	
Surrogate: 4-Bromofluorobenzene		*111 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*98.5 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG2
T501361-86 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**160000**	5000	ug/l	100	5112122	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*102 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5112119	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**15**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**82**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG2
T501361-86 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Isopropylbenzene	**240**	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
p-Isopropyltoluene	**54**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**1100**	10	"	10	"	"	"	"	
n-Propylbenzene	**590**	1.0	"	1	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**900**	10	"	10	"	"	"	"	
1,2,4-Trimethylbenzene	**3200**	100	"	100	"	"	11/22/05	"	
Vinyl chloride	ND	0.50	"	1	"	"	11/21/05	"	
Benzene	**16000**	50	"	100	"	"	11/22/05	"	
Toluene	**7100**	50	"	"	"	"	"	"	
Ethylbenzene	**3300**	50	"	"	"	"	"	"	
m,p-Xylene	**12000**	100	"	"	"	"	"	"	
o-Xylene	**5100**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*97.8 %*	*87.6-115*		"	"	*11/21/05*	"	
Surrogate: 4-Bromofluorobenzene		*88.0 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99.8 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG3
T501361-87 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**120000**	5000	ug/l	100	5112122	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*84.2 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5112119	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**140**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**16**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**250**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG3
T501361-87 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Isopropylbenzene	**320**	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
p-Isopropyltoluene	**92**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**940**	10	"	10	"	"	"	"	
n-Propylbenzene	**490**	10	"	"	"	"	"	"	
Styrene	ND	1.0	"	1	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**880**	10	"	10	"	"	"	"	
1,2,4-Trimethylbenzene	**3400**	50	"	50	"	"	11/22/05	"	
Vinyl chloride	ND	0.50	"	1	"	"	11/21/05	"	
Benzene	**6300**	25	"	50	"	"	11/22/05	"	
Toluene	**11000**	25	"	"	"	"	"	"	
Ethylbenzene	**3600**	25	"	"	"	"	"	"	
m,p-Xylene	**15000**	50	"	"	"	"	"	"	
o-Xylene	**6100**	25	"	"	"	"	"	"	
Surrogate: Toluene-d8		*91.5 %*	*87.6-115*		"	"	*11/21/05*	"	
Surrogate: 4-Bromofluorobenzene		*95.8 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*95.8 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG4
T501361-88 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**79000**	1200	ug/l	25	5112122	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*101 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5112119	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**60**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**8.6**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**360**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG4
T501361-88 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Isopropylbenzene	**230**	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
p-Isopropyltoluene	**42**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**1200**	50	"	50	"	"	"	"	
n-Propylbenzene	**460**	1.0	"	1	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**510**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**2600**	50	"	50	"	"	11/22/05	"	
Vinyl chloride	ND	0.50	"	1	"	"	11/21/05	"	
Benzene	**15000**	25	"	50	"	"	11/22/05	"	
Toluene	**2800**	25	"	"	"	"	"	"	
Ethylbenzene	**500**	0.50	"	1	"	"	11/21/05	"	
m,p-Xylene	**3800**	50	"	50	"	"	11/22/05	"	
o-Xylene	**550**	0.50	"	1	"	"	11/21/05	"	
Surrogate: Toluene-d8		*94.0 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*109 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*98.5 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG5
T501361-89 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	**250000**	5000	ug/l	100	5112122	11/21/05	11/22/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*67.0 %*	*65-135*		"	"	*11/22/05*	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5112119	11/21/05	11/22/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**67**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**21**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

NG5
T501361-89 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Isopropylbenzene	**190**	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
p-Isopropyltoluene	**43**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**1100**	10	"	10	"	"	11/22/05	"	
n-Propylbenzene	**410**	10	"	"	"	"	"	"	
Styrene	ND	1.0	"	1	"	"	11/21/05	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**790**	10	"	10	"	"	11/22/05	"	
1,2,4-Trimethylbenzene	**3100**	50	"	50	"	"	11/22/05	"	
Vinyl chloride	ND	0.50	"	1	"	"	11/21/05	"	
Benzene	**15000**	25	"	50	"	"	11/22/05	"	
Toluene	**59000**	250	"	500	"	"	11/22/05	"	
Ethylbenzene	**5400**	25	"	50	"	"	11/22/05	"	
m,p-Xylene	**18000**	50	"	"	"	"	"	"	
o-Xylene	**8100**	25	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.5 %*	*87.6-115*		"	"	*11/21/05*	"	
Surrogate: 4-Bromofluorobenzene		*110 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Purgeable Petroleum Hydrocarbons by EPA 8015m - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112109 - EPA 5030 GC										
Blank (5112109-BLK1)				Prepared & Analyzed: 11/21/05						
Surrogate: 4-Bromofluorobenzene	*108*		*ug/kg*	*125*		*86.4*	*65-135*			
C6-C12 (GRO)	ND	500	"							
Blank (5112109-BLK2)				Prepared & Analyzed: 11/21/05						
Surrogate: 4-Bromofluorobenzene	*104*		*ug/kg*	*125*		*83.2*	*65-135*			
C6-C12 (GRO)	ND	500	"							
LCS (5112109-BS1)				Prepared & Analyzed: 11/21/05						
Surrogate: 4-Bromofluorobenzene	*113*		*ug/kg*	*125*		*90.4*	*65-135*			
C6-C12 (GRO)	13900	500	"	13800		101	75-125			
LCS (5112109-BS2)				Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: 4-Bromofluorobenzene	*111*		*ug/kg*	*125*		*88.8*	*65-135*			
C6-C12 (GRO)	15600	500	"	13800		113	75-125			
Matrix Spike (5112109-MS1)	**Source: T501361-01**			Prepared & Analyzed: 11/21/05						
Surrogate: 4-Bromofluorobenzene	*130*		*ug/kg*	*125*		*104*	*65-135*			
C6-C12 (GRO)	13800	500	"	13800	ND	100	65-135			
Matrix Spike (5112109-MS2)	**Source: T501361-22**			Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: 4-Bromofluorobenzene	*126*		*ug/kg*	*125*		*101*	*65-135*			
C6-C12 (GRO)	13100	500	"	13800	ND	94.9	65-135			
Matrix Spike Dup (5112109-MSD1)	**Source: T501361-01**			Prepared & Analyzed: 11/21/05						
Surrogate: 4-Bromofluorobenzene	*119*		*ug/kg*	*125*		*95.2*	*65-135*			
C6-C12 (GRO)	13300	500	"	13800	ND	96.4	65-135	3.69	20	
Matrix Spike Dup (5112109-MSD2)	**Source: T501361-22**			Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: 4-Bromofluorobenzene	*130*		*ug/kg*	*125*		*104*	*65-135*			
C6-C12 (GRO)	13700	500	"	13800	ND	99.3	65-135	4.48	20	

Purgeable Petroleum Hydrocarbons by EPA 8015m - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112122 - EPA 5030 GC										
Blank (5112122-BLK1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: 4-Bromofluorobenzene	*35.0*		*ug/l*	*50.0*		*70.0*	*65-135*			
C6-C12 (GRO)	ND	50	"							
LCS (5112122-BS1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: 4-Bromofluorobenzene	*43.3*		*ug/l*	*50.0*		*86.6*	*65-135*			
C6-C12 (GRO)	6360	50	"	5500		116	75-125			
LCS Dup (5112122-BSD1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: 4-Bromofluorobenzene	*46.9*		*ug/l*	*50.0*		*93.8*	*65-135*			
C6-C12 (GRO)	6120	50	"	5500		111	75-125	3.85	20	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112112 - EPA 3550B GC										
Blank (5112112-BLK1)				Prepared & Analyzed: 11/21/05						
C13-C28 (DRO)	ND	10	mg/kg							
C29-C40 (MORO)	ND	10	"							
LCS (5112112-BS1)				Prepared: 11/21/05 Analyzed: 11/22/05						
C13-C28 (DRO)	470	10	mg/kg	500		94.0	75-125			
Matrix Spike (5112112-MS1)	**Source: T501361-05**			Prepared: 11/21/05 Analyzed: 11/22/05						
C13-C28 (DRO)	470	10	mg/kg	500	ND	94.0	75-125			
Matrix Spike Dup (5112112-MSD1)	**Source: T501361-05**			Prepared: 11/21/05 Analyzed: 11/22/05						
C13-C28 (DRO)	480	10	mg/kg	500	ND	96.0	75-125	2.11	20	
Batch 5112116 - EPA 3550B GC										
Blank (5112116-BLK1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Diesel Range Hydrocarbons	ND	10	mg/kg							
LCS (5112116-BS1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Diesel Range Hydrocarbons	500	10	mg/kg	500		100	75-125			
Matrix Spike (5112116-MS1)	**Source: T501361-01**			Prepared: 11/21/05 Analyzed: 11/22/05						
Diesel Range Hydrocarbons	530	10	mg/kg	500	ND	106	75-125			
Matrix Spike Dup (5112116-MSD1)	**Source: T501361-01**			Prepared: 11/21/05 Analyzed: 11/22/05						
Diesel Range Hydrocarbons	510	10	mg/kg	500	ND	102	75-125	3.85	20	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112117 - EPA 3550B GC										
Blank (5112117-BLK1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Diesel Range Hydrocarbons	ND	10	mg/kg							
LCS (5112117-BS1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Diesel Range Hydrocarbons	460	10	mg/kg	500		92.0	75-125			
Matrix Spike (5112117-MS1)		**Source: T501361-28**		Prepared: 11/21/05 Analyzed: 11/22/05						
Diesel Range Hydrocarbons	430	10	mg/kg	500	ND	86.0	75-125			
Matrix Spike Dup (5112117-MSD1)		**Source: T501361-28**		Prepared: 11/21/05 Analyzed: 11/22/05						
Diesel Range Hydrocarbons	480	10	mg/kg	500	ND	96.0	75-125	11.0	20	
Batch 5112119 - EPA 3510C GC										
Blank (5112119-BLK1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Diesel Range Hydrocarbons	ND	0.050	mg/l							
LCS (5112119-BS1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Diesel Range Hydrocarbons	19.1	0.050	mg/l	20.0		95.5	75-125			
LCS Dup (5112119-BSD1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Diesel Range Hydrocarbons	18.0	0.050	mg/l	20.0		90.0	75-125	5.93	20	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112102 - EPA 3051										
Blank (5112102-BLK1)				Prepared: 11/21/05 Analyzed: 11/23/05						
Antimony	ND	3.0	mg/kg							
Silver	ND	2.0	"							
Arsenic	ND	5.0	"							
Barium	ND	1.0	"							
Beryllium	ND	1.0	"							
Cadmium	ND	2.0	"							
Chromium	ND	2.0	"							
Cobalt	ND	2.0	"							
Copper	ND	1.0	"							
Lead	ND	3.0	"							
Molybdenum	ND	1.0	"							
Nickel	ND	2.0	"							
Selenium	ND	5.0	"							
Thallium	ND	2.0	"							
Vanadium	ND	5.0	"							
Zinc	ND	1.0	"							
LCS (5112102-BS1)				Prepared: 11/21/05 Analyzed: 11/23/05						
Arsenic	103	5.0	mg/kg	100		103	70-135			
Barium	104	1.0	"	100		104	70-135			
Cadmium	103	2.0	"	100		103	70-135			
Chromium	102	2.0	"	100		102	70-135			
Lead	105	3.0	"	100		105	70-135			
Matrix Spike (5112102-MS1)	**Source: T501361-10**			Prepared: 11/21/05 Analyzed: 11/23/05						
Arsenic	99.2	5.0	mg/kg	100	ND	99.2	70-135			
Barium	232	1.0	"	100	100	132	70-135			
Cadmium	105	2.0	"	100	ND	105	70-135			
Chromium	120	2.0	"	100	17	103	70-135			
Lead	107	3.0	"	100	6.6	100	70-135			

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John Shepler, Laboratory Director

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112102 - EPA 3051										
Matrix Spike Dup (5112102-MSD1)	**Source: T501361-10**			Prepared: 11/21/05 Analyzed: 11/23/05						
Arsenic	97.4	5.0	mg/kg	100	ND	97.4	70-135	1.83	20	
Barium	199	1.0	"	100	100	99.0	70-135	15.3	20	
Cadmium	102	2.0	"	100	ND	102	70-135	2.90	20	
Chromium	109	2.0	"	100	17	92.0	70-135	9.61	20	
Lead	105	3.0	"	100	6.6	98.4	70-135	1.89	20	
Batch 5112106 - EPA 3051										
Blank (5112106-BLK1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Arsenic	ND	5.0	mg/kg							
Lead	ND	3.0	"							
LCS (5112106-BS1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Arsenic	86.6	5.0	mg/kg	100		86.6	75-125			
Lead	85.0	3.0	"	100		85.0	75-125			
LCS Dup (5112106-BSD1)				Prepared: 11/21/05 Analyzed: 11/23/05						
Arsenic	87.0	5.0	mg/kg	100		87.0	75-125	0.461	20	
Lead	88.4	3.0	"	100		88.4	75-125	3.92	20	
Batch 5112113 - EPA 3051										
Blank (5112113-BLK1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Arsenic	ND	5.0	mg/kg							
Lead	ND	3.0	"							

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112113 - EPA 3051										
LCS (5112113-BS1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Arsenic	95.7	5.0	mg/kg	100		95.7	75-125			
Lead	96.5	3.0	"	100		96.5	75-125			
Matrix Spike (5112113-MS1)	**Source: T501361-34**			Prepared: 11/21/05 Analyzed: 11/22/05						
Arsenic	82.1	5.0	mg/kg	100	1.7	80.4	75-125			
Lead	96.4	3.0	"	100	5.1	91.3	75-125			
Matrix Spike Dup (5112113-MSD1)	**Source: T501361-34**			Prepared: 11/21/05 Analyzed: 11/22/05						
Arsenic	79.0	5.0	mg/kg	100	1.7	77.3	75-125	3.85	20	
Lead	94.2	3.0	"	100	5.1	89.1	75-125	2.31	20	
Batch 5112114 - EPA 3051										
Blank (5112114-BLK1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Arsenic	ND	5.0	mg/kg							
Lead	ND	3.0	"							
Matrix Spike (5112114-MS1)	**Source: T501361-54**			Prepared: 11/21/05 Analyzed: 11/22/05						
Arsenic	77.5	5.0	mg/kg	100	0.82	76.7	75-125			
Lead	119	3.0	"	100	29	90.0	75-125			
Matrix Spike Dup (5112114-MSD1)	**Source: T501361-54**			Prepared: 11/21/05 Analyzed: 11/22/05						
Arsenic	78.5	5.0	mg/kg	100	0.82	77.7	75-125	1.28	20	
Lead	127	3.0	"	100	29	98.0	75-125	6.50	20	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

Cold Vapor Extraction EPA 7470/7471 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112103 - EPA 7471A Soil										
Blank (5112103-BLK1)				Prepared: 11/21/05		Analyzed: 11/23/05				
Mercury	ND	0.10	mg/kg							
LCS (5112103-BS1)				Prepared: 11/21/05		Analyzed: 11/23/05				
Mercury	2.16	0.10	mg/kg	2.00		108	80-120			
Matrix Spike (5112103-MS1)		**Source: T501361-08**		Prepared: 11/21/05		Analyzed: 11/23/05				
Mercury	2.23	0.10	mg/kg	2.00	ND	112	75-125			
Matrix Spike Dup (5112103-MSD1)		**Source: T501361-08**		Prepared: 11/21/05		Analyzed: 11/23/05				
Mercury	2.23	0.10	mg/kg	2.00	ND	112	75-125	0.00	20	

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Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112101 - EPA 3550 ECD/GCMS										
Blank (5112101-BLK1)				Prepared & Analyzed: 11/21/05						
Surrogate: Tetrachloro-meta-xylene	*109*		*ug/kg*	*100*		*109*	*35-140*			
alpha-BHC	ND	5.0	"							
gamma-BHC (Lindane)	ND	5.0	"							
beta-BHC	ND	5.0	"							
delta-BHC	ND	5.0	"							
Heptachlor	ND	5.0	"							
Aldrin	ND	5.0	"							
Heptachlor epoxide	ND	5.0	"							
gamma-Chlordane	ND	10	"							
alpha-Chlordane	ND	10	"							
Endosulfan I	ND	5.0	"							
4,4´-DDE	ND	5.0	"							
Dieldrin	ND	5.0	"							
Endrin	ND	5.0	"							
4,4´-DDD	ND	5.0	"							
Endosulfan II	ND	5.0	"							
4,4´-DDT	ND	5.0	"							
Endrin aldehyde	ND	5.0	"							
Endosulfan sulfate	ND	5.0	"							
Methoxychlor	ND	10	"							
Endrin ketone	ND	5.0	"							
Toxaphene	ND	200	"							
LCS (5112101-BS1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: Tetrachloro-meta-xylene	*127*		*ug/kg*	*100*		*127*	*35-140*			
gamma-BHC (Lindane)	111	5.0	"	125		88.8	40-120			
Heptachlor	73.9	5.0	"	125		59.1	40-120			
Aldrin	131	5.0	"	125		105	40-120			
Dieldrin	296	5.0	"	312		94.9	40-120			
Endrin	303	5.0	"	312		97.1	40-120			
4,4´-DDT	322	5.0	"	312		103	40-120			

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112101 - EPA 3550 ECD/GCMS										
Matrix Spike (5112101-MS1)	**Source: T501361-46**			Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: Tetrachloro-meta-xylene	*86.4*		*ug/kg*	*100*		*86.4*	*35-140*			
gamma-BHC (Lindane)	86.1	5.0	"	125	ND	68.9	30-120			
Heptachlor	81.6	5.0	"	125	ND	65.3	30-120			
Aldrin	110	5.0	"	125	ND	88.0	30-120			
Dieldrin	330	5.0	"	312	ND	106	30-120			
Endrin	359	5.0	"	312	ND	115	30-120			
4,4´-DDT	330	5.0	"	312	ND	106	30-120			
Matrix Spike Dup (5112101-MSD1)	**Source: T501361-46**			Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: Tetrachloro-meta-xylene	*121*		*ug/kg*	*100*		*121*	*35-140*			
gamma-BHC (Lindane)	95.8	5.0	"	125	ND	76.6	30-120	10.7	30	
Heptachlor	71.0	5.0	"	125	ND	56.8	30-120	13.9	30	
Aldrin	103	5.0	"	125	ND	82.4	30-120	6.57	30	
Dieldrin	326	5.0	"	312	ND	104	30-120	1.22	30	
Endrin	315	5.0	"	312	ND	101	30-120	13.1	30	
4,4´-DDT	307	5.0	"	312	ND	98.4	30-120	7.22	30	
Batch 5112104 - EPA 3550 ECD/GCMS										
Blank (5112104-BLK1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: Tetrachloro-meta-xylene	*110*		*ug/kg*	*100*		*110*	*35-140*			
alpha-BHC	ND	5.0	"							
gamma-BHC (Lindane)	ND	5.0	"							
beta-BHC	ND	5.0	"							
delta-BHC	ND	5.0	"							
Heptachlor	ND	5.0	"							
Aldrin	ND	5.0	"							
Heptachlor epoxide	ND	5.0	"							
gamma-Chlordane	ND	10	"							
alpha-Chlordane	ND	10	"							
Endosulfan I	ND	5.0	"							
4,4´-DDE	ND	5.0	"							
Dieldrin	ND	5.0	"							
Endrin	ND	5.0	"							
4,4´-DDD	ND	5.0	"							
Endosulfan II	ND	5.0	"							
4,4´-DDT	ND	5.0	"							
Endrin aldehyde	ND	5.0	"							
Endosulfan sulfate	ND	5.0	"							
Methoxychlor	ND	10	"							
Endrin ketone	ND	5.0	"							

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John Shepler, Laboratory Director

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112104 - EPA 3550 ECD/GCMS										
Blank (5112104-BLK1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Toxaphene	ND	200	ug/kg							
LCS (5112104-BS1)				Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: Tetrachloro-meta-xylene	*106*		*ug/kg*	*100*		*106*	*35-140*			
gamma-BHC (Lindane)	111	5.0	"	125		88.8	40-120			
Heptachlor	93.7	5.0	"	125		75.0	40-120			
Aldrin	87.1	5.0	"	125		69.7	40-120			
Dieldrin	348	5.0	"	312		112	40-120			
Endrin	251	5.0	"	312		80.4	40-120			
4,4´-DDT	148	5.0	"	312		47.4	40-120			
Matrix Spike (5112104-MS1)	**Source: T501361-74**			Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: Tetrachloro-meta-xylene	*76.0*		*ug/kg*	*100*		*76.0*	*35-140*			
gamma-BHC (Lindane)	111	5.0	"	125	ND	88.8	30-120			
Heptachlor	73.3	5.0	"	125	ND	58.6	30-120			
Aldrin	61.2	5.0	"	125	ND	49.0	30-120			
Dieldrin	271	5.0	"	312	ND	86.9	30-120			
Endrin	180	5.0	"	312	ND	57.7	30-120			
4,4´-DDT	163	5.0	"	312	ND	52.2	30-120			
Matrix Spike Dup (5112104-MSD1)	**Source: T501361-74**			Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: Tetrachloro-meta-xylene	*101*		*ug/kg*	*100*		*101*	*35-140*			
gamma-BHC (Lindane)	130	5.0	"	125	ND	104	30-120	15.8	30	
Heptachlor	86.3	5.0	"	125	ND	69.0	30-120	16.3	30	
Aldrin	80.8	5.0	"	125	ND	64.6	30-120	27.6	30	
Dieldrin	336	5.0	"	312	ND	108	30-120	21.4	30	
Endrin	206	5.0	"	312	ND	66.0	30-120	13.5	30	
4,4´-DDT	150	5.0	"	312	ND	48.1	30-120	8.31	30	

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112105 - EPA 3550 ECD/GCMS										
Blank (5112105-BLK1)				Prepared & Analyzed: 11/21/05						
Surrogate: Tetrachloro-meta-xylene	*99.8*		*ug/kg*	*100*		*99.8*	*35-140*			
alpha-BHC	ND	5.0	"							
gamma-BHC (Lindane)	ND	5.0	"							
beta-BHC	ND	5.0	"							
delta-BHC	ND	5.0	"							
Heptachlor	ND	5.0	"							
Aldrin	ND	5.0	"							
Heptachlor epoxide	ND	5.0	"							
gamma-Chlordane	ND	10	"							
alpha-Chlordane	ND	10	"							
Endosulfan I	ND	5.0	"							
4,4´-DDE	ND	5.0	"							
Dieldrin	ND	5.0	"							
Endrin	ND	5.0	"							
4,4´-DDD	ND	5.0	"							
Endosulfan II	ND	5.0	"							
4,4´-DDT	ND	5.0	"							
Endrin aldehyde	ND	5.0	"							
Endosulfan sulfate	ND	5.0	"							
Methoxychlor	ND	10	"							
Endrin ketone	ND	5.0	"							
Toxaphene	ND	200	"							
Matrix Spike (5112105-MS1)		**Source: T501361-54**		Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: Tetrachloro-meta-xylene	*112*		*ug/kg*	*100*		*112*	*35-140*			
gamma-BHC (Lindane)	183	5.0	"	250	ND	73.2	30-120			
Heptachlor	184	5.0	"	250	ND	73.6	30-120			
Aldrin	225	5.0	"	250	ND	90.0	30-120			
Dieldrin	526	5.0	"	625	ND	84.2	30-120			
Endrin	414	5.0	"	625	ND	66.2	30-120			
4,4´-DDT	273	5.0	"	625	29	39.0	30-120			

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112105 - EPA 3550 ECD/GCMS										
Matrix Spike Dup (5112105-MSD1)	**Source: T501361-54**			Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: Tetrachloro-meta-xylene	*92.3*		*ug/kg*	*100*		*92.3*	*35-140*			
gamma-BHC (Lindane)	147	5.0	"	250	ND	58.8	30-120	21.8	30	
Heptachlor	169	5.0	"	250	ND	67.6	30-120	8.50	30	
Aldrin	192	5.0	"	250	ND	76.8	30-120	15.8	30	
Dieldrin	441	5.0	"	625	ND	70.6	30-120	17.6	30	
Endrin	378	5.0	"	625	ND	60.5	30-120	9.09	30	
4,4´-DDT	255	5.0	"	625	29	36.2	30-120	6.82	30	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

Chlorinated Phenoxy Acids by HPLC/MS - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112107 - 8151 Prep										
Blank (5112107-BLK1)				Prepared: 11/21/05 Analyzed: 11/23/05						
Surrogate: 2,4-DCAA	*41.2*		*ug/kg*	*66.7*		*61.8*	*50-200*			
Dalapon	ND	16.7	"							
Picloram	ND	16.7	"							
Chloramben	ND	16.7	"							
Dicamba	ND	16.7	"							
4-Nitrophenol	ND	16.7	"							
Bentazon	ND	16.7	"							
2,4-D	ND	16.7	"							
MCPA	ND	16.7	"							
3,5-Dichlorobenzoic acid	ND	16.7	"							
2,4,5-T	ND	16.7	"							
Dichloroprop	ND	16.7	"							
MCPP	ND	16.7	"							
2,4-DB	ND	16.7	"							
2,4,5-TP (Silvex)	ND	16.7	"							
Acifluorfen	ND	16.7	"							
Pentachlorophenol	ND	16.7	"							
Dinoseb	ND	16.7	"							
LCS (5112107-BS1)				Prepared: 11/21/05 Analyzed: 11/23/05						
Surrogate: 2,4-DCAA	*40.8*		*ug/kg*	*66.7*		*61.2*	*50-200*			
Picloram	39.5	16.7	"	33.3		119	80-120			
2,4,5-TP (Silvex)	31.2	16.7	"	33.3		93.7	80-120			
Dinoseb	29.6	16.7	"	33.3		88.9	80-120			
LCS Dup (5112107-BSD1)				Prepared: 11/21/05 Analyzed: 11/23/05						
Surrogate: 2,4-DCAA	*47.0*		*ug/kg*	*66.7*		*70.5*	*50-200*			
Picloram	35.2	16.7	"	33.3		106	80-120	11.5	20	
2,4,5-TP (Silvex)	29.3	16.7	"	33.3		88.0	80-120	6.28	20	
Dinoseb	28.9	16.7	"	33.3		86.8	80-120	2.39	20	

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Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

Chlorinated Phenoxy Acids by HPLC/MS - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112107 - 8151 Prep										
Matrix Spike (5112107-MS1)	**Source: T501361-38**			Prepared: 11/21/05 Analyzed: 11/23/05						
Surrogate: 2,4-DCAA	*36.4*		*ug/kg*	*66.7*		*54.6*	*50-200*			
Picloram	0.00	16.7	"	33.3	0.00		80-120			QM-05
2,4,5-TP (Silvex)	31.3	16.7	"	33.3	0.00	94.0	80-120			
Dinoseb	29.6	16.7	"	33.3	0.00	88.9	80-120			

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Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

Volatile Organic Compounds by EPA Method 8021B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112109 - EPA 5030 GC										
Blank (5112109-BLK1)				Prepared & Analyzed: 11/21/05						
Surrogate: 4-Bromofluorobenzene	*127*		*ug/kg*	*125*		*102*	*65-135*			
Methyl tert-butyl ether	ND	20	"							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
m,p-Xylene	ND	10	"							
o-Xylene	ND	5.0	"							
Blank (5112109-BLK2)				Prepared & Analyzed: 11/21/05						
Surrogate: 4-Bromofluorobenzene	*116*		*ug/kg*	*125*		*92.8*	*65-135*			
Methyl tert-butyl ether	ND	20	"							
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
m,p-Xylene	ND	10	"							
o-Xylene	ND	5.0	"							
LCS (5112109-BS1)				Prepared & Analyzed: 11/21/05						
Surrogate: 4-Bromofluorobenzene	*122*		*ug/kg*	*125*		*97.6*	*65-135*			
Benzene	177	5.0	"	155		114	70-130			
Toluene	1200	5.0	"	1040		115	70-130			
Ethylbenzene	257	5.0	"	232		111	70-130			
m,p-Xylene	942	10	"	980		96.1	70-130			
o-Xylene	395	5.0	"	370		107	70-130			
LCS (5112109-BS2)				Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: 4-Bromofluorobenzene	*110*		*ug/kg*	*125*		*88.0*	*65-135*			
Benzene	160	5.0	"	155		103	70-130			
Toluene	1150	5.0	"	1040		111	70-130			
Ethylbenzene	242	5.0	"	232		104	70-130			
m,p-Xylene	1070	10	"	980		109	70-130			
o-Xylene	392	5.0	"	370		106	70-130			

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Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

Volatile Organic Compounds by EPA Method 8021B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112109 - EPA 5030 GC										
Matrix Spike (5112109-MS1)	**Source: T501361-01**			Prepared & Analyzed: 11/21/05						
Surrogate: 4-Bromofluorobenzene	*132*		*ug/kg*	*125*		*106*	*65-135*			
Benzene	141	5.0	"	155	ND	91.0	70-130			
Toluene	1110	5.0	"	1040	ND	107	70-130			
Ethylbenzene	202	5.0	"	232	ND	87.1	70-130			
m,p-Xylene	879	10	"	980	ND	89.7	70-130			
o-Xylene	323	5.0	"	370	ND	87.3	70-130			
Matrix Spike (5112109-MS2)	**Source: T501361-22**			Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: 4-Bromofluorobenzene	*127*		*ug/kg*	*125*		*102*	*65-135*			
Benzene	132	5.0	"	155	5.9	81.4	70-130			
Toluene	1000	5.0	"	1040	50	91.3	70-130			
Ethylbenzene	212	5.0	"	232	9.1	87.5	70-130			
m,p-Xylene	917	10	"	980	35	90.0	70-130			
o-Xylene	359	5.0	"	370	14	93.2	70-130			
Matrix Spike Dup (5112109-MSD1)	**Source: T501361-01**			Prepared & Analyzed: 11/21/05						
Surrogate: 4-Bromofluorobenzene	*127*		*ug/kg*	*125*		*102*	*65-135*			
Benzene	143	5.0	"	155	ND	92.3	70-130	1.41	20	
Toluene	1130	5.0	"	1040	ND	109	70-130	1.79	20	
Ethylbenzene	204	5.0	"	232	ND	87.9	70-130	0.985	20	
m,p-Xylene	877	10	"	980	ND	89.5	70-130	0.228	20	
o-Xylene	325	5.0	"	370	ND	87.8	70-130	0.617	20	
Matrix Spike Dup (5112109-MSD2)	**Source: T501361-22**			Prepared: 11/21/05 Analyzed: 11/22/05						
Surrogate: 4-Bromofluorobenzene	*126*		*ug/kg*	*125*		*101*	*65-135*			
Benzene	142	5.0	"	155	5.9	87.8	70-130	7.30	20	
Toluene	1160	5.0	"	1040	50	107	70-130	14.8	20	
Ethylbenzene	216	5.0	"	232	9.1	89.2	70-130	1.87	20	
m,p-Xylene	935	10	"	980	35	91.8	70-130	1.94	20	
o-Xylene	346	5.0	"	370	14	89.7	70-130	3.69	20	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112108 - EPA 5030 GCMS										
Blank (5112108-BLK1)				Prepared & Analyzed: 11/21/05						
Surrogate: Toluene-d8	*41.2*		*ug/l*	*40.0*		*103*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*45.0*		*"*	*40.0*		*112*	*80-112*			
Surrogate: Dibromofluoromethane	*41.4*		*"*	*40.0*		*104*	*78.6-122*			
Bromobenzene	ND	1.0	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							
p-Isopropyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112108 - EPA 5030 GCMS										
Blank (5112108-BLK1)				Prepared & Analyzed: 11/21/05						
Naphthalene	ND	1.0	ug/l							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	0.50	"							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.50	"							
LCS (5112108-BS1)				Prepared & Analyzed: 11/21/05						
Surrogate: Toluene-d8	*41.8*		*ug/l*	*40.0*		*104*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*44.4*		*"*	*40.0*		*111*	*80-112*			
Surrogate: Dibromofluoromethane	*40.7*		*"*	*40.0*		*102*	*78.6-122*			
Chlorobenzene	115	1.0	"	100		115	75-125			
1,1-Dichloroethene	116	1.0	"	100		116	75-125			
Trichloroethene	113	1.0	"	100		113	75-125			
Benzene	119	0.50	"	100		119	75-125			
Toluene	100	0.50	"	100		100	75-125			

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/23/05 13:00

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112108 - EPA 5030 GCMS										
LCS Dup (5112108-BSD1)				Prepared & Analyzed: 11/21/05						
Surrogate: Toluene-d8	*42.1*		*ug/l*	*40.0*		*105*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*44.4*		*"*	*40.0*		*111*	*80-112*			
Surrogate: Dibromofluoromethane	*41.0*		*"*	*40.0*		*102*	*78.6-122*			
Chlorobenzene	116	1.0	"	100		116	75-125	0.866	20	
1,1-Dichloroethene	120	1.0	"	100		120	75-125	3.39	20	
Trichloroethene	115	1.0	"	100		115	75-125	1.75	20	
Benzene	118	0.50	"	100		118	75-125	0.844	20	
Toluene	105	0.50	"	100		105	75-125	4.88	20	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
D-08	Results in the diesel organics range are primarily due to overlap from a gasoline range product.
D-02	Hydrocarbon pattern present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

T501361

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CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.:	1152.02	Project Location:	Dublin, California	Date:	11/18/05	Serial No.:
Project Name:	Jordan Ranch	Field Logbook No.:				
Sampler (Signature)						Samplers: JWO

Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH-gasoline	BTEX, MTBE	TPH-diesel	TPH-diesel, motor oil	VOCs	CAM 17 Metals	Arsenic & Lead	OC Pesticides by EPA 8081	Herbicides by EPA 8151	HOLD	RUSH	REMARKS
NG6-9.5	10/17/05	1647	01	1	Soil	X	X	X								X	RUSH TAT
NG6-14.5	"	1652	02	"	"	X	X	X								"	Please report results by
NG6-19.5	"	1657	03	"	"	X	X	X								"	the morning of Wednesday,
NG6-24.5	"	1702	04	"	"	X	X	X								"	11/23/05
NG7-1.0	10/18/05	1142	05	"	"	X	X		X							"	
NG7-2.0	"	1151	06	"	"										X	"	
NG7-3.0	"	1204	07	"	"	X	X		X							"	
SS-B101-1.0	"	1058	08	"	"	X	X		X		X					"	
SS-B102-1.0	"	1105	09	"	"	X	X		X		X					"	
SS-B103-1.0	"	1112	10	"	"	X	X		X		X					"	
SS-B104-1.0	"	1118	11	"	"	X	X		X		X					"	

Relinquished by: (Signature)	Date	Time	Received By: (Signature)	Received By: (Signature)	Date	Time
	11/18/05	1715			11/18/05	5:15P
Bill Gee						
Relinquished by: (Signature)	Date	Time	Received By: (Signature)	Received By: (Signature) 10:51	Date	Time
Method of Shipment: Courier	Date	Time	Lab Comments:	Lab Comments:		

Sample Collector:	Analytical Laboratory:	Analytical Laboratory:
Northgate Environmental Management, Inc. 300 Frank H Ogawa Plaza, Suite 510 Oakland, California 94612 (510) 839 0688		Sunstar Laboratories

T501861

northgate environmental management, inc.

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.:	1152.02	Project Location:	Dublin, California	Date:	11/18/05	Serial No.:
Project Name:	Jordan Ranch	Field Logbook No.:				
Sampler (Signature)						Samplers: JWO

Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH-gasoline	BTEX, MTBE	TPH-diesel	TPH-diesel, motor oil	VOCs	CAM 17 Metals	Arsenic & Lead	OC Pesticides by EPA 8081	Herbicides by EPA 8151					HOLD	RUSH	REMARKS
NG3-24.5	10/17/05	1120	12	1	SOIL	X	X	X													RUSH TAT
NG4-4.5		1200	13			X	X	X													Please report results by
NG4-9.5		1208	14			X	X	X													the morning of Wednesday,
NG4-14.5		1213	15			X	X	X													11/23/05
NG4-19.5		1218	16			X	X	X													
NG4-24.5		1223	17			X	X	X													
NG5-4.5		1425	18			X	X	X													
NG5-9.5		1430	19			X	X	X													
NG5-14.5		1435	20			X	X	X													
NG5-19.5		1445	21			X	X	X													
NG6-4.5		1642	22			X	X	X													

Relinquished by: (Signature)	Date 11/18/05	Time 1715	Received By: (Signature)	Received By: (Signature)	Date 11/18/05 Time 5:15
Relinquished by: (Signature) USO	Date	Time	Received By: (Signature)	Received By: (Signature)	Date 11/19/05 Time 10:51
Method of Shipment: Courier	Date	Time	Lab Comments:	Lab Comments:	
Sample Collector: Northgate Environmental Management, Inc. 300 Frank H Ogawa Plaza, Suite 510 Oakland, California 94612 (510) 839 0688			Analytical Laboratory:	Analytical Laboratory: Sunstar Laboratories	

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CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.:	1152.02	Project Location:	Dublin, California	Date:	11/18/05	Serial No.:
Project Name:	Jordan Ranch	Field Logbook No.:				
Sampler (Signature)						Samplers: JWO

Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH-gasoline	BTEX, MTBE	TPH-diesel	TPH-diesel, motor oil	VOCs	CAM 17 Metals	Arsenic & Lead	OC Pesticides by EPA 8081	Herbicides by EPA 8151					HOLD	RUSH	REMARKS
NG1-14.5	11/17/05	0955	23	1	Soil	X	X	X													RUSH TAT
NG1-19.5		1000	24			X	X	X													Please report results by
NG2-4.5		1315	25			X	X	X													the morning of Wednesday,
NG2-9.5		1320	26			X	X	X													11/23/05
NG2-14.5		1325	27			X	X	X													
NG2-18.5		1330	28			X	X	X													
NG2-24.5		1340	29			X	X	X													
NG3-4.5		1055	30			X	X	X													
NG3-9.5		1100	31			X	X	X													
NG3-14.5		1105	32			X	X	X													
NG3-19.5		1110	33			X	X	X													

Relinquished by: (Signature)	Date	Time	Received By: (Signature)	Received By: (Signature)	Date	Time
	11/18/05	1715			11/18/05	5:15p
Relinquished by: (Signature) GSO	Date	Time	Received By: (Signature)	Received By: (Signature)	Date	Time
					11/19/05	10:51
Method of Shipment: Courier	Date	Time	Lab Comments:	Lab Comments:		

Sample Collector:	Analytical Laboratory:	Analytical Laboratory:
Northgate Environmental Management, Inc. 300 Frank H Ogawa Plaza, Suite 510 Oakland, California 94612 (510) 839 0688		Sunstar Laboratories

T501361

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CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1152.02	Project Location: Dublin, California	Date: 11/18/05	Serial No.:	
Project Name: Jordan Ranch	Field Logbook No.:			
Sampler (Signature): [signature]			Samplers: JWO, MC	

Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH-gasoline	BTEX, MTBE	TPH-diesel	TPH-diesel, motor oil	VOCs	CAM 17 Metals	Arsenic & Lead	OC Pesticides by EPA 8081	Herbicides by EPA 8151					HOLD	RUSH	REMARKS
NG-SS-01-1.5	11-18-05	1032	34	1	Soil							X	X								**RUSH TAT**
NG-SS-03-1.5	↓	1115	35	↓	↓							X	X								**Please report results by**
NG-SS-05-1.5		1145	36									X	X								**the morning of Wednesday,**
NG-SS-08-1.5		1229	37									X	X								**11/23/05**
SS-NG-09-0.5		1221	38									X	X	X							
SS NG-10-0.5		1226	39									X	X	X							
SS NG-11-0.5		1230	40									X	X	X							
SS NG-12-0.5		1234	41									X	X	X							

Relinquished by: (Signature) [signature]	Date 11/18/05	Time 1715	Received By: (Signature) [signature]	Received By: (Signature)	Date 11/18/05	Time 5:15p
Relinquished by: (Signature) GSO	Date	Time	Received By: (Signature) [signature]	Received By: (Signature) [signature]	Date 11/19/05	Time 10:51
Method of Shipment: Courier	Date	Time	Lab Comments:	Lab Comments:		
Sample Collector: Northgate Environmental Management, Inc. 300 Frank H Ogawa Plaza, Suite 510 Oakland, California 94612 (510) 839 0688			Analytical Laboratory:	Analytical Laboratory: Sunstar Laboratories		

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CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.:	1152.02	Project Location:	Dublin, California	Date:	11/18/05	Serial No.:
Project Name:	Jordan Ranch	Field Logbook No.:				
Sampler (Signature)						Samplers: JWO, ML

Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH-gasoline	BTEX, MTBE	TPH-diesel	TPH-diesel, motor oil	VOCs	CAM 17 Metals	Arsenic & Lead	OC Pesticides by EPA 8081	Herbicides by EPA 8151					HOLD	RUSH	REMARKS
~~NG-SS01-0.5~~	11-18-05			1	SOIL																RUSH TAT
NG-SS02-0.5		1055	42									X	X								Please report results by
NG-SS03-0.5		1108	43																		the morning of Wednesday,
NG-SS04-0.5		1127	44																		11/23/05
NG-SS05-0.5		1141	45																		
NG-SS01-0.5		1030	46											X							
NG-SS06-0.5		1156	47																		
NG-SS07-0.5		1212	48																		
NG-SS08-0.5		1226	49																		

Relinquished by: (Signature)	Date	Time	Received By: (Signature)	Received By: (Signature)	Date	Time
	11/18/05	1715			11/18/05	5:15p
Relinquished by: (Signature) GSO	Date	Time	Received By: (Signature)	Received By: (Signature)	Date	Time
					11/19/05	10:51
Method of Shipment: Courier	Date	Time	Lab Comments:	Lab Comments:		

Sample Collector:	Analytical Laboratory:	Analytical Laboratory:
Northgate Environmental Management, Inc. 300 Frank H Ogawa Plaza, Suite 510 Oakland, California 94612 (510) 839 0688		Sunstar Laboratories

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CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.:	1152.02	Project Location:	Dublin, California	Date:	11/18/05	Serial No.:
Project Name:	Jordan Ranch	Field Logbook No.:				
Sampler (Signature)	Mario A Rinaldi					Samplers: JWO, ML

Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH-gasoline	BTEX, MTBE	TPH-diesel	TPH-diesel, motor oil	VOCs	CAM 17 Metals	Arsenic & Lead	OC Pesticides by EPA 8081	Herbicides by EPA 8151					HOLD	RUSH	REMARKS
NG-SS13-0.5	11-18-05	1300	50	1	Soil							X	X	X							RUSH TAT
NG-SS14-0.5		1315	51																		Please report results by
NG-SS15-0.5		1341	52																		the morning of Wednesday,
NG-SS16-0.5		1354	53																		11/23/05
SS-NG17-0.5		1301	54									X	X								
SS-NG18-0.5		1306	55																		
SS-NG19-0.5		1320	56																		
SS-NG-20-0.5		1329	57																		

Relinquished by: (Signature)	Date	Time	Received By: (Signature)	Received By: (Signature)	Date	Time
Jack W Ogawa	11/18/05	1715	Josh Ryan		11/18/05	5:15p
Relinquished by: (Signature) GSO	Date	Time	Received By: (Signature)	Received By: (Signature)	Date 11/19/05	Time 10:51

Method of Shipment:	Date	Time	Lab Comments:	Lab Comments:
Courier				

Sample Collector:	Analytical Laboratory:	Analytical Laboratory:
Northgate Environmental Management, Inc. 300 Frank H Ogawa Plaza, Suite 510 Oakland, California 94612 (510) 839 0688		Sunstar Laboratories

T501361

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CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.:	1152.02	Project Location:	Dublin, California	Date:	11/18/05	Serial No.:
Project Name:	Jordan Ranch	Field Logbook No.:				
Sampler (Signature)	Maria A Lutskiy					Samplers: JWO, ML

Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH-gasoline	BTEX, MTBE	TPH-diesel	TPH-diesel, motor oil	VOCs	CAM 17 Metals	Arsenic & Lead	OC Pesticides by EPA 8081	Herbicides by EPA 8151					HOLD	RUSH	REMARKS
NG-SS14-1.5	11/18/05	1322	58	1	SOIL							X	X	X							RUSH TAT
NG-SS-16-1.5		1357	59									X	X	X							Please report results by
SS-NG-18-1.5		1312	60									X	X	X							the morning of Wednesday,
SS-NG-20 1.5		1337	61									X	X	X							11/23/05
SS-NG-21-0.5		1423	62									X	X								
SS-NG-22-0.5		1418	63									X	X								
SS NG 23-0.5		1428	64									X	X								
SS NG 24-0.5		1435	65									X	X								

Relinquished by: (Signature)	Date	Time	Received By: (Signature)	Received By: (Signature)	Date	Time
JWG	11/18/05	1715			11/18/05	5:15
Relinquished by: (Signature) OSO	Date	Time	Received By: (Signature)	Received By: (Signature)	Date 11/19/05	Time 10:51
Method of Shipment: Courier	Date	Time	Lab Comments:	Lab Comments:		

Sample Collector:	Analytical Laboratory:	Analytical Laboratory:
Northgate Environmental Management, Inc. 300 Frank H Ogawa Plaza, Suite 510 Oakland, California 94612 (510) 839 0688		Sunstar Laboratories

T501361

northgate environmental management, inc.

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.:	1152.02	Project Location:	Dublin, California	Date:	11/18/05	Serial No.:
Project Name:	Jordan Ranch	Field Logbook No.:				
Sampler (Signature)	Maria Gutierrez					Samplers: JWO ML

Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH-gasoline	BTEX, MTBE	TPH-diesel	TPH-diesel, motor oil	VOCs	CAM 17 Metals	Arsenic & Lead	OC Pesticides by EPA 8081	Herbicides by EPA 8151				HOLD	RUSH	REMARKS
SS-NG-25-0.5	11-18-05	1443	66	1	SOIL							X	X							RUSH TAT
SS-NG-26-0.5	"	1446	67	"	"							X	X							Please report results by
SS-NG-27-0.5	"	1450	68	"	"							X	X							the morning of Wednesday,
SS-NG-28-0.5	"	1454	69	"	"							X	X							11/23/05
SS-NG-29-0.5	"	1506	70	"	"							X	X							
SS-NG-30-0.5	"	1510	71	"	"							X	X							
SS-NG-31-0.5	"	1514	72	"	"							X	X							
SS-NG-32-0.5	"	1520	73	"	"							X	X							

Relinquished by: (Signature)	Date	Time	Received By: (Signature)	Received By: (Signature)	Date	Time
Jordan W Ogawa	11/18/05	1715			11/18/05	5:15p
Relinquished by: (Signature) USO	Date	Time	Received By: (Signature)	Received By: (Signature)	Date	Time
					11/19/05	10:51
Method of Shipment: Courier	Date	Time	Lab Comments:	Lab Comments:		

Sample Collector:	Analytical Laboratory:	Analytical Laboratory:
Northgate Environmental Management, Inc. 300 Frank H Ogawa Plaza, Suite 510 Oakland, California 94612 (510) 839 0688		Sunstar Laboratories

TS01361

northgate environmental management, inc.

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1152.02	Project Location: Dublin, California	Date: 11/18/05	Serial No.:
Project Name: Jordan Ranch	Field Logbook No.:		
Sampler (Signature) Mate [signature]			Samplers: JWO ML

Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH-gasoline	BTEX, MTBE	TPH-diesel	TPH-diesel, motor oil	VOCs	CAM 17 Metals	Arsenic & Lead	OC Pesticides by EPA 8081	Herbicides by EPA 8151					HOLD	RUSH	REMARKS
SSNG-33-0.5	11-18-05	1527	74	1	Soil							X	X	X							**RUSH TAT**
SS NG 34 0.5		1539	75									X	X	X							**Please report results by**
SS NG 35 0.5		1549	76									X	X	X							**the morning of Wednesday,**
SS NG 36 0.5		1552	77									X	X	X							**11/23/05**
SS NG 28-1.5		1501	78									X	X	X							
SS NG 24-1.5		1433	79									X	X	X							
SS NG 31-1.5		1516	80									X	X	X							
SS NG 33-1.5		1530	81									X	X	X							

Relinquished by: (Signature) [signature]	Date 11/18/05	Time 1715	Received By: (Signature)	Received By: (Signature) [signature]	Date 11/18/05	Time 5:15P
Relinquished by: (Signature) GSO	Date	Time	Received By: (Signature) [signature]	Received By: (Signature) [signature]	Date 11/19/05	Time 10:51
Method of Shipment: Courier	Date	Time	Lab Comments:	Lab Comments:		
Sample Collector: Northgate Environmental Management, Inc. 300 Frank H Ogawa Plaza, Suite 510 Oakland, California 94612 (510) 839 0688			Analytical Laboratory:	Analytical Laboratory: Sunstar Laboratories		

TS01361

northgate environmental management, inc.

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.:	1152.02	Project Location:	Dublin, California	Date:	11/18/05	Serial No.:
Project Name:	Jordan Ranch	Field Logbook No.:				
Sampler (Signature)						Samplers: JWO

Samples						ANALYSES														
Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH-gasoline	BTEX, MTBE	TPH-diesel	TPH-diesel, motor oil	VOCs	CAM 17 Metals	Arsenic & Lead	OC Pesticides by EPA 8081	Herbicides by EPA 8151					HOLD	RUSH	REMARKS
TP1-0.5	11/18/05	1637	82	1	Soil	X			X		X										RUSH TAT
TP1-SED	"	1643	83	1	"	X			X		X										Please report results by
TP2-SED	"	1655	84	1	"	X			X		X										the morning of Wednesday, 11/23/05

Relinquished by: (Signature)	Date	Time	Received By: (Signature)	Received By: (Signature)	Date	Time
	11/18/05	1715			11/18/05	5:15p
GSO					11/19/05	10:51

Method of Shipment:	Date	Time	Lab Comments:	Lab Comments:
Courier				

Sample Collector:	Analytical Laboratory:	Analytical Laboratory:
Northgate Environmental Management, Inc. 300 Frank H Ogawa Plaza, Suite 510 Oakland, California 94612 (510) 839 0688		Sunstar Laboratories

T501361

northgate environmental management, inc.

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

Project No.: 1152.02	Project Location: Dublin, California
Date: 11/18/05	Serial No.:
Project Name: Jordan Ranch	Field Logbook No.:
Sampler (Signature)	Samplers: JWO

Sample No.	Date	Time	Lab Sample No.	No. of Containers	Sample Type	TPH-gasoline	BTEX, MTBE	TPH-diesel	TPH-diesel, motor oil	VOCs	CAM 17 Metals	Arsenic & Lead	OC Pesticides by EPA 8081	Herbicides by EPA 8151					HOLD	RUSH	REMARKS
NG1	11/17/05		85	6	WATER	X		X		X										X	RUSH TAT
NG2	|		86	|	|	X		X		X										|	Please report results by
NG3	|		87	|	|	X		X		X										|	the morning of Wednesday,
NG4	|		88	|	|	X		X		X										|	11/23/05
NG5			89			X		X		X										|	
~~NG6~~		JWO																			

Relinquished by: (Signature)	Date 11/18/05	Time 1715	Received By: (Signature)	Received By: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received By: (Signature)	Received By: (Signature)	Date 11/19/05	Time 10:51
Method of Shipment: Courier	Date	Time	Lab Comments:	Lab Comments:		
Sample Collector: Northgate Environmental Management, Inc. 300 Frank H Ogawa Plaza, Suite 510 Oakland, California 94612 (510) 839 0688			Analytical Laboratory:	Analytical Laboratory: Sunstar Laboratories		

28 November 2005

Dennis Laduzinsky
Northgate Env. Mgmt.
300 Frank Ogawa Plaza #510
Oakland, CA 94612

RE: Jordan Ranch

Enclosed are the results of analyses for samples received by the laboratory on 11/19/05 10:51. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John Shepler
Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/28/05 12:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NG1	T501361-85	Water	11/17/05 00:00	11/19/05 10:51
NG2	T501361-86	Water	11/17/05 00:00	11/19/05 10:51
NG3	T501361-87	Water	11/17/05 00:00	11/19/05 10:51
NG4	T501361-88	Water	11/17/05 00:00	11/19/05 10:51
NG5	T501361-89	Water	11/17/05 00:00	11/19/05 10:51

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/28/05 12:55

NG1
T501361-85 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**190**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**110**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**390**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**120**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**900**	10	"	10	"	"	11/22/05	"	
n-Propylbenzene	**570**	10	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/28/05 12:55

NG1
T501361-85 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Styrene	ND	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	11/22/05	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	11/21/05	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**1000**	10	"	10	"	"	11/22/05	"	
1,2,4-Trimethylbenzene	**3700**	100	"	100	"	"	11/22/05	"	
Vinyl chloride	ND	0.50	"	1	"	"	11/21/05	"	
Benzene	**10000**	50	"	100	"	"	11/22/05	"	
Toluene	**32000**	50	"	"	"	"	"	"	
Ethylbenzene	**4800**	50	"	"	"	"	"	"	
m,p-Xylene	**17000**	100	"	"	"	"	"	"	
o-Xylene	**7100**	50	"	"	"	"	"	"	
Methyl tert-butyl ether	**17000**	100	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.5 %*	*87.6-115*		"	"	*11/21/05*	"	
Surrogate: 4-Bromofluorobenzene		*111 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*98.5 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/28/05 12:55

NG2
T501361-86 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**15**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**82**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**240**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**54**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**1100**	10	"	10	"	"	"	"	
n-Propylbenzene	**590**	1.0	"	1	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/28/05 12:55

NG2
T501361-86 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**900**	10	"	10	"	"	"	"	
1,2,4-Trimethylbenzene	**3200**	100	"	100	"	"	11/22/05	"	
Vinyl chloride	ND	0.50	"	1	"	"	11/21/05	"	
Benzene	**16000**	50	"	100	"	"	11/22/05	"	
Toluene	**7100**	50	"	"	"	"	"	"	
Ethylbenzene	**3300**	50	"	"	"	"	"	"	
m,p-Xylene	**12000**	100	"	"	"	"	"	"	
o-Xylene	**5100**	50	"	"	"	"	"	"	
Methyl tert-butyl ether	**14000**	100	"	"	"	"	"	"	
Surrogate: Toluene-d8		*97.8 %*	*87.6-115*		"	"	*11/21/05*	"	
Surrogate: 4-Bromofluorobenzene		*88.0 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99.8 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/28/05 12:55

NG3
T501361-87 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**140**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**16**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**250**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**320**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**92**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**940**	10	"	10	"	"	"	"	
n-Propylbenzene	**490**	10	"	"	"	"	"	"	
Styrene	ND	1.0	"	1	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/28/05 12:55

NG3
T501361-87 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**880**	10	"	10	"	"	"	"	
1,2,4-Trimethylbenzene	**3400**	50	"	50	"	"	11/22/05	"	
Vinyl chloride	ND	0.50	"	1	"	"	11/21/05	"	
Benzene	**6300**	25	"	50	"	"	11/22/05	"	
Toluene	**11000**	25	"	"	"	"	"	"	
Ethylbenzene	**3600**	25	"	"	"	"	"	"	
m,p-Xylene	**15000**	50	"	"	"	"	"	"	
o-Xylene	**6100**	25	"	"	"	"	"	"	
Methyl tert-butyl ether	**460**	1.0	"	1	"	"	11/21/05	"	
Surrogate: Toluene-d8		*91.5 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.8 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*95.8 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/28/05 12:55

NG4
T501361-88 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**60**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	**8.6**	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**360**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**230**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**42**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**1200**	50	"	50	"	"	"	"	
n-Propylbenzene	**460**	1.0	"	1	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/28/05 12:55

NG4
T501361-88 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**510**	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**2600**	50	"	50	"	"	11/22/05	"	
Vinyl chloride	ND	0.50	"	1	"	"	11/21/05	"	
Benzene	**15000**	25	"	50	"	"	11/22/05	"	
Toluene	**2800**	25	"	"	"	"	"	"	
Ethylbenzene	**500**	0.50	"	1	"	"	11/21/05	"	
m,p-Xylene	**3800**	50	"	50	"	"	11/22/05	"	
o-Xylene	**550**	0.50	"	1	"	"	11/21/05	"	
Methyl tert-butyl ether	**1800**	50	"	50	"	"	11/22/05	"	
Surrogate: Toluene-d8		*94.0 %*	*87.6-115*		"	"	*11/21/05*	"	
Surrogate: 4-Bromofluorobenzene		*109 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*98.5 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/28/05 12:55

NG5
T501361-89 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	**67**	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	**21**	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	**190**	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	**43**	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	**1100**	10	"	10	"	"	11/22/05	"	
n-Propylbenzene	**410**	10	"	"	"	"	"	"	
Styrene	ND	1.0	"	1	"	"	11/21/05	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/28/05 12:55

NG5
T501361-89 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	1	5112108	11/21/05	11/21/05	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**790**	10	"	10	"	"	11/22/05	"	
1,2,4-Trimethylbenzene	**3100**	50	"	50	"	"	11/22/05	"	
Vinyl chloride	ND	0.50	"	1	"	"	11/21/05	"	
Benzene	**15000**	25	"	50	"	"	11/22/05	"	
Toluene	**59000**	250	"	500	"	"	11/22/05	"	
Ethylbenzene	**5400**	25	"	50	"	"	11/22/05	"	
m,p-Xylene	**18000**	50	"	"	"	"	"	"	
o-Xylene	**8100**	25	"	"	"	"	"	"	
Methyl tert-butyl ether	**1200**	50	"	"	"	"	"	"	
Surrogate: Toluene-d8		*99.5 %*	*87.6-115*		"	"	*11/21/05*	"	
Surrogate: 4-Bromofluorobenzene		*110 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/28/05 12:55

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112108 - EPA 5030 GCMS										
Blank (5112108-BLK1)				Prepared & Analyzed: 11/21/05						
Surrogate: Toluene-d8	*41.2*		*ug/l*	*40.0*		*103*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*45.0*		*"*	*40.0*		*112*	*80-112*			
Surrogate: Dibromofluoromethane	*41.4*		*"*	*40.0*		*104*	*78.6-122*			
Bromobenzene	ND	1.0	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							
p-Isopropyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112108 - EPA 5030 GCMS										
Blank (5112108-BLK1)				Prepared & Analyzed: 11/21/05						
Naphthalene	ND	1.0	ug/l							
n-Propylbenzene	ND	1.0	"							
Styrene	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
Trichloroethene	ND	1.0	"							
Trichlorofluoromethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
Vinyl chloride	ND	0.50	"							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.50	"							
Methyl tert-butyl ether	ND	1.0	"							
LCS (5112108-BS1)				Prepared & Analyzed: 11/21/05						
Surrogate: Toluene-d8	*41.8*		*ug/l*	*40.0*		*104*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*44.4*		*"*	*40.0*		*111*	*80-112*			
Surrogate: Dibromofluoromethane	*40.7*		*"*	*40.0*		*102*	*78.6-122*			
Chlorobenzene	115	1.0	"	100		115	75-125			
1,1-Dichloroethene	116	1.0	"	100		116	75-125			
Trichloroethene	113	1.0	"	100		113	75-125			
Benzene	119	0.50	"	100		119	75-125			
Toluene	100	0.50	"	100		100	75-125			

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	11/28/05 12:55

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5112108 - EPA 5030 GCMS										
LCS Dup (5112108-BSD1)				Prepared & Analyzed: 11/21/05						
Surrogate: Toluene-d8	*42.1*		*ug/l*	*40.0*		*105*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*44.4*		*"*	*40.0*		*111*	*80-112*			
Surrogate: Dibromofluoromethane	*41.0*		*"*	*40.0*		*102*	*78.6-122*			
Chlorobenzene	116	1.0	"	100		116	75-125	0.866	20	
1,1-Dichloroethene	120	1.0	"	100		120	75-125	3.39	20	
Trichloroethene	115	1.0	"	100		115	75-125	1.75	20	
Benzene	118	0.50	"	100		118	75-125	0.844	20	
Toluene	105	0.50	"	100		105	75-125	4.88	20	

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

07 December 2005

Dennis Laduzinsky
Northgate Env. Mgmt.
300 Frank Ogawa Plaza #510
Oakland, CA 94612

RE: Jordan Ranch

Enclosed are the results of analyses for samples received by the laboratory on 12/03/05 09:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

John Shepler
Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NG-8	T501430-01	Water	12/02/05 11:49	12/03/05 09:40
NG-9	T501430-02	Water	12/02/05 13:00	12/03/05 09:40
Composite TP1-2,3	T501430-11	Soil	12/02/05 00:00	12/03/05 09:40
Composite TP1-4,5	T501430-12	Soil	12/02/05 00:00	12/03/05 09:40
Composite TP2-1,2	T501430-13	Soil	12/02/05 00:00	12/03/05 09:40
Composite TP2-3,4	T501430-14	Soil	12/02/05 00:00	12/03/05 09:40

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

NG-8
T501430-01 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	5120518	12/05/05	12/05/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*93.4 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5120516	12/05/05	12/06/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	5120522	12/05/05	12/05/05	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

NG-8
T501430-01 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Hexachlorobutadiene	ND	1.0	ug/l	1	5120522	12/05/05	12/05/05	EPA 8260B	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*89.8 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99.8 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

NG-9
T501430-02 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015m									
C6-C12 (GRO)	ND	50	ug/l	1	5120518	12/05/05	12/05/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		*94.2 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015									
Diesel Range Hydrocarbons	ND	0.050	mg/l	1	5120516	12/05/05	12/06/05	EPA 8015m	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	1.0	ug/l	1	5120522	12/05/05	12/05/05	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

NG-9
T501430-02 (Water)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Isopropylbenzene	ND	1.0	ug/l	1	5120522	12/05/05	12/05/05	EPA 8260B	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*91.8 %*	*87.6-115*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*80-112*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99.8 %*	*78.6-122*		"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP1-2,3
T501430-11 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
C6-C12 (GRO)	ND	10	mg/kg	1	5120515	12/05/05	12/06/05	EPA 8015m	
C13-C28 (DRO)	**40**	10	"	"	"	"	"	"	D-02
C29-C40 (MORO)	**120**	10	"	"	"	"	"	"	D-02
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	5120520	12/05/05	12/05/05	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	**230**	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	**17**	2.0	"	"	"	"	"	"	
Cobalt	**8.7**	2.0	"	"	"	"	"	"	
Copper	**29**	1.0	"	"	"	"	"	"	
Lead	**31**	3.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**33**	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	**16**	5.0	"	"	"	"	"	"	
Zinc	**140**	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	5120521	12/05/05	12/07/05	EPA 7471A Soil	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP1-2,3
T501430-11 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5120512	12/05/05	12/05/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*118 %*	*35-140*		"	"	"	"	
Chlorinated Herbicides by EPA Method 8151A									
2,4,5-T	ND	2.40	ug/kg	1	5120603	12/05/05	12/07/05	8151	
2,4,5-TP (Silvex)	ND	2.40	"	"	"	"	"	"	
2,4-D	ND	2.40	"	"	"	"	"	"	
2,4-DB	ND	6.10	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	3.00	"	"	"	"	"	"	
4-Nitrophenol	ND	3.00	"	"	"	"	"	"	
Acifluorfen	ND	2.40	"	"	"	"	"	"	
Bentazon	**5.33**	2.40	"	"	"	"	"	"	
Chloramben	ND	2.40	"	"	"	"	"	"	
Dalapon	ND	30.0	"	"	"	"	"	"	
DCPA diacid	ND	2.40	"	"	"	"	"	"	
Dicamba	ND	2.40	"	"	"	"	"	"	
Dichloroprop	ND	2.40	"	"	"	"	"	"	
Dinoseb	ND	2.40	"	"	"	"	"	"	
Pentachlorophenol	ND	2.40	"	"	"	"	"	"	
Picloram	ND	2.40	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*80.5 %*	*35-150*		"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP1-2,3
T501430-11 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	2.0	ug/kg	1	5120519	12/05/05	12/05/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	**4.1**	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	**6.8**	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP1-2,3
T501430-11 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg	1	5120519	12/05/05	12/05/05	EPA 8260B	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**17**	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**44**	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	**8.1**	2.0	"	"	"	"	"	"	
m,p-Xylene	**40**	4.0	"	"	"	"	"	"	
o-Xylene	**27**	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.7 %*	*85.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.2 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*121 %*	*79-126*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Carbazole	ND	300	ug/kg	1	5120514	12/05/05	12/06/05	EPA 8270C	
Aniline	ND	300	"	"	"	"	"	"	
Phenol	ND	300	"	"	"	"	"	"	
2-Chlorophenol	ND	300	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	300	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	300	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	300	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	300	"	"	"	"	"	"	
1-Methylnaphthalene	ND	300	"	"	"	"	"	"	
2-Methylnaphthalene	ND	300	"	"	"	"	"	"	
Acenaphthene	ND	300	"	"	"	"	"	"	
4-Nitrophenol	ND	500	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	300	"	"	"	"	"	"	
Pentachlorophenol	ND	500	"	"	"	"	"	"	
Pyrene	ND	300	"	"	"	"	"	"	
Acenaphthylene	ND	300	"	"	"	"	"	"	
Anthracene	ND	300	"	"	"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP1-2,3
T501430-11 (Soil)

SunStar Laboratories, Inc.

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzo (a) anthracene	ND	300	ug/kg	1	5120514	12/05/05	12/06/05	EPA 8270C	
Benzo (b) fluoranthene	ND	300	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	300	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1000	"	"	"	"	"	"	
Benzo (a) pyrene	ND	300	"	"	"	"	"	"	
Benzyl alcohol	ND	300	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	300	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	300	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	300	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	300	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	300	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	300	"	"	"	"	"	"	
4-Chloroaniline	ND	300	"	"	"	"	"	"	
2-Chloronaphthalene	ND	300	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	300	"	"	"	"	"	"	
Chrysene	ND	300	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	300	"	"	"	"	"	"	
Dibenzofuran	ND	300	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	300	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	300	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	300	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	300	"	"	"	"	"	"	
Diethyl phthalate	ND	300	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	300	"	"	"	"	"	"	
Dimethyl phthalate	ND	300	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	300	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	300	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1000	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	300	"	"	"	"	"	"	
Fluoranthene	ND	300	"	"	"	"	"	"	
Fluorene	ND	300	"	"	"	"	"	"	
Hexachlorobenzene	ND	1500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	300	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1000	"	"	"	"	"	"	
Hexachloroethane	ND	300	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	300	"	"	"	"	"	"	
Isophorone	ND	300	"	"	"	"	"	"	
2-Methylphenol	ND	300	"	"	"	"	"	"	
4-Methylphenol	ND	1000	"	"	"	"	"	"	
Naphthalene	ND	300	"	"	"	"	"	"	

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Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP1-2,3
T501430-11 (Soil)

SunStar Laboratories, Inc.

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2-Nitroaniline	ND	300	ug/kg	1	5120514	12/05/05	12/06/05	EPA 8270C	
3-Nitroaniline	ND	300	"	"	"	"	"	"	
4-Nitroaniline	ND	300	"	"	"	"	"	"	
Nitrobenzene	ND	1000	"	"	"	"	"	"	
2-Nitrophenol	ND	500	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	300	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	300	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	300	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	300	"	"	"	"	"	"	
Phenanthrene	ND	300	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1000	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	300	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*32.3 %*	*14.3-83.1*		"	"	"	"	
Surrogate: Phenol-d6		*50.8 %*	*11.9-77.1*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*58.0 %*	*21.3-119*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*42.0 %*	*32.4-102*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*61.1 %*	*16.8-79.2*		"	"	"	"	
Surrogate: Terphenyl-dl4		*42.0 %*	*29.1-130*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
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Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP1-4,5
T501430-12 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
C6-C12 (GRO)	ND	10	mg/kg	1	5120515	12/05/05	12/06/05	EPA 8015m	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	5120520	12/05/05	12/05/05	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	**260**	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	"	"	
Cadmium	ND	2.0	"	"	"	"	"	"	
Chromium	**30**	2.0	"	"	"	"	"	"	
Cobalt	**9.6**	2.0	"	"	"	"	"	"	
Copper	**19**	1.0	"	"	"	"	"	"	
Lead	**19**	3.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**34**	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	**15**	5.0	"	"	"	"	"	"	
Zinc	**120**	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	5120521	12/05/05	12/07/05	EPA 7471A Soil	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP1-4,5
T501430-12 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5120512	12/05/05	12/05/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*109 %*	*35-140*		"	"	"	"	
Chlorinated Herbicides by EPA Method 8151A									
2,4,5-T	ND	2.40	ug/kg	1	5120603	12/05/05	12/07/05	8151	
2,4,5-TP (Silvex)	ND	2.40	"	"	"	"	"	"	
2,4-D	ND	2.40	"	"	"	"	"	"	
2,4-DB	ND	6.10	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	3.00	"	"	"	"	"	"	
4-Nitrophenol	ND	3.00	"	"	"	"	"	"	
Acifluorfen	ND	2.40	"	"	"	"	"	"	
Bentazon	**5.46**	2.40	"	"	"	"	"	"	
Chloramben	ND	2.40	"	"	"	"	"	"	
Dalapon	ND	30.0	"	"	"	"	"	"	
DCPA diacid	ND	2.40	"	"	"	"	"	"	
Dicamba	ND	2.40	"	"	"	"	"	"	
Dichloroprop	ND	2.40	"	"	"	"	"	"	
Dinoseb	ND	2.40	"	"	"	"	"	"	
Pentachlorophenol	ND	2.40	"	"	"	"	"	"	
Picloram	ND	2.40	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*52.5 %*	*35-150*		"	"	"	"	

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Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP1-4,5
T501430-12 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	2.0	ug/kg	1	5120519	12/05/05	12/05/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	

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Northgate Env. Mgmt.	Project: Jordan Ranch	
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Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP1-4,5
T501430-12 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
Styrene	ND	2.0	ug/kg	1	5120519	12/05/05	12/05/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.7 %*	*85.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.8 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*115 %*	*79-126*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Carbazole	ND	300	ug/kg	1	5120514	12/05/05	12/06/05	EPA 8270C	
Phenol	ND	300	"	"	"	"	"	"	
Aniline	ND	300	"	"	"	"	"	"	
2-Chlorophenol	ND	300	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	300	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	300	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	300	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	300	"	"	"	"	"	"	
2-Methylnaphthalene	ND	300	"	"	"	"	"	"	
1-Methylnaphthalene	ND	300	"	"	"	"	"	"	
Acenaphthene	ND	300	"	"	"	"	"	"	
4-Nitrophenol	ND	500	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	300	"	"	"	"	"	"	
Pentachlorophenol	ND	500	"	"	"	"	"	"	
Pyrene	ND	300	"	"	"	"	"	"	
Acenaphthylene	ND	300	"	"	"	"	"	"	

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Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP1-4,5
T501430-12 (Soil)

SunStar Laboratories, Inc.

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Anthracene	ND	300	ug/kg	1	5120514	12/05/05	12/06/05	EPA 8270C	
Benzo (a) anthracene	ND	300	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	300	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	300	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1000	"	"	"	"	"	"	
Benzo (a) pyrene	ND	300	"	"	"	"	"	"	
Benzyl alcohol	ND	300	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	300	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	300	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	300	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	300	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	300	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	300	"	"	"	"	"	"	
4-Chloroaniline	ND	300	"	"	"	"	"	"	
2-Chloronaphthalene	ND	300	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	300	"	"	"	"	"	"	
Chrysene	ND	300	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	300	"	"	"	"	"	"	
Dibenzofuran	ND	300	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	300	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	300	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	300	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	300	"	"	"	"	"	"	
Diethyl phthalate	ND	300	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	300	"	"	"	"	"	"	
Dimethyl phthalate	ND	300	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	300	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	300	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1000	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	300	"	"	"	"	"	"	
Fluoranthene	ND	300	"	"	"	"	"	"	
Fluorene	ND	300	"	"	"	"	"	"	
Hexachlorobenzene	ND	1500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	300	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1000	"	"	"	"	"	"	
Hexachloroethane	ND	300	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	300	"	"	"	"	"	"	
Isophorone	ND	300	"	"	"	"	"	"	
2-Methylphenol	ND	300	"	"	"	"	"	"	
4-Methylphenol	ND	1000	"	"	"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP1-4,5
T501430-12 (Soil)

SunStar Laboratories, Inc.

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	300	ug/kg	1	5120514	12/05/05	12/06/05	EPA 8270C	
2-Nitroaniline	ND	300	"	"	"	"	"	"	
3-Nitroaniline	ND	300	"	"	"	"	"	"	
4-Nitroaniline	ND	300	"	"	"	"	"	"	
Nitrobenzene	ND	1000	"	"	"	"	"	"	
2-Nitrophenol	ND	500	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	300	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	300	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	300	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	300	"	"	"	"	"	"	
Phenanthrene	ND	300	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1000	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	300	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*54.5 %*	*14.3-83.1*		"	"	"	"	
Surrogate: Phenol-d6		*55.8 %*	*11.9-77.1*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*46.3 %*	*21.3-119*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*47.5 %*	*32.4-102*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*45.1 %*	*16.8-79.2*		"	"	"	"	
Surrogate: Terphenyl-dl4		*44.9 %*	*29.1-130*		"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP2-1,2
T501430-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015									
C6-C12 (GRO)	ND	10	mg/kg	1	5120515	12/05/05	12/06/05	EPA 8015m	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	5120520	12/05/05	12/05/05	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	**250**	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	12/05/05	"	
Cadmium	ND	2.0	"	"	"	"	12/05/05	"	
Chromium	**30**	2.0	"	"	"	"	"	"	
Cobalt	**9.3**	2.0	"	"	"	"	"	"	
Copper	**11**	1.0	"	"	"	"	"	"	
Lead	**11**	3.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**30**	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	**15**	5.0	"	"	"	"	"	"	
Zinc	**34**	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	5120521	12/05/05	12/07/05	EPA 7471A Soil	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP2-1,2
T501430-13 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5120512	12/05/05	12/05/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*126 %*	*35-140*		"	"	"	"	
Chlorinated Herbicides by EPA Method 8151A									
2,4,5-T	ND	2.40	ug/kg	1	5120603	12/05/05	12/07/05	8151	
2,4,5-TP (Silvex)	ND	2.40	"	"	"	"	"	"	
2,4-D	ND	2.40	"	"	"	"	"	"	
2,4-DB	ND	6.10	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	3.00	"	"	"	"	"	"	
4-Nitrophenol	ND	3.00	"	"	"	"	"	"	
Acifluorfen	ND	2.40	"	"	"	"	"	"	
Bentazon	**7.51**	2.40	"	"	"	"	"	"	
Chloramben	ND	2.40	"	"	"	"	"	"	
Dalapon	ND	30.0	"	"	"	"	"	"	
DCPA diacid	ND	2.40	"	"	"	"	"	"	
Dicamba	ND	2.40	"	"	"	"	"	"	
Dichloroprop	ND	2.40	"	"	"	"	"	"	
Dinoseb	ND	2.40	"	"	"	"	"	"	
Pentachlorophenol	ND	2.40	"	"	"	"	"	"	
Picloram	ND	2.40	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*60.0 %*	*35-150*		"	"	"	"	

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Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP2-1,2
T501430-13 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	2.0	ug/kg	1	5120519	12/05/05	12/05/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP2-1,2
T501430-13 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
Styrene	ND	2.0	ug/kg	1	5120519	12/05/05	12/05/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*96.9 %*	*85.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*120 %*	*79-126*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Carbazole	ND	300	ug/kg	1	5120514	12/05/05	12/06/05	EPA 8270C	
Aniline	ND	300	"	"	"	"	"	"	
Phenol	ND	300	"	"	"	"	"	"	
2-Chlorophenol	ND	300	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	300	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	300	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	300	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	300	"	"	"	"	"	"	
2-Methylnaphthalene	ND	300	"	"	"	"	"	"	
1-Methylnaphthalene	ND	300	"	"	"	"	"	"	
Acenaphthene	ND	300	"	"	"	"	"	"	
4-Nitrophenol	ND	500	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	300	"	"	"	"	"	"	
Pentachlorophenol	ND	500	"	"	"	"	"	"	
Pyrene	ND	300	"	"	"	"	"	"	
Acenaphthylene	ND	300	"	"	"	"	"	"	

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Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP2-1,2
T501430-13 (Soil)

SunStar Laboratories, Inc.

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Anthracene	ND	300	ug/kg	1	5120514	12/05/05	12/06/05	EPA 8270C	
Benzo (a) anthracene	ND	300	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	300	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	300	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1000	"	"	"	"	"	"	
Benzo (a) pyrene	ND	300	"	"	"	"	"	"	
Benzyl alcohol	ND	300	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	300	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	300	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	300	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	300	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	300	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	300	"	"	"	"	"	"	
4-Chloroaniline	ND	300	"	"	"	"	"	"	
2-Chloronaphthalene	ND	300	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	300	"	"	"	"	"	"	
Chrysene	ND	300	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	300	"	"	"	"	"	"	
Dibenzofuran	ND	300	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	300	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	300	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	300	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	300	"	"	"	"	"	"	
Diethyl phthalate	ND	300	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	300	"	"	"	"	"	"	
Dimethyl phthalate	ND	300	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	300	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	300	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1000	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	300	"	"	"	"	"	"	
Fluoranthene	ND	300	"	"	"	"	"	"	
Fluorene	ND	300	"	"	"	"	"	"	
Hexachlorobenzene	ND	1500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	300	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1000	"	"	"	"	"	"	
Hexachloroethane	ND	300	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	300	"	"	"	"	"	"	
Isophorone	ND	300	"	"	"	"	"	"	
2-Methylphenol	ND	300	"	"	"	"	"	"	
4-Methylphenol	ND	1000	"	"	"	"	"	"	

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Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP2-1,2
T501430-13 (Soil)

SunStar Laboratories, Inc.

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	300	ug/kg	1	5120514	12/05/05	12/06/05	EPA 8270C	
2-Nitroaniline	ND	300	"	"	"	"	"	"	
3-Nitroaniline	ND	300	"	"	"	"	"	"	
4-Nitroaniline	ND	300	"	"	"	"	"	"	
Nitrobenzene	ND	1000	"	"	"	"	"	"	
2-Nitrophenol	ND	500	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	300	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	300	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	300	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	300	"	"	"	"	"	"	
Phenanthrene	ND	300	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1000	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	300	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*45.0 %*	*14.3-83.1*		"	"	"	"	
Surrogate: Phenol-d6		*45.6 %*	*11.9-77.1*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*52.3 %*	*21.3-119*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*49.2 %*	*32.4-102*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*52.4 %*	*16.8-79.2*		"	"	"	"	
Surrogate: Terphenyl-dl4		*42.5 %*	*29.1-130*		"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP2-3,4
T501430-14 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015									
C6-C12 (GRO)	ND	10	mg/kg	1	5120515	12/05/05	12/06/05	EPA 8015m	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Metals by EPA 6010B									
Antimony	ND	3.0	mg/kg	1	5120520	12/05/05	12/05/05	EPA 6010B	
Silver	ND	2.0	"	"	"	"	"	"	
Arsenic	ND	5.0	"	"	"	"	"	"	
Barium	**200**	1.0	"	"	"	"	"	"	
Beryllium	ND	1.0	"	"	"	"	12/05/05	"	
Cadmium	ND	2.0	"	"	"	"	12/05/05	"	
Chromium	**20**	2.0	"	"	"	"	"	"	
Cobalt	**8.5**	2.0	"	"	"	"	"	"	
Copper	**7.8**	1.0	"	"	"	"	"	"	
Lead	ND	3.0	"	"	"	"	"	"	
Molybdenum	ND	1.0	"	"	"	"	"	"	
Nickel	**22**	2.0	"	"	"	"	"	"	
Selenium	ND	5.0	"	"	"	"	"	"	
Thallium	ND	2.0	"	"	"	"	"	"	
Vanadium	**20**	5.0	"	"	"	"	"	"	
Zinc	**22**	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471									
Mercury	ND	0.10	mg/kg	1	5120521	12/05/05	12/07/05	EPA 7471A Soil	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP2-3,4
T501430-14 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organochlorine Pesticides by EPA Method 8081A									
alpha-BHC	ND	5.0	ug/kg	1	5120512	12/05/05	12/05/05	EPA 8081A	
gamma-BHC (Lindane)	ND	5.0	"	"	"	"	"	"	
beta-BHC	ND	5.0	"	"	"	"	"	"	
delta-BHC	ND	5.0	"	"	"	"	"	"	
Heptachlor	ND	5.0	"	"	"	"	"	"	
Aldrin	ND	5.0	"	"	"	"	"	"	
Heptachlor epoxide	ND	5.0	"	"	"	"	"	"	
gamma-Chlordane	ND	10	"	"	"	"	"	"	
alpha-Chlordane	ND	10	"	"	"	"	"	"	
Endosulfan I	ND	5.0	"	"	"	"	"	"	
4,4´-DDE	ND	5.0	"	"	"	"	"	"	
Dieldrin	ND	5.0	"	"	"	"	"	"	
Endrin	ND	5.0	"	"	"	"	"	"	
4,4´-DDD	ND	5.0	"	"	"	"	"	"	
Endosulfan II	ND	5.0	"	"	"	"	"	"	
4,4´-DDT	ND	5.0	"	"	"	"	"	"	
Endrin aldehyde	ND	5.0	"	"	"	"	"	"	
Endosulfan sulfate	ND	5.0	"	"	"	"	"	"	
Methoxychlor	ND	10	"	"	"	"	"	"	
Endrin ketone	ND	5.0	"	"	"	"	"	"	
Toxaphene	ND	200	"	"	"	"	"	"	
Surrogate: Tetrachloro-meta-xylene		*103 %*	*35-140*		"	"	"	"	
Chlorinated Herbicides by EPA Method 8151A									
2,4,5-T	ND	2.40	ug/kg	1	5120603	12/05/05	12/07/05	8151	
2,4,5-TP (Silvex)	ND	2.40	"	"	"	"	"	"	
2,4-D	ND	2.40	"	"	"	"	"	"	
2,4-DB	ND	6.10	"	"	"	"	"	"	
3,5-Dichlorobenzoic acid	ND	3.00	"	"	"	"	"	"	
4-Nitrophenol	ND	3.00	"	"	"	"	"	"	
Acifluorfen	ND	2.40	"	"	"	"	"	"	
Bentazon	**6.49**	2.40	"	"	"	"	"	"	
Chloramben	ND	2.40	"	"	"	"	"	"	
Dalapon	ND	30.0	"	"	"	"	"	"	
DCPA diacid	ND	2.40	"	"	"	"	"	"	
Dicamba	ND	2.40	"	"	"	"	"	"	
Dichloroprop	ND	2.40	"	"	"	"	"	"	
Dinoseb	ND	2.40	"	"	"	"	"	"	
Pentachlorophenol	ND	2.40	"	"	"	"	"	"	
Picloram	ND	2.40	"	"	"	"	"	"	
Surrogate: 2,4-DCAA		*57.0 %*	*35-150*		"	"	"	"	

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John Shepler, Laboratory Director

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP2-3,4
T501430-14 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bromobenzene	ND	2.0	ug/kg	1	5120519	12/05/05	12/05/05	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	

Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP2-3,4
T501430-14 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
Styrene	ND	2.0	ug/kg	1	5120519	12/05/05	12/05/05	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		*98.4 %*	*85.8-113*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*108 %*	*73.5-115*		"	"	"	"	
Surrogate: Dibromofluoromethane		*119 %*	*79-126*		"	"	"	"	
Semivolatile Organic Compounds by EPA Method 8270C									
Carbazole	ND	300	ug/kg	1	5120514	12/05/05	12/06/05	EPA 8270C	
Aniline	ND	300	"	"	"	"	"	"	
Phenol	ND	300	"	"	"	"	"	"	
2-Chlorophenol	ND	300	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	300	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	300	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	300	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	300	"	"	"	"	"	"	
2-Methylnaphthalene	ND	300	"	"	"	"	"	"	
1-Methylnaphthalene	ND	300	"	"	"	"	"	"	
Acenaphthene	ND	300	"	"	"	"	"	"	
4-Nitrophenol	ND	500	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	300	"	"	"	"	"	"	
Pentachlorophenol	ND	500	"	"	"	"	"	"	
Pyrene	ND	300	"	"	"	"	"	"	
Acenaphthylene	ND	300	"	"	"	"	"	"	

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Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP2-3,4
T501430-14 (Soil)

SunStar Laboratories, Inc.

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Anthracene	ND	300	ug/kg	1	5120514	12/05/05	12/06/05	EPA 8270C	
Benzo (a) anthracene	ND	300	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	300	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	300	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	1000	"	"	"	"	"	"	
Benzo (a) pyrene	ND	300	"	"	"	"	"	"	
Benzyl alcohol	ND	300	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	300	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	300	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	300	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	300	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	300	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	300	"	"	"	"	"	"	
4-Chloroaniline	ND	300	"	"	"	"	"	"	
2-Chloronaphthalene	ND	300	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	300	"	"	"	"	"	"	
Chrysene	ND	300	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	300	"	"	"	"	"	"	
Dibenzofuran	ND	300	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	300	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	300	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	300	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	300	"	"	"	"	"	"	
Diethyl phthalate	ND	300	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	300	"	"	"	"	"	"	
Dimethyl phthalate	ND	300	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	300	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	300	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	1000	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	300	"	"	"	"	"	"	
Fluoranthene	ND	300	"	"	"	"	"	"	
Fluorene	ND	300	"	"	"	"	"	"	
Hexachlorobenzene	ND	1500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	300	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1000	"	"	"	"	"	"	
Hexachloroethane	ND	300	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	300	"	"	"	"	"	"	
Isophorone	ND	300	"	"	"	"	"	"	
2-Methylphenol	ND	300	"	"	"	"	"	"	
4-Methylphenol	ND	1000	"	"	"	"	"	"	

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Northgate Env. Mgmt.	Project: Jordan Ranch	
300 Frank Ogawa Plaza #510	Project Number: 1152.02	**Reported:**
Oakland CA, 94612	Project Manager: Dennis Laduzinsky	12/07/05 16:24

Composite TP2-3,4
T501430-14 (Soil)

SunStar Laboratories, Inc.

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Naphthalene	ND	300	ug/kg	1	5120514	12/05/05	12/06/05	EPA 8270C	
2-Nitroaniline	ND	300	"	"	"	"	"	"	
3-Nitroaniline	ND	300	"	"	"	"	"	"	
4-Nitroaniline	ND	300	"	"	"	"	"	"	
Nitrobenzene	ND	1000	"	"	"	"	"	"	
2-Nitrophenol	ND	500	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	300	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	300	"	"	"	"	"	"	
2,3,5,6-Tetrachlorophenol	ND	300	"	"	"	"	"	"	
2,3,4,6-Tetrachlorophenol	ND	300	"	"	"	"	"	"	
Phenanthrene	ND	300	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1000	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	300	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*49.9 %*	*14.3-83.1*		"	"	"	"	
Surrogate: Phenol-d6		*44.2 %*	*11.9-77.1*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*53.1 %*	*21.3-119*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*41.2 %*	*32.4-102*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*57.3 %*	*16.8-79.2*		"	"	"	"	
Surrogate: Terphenyl-dl4		*39.5 %*	*29.1-130*		"	"	"	"	

Purgeable Petroleum Hydrocarbons by EPA 8015m - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5120518 - EPA 5030 GC										
Blank (5120518-BLK1)				Prepared & Analyzed: 12/05/05						
Surrogate: 4-Bromofluorobenzene	*45.5*		*ug/l*	*50.0*		*91.0*	*65-135*			
C6-C12 (GRO)	ND	50	"							
LCS (5120518-BS1)				Prepared: 12/05/05 Analyzed: 12/06/05						
Surrogate: 4-Bromofluorobenzene	*47.6*		*ug/l*	*50.0*		*95.2*	*65-135*			
C6-C12 (GRO)	5690	50	"	5500		103	75-125			
Matrix Spike (5120518-MS1)	**Source: T501430-01**			Prepared: 12/05/05 Analyzed: 12/06/05						
Surrogate: 4-Bromofluorobenzene	*46.5*		*ug/l*	*50.0*		*93.0*	*65-135*			
C6-C12 (GRO)	5710	50	"	5500	ND	104	65-135			
Matrix Spike Dup (5120518-MSD1)	**Source: T501430-01**			Prepared: 12/05/05 Analyzed: 12/06/05						
Surrogate: 4-Bromofluorobenzene	*47.7*		*ug/l*	*50.0*		*95.4*	*65-135*			
C6-C12 (GRO)	5520	50	"	5500	ND	100	65-135	3.38	20	

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5120515 - EPA 3550B GC										
Blank (5120515-BLK1)				Prepared: 12/05/05 Analyzed: 12/06/05						
C6-C12 (GRO)	ND	10	mg/kg							
C13-C28 (DRO)	ND	10	"							
C29-C40 (MORO)	ND	10	"							
LCS (5120515-BS1)				Prepared: 12/05/05 Analyzed: 12/06/05						
C13-C28 (DRO)	520	10	mg/kg	500		104	75-125			
Matrix Spike (5120515-MS1)		**Source: T501430-12**		Prepared: 12/05/05 Analyzed: 12/06/05						
C13-C28 (DRO)	510	10	mg/kg	500	ND	102	75-125			
Matrix Spike Dup (5120515-MSD1)		**Source: T501430-12**		Prepared: 12/05/05 Analyzed: 12/06/05						
C13-C28 (DRO)	540	10	mg/kg	500	ND	108	75-125	5.71	20	
Batch 5120516 - EPA 3510C GC										
Blank (5120516-BLK1)				Prepared: 12/05/05 Analyzed: 12/06/05						
Diesel Range Hydrocarbons	ND	0.050	mg/l							
LCS (5120516-BS1)				Prepared: 12/05/05 Analyzed: 12/06/05						
Diesel Range Hydrocarbons	17.2	0.050	mg/l	20.0		86.0	75-125			
Matrix Spike (5120516-MS1)		**Source: T501430-01**		Prepared: 12/05/05 Analyzed: 12/06/05						
Diesel Range Hydrocarbons	17.3	0.050	mg/l	20.0	ND	86.5	75-125			
Matrix Spike Dup (5120516-MSD1)		**Source: T501430-01**		Prepared: 12/05/05 Analyzed: 12/06/05						
Diesel Range Hydrocarbons	17.4	0.050	mg/l	20.0	ND	87.0	75-125	0.576	20	

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5120520 - EPA 3051										
Blank (5120520-BLK1)				Prepared & Analyzed: 12/05/05						
Antimony	ND	3.0	mg/kg							
Silver	ND	2.0	"							
Arsenic	ND	5.0	"							
Barium	ND	1.0	"							
Beryllium	ND	1.0	"							
Cadmium	ND	2.0	"							
Chromium	ND	2.0	"							
Cobalt	ND	2.0	"							
Copper	ND	1.0	"							
Lead	ND	3.0	"							
Molybdenum	ND	1.0	"							
Nickel	ND	2.0	"							
Selenium	ND	5.0	"							
Thallium	ND	2.0	"							
Vanadium	ND	5.0	"							
Zinc	ND	1.0	"							
LCS (5120520-BS1)				Prepared & Analyzed: 12/05/05						
Arsenic	102	5.0	mg/kg	100		102	75-125			
Barium	112	1.0	"	100		112	75-125			
Cadmium	110	2.0	"	100		110	75-125			
Chromium	105	2.0	"	100		105	75-125			
Lead	105	3.0	"	100		105	75-125			
Matrix Spike (5120520-MS1)	**Source: T501430-11**			Prepared & Analyzed: 12/05/05						
Arsenic	89.5	5.0	mg/kg	100	ND	89.5	75-125			
Barium	352	1.0	"	100	230	122	75-125			
Cadmium	95.0	2.0	"	100	0.71	94.3	75-125			
Chromium	127	2.0	"	100	17	110	75-125			
Lead	114	3.0	"	100	31	83.0	75-125			

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5120520 - EPA 3051										
Matrix Spike Dup (5120520-MSD1)	**Source: T501430-11**			Prepared & Analyzed: 12/05/05						
Arsenic	85.6	5.0	mg/kg	100	ND	85.6	75-125	4.45	20	
Barium	316	1.0	"	100	230	86.0	75-125	10.8	20	
Cadmium	87.8	2.0	"	100	0.71	87.1	75-125	7.88	20	
Chromium	121	2.0	"	100	17	104	75-125	4.84	20	
Lead	108	3.0	"	100	31	77.0	75-125	5.41	20	

Cold Vapor Extraction EPA 7470/7471 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5120521 - EPA 7471A Soil										
Blank (5120521-BLK1)				Prepared: 12/05/05 Analyzed: 12/07/05						
Mercury	ND	0.10	mg/kg							
LCS (5120521-BS1)				Prepared: 12/05/05 Analyzed: 12/07/05						
Mercury	1.92	0.10	mg/kg	2.00		96.0	80-120			
Matrix Spike (5120521-MS1)	**Source: T501430-11**			Prepared: 12/05/05 Analyzed: 12/07/05						
Mercury	2.26	0.10	mg/kg	2.00	0.068	110	75-125			
Matrix Spike Dup (5120521-MSD1)	**Source: T501430-11**			Prepared: 12/05/05 Analyzed: 12/07/05						
Mercury	2.18	0.10	mg/kg	2.00	0.068	106	75-125	3.60	20	

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5120512 - EPA 3550 ECD/GCMS										
Blank (5120512-BLK1)				Prepared & Analyzed: 12/05/05						
Surrogate: Tetrachloro-meta-xylene	*84.5*		*ug/kg*	*100*		*84.5*	*35-140*			
alpha-BHC	ND	5.0	"							
gamma-BHC (Lindane)	ND	5.0	"							
beta-BHC	ND	5.0	"							
delta-BHC	ND	5.0	"							
Heptachlor	ND	5.0	"							
Aldrin	ND	5.0	"							
Heptachlor epoxide	ND	5.0	"							
gamma-Chlordane	ND	10	"							
alpha-Chlordane	ND	10	"							
Endosulfan I	ND	5.0	"							
4,4´-DDE	ND	5.0	"							
Dieldrin	ND	5.0	"							
Endrin	ND	5.0	"							
4,4´-DDD	ND	5.0	"							
Endosulfan II	ND	5.0	"							
4,4´-DDT	ND	5.0	"							
Endrin aldehyde	ND	5.0	"							
Endosulfan sulfate	ND	5.0	"							
Methoxychlor	ND	10	"							
Endrin ketone	ND	5.0	"							
Toxaphene	ND	200	"							
LCS (5120512-BS1)				Prepared & Analyzed: 12/05/05						
Surrogate: Tetrachloro-meta-xylene	*91.4*		*ug/kg*	*100*		*91.4*	*35-140*			
gamma-BHC (Lindane)	133	5.0	"	125		106	40-120			
Heptachlor	108	5.0	"	125		86.4	40-120			
Aldrin	103	5.0	"	125		82.4	40-120			
Dieldrin	291	5.0	"	312		93.3	40-120			
Endrin	234	5.0	"	312		75.0	40-120			
4,4´-DDT	243	5.0	"	312		77.9	40-120			

Organochlorine Pesticides by EPA Method 8081A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5120512 - EPA 3550 ECD/GCMS										
Matrix Spike (5120512-MS1)	**Source: T501430-11**			Prepared & Analyzed: 12/05/05						
Surrogate: Tetrachloro-meta-xylene	*123*		*ug/kg*	*100*		*123*	*35-140*			
gamma-BHC (Lindane)	146	5.0	"	125	ND	117	30-120			
Heptachlor	109	5.0	"	125	ND	87.2	30-120			
Aldrin	72.0	5.0	"	125	ND	57.6	30-120			
Dieldrin	324	5.0	"	312	ND	104	30-120			
Endrin	291	5.0	"	312	ND	93.3	30-120			
4,4´-DDT	360	5.0	"	312	ND	115	30-120			
Matrix Spike Dup (5120512-MSD1)	**Source: T501430-11**			Prepared & Analyzed: 12/05/05						
Surrogate: Tetrachloro-meta-xylene	*121*		*ug/kg*	*100*		*121*	*35-140*			
gamma-BHC (Lindane)	147	5.0	"	125	ND	118	30-120	0.683	30	
Heptachlor	124	5.0	"	125	ND	99.2	30-120	12.9	30	
Aldrin	84.2	5.0	"	125	ND	67.4	30-120	15.6	30	
Dieldrin	336	5.0	"	312	ND	108	30-120	3.64	30	
Endrin	307	5.0	"	312	ND	98.4	30-120	5.35	30	
4,4´-DDT	357	5.0	"	312	ND	114	30-120	0.837	30	

Chlorinated Herbicides by EPA Method 8151A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5120603 - 8151 Prep										
Blank (5120603-BLK1)				Prepared: 12/01/05 Analyzed: 12/07/05						
Surrogate: 2,4-DCAA	*18.9*		*ug/kg*	*20.0*		*94.5*	*35-150*			
2,4,5-T	ND	0.24	"							
2,4,5-TP (Silvex)	ND	0.24	"							
2,4-D	ND	0.24	"							
2,4-DB	ND	0.61	"							
3,5-Dichlorobenzoic acid	ND	0.30	"							
4-Nitrophenol	ND	0.30	"							
Acifluorfen	ND	0.24	"							
Bentazon	ND	0.24	"							
Chloramben	ND	0.24	"							
Dalapon	ND	3.00	"							
DCPA diacid	ND	0.24	"							
Dicamba	ND	0.24	"							
Dichloroprop	ND	0.24	"							
Dinoseb	ND	0.24	"							
Pentachlorophenol	ND	0.24	"							
Picloram	ND	0.24	"							
LCS (5120603-BS1)				Prepared: 12/01/05 Analyzed: 12/06/05						
Surrogate: 2,4-DCAA	*9.84*		*ug/kg*	*20.0*		*49.2*	*35-150*			
2,4,5-T	11.3	2.40	"	20.0		56.5	0-200			
2,4,5-TP (Silvex)	9.84	2.40	"	20.0		49.2	0-200			
Dinoseb	15.4	2.40	"	20.0		77.0	0-200			
Matrix Spike (5120603-MS1)	**Source: T501361-95**			Prepared: 12/01/05 Analyzed: 12/06/05						
Surrogate: 2,4-DCAA	*12.5*		*ug/kg*	*20.0*		*62.5*	*35-150*			
2,4,5-T	15.2	2.40	"	20.0	0.00	76.0	20-150			
2,4,5-TP (Silvex)	16.1	2.40	"	20.0	0.00	80.5	20-150			
Dinoseb	18.2	2.40	"	20.0	0.00	91.0	20-150			

Chlorinated Herbicides by EPA Method 8151A - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5120603 - 8151 Prep										
Matrix Spike Dup (5120603-MSD1)	**Source: T501361-95**			Prepared: 12/01/05 Analyzed: 12/06/05						
Surrogate: 2,4-DCAA	*13.0*		*ug/kg*	*20.0*		*65.0*	*35-150*			
2,4,5-T	15.6	2.40	"	20.0	0.00	78.0	20-150	2.60	30	
2,4,5-TP (Silvex)	15.7	2.40	"	20.0	0.00	78.5	20-150	2.52	30	
Dinoseb	17.9	2.40	"	20.0	0.00	89.5	20-150	1.66	30	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5120519 - EPA 5035 GCMS										
Blank (5120519-BLK1)				Prepared & Analyzed: 12/05/05						
Surrogate: Toluene-d8	*100*		*ug/kg*	*100*		*100*	*85.8-113*			
Surrogate: 4-Bromofluorobenzene	*104*		*"*	*100*		*104*	*73.5-115*			
Surrogate: Dibromofluoromethane	*114*		*"*	*100*		*114*	*79-126*			
Benzene	ND	2.0	"							
Toluene	ND	2.0	"							
Ethylbenzene	ND	2.0	"							
m,p-Xylene	ND	4.0	"							
o-Xylene	ND	2.0	"							
Methyl tert-butyl ether	ND	5.0	"							
LCS (5120519-BS1)				Prepared: 12/05/05 Analyzed: 12/06/05						
Surrogate: Toluene-d8	*101*		*ug/kg*	*100*		*101*	*85.8-113*			
Surrogate: 4-Bromofluorobenzene	*103*		*"*	*100*		*103*	*73.5-115*			
Surrogate: Dibromofluoromethane	*119*		*"*	*100*		*119*	*79-126*			
Benzene	298	2.0	"	250		119	75-125			
Toluene	278	2.0	"	250		111	75-125			
Matrix Spike (5120519-MS1)	**Source: T501419-01**			Prepared: 12/05/05 Analyzed: 12/06/05						
Surrogate: Toluene-d8	*102*		*ug/kg*	*100*		*102*	*85.8-113*			
Surrogate: 4-Bromofluorobenzene	*102*		*"*	*100*		*102*	*73.5-115*			
Surrogate: Dibromofluoromethane	*121*		*"*	*100*		*121*	*79-126*			
Benzene	238	2.0	"	250	ND	95.2	75-125			
Toluene	202	2.0	"	250	ND	80.8	75-125			
Matrix Spike Dup (5120519-MSD1)	**Source: T501419-01**			Prepared: 12/05/05 Analyzed: 12/06/05						
Surrogate: Toluene-d8	*99.5*		*ug/kg*	*100*		*99.5*	*85.8-113*			
Surrogate: 4-Bromofluorobenzene	*102*		*"*	*100*		*102*	*73.5-115*			
Surrogate: Dibromofluoromethane	*120*		*"*	*100*		*120*	*79-126*			
Benzene	264	2.0	"	250	ND	106	75-125	10.4	20	
Toluene	236	2.0	"	250	ND	94.4	75-125	15.5	20	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5120522 - EPA 5030 GCMS										
Blank (5120522-BLK1)				Prepared & Analyzed: 12/05/05						
Surrogate: Toluene-d8	*36.1*		*ug/l*	*40.0*		*90.2*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*39.4*		*"*	*40.0*		*98.5*	*80-112*			
Surrogate: Dibromofluoromethane	*38.8*		*"*	*40.0*		*97.0*	*78.6-122*			
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.50	"							
Methyl tert-butyl ether	ND	1.0	"							
LCS (5120522-BS1)				Prepared & Analyzed: 12/05/05						
Surrogate: Toluene-d8	*36.8*		*ug/l*	*40.0*		*92.0*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*36.4*		*"*	*40.0*		*91.0*	*80-112*			
Surrogate: Dibromofluoromethane	*39.6*		*"*	*40.0*		*99.0*	*78.6-122*			
Benzene	85.3	0.50	"	100		85.3	75-125			
Toluene	83.6	0.50	"	100		83.6	75-125			
Matrix Spike (5120522-MS1)	**Source: T501430-01**			Prepared & Analyzed: 12/05/05						
Surrogate: Toluene-d8	*36.0*		*ug/l*	*40.0*		*90.0*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*39.1*		*"*	*40.0*		*97.8*	*80-112*			
Surrogate: Dibromofluoromethane	*39.6*		*"*	*40.0*		*99.0*	*78.6-122*			
Benzene	103	0.50	"	100	ND	103	75-125			
Toluene	101	0.50	"	100	ND	101	75-125			
Matrix Spike Dup (5120522-MSD1)	**Source: T501430-01**			Prepared & Analyzed: 12/05/05						
Surrogate: Toluene-d8	*36.4*		*ug/l*	*40.0*		*91.0*	*87.6-115*			
Surrogate: 4-Bromofluorobenzene	*38.8*		*"*	*40.0*		*97.0*	*80-112*			
Surrogate: Dibromofluoromethane	*40.1*		*"*	*40.0*		*100*	*78.6-122*			
Benzene	97.2	0.50	"	100	ND	97.2	75-125	5.79	20	
Toluene	95.9	0.50	"	100	ND	95.9	75-125	5.18	20	

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5120514 - EPA 3550 ECD/GCMS										
Blank (5120514-BLK1)				Prepared & Analyzed: 12/05/05						
Surrogate: 2-Fluorophenol	*1020*		*ug/kg*	*1670*		*61.1*	*14.3-83.1*			
Surrogate: Phenol-d6	*891*		*"*	*1670*		*53.4*	*11.9-77.1*			
Surrogate: Nitrobenzene-d5	*1080*		*"*	*1670*		*64.7*	*21.3-119*			
Surrogate: 2-Fluorobiphenyl	*960*		*"*	*1670*		*57.5*	*32.4-102*			
Surrogate: 2,4,6-Tribromophenol	*1180*		*"*	*1670*		*70.7*	*16.8-79.2*			
Surrogate: Terphenyl-dl4	*1070*		*"*	*1670*		*64.1*	*29.1-130*			
Carbazole	ND	300	"							
Aniline	ND	300	"							
Phenol	ND	300	"							
2-Chlorophenol	ND	300	"							
1,4-Dichlorobenzene	ND	300	"							
N-Nitrosodi-n-propylamine	ND	300	"							
1,2,4-Trichlorobenzene	ND	300	"							
4-Chloro-3-methylphenol	ND	300	"							
1-Methylnaphthalene	ND	300	"							
2-Methylnaphthalene	ND	300	"							
Acenaphthene	ND	300	"							
4-Nitrophenol	ND	500	"							
2,4-Dinitrotoluene	ND	300	"							
Pentachlorophenol	ND	500	"							
Pyrene	ND	300	"							
Acenaphthylene	ND	300	"							
Anthracene	ND	300	"							
Benzo (a) anthracene	ND	300	"							
Benzo (b) fluoranthene	ND	300	"							
Benzo (k) fluoranthene	ND	300	"							
Benzo (g,h,i) perylene	ND	1000	"							
Benzo (a) pyrene	ND	300	"							
Benzyl alcohol	ND	300	"							
Bis(2-chloroethoxy)methane	ND	300	"							
Bis(2-chloroethyl)ether	ND	300	"							
Bis(2-chloroisopropyl)ether	ND	300	"							
Bis(2-ethylhexyl)phthalate	ND	300	"							
4-Bromophenyl phenyl ether	ND	300	"							
Butyl benzyl phthalate	ND	300	"							
4-Chloroaniline	ND	300	"							
2-Chloronaphthalene	ND	300	"							
4-Chlorophenyl phenyl ether	ND	300	"							
Chrysene	ND	300	"							
Dibenz (a,h) anthracene	ND	300	"							
Dibenzofuran	ND	300	"							

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

John Shepler, Laboratory Director

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5120514 - EPA 3550 ECD/GCMS										
Blank (5120514-BLK1)				Prepared & Analyzed: 12/05/05						
Di-n-butyl phthalate	ND	300	ug/kg							
1,2-Dichlorobenzene	ND	300	"							
1,3-Dichlorobenzene	ND	300	"							
2,4-Dichlorophenol	ND	300	"							
Diethyl phthalate	ND	300	"							
2,4-Dimethylphenol	ND	300	"							
Dimethyl phthalate	ND	300	"							
4,6-Dinitro-2-methylphenol	ND	300	"							
2,4-Dinitrophenol	ND	300	"							
2,6-Dinitrotoluene	ND	1000	"							
Di-n-octyl phthalate	ND	300	"							
Fluoranthene	ND	300	"							
Fluorene	ND	300	"							
Hexachlorobenzene	ND	1500	"							
Hexachlorobutadiene	ND	300	"							
Hexachlorocyclopentadiene	ND	1000	"							
Hexachloroethane	ND	300	"							
Indeno (1,2,3-cd) pyrene	ND	300	"							
Isophorone	ND	300	"							
2-Methylphenol	ND	300	"							
4-Methylphenol	ND	1000	"							
Naphthalene	ND	300	"							
2-Nitroaniline	ND	300	"							
3-Nitroaniline	ND	300	"							
4-Nitroaniline	ND	300	"							
Nitrobenzene	ND	1000	"							
2-Nitrophenol	ND	500	"							
N-Nitrosodimethylamine	ND	300	"							
N-Nitrosodiphenylamine	ND	300	"							
2,3,5,6-Tetrachlorophenol	ND	300	"							
2,3,4,6-Tetrachlorophenol	ND	300	"							
Phenanthrene	ND	300	"							
2,4,5-Trichlorophenol	ND	1000	"							
2,4,6-Trichlorophenol	ND	300	"							

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5120514 - EPA 3550 ECD/GCMS										
LCS (5120514-BS1)				Prepared & Analyzed: 12/05/05						
Surrogate: 2-Fluorophenol	*1100*		*ug/kg*	*1670*		*65.9*	*14.3-83.1*			
Surrogate: Phenol-d6	*812*		*"*	*1670*		*48.6*	*11.9-77.1*			
Surrogate: Nitrobenzene-d5	*1120*		*"*	*1670*		*67.1*	*21.3-119*			
Surrogate: 2-Fluorobiphenyl	*993*		*"*	*1670*		*59.5*	*32.4-102*			
Surrogate: 2,4,6-Tribromophenol	*1100*		*"*	*1670*		*65.9*	*16.8-79.2*			
Surrogate: Terphenyl-dl4	*1280*		*"*	*1670*		*76.6*	*29.1-130*			
Phenol	866	300	"	1670		51.9	25.9-102			
2-Chlorophenol	1240	300	"	1670		74.3	37.1-110			
1,4-Dichlorobenzene	802	300	"	1670		48.0	36-97			
N-Nitrosodi-n-propylamine	965	300	"	1670		57.8	30.8-81.8			
1,2,4-Trichlorobenzene	1080	300	"	1670		64.7	39-98			
4-Chloro-3-methylphenol	1290	300	"	1670		77.2	33.1-109			
Acenaphthene	1200	300	"	1670		71.9	38.9-79.4			
4-Nitrophenol	726	500	"	1670		43.5	14-103			
2,4-Dinitrotoluene	938	300	"	1670		56.2	24-96			
Pentachlorophenol	540	500	"	1670		32.3	8.05-120			
Pyrene	962	300	"	1670		57.6	25-85.2			
Matrix Spike (5120514-MS1)	**Source: T501430-11**			Prepared & Analyzed: 12/05/05						
Surrogate: 2-Fluorophenol	*865*		*ug/kg*	*1670*		*51.8*	*14.3-83.1*			
Surrogate: Phenol-d6	*758*		*"*	*1670*		*45.4*	*11.9-77.1*			
Surrogate: Nitrobenzene-d5	*777*		*"*	*1670*		*46.5*	*21.3-119*			
Surrogate: 2-Fluorobiphenyl	*846*		*"*	*1670*		*50.7*	*32.4-102*			
Surrogate: 2,4,6-Tribromophenol	*1000*		*"*	*1670*		*59.9*	*16.8-79.2*			
Surrogate: Terphenyl-dl4	*744*		*"*	*1670*		*44.6*	*29.1-130*			
Phenol	1090	300	"	1670	ND	65.3	24.4-110			
2-Chlorophenol	732	300	"	1670	ND	43.8	34.7-112			
1,4-Dichlorobenzene	779	300	"	1670	ND	46.6	36-97			
N-Nitrosodi-n-propylamine	812	300	"	1670	ND	48.6	34.9-71.8			
1,2,4-Trichlorobenzene	793	300	"	1670	ND	47.5	30.5-84			
4-Chloro-3-methylphenol	1040	300	"	1670	ND	62.3	25.1-111			
Acenaphthene	855	300	"	1670	ND	51.2	33.8-76.1			
4-Nitrophenol	947	500	"	1670	ND	56.7	9.07-113			
2,4-Dinitrotoluene	712	300	"	1670	ND	42.6	11.2-71.8			
Pentachlorophenol	561	500	"	1670	ND	33.6	9-103			
Pyrene	592	300	"	1670	ND	35.4	24.5-100			

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5120514 - EPA 3550 ECD/GCMS										
Matrix Spike Dup (5120514-MSD1)	**Source: T501430-11**			Prepared: 12/05/05 Analyzed: 12/06/05						
Surrogate: 2-Fluorophenol	*502*		*ug/kg*	*1670*		*30.1*	*14.3-83.1*			
Surrogate: Phenol-d6	*624*		*"*	*1670*		*37.4*	*11.9-77.1*			
Surrogate: Nitrobenzene-d5	*797*		*"*	*1670*		*47.7*	*21.3-119*			
Surrogate: 2-Fluorobiphenyl	*707*		*"*	*1670*		*42.3*	*32.4-102*			
Surrogate: 2,4,6-Tribromophenol	*1050*		*"*	*1670*		*62.9*	*16.8-79.2*			
Surrogate: Terphenyl-dl4	*597*		*"*	*1670*		*35.7*	*29.1-130*			
Phenol	733	300	"	1670	ND	43.9	24.4-110	39.2	42	
2-Chlorophenol	851	300	"	1670	ND	51.0	34.7-112	15.0	40	
1,4-Dichlorobenzene	617	300	"	1670	ND	36.9	36-97	23.2	28	
N-Nitrosodi-n-propylamine	731	300	"	1670	ND	43.8	34.9-71.8	10.5	38	
1,2,4-Trichlorobenzene	617	300	"	1670	ND	36.9	30.5-84	25.0	28	
4-Chloro-3-methylphenol	1150	300	"	1670	ND	68.9	25.1-111	10.0	42	
Acenaphthene	802	300	"	1670	ND	48.0	33.8-76.1	6.40	31	
4-Nitrophenol	1130	500	"	1670	ND	67.7	9.07-113	17.6	50	
2,4-Dinitrotoluene	822	300	"	1670	ND	49.2	11.2-71.8	14.3	38	
Pentachlorophenol	576	500	"	1670	ND	34.5	9-103	2.64	50	
Pyrene	556	300	"	1670	ND	33.3	24.5-100	6.27	31	

Notes and Definitions

D-02	Hydrocarbon pattern present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Entech Analytical Labs, Inc.

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

Chain of Custody / Analysis Request

RUSH

Attention to: Marta Lutsky	Phone No.: 510-879-0688	Purchase Order No.:	Invoice to: (If Different)	Phone:	
Company Name: Northgate	Fax No.:	Project No.: 1152.04	Company:	Quote No.:	
Mailing Address: 300 Frank Ogawa Plaza Ste 500	Email Address: marta.lutsky@ngem.com	Project Name: Jordan Ranch	Billing Address: (If Different)		
City: Oakland	State: CA / Zip Code:	Project Location:	City:	State: / Zip:	

Sampler: ML
Field Org. Code:
Global ID:

Turn Around Time
- ☐ Same Day
- ☒ 1 Day
- ☐ 2 Day
- ☐ 3 Day
- ☐ 4 Day
- ☐ 5 Day
- ☐ 10 Day

Order ID:

Sample

	Client ID / Field Point	Lab. No.	Date	Time	Matrix	No. of Containers	GC/MS Methods: EPA 8260B; BTEX ☐ MTBE ☐ TPH Gas ☐ by 8260B; 5 Oxygenates (MTBE, TBA, ETBA, DIPE, TAME) ☐ Lead Scavengers (1,2-DCA & EDB) ☐ Ethanol ☐; Base/Neutral/Acid Organics 8270C ☐ PAH - 8270C ☐; PAH - 8270C SIM ☐; TPH Extractable, Diesel ☐ Motor Oil ☐ Other ☐ w/ Si-Gel Cleanup ☐; Pesticides-8081 ☐; PCBs - 8082 ☐; TPH as Gas/BTEX ☒ MTBE ☐ by 8015M/8020; Methanol by 8015M; GC Methods; General Chemistry: Anions: F ☐ Cl ☐ Br ☐ SO4 ☐ NO3 ☐ NO2 ☐ PO4 ☐; pH ☐ TSS ☐ SC ☐ TOC ☐ TRPH ☐ O & G ☐; Metals - Circle Below: Total ☐ Dissolved ☐ STLC ☐ TCLP ☐	Remarks
+	NG-MW-1		12-6-05	1000		3	X	
+	NG-MW-2		12-6-05	1414		3	X	
+	NG-MW-3		12-6-05	1233		3	X	
+	NG-MW-4		12-6-05	1222		3	X	
+1	NG-MW-5		12-6-05	1421		3	X	24 hr. turnaround

VOC / oxygenates

ICE/ ✓
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB ____
PRESERVED IN LAB ____
APPROPRIATE CONTAINERS ✓

PRESERVATION	VOAs	O&G	METALS	OTHER
	✓			

Relinquished by:	Received by:	Date:	Time:
Marta A Lutsky		12/6/05	230
Relinquished by:	Received by:	Date:	Time:
	[illegible]	12/6/05	530
Relinquished by:	Received by:	Date:	Time:

Special Instructions or Comments

Metals:
Al, As, Sb, Ba, Be, Bi, B, Cd, Ce, Ca, Cr, Co, Cs, Cu, Fe, Pb, Mg, Mn, Ga, Ge, Hg, In, Li, Mo, Ni, P, K, Si, Ag, Na, S, Se, Sr, Ta, Te, Tl, Sn, Ti, Zn, V, W, Zr

- ☐ EDD Report
- ☐ EDF Report
- ☐ Plating
- ☐ LUFT-5
- ☐ RCRA-8
- ☐ PPM-13
- ☐ CAM-17

June 2004

McCampbell Analytical, Inc.
110 Second Avenue South, #D7
Pacheco, CA 94553-5560
(925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0512116 **ClientID: NGEM** **EDF: NO**

Report to:
Marta Lutsky
Northgate Environmental Mngmnt, Inc.
300 Frank H. Ogawa Plaza, Suite 510
Oakland, CA 94612
TEL: 510-839-0688
FAX: 510-839-4350
ProjectNo: #1152.04; Jordan Ranch
PO:

Bill to:
Renda
Northgate Environmental Mngmnt, Inc
300 Frank H. Ogawa Plaza Suite510
Oakland, CA 94612

Requested TAT: 1 day
Date Received: 12/06/2005
Date Printed: 12/06/2005

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0512116-001	NG-MW-1	Water	12/6/05 10:00:00	☐	B	A										
0512116-002	NG-MW-2	Water	12/6/05 2:14:00 PM	☐	B	A										
0512116-003	NG-MW-3	Water	12/6/05 12:33:00	☐	B	A										
0512116-004	NG-MW-4	Water	12/6/05 12:22:00	☐	B	A										
0512116-005	NG-MW-5	Water	12/6/05 2:21:00 PM	☐	B	A										

Test Legend:

1	8260B_W	2	G-MBTEX_W	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Melissa Valles

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

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

Northgate Environmental Mngmnt, Inc.	Client Project ID: #1152.04; Jordan Ranch	Date Sampled: 12/06/05
		Date Received: 12/06/05
300 Frank H. Ogawa Plaza, Suite 510	Client Contact: Marta Lutsky	Date Extracted: 12/07/05
Oakland, CA 94612	Client P.O.:	Date Analyzed: 12/07/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0512116

Lab ID	0512116-001B
Client ID	NG-MW-1
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	2.0	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	0.52	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)			
%SS1:	101	%SS2:	95
%SS3:	87		

Comments: i

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.

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Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Northgate Environmental Mngmnt, Inc.	Client Project ID: #1152.04; Jordan Ranch	Date Sampled: 12/06/05
		Date Received: 12/06/05
300 Frank H. Ogawa Plaza, Suite 510	Client Contact: Marta Lutsky	Date Extracted: 12/06/05
Oakland, CA 94612	Client P.O.:	Date Analyzed: 12/06/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0512116

Lab ID	0512116-002B
Client ID	NG-MW-2
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<250	50	5.0	Acrolein (Propenal)	ND<250	50	5.0
Acrylonitrile	ND<100	50	2.0	tert-Amyl methyl ether (TAME)	ND<25	50	0.5
Benzene	470	50	0.5	Bromobenzene	ND<25	50	0.5
Bromochloromethane	ND<25	50	0.5	Bromodichloromethane	ND<25	50	0.5
Bromoform	ND<25	50	0.5	Bromomethane	ND<25	50	0.5
2-Butanone (MEK)	ND<100	50	2.0	t-Butyl alcohol (TBA)	ND<250	50	5.0
n-Butyl benzene	ND<25	50	0.5	sec-Butyl benzene	ND<25	50	0.5
tert-Butyl benzene	ND<25	50	0.5	Carbon Disulfide	ND<25	50	0.5
Carbon Tetrachloride	ND<25	50	0.5	Chlorobenzene	ND<25	50	0.5
Chloroethane	ND<25	50	0.5	2-Chloroethyl Vinyl Ether	ND<50	50	1.0
Chloroform	ND<25	50	0.5	Chloromethane	ND<25	50	0.5
2-Chlorotoluene	ND<25	50	0.5	4-Chlorotoluene	ND<25	50	0.5
Dibromochloromethane	ND<25	50	0.5	1,2-Dibromo-3-chloropropane	ND<25	50	0.5
1,2-Dibromoethane (EDB)	ND<25	50	0.5	Dibromomethane	ND<25	50	0.5
1,2-Dichlorobenzene	ND<25	50	0.5	1,3-Dichlorobenzene	ND<25	50	0.5
1,4-Dichlorobenzene	ND<25	50	0.5	Dichlorodifluoromethane	ND<25	50	0.5
1,1-Dichloroethane	ND<25	50	0.5	1,2-Dichloroethane (1,2-DCA)	57	50	0.5
1,1-Dichloroethene	ND<25	50	0.5	cis-1,2-Dichloroethene	ND<25	50	0.5
trans-1,2-Dichloroethene	ND<25	50	0.5	1,2-Dichloropropane	ND<25	50	0.5
1,3-Dichloropropane	ND<25	50	0.5	2,2-Dichloropropane	ND<25	50	0.5
1,1-Dichloropropene	ND<25	50	0.5	cis-1,3-Dichloropropene	ND<25	50	0.5
trans-1,3-Dichloropropene	ND<25	50	0.5	Diisopropyl ether (DIPE)	ND<25	50	0.5
Ethylbenzene	55	50	0.5	Ethyl tert-butyl ether (ETBE)	ND<25	50	0.5
Freon 113	ND<500	50	10	Hexachlorobutadiene	ND<25	50	0.5
Hexachloroethane	ND<25	50	0.5	2-Hexanone	ND<25	50	0.5
Isopropylbenzene	ND<25	50	0.5	4-Isopropyl toluene	ND<25	50	0.5
Methyl-t-butyl ether (MTBE)	800	50	0.5	Methylene chloride	ND<25	50	0.5
4-Methyl-2-pentanone (MIBK)	ND<25	50	0.5	Naphthalene	60	50	0.5
Nitrobenzene	ND<500	50	10	n-Propyl benzene	ND<25	50	0.5
Styrene	ND<25	50	0.5	1,1,1,2-Tetrachloroethane	ND<25	50	0.5
1,1,2,2-Tetrachloroethane	ND<25	50	0.5	Tetrachloroethene	ND<25	50	0.5
Toluene	ND<25	50	0.5	1,2,3-Trichlorobenzene	ND<25	50	0.5
1,2,4-Trichlorobenzene	ND<25	50	0.5	1,1,1-Trichloroethane	ND<25	50	0.5
1,1,2-Trichloroethane	ND<25	50	0.5	Trichloroethene	ND<25	50	0.5
Trichlorofluoromethane	ND<25	50	0.5	1,2,3-Trichloropropane	ND<25	50	0.5
1,2,4-Trimethylbenzene	82	50	0.5	1,3,5-Trimethylbenzene	34	50	0.5
Vinyl Chloride	ND<25	50	0.5	Xylenes	120	50	0.5

Surrogate Recoveries (%)

%SS1:	102	%SS2:	110
%SS3:	98		

Comments:

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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

Northgate Environmental Mngmnt, Inc.	Client Project ID: #1152.04; Jordan Ranch	Date Sampled: 12/06/05
		Date Received: 12/06/05
300 Frank H. Ogawa Plaza, Suite 510	Client Contact: Marta Lutsky	Date Extracted: 12/07/05
Oakland, CA 94612	Client P.O.:	Date Analyzed: 12/07/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0512116

Lab ID	0512116-003B
Client ID	NG-MW-3
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)			
%SS1:	102	%SS2:	111
%SS3:	104		

Comments:

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.

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Northgate Environmental Mngmnt, Inc.	Client Project ID: #1152.04; Jordan Ranch	Date Sampled: 12/06/05
		Date Received: 12/06/05
300 Frank H. Ogawa Plaza, Suite 510	Client Contact: Marta Lutsky	Date Extracted: 12/07/05
Oakland, CA 94612	Client P.O.:	Date Analyzed: 12/07/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0512116

Lab ID	0512116-004B
Client ID	NG-MW-4
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	5.0	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	5.0
n-Butyl benzene	0.88	1.0	0.5	sec-Butyl benzene	7.7	1.0	0.5
tert-Butyl benzene	2.4	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.5
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)			
%SS1:	100	%SS2:	112
%SS3:	105		

Comments:

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

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Northgate Environmental Mngmnt, Inc.	Client Project ID: #1152.04; Jordan Ranch	Date Sampled: 12/06/05
		Date Received: 12/06/05
300 Frank H. Ogawa Plaza, Suite 510	Client Contact: Marta Lutsky	Date Extracted: 12/07/05
Oakland, CA 94612	Client P.O.:	Date Analyzed: 12/07/05

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 0512116

Lab ID	0512116-005B
Client ID	NG-MW-5
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND<2500	500	5.0	Acrolein (Propenal)	ND<2500	500	5.0
Acrylonitrile	ND<1000	500	2.0	tert-Amyl methyl ether (TAME)	ND<250	500	0.5
Benzene	13,000	500	0.5	Bromobenzene	ND<250	500	0.5
Bromochloromethane	ND<250	500	0.5	Bromodichloromethane	ND<250	500	0.5
Bromoform	ND<250	500	0.5	Bromomethane	ND<250	500	0.5
2-Butanone (MEK)	ND<1000	500	2.0	t-Butyl alcohol (TBA)	ND<2500	500	5.0
n-Butyl benzene	ND<250	500	0.5	sec-Butyl benzene	ND<250	500	0.5
tert-Butyl benzene	ND<250	500	0.5	Carbon Disulfide	ND<250	500	0.5
Carbon Tetrachloride	ND<250	500	0.5	Chlorobenzene	ND<250	500	0.5
Chloroethane	ND<250	500	0.5	2-Chloroethyl Vinyl Ether	ND<500	500	1.0
Chloroform	ND<250	500	0.5	Chloromethane	ND<250	500	0.5
2-Chlorotoluene	ND<250	500	0.5	4-Chlorotoluene	ND<250	500	0.5
Dibromochloromethane	ND<250	500	0.5	1,2-Dibromo-3-chloropropane	ND<250	500	0.5
1,2-Dibromoethane (EDB)	ND<250	500	0.5	Dibromomethane	ND<250	500	0.5
1,2-Dichlorobenzene	ND<250	500	0.5	1,3-Dichlorobenzene	ND<250	500	0.5
1,4-Dichlorobenzene	ND<250	500	0.5	Dichlorodifluoromethane	ND<250	500	0.5
1,1-Dichloroethane	ND<250	500	0.5	1,2-Dichloroethane (1,2-DCA)	290	500	0.5
1,1-Dichloroethene	ND<250	500	0.5	cis-1,2-Dichloroethene	ND<250	500	0.5
trans-1,2-Dichloroethene	ND<250	500	0.5	1,2-Dichloropropane	ND<250	500	0.5
1,3-Dichloropropane	ND<250	500	0.5	2,2-Dichloropropane	ND<250	500	0.5
1,1-Dichloropropene	ND<250	500	0.5	cis-1,3-Dichloropropene	ND<250	500	0.5
trans-1,3-Dichloropropene	ND<250	500	0.5	Diisopropyl ether (DIPE)	ND<250	500	0.5
Ethylbenzene	930	500	0.5	Ethyl tert-butyl ether (ETBE)	ND<250	500	0.5
Freon 113	ND<5000	500	10	Hexachlorobutadiene	ND<250	500	0.5
Hexachloroethane	ND<250	500	0.5	2-Hexanone	ND<250	500	0.5
Isopropylbenzene	ND<250	500	0.5	4-Isopropyl toluene	ND<250	500	0.5
Methyl-t-butyl ether (MTBE)	7000	500	0.5	Methylene chloride	ND<250	500	0.5
4-Methyl-2-pentanone (MIBK)	ND<250	500	0.5	Naphthalene	560	500	0.5
Nitrobenzene	ND<5000	500	10	n-Propyl benzene	ND<250	500	0.5
Styrene	ND<250	500	0.5	1,1,1,2-Tetrachloroethane	ND<250	500	0.5
1,1,2,2-Tetrachloroethane	ND<250	500	0.5	Tetrachloroethene	ND<250	500	0.5
Toluene	1300	500	0.5	1,2,3-Trichlorobenzene	ND<250	500	0.5
1,2,4-Trichlorobenzene	ND<250	500	0.5	1,1,1-Trichloroethane	ND<250	500	0.5
1,1,2-Trichloroethane	ND<250	500	0.5	Trichloroethene	ND<250	500	0.5
Trichlorofluoromethane	ND<250	500	0.5	1,2,3-Trichloropropane	ND<250	500	0.5
1,2,4-Trimethylbenzene	1500	500	0.5	1,3,5-Trimethylbenzene	400	500	0.5
Vinyl Chloride	ND<250	500	0.5	Xylenes	4400	500	0.5

Surrogate Recoveries (%)			
%SS1:	101	%SS2:	109
%SS3:	98		

Comments:

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.

McCampbell Analytical, Inc.

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Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mccampbell.com E-mail: main@mccampbell.com

Northgate Environmental Mngmnt, Inc. 300 Frank H. Ogawa Plaza, Suite 510 Oakland, CA 94612	Client Project ID: #1152.04; Jordan Ranch	Date Sampled: 12/06/05
		Date Received: 12/06/05
	Client Contact: Marta Lutsky	Date Extracted: 12/07/05
	Client P.O.:	Date Analyzed: 12/07/05

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0512116

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	NG-MW-1	W	64,m,i	---	2.4	1.7	ND	ND	1	105
002A	NG-MW-2	W	3400,a	---	740	14	94	180	10	89
003A	NG-MW-3	W	ND	---	ND	ND	ND	ND	1	106
004A	NG-MW-4	W	70,m	---	ND	ND	ND	ND	1	97
005A	NG-MW-5	W	53,000,a	---	14,000	1400	1200	5000	200	110

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

+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 gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request.

DHS Certification No. 1644

_____Angela Rydelius, Lab Manager

teg

TRANSGLOBAL
ENVIRONMENTAL
GEOCHEMISTRY

16 December 2005

Mr. Dennis Laduzinsky
Northgate Environmental Management, Inc.
300 Frank H. Ogawa Plaza, Suite 510
Oakland, CA 94612

SUBJECT: DATA REPORT - Northgate Environmental Management, Inc. Project #1152.03
Jordan Ranch - Dublin, California

TEG Project # 51201D

Mr. Laduzinsky:

Please find enclosed a data report for the samples analyzed from the above referenced project for Northgate Environmental Management, Inc. The samples were analyzed on site in TEG's mobile laboratory. TEG conducted a total of 12 analyses on 12 soil vapor samples.

-- 12 analyses on soil vapors for selected volatile organic hydrocarbons by EPA method 8260B.

The results of the analyses are summarized in the enclosed tables.

1,1 difluoroethane was used as a leak check compound around the probe rods during the soil vapor sampling. No 1,1 difluoroethane was detected in any of the vapor samples reported at or above the DTSC recommended leak check compound reporting limit of 10 ug/L of vapor.

TEG appreciates the opportunity to have provided analytical services to Northgate Environmental Management, Inc. on this project. If you have any further questions relating to these data or report, please do not hesitate to contact us.

Sincerely,

Mark Jerpbak
Director, TEG-Northern California

teg

Northgate Environmental Management
Project # 1152.03
Jordan Ranch, Dublin, California

TEG Project #51201D

BTEX, Oxygenates, 1,2 DCA, Naphthalene, & TPH (EPA method 8260B) Analyses of SOIL VAPOR in ug/L of Vapor

SAMPLE NUMBER:		Blank	SV-1	SV-1	SV-1	SV-2	SV-2 Dup	SV-3
SAMPLE DEPTH (feet):			5.0	5.0	5.0	2.5	2.5	8.0
PURGE VOLUME:			1	3	7	1	1	1
COLLECTION DATE:		12/01/05	12/01/05	12/01/05	12/01/05	12/01/05	12/01/05	12/01/05
COLLECTION TIME:		10:15	10:37	10:57	11:17	11:47	12:21	12:03
DILUTION FACTOR:		1	1	1	1	1	1	1
	RL							
Benzene	0.10	nd	0.10	nd	nd	0.14	0.11	nd
Toluene	0.10	nd	0.24	0.21	0.19	0.29	0.24	0.13
Ethylbenzene	0.10	nd	nd	nd	nd	nd	nd	nd
Total Xylenes	0.10	nd	0.17	0.16	0.15	0.15	0.13	0.12
Tert-Butanol (TBA)	0.50	nd	nd	nd	nd	nd	nd	nd
Methyl-t-butyl ether (MTBE)	0.10	nd	nd	nd	nd	nd	nd	nd
Diisopropyl ether (DIPE)	0.10	nd	nd	nd	nd	nd	nd	nd
Ethyl-t-butyl ether (ETBE)	0.10	nd	nd	nd	nd	nd	nd	nd
Tert-amyl methyl ether (TAME)	0.10	nd	nd	nd	nd	nd	nd	nd
1,2 Dichloroethane (1,2 DCA)	0.10	nd	nd	nd	nd	nd	nd	nd
Naphthalene	0.10	nd	nd	nd	nd	nd	nd	nd
TPH	5.0	nd	nd	nd	nd	nd	nd	nd
Surrogate Recovery:								
DBFM		124%	127%	125%	126%	128%	126%	126%
1,2-DCA-d4		121%	125%	124%	127%	124%	123%	121%
Toluene-d8		127%	127%	127%	128%	125%	127%	126%

'nd' INDICATES NOT DETECTED AT LISTED REPORTING LIMITS
'RL' INDICATES REPORTING LIMITS

ANALYSES PERFORMED IN TEG-Northern California's LAB
ANALYSES PERFORMED BY: Mr. John Henkelman

11350 Monier Park Place, Rancho Cordova, CA 95742 Phone: (916) 853-8010 Fax: (916) 853-8020

teg

Northgate Environmental Management
Project # 1152.03
Jordan Ranch, Dublin, California

TEG Project #51201D

BTEX, Oxygenates, 1,2 DCA, Naphthalene, & TPH (EPA method 8260B) Analyses of SOIL VAPOR in ug/L of Vapor

SAMPLE NUMBER:		SV-4	SV-5	SV-6	SV-7	SV-8	SV-9
SAMPLE DEPTH (feet):		8.0	8.0	8.0	8.0	8.0	8.0
PURGE VOLUME:		1	1	1	1	1	1
COLLECTION DATE:		12/01/05	12/01/05	12/01/05	12/01/05	12/01/05	12/01/05
COLLECTION TIME:		12:42	13:03	13:25	13:47	14:35	14:55
DILUTION FACTOR:		1	1	1	1	1	1
	RL						
Benzene	0.10	nd	nd	nd	nd	nd	nd
Toluene	0.10	0.17	0.14	0.18	0.15	0.13	nd
Ethylbenzene	0.10	nd	nd	nd	nd	nd	nd
Total Xylenes	0.10	0.13	0.10	0.12	0.11	0.11	0.10
Tert-Butanol (TBA)	0.50	nd	nd	nd	nd	nd	nd
Methyl-t-butyl ether (MTBE)	0.10	nd	nd	nd	nd	nd	nd
Diisopropyl ether (DIPE)	0.10	nd	nd	nd	nd	nd	nd
Ethyl-t-butyl ether (ETBE)	0.10	nd	nd	nd	nd	nd	nd
Tert-amyl methyl ether (TAME)	0.10	nd	nd	nd	nd	nd	nd
1,2 Dichloroethane (1,2 DCA)	0.10	nd	nd	nd	nd	nd	nd
Naphthalene	0.10	nd	nd	nd	nd	nd	nd
TPH	5.0	nd	nd	nd	nd	nd	nd
Surrogate Recovery:							
DBFM		131%	130%	127%	128%	128%	129%
1,2-DCA-d4		123%	125%	121%	122%	126%	125%
Toluene-d8		128%	129%	127%	128%	127%	127%

'nd' INDICATES NOT DETECTED AT LISTED REPORTING LIMITS
'RL' INDICATES REPORTING LIMITS

ANALYSES PERFORMED IN TEG-Northern California's LAB
ANALYSES PERFORMED BY: Mr. John Henkelman

11350 Monier Park Place, Rancho Cordova, CA 95742 Phone: (916) 853-8010 Fax: (916) 853-8020

APPENDIX B
Boring Logs

northgate
environmental management, inc.
300 Frank H. Ogawa Plaza
Oakland CA 94612
Telephone: (510) 839 0688
Fax: (510) 839 4350

WELL NUMBER MW-1

PROJECT NAME Jordan Ranch
BORING LOCATION
PROJECT NUMBER 1152.02
PROJECT LOCATION Dublin, California
DATE STARTED 12/2/05 **COMPLETED** 12/2/05
GROUND ELEVATION **HOLE SIZE** 8"
DRILLING CONTRACTOR Exploration Geoservices
GROUND WATER LEVELS: ▽ **AT TIME OF DRILLING** 27.0 ft
DRILLING METHOD Hollow Stem Auger
▼ **AFTER DRILLING** 23.0 ft **AT END OF DRILLING** ---
LOGGED BY JWO **CHECKED BY** DML
SURFACE CONDITIONS: Asphalt
NOTES: Standard Penetration Test Sampler

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
1					Asphalt
2					SILTY CLAY (CL); moist, yellowish brown, stiff, no odor, trace fine sand.
3					
4		5-6-6			
5					
6			CL		
7					
8					
9		5-6-7			
10					
11					Same as above.
12					
13					
14		6-10-10			SANDY CLAY (CL), very stiff, moist, yellowish brown, no odor, trace gravel, 1/2"-, rounded to well rounded.
15					
16			CL		
17					
18					Color becomes yellowish brown mottled with tan, rock fragments, subangular.
19		5-6-9			
20					SILTY SAND (SM); moist to very moist, medium dense, brown.
21					
22					
23				▼	
24		7-10-18			
25			SM		
26					Same, less silt, becomes saturated.
27				▽	
28					
29		10-16-23			
30					
					Bottom of borehole at 30.0 feet.

WELL DIAGRAM: Concrete Seal; Bentonite; #3 Sand Pack; 020 Slot Screen

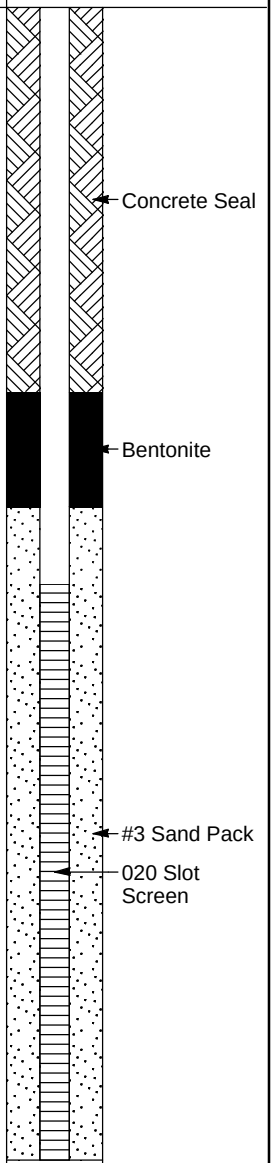
GENERAL NORTHGATE ENVIRONMENTAL BORING LOGS - 1152.GPJ GINT US.GDT 12/13/05

northgate
environmental management, inc.
300 Frank H. Ogawa Plaza
Oakland CA 94612
Telephone: (510) 839 0688
Fax: (510) 839 4350

WELL NUMBER MW-2

PROJECT NAME Jordan Ranch
BORING LOCATION
PROJECT NUMBER 1152.02
PROJECT LOCATION Dublin, California
DATE STARTED 12/1/05 **COMPLETED** 12/1/05
GROUND ELEVATION **HOLE SIZE** 8"
DRILLING CONTRACTOR Exploration Geoservices
GROUND WATER LEVELS: ▽ **AT TIME OF DRILLING** 25.0 ft
DRILLING METHOD Hollow Stem Auger
AFTER DRILLING --- **AT END OF DRILLING** ---
LOGGED BY JWO **CHECKED BY** DML
SURFACE CONDITIONS: Asphalt
NOTES: Standard Penetration Test Sampler

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
1					Asphalt
2					Baserock
3					SILTY CLAY (CL); yellowish brown, stiff, no odor, some fine sand.
4					
5					
6					
7					
8					
9					
10		4-6-7	CL		
11					Becomes very stiff
12					
13					
14					
15		5-7-13			
16					
17					SANDY CLAY (CL); yellowish brown, no odor, medium stiff to stiff.
18					
19					
20		3-4-6			
21			CL		
22					
23					Becomes siltier, stiff to very stiff, trace gravel, possible slight hydrocarbon odor.
24					
25		3-6-10	GW		GRAVEL (GW); well graded, saturated. ▽
26					SILTY CLAY (CL); stiff, moist, green, slight hydrocarbon odor, trace sand and gravel.
27			CL		
28					
29					
30		5-7-13	CL		SILTY CLAY (CL); very stiff to hard, moist, yellowish brown, no odor.
					Bottom of borehole at 30.0 feet.



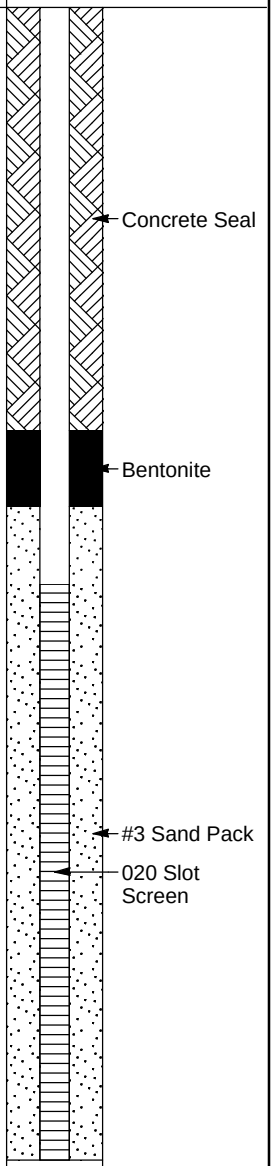
GENERAL NORTHGATE ENVIRONMENTAL BORING LOGS - 1152.GPJ GINT US.GDT 12/13/05

northgate
environmental management, inc.
300 Frank H. Ogawa Plaza
Oakland CA 94612
Telephone: (510) 839 0688
Fax: (510) 839 4350

WELL NUMBER MW-3

PROJECT NAME Jordan Ranch
BORING LOCATION
PROJECT NUMBER 1152.02
PROJECT LOCATION Dublin, California
DATE STARTED 12/1/05 **COMPLETED** 12/1/05
GROUND ELEVATION **HOLE SIZE** 8"
DRILLING CONTRACTOR Exploration Geoservices
GROUND WATER LEVELS: **AT TIME OF DRILLING** ---
DRILLING METHOD Hollow Stem Auger
AFTER DRILLING --- **AT END OF DRILLING** ---
LOGGED BY JWO **CHECKED BY** DML
SURFACE CONDITIONS: Asphalt
NOTES: Standard Penetration Test Sampler

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
1					Asphalt
					Basement
					SILTY CLAY (CL); medium stiff to stiff, slightly moist, dark gray.
5					Becomes dark brown.
6					Becomes light brown to brown.
9		8-8-9	CL		Same; stiff to very stiff, no odor.
12					Color becomes light gray, trace fine gravel.
14		5-9-10			
17					CLAYEY SILT (ML); yellowish brown, moist.
19		5-10-14	ML		
21					SILTY CLAY (CL); medium plasticity, light brown, trace gravel, moist, stiff, no odor.
24		5-6-14	CL		Very thin (<1-2"), seam of green staining, no perceptible hydrocarbon odor.
27					SILTY CLAY (CL); very stiff, slightly moist, yellowish brown.
29		10-11-14	CL		
30					Bottom of borehole at 30.0 feet.



GENERAL NORTHGATE ENVIRONMENTAL BORING LOGS - 1152.GPJ GINT US.GDT 12/13/05

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WELL NUMBER MW-4

PROJECT NAME Jordan Ranch
BORING LOCATION
PROJECT NUMBER 1152.02
PROJECT LOCATION Dublin, California
DATE STARTED 12/2/05 **COMPLETED** 12/2/05
GROUND ELEVATION **HOLE SIZE** 8"
DRILLING CONTRACTOR Exploration Geoservices
GROUND WATER LEVELS: ▽ **AT TIME OF DRILLING** 25.0 ft
DRILLING METHOD Hollow Stem Auger
AFTER DRILLING --- **AT END OF DRILLING** ---
LOGGED BY JWO **CHECKED BY** DML
SURFACE CONDITIONS: Leaves and gravel
NOTES: Standard Penetration Test Sampler

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
1					Leaves and gravel
2					SANDY SILT (ML); some clay, stiff to very stiff, slightly moist, yellowish brown, trace fine sand and gravel.
3					
4					
5			ML		
6					
7					
8					
9					
10		5-11-13			SILTY CLAY (CL); very stiff, slightly moist, yellowish brown, no odor, trace gravel.
11					
12					
13					
14		7-12-13			
15					
16			CL		Same as above, less gravel.
17					
18					
19		5-9-9			
20					
21					
22					
23					CLAYEY SILT (ML); moist toward 25 ft with some sand.
24		4-7-9			
25			ML	▽	
26					
27					
28					SILTY CLAY (CL); stiff to very stiff, moist, yellowish brown, no odor, trace sand.
29		7-10-18	CL		
30					Bottom of borehole at 30.0 feet.

WELL DIAGRAM: Concrete Seal; Bentonite; #3 Sand Pack; 020 Slot Screen

GENERAL NORTHGATE ENVIRONMENTAL BORING LOGS - 1152.GPJ GINT US.GDT 12/13/05

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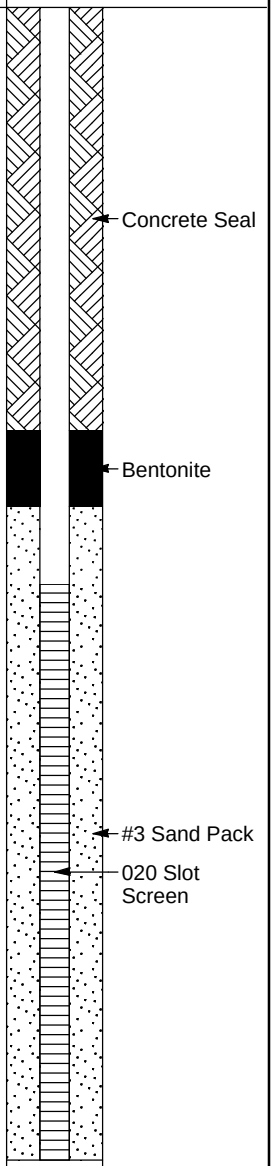
WELL NUMBER MW-5

PROJECT NAME Jordan Ranch
BORING LOCATION
PROJECT NUMBER 1152.02
PROJECT LOCATION Dublin, California
DATE STARTED 12/2/05 **COMPLETED** 12/2/05
GROUND ELEVATION **HOLE SIZE** 8"
DRILLING CONTRACTOR Exploration Geoservices
GROUND WATER LEVELS: **AT TIME OF DRILLING** ---
DRILLING METHOD Hollow Stem Auger
AFTER DRILLING --- **AT END OF DRILLING** ---
LOGGED BY JWO **CHECKED BY** DML
SURFACE CONDITIONS: Asphalt
NOTES: Standard Penetration Test Sampler

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
1					Asphalt
2					SILTY CLAY (CL); dry to slightly moist, stiff to very stiff, light brown, trace sand and gravel, no odor.
3					
4					
5					
6					
7					
8					
9					
10		6-9-14	CL		
11					
12					Same as above, color becomes light brown with gray veining.
13					
14					
15		6-9-10			
16					
17					
18					
19					SILTY CLAY (CL); moist, slight hydrocarbon odor, mottled greenish brown and green.
20		3-5-8	CL		
21					SILTY CLAY (CL); stiff, moist, greenish brown, slight hydrocarbon odor.
22					
23					
24					
25		6-8-10	CL		
26					
27					
28					SILTY CLAY (CL); very stiff, moist, brown, no odor.
29					
30		5-8-14	CL		
					Bottom of borehole at 30.0 feet.



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BORING NUMBER NG-1

PROJECT NAME Jordan Ranch
BORING LOCATION
PROJECT NUMBER 1152.02
PROJECT LOCATION Dublin, California
DATE STARTED 11/17/05 **COMPLETED** 11/17/05
GROUND ELEVATION **HOLE SIZE** 6"
DRILLING CONTRACTOR Exploration Geoservices
GROUND WATER LEVELS: ▽ **AT TIME OF DRILLING** 17.3 ft
DRILLING METHOD Hollow Stem Auger
AFTER DRILLING --- **AT END OF DRILLING** ---
LOGGED BY JWO **CHECKED BY** DML
SURFACE CONDITIONS: Gravel/dirt
NOTES: 2-inch I.D. CA Modified Sampler

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
1			CL		Gravel/dirt Fill; SANDY CLAY (CL); slightly moist, light yellowish brown, no odors.
2					
3					
4		2-2-3			
5					Fill; SANDY CLAY (CL); moist, mottled dark brown and green, hydrocarbon odors.
6			CL		
7					
8					
9		4-5-4			
10					
11					
12					SANDY CLAY (CL); stiff, slightly moist, grayish brown, gasoline/hydrocarbon odor.
13					
14		9-10-14			
15	NG-1-14.5		CL		
16					
17					
18					▽ Becomes more sandy, moist to very moist.
19		3-4-5			
20	NG-1-19.5		SC		CLAYEY SAND (SC); saturated, greenish brown, hydrocarbon color.
					Bottom of borehole at 20.0 feet.

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BORING NUMBER NG-2

PROJECT NAME Jordan Ranch
BORING LOCATION
PROJECT NUMBER 1152.02
PROJECT LOCATION Dublin, California
DATE STARTED 11/17/05 **COMPLETED** 11/17/05
GROUND ELEVATION **HOLE SIZE** 6"
DRILLING CONTRACTOR Exploration Geoservices
GROUND WATER LEVELS: **AT TIME OF DRILLING** ---
DRILLING METHOD Hollow Stem Auger
AFTER DRILLING 21.0 ft **AT END OF DRILLING** ---
LOGGED BY JWO **CHECKED BY** DML
SURFACE CONDITIONS: Asphalt
NOTES: 2-inch I.D. CA Modified Sampler

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
1					Asphalt
2					SILTY CLAY (CL); stiff, dark brown, slightly moist, no odor.
3			CL		
4	NG-2-4.5	7-8-9			
5					
6					SANDY CLAY (CL); stiff, slightly moist, light yellowish brown, no odor.
7					
8					
9					
10	NG-2-9.5	8-9-11			
11					
12			CL		
13					
14					
15	NG-2-14.5	9-11-15			
16					
17					
18					
19					Same, stiff, moist, greenish brown, slight hydrocarbon odor.
20	NG-2-19.5	9-11-12			
21					20 minutes after drilling.
22			CL		Becomes very moist to saturated, moderate hydrocarbon odor.
23					
24					
25	NG-2-24.5	6-7-8			
					Bottom of borehole at 25.0 feet.

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BORING NUMBER NG-3

PROJECT NAME Jordan Ranch
BORING LOCATION
PROJECT NUMBER 1152.02
PROJECT LOCATION Dublin, California
DATE STARTED 11/17/05 **COMPLETED** 11/17/05
GROUND ELEVATION **HOLE SIZE** 6"
DRILLING CONTRACTOR Exploration Geoservices
GROUND WATER LEVELS: ▽ **AT TIME OF DRILLING** 22.5 ft
DRILLING METHOD Hollow Stem Auger
AFTER DRILLING --- **AT END OF DRILLING** ---
LOGGED BY JWO **CHECKED BY** DML
SURFACE CONDITIONS: Asphalt
NOTES: 2-inch I.D. CA Modified Sampler

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
1					Asphalt
2					SILTY CLAY (CL); medium stiff, slightly moist, dark brown, no odor, trace coarse sand/fine gravels, rounded.
3					
4					
5	NG-3-4.5	4-7-9			
6					
7					
8					
9					
10	NG-3-9.5	4-7-8	CL		Color becomes light yellowish brown, trace sand, no odors.
11					
12					
13					
14					
15	NG-3-14.5	4-8-7			Color becomes brown mottled with greenish brown.
16					
17					
18					
19			SC		Lense of CLAYEY SAND (SC).
20	NG-3-19.5	6-9-12			Interlayered SANDY CLAY (CL) AND CLAYEY SAND (SC); moist to saturated, greenish brown, moderate hydrocarbon odor.
21					
22					
23			CL	▽	
24					
25	NG-3-24.5	10-11-12			Bottom of borehole at 25.0 feet.

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BORING NUMBER NG-4

PROJECT NAME Jordan Ranch
BORING LOCATION
PROJECT NUMBER 1152.02
PROJECT LOCATION Dublin, California
DATE STARTED 11/17/05 **COMPLETED** 11/17/05
GROUND ELEVATION **HOLE SIZE** 6"
DRILLING CONTRACTOR Exploration Geoservices
GROUND WATER LEVELS: ▽ **AT TIME OF DRILLING** 21.5 ft
DRILLING METHOD Hollow Stem Auger
▼ **AFTER DRILLING** 18.8 ft **AT END OF DRILLING** ---
LOGGED BY JWO **CHECKED BY** DML
SURFACE CONDITIONS: Asphalt
NOTES: 2-inch I.D. CA Modified Sampler

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
0					Asphalt
1–3			CL		SILTY CLAY (CL); slightly moist, dark brown, no odor, trace sand.
4–5	NG-4-4.5	4-9-10			
6–8					
9–10	NG-4-9.5	7-9-11			Becomes light brown with light gray veining, increased sand content (5-10%).
11–12					
12–13			CL		SANDY CLAY (CL); moist, light greenish brown, musty odor.
14–15	NG-4-14.5	9-10-14			
16–17			CL		SILTY CLAY (CL); medium stiff, moist, greenish brown, no odors.
18–19	NG-4-18.5	6-7-8			▼
20–22					▽
23					
24–25	NG-4-24.5	10-12-15	CL		SILTY CLAY (CL); stiff to very stiff, brown, slight hydrocarbon odor.
					Bottom of borehole at 25.0 feet.

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BORING NUMBER NG-5

PROJECT NAME Jordan Ranch
BORING LOCATION
PROJECT NUMBER 1152.02
PROJECT LOCATION Dublin, California
DATE STARTED 11/17/05 **COMPLETED** 11/17/05
GROUND ELEVATION **HOLE SIZE** 6"
DRILLING CONTRACTOR Exploration Geoservices
GROUND WATER LEVELS: **AT TIME OF DRILLING** ---
DRILLING METHOD Hollow Stem Auger
▼ **AFTER DRILLING** 18.2 ft **AT END OF DRILLING** ---
LOGGED BY JWO **CHECKED BY** DML
SURFACE CONDITIONS: Asphalt
NOTES: 2-inch I.D. CA Modified Sampler

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
0					Asphalt
1–3			CL		SILTY CLAY (CL); stiff, slightly moist to moist, dark brown, no odor.
4–5	NG-5-4.5	6-8-10			
6–8					Color becomes light yellowish brown, trace sand, moderate hydrocarbon odor.
9–10	NG-5-9.5	3-6-10			
11–13					
13			SC		CLAYEY SAND (SC); moist, brown, hydrocarbon odor, fine grained sand.
14			CL		SILTY CLAY (CL); moist, light yellowish brown, hydrocarbon odor.
14–15	NG-5-14.5	6-9-10	SW		GRAVELLY SAND (SW) with fines; very moist, brown, hydrocarbon odor, medium to coarse grained sand; gravel is 1.5"-, rounded to subrounded.
16–17					SANDY CLAY (CL); very moist, light yellowish brown, hydrocarbon odor, trace gravel up to 1"-, rounded.
18			CL		▼
19–20	NG-5-19.5	4-6-8	SW		Same as above.
20					Bottom of borehole at 20.0 feet.

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BORING NUMBER NG-6

PROJECT NAME Jordan Ranch
BORING LOCATION
PROJECT NUMBER 1152.02
PROJECT LOCATION Dublin, California
DATE STARTED 11/17/05 **COMPLETED** 11/17/05
GROUND ELEVATION **HOLE SIZE** 6"
DRILLING CONTRACTOR Exploration Geoservices
GROUND WATER LEVELS: **AT TIME OF DRILLING** ---
DRILLING METHOD Hollow Stem Auger
AFTER DRILLING --- **AT END OF DRILLING** ---
LOGGED BY JWO **CHECKED BY** DML
SURFACE CONDITIONS: Dirt/gravel
NOTES: 2-inch I.D. CA Modified Sampler. No free groundwater encountered

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
0					Dirt/gravel
1–3			CL		SILTY CLAY (CL); moist, dark brown, no odor.
4–5	NG-6-4.5	10-15-14	CL		SANDY CLAY (CL); very stiff, slightly moist, yellowish brown, no odor.
6–8			CL		
9–10	NG-6-9.5	7-9-11	CL		Color becomes brown with light gray veining, trace gravel is 1"-, rounded to well rounded.
11–13			CL		
14–15	NG-6-14.5	9-11-13	CL		SILTY CLAY (CL); stiff, slightly moist, brown, no odor, trace fine to medium sand.
16–18			CL		
19–20	NG-6-19.5	10-12-16	CL		Becomes approximately 10% fine sand.
21–23			CL		
24–25	NG-6-24.5	11-17-20	CL		No free groundwater encountered.
					Bottom of borehole at 25.0 feet.

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BORING NUMBER NG-8

PROJECT NAME Jordan Ranch
BORING LOCATION
PROJECT NUMBER 1152.02
PROJECT LOCATION Dublin, California
DATE STARTED 12/1/05 **COMPLETED** 12/1/05
GROUND ELEVATION **HOLE SIZE** 8"
DRILLING CONTRACTOR Exploration Geoservices
GROUND WATER LEVELS: ▽ **AT TIME OF DRILLING** 18.9 ft
DRILLING METHOD Hollow Stem Auger
AFTER DRILLING --- **AT END OF DRILLING** ---
LOGGED BY JWO **CHECKED BY** DML
SURFACE CONDITIONS:
NOTES: Standard Penetration Test Sampler

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
1–8			CL		SILTY CLAY (CL); dry, very stiff, no odor, light brown with light gray veining.
9–10		9-18-20			
10–15					Same, increased silt content, slightly moist to moist, trace gravel.
14–15		5-9-13			
16–18					SAND (SW); very moist to saturated, light brown, no odor.
19–20		9-15-18	SW		▽
					Bottom of borehole at 20.0 feet.

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BORING NUMBER NG-9

PROJECT NAME Jordan Ranch
BORING LOCATION
PROJECT NUMBER 1152.02
PROJECT LOCATION Dublin, California
DATE STARTED 12/2/05 **COMPLETED** 12/2/05
GROUND ELEVATION **HOLE SIZE** 8"
DRILLING CONTRACTOR Exploration Geoservices
GROUND WATER LEVELS: **AT TIME OF DRILLING** ---
DRILLING METHOD Hollow Stem Auger
AFTER DRILLING --- **AT END OF DRILLING** ---
LOGGED BY JWO **CHECKED BY** DML
SURFACE CONDITIONS:
NOTES: Standard Penetration Test Sampler

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
1			CL		SILTY CLAY (CL); dry, light brown, very stiff, no odors.
2					
3					
4					
5					
6					
7					
8					
9					
10		9-10-14			
11					
12					
13					
14					Becomes stiff to very stiff, moist, trace gravel.
15		7-9-12			
16					
17					
18					
19					
20		5-9-15			Same as above.
21					
22			ML		CLAYEY SILT (ML); very stiff, very moist, yellowish brown, no odor.
23					
24					
25		7-12-2			Bottom of borehole at 25.0 feet.

APPENDIX C
Well Development and Sampling Logs

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well Development

WATER-QUALITY SAMPLING LOG

Project No. 1152.04 Date _____ Page _____ of _____
Project Name JORDAN RANCH Sampling Location _____
Sampler's Name _____ Sample No _____ FB _____
Sampling Plan By _____ Dated _____ COC No _____ DUP ____
Purge Method: ___ Centrifugal Pump ___ Disposable Bailer ___ Hand Bail ___Submersible Pump ___ Teflon Bailer ___ Other

Purge Water Storage Container Type _____ Storage Location _____
Date Purge Water Disposed _____ Where Disposed _____

Analyses Requested	No. and Type of Botles Used

Lab Name _____
Delivery By: Courier _____ Hand _____

Well No. MW-1 Depth of Water 19.11
Well Diameter: 2 Well Depth ~~Pre 30 Post 32.4~~
__ 2" (0.16 gal/feet) __ 5" (1.02 gal/feet) Water Column Height _____
__ 4" (0.65 gal/feet) __ 6" (1.47 gal/feet) Well Volume 2.1

TWD
Pre 27.6
Post 29.7

80% DTW _____

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	Totalizer Reading	Temperature (c)	pH (SU)	Cond (mhos)	Turb (NTU)	Remarks
10 AM	START Development				MUDDY				
1005	pump DRY AFTER 5 gal.								
NO	START Recovery + Surge.								
1015	pump OUT 2 gal.				MUDDY				
	Recovery + Surge								
1030	pump out 2 gal.				Cloudy				
	Recovery + Surge.								
1045	pump out 2 gal.				cloudy				
	Recovery No Surge								
1100	pump out 2 gal				clearing				
1130	pump out 4 gal.				Clearing				
12—	Pump out 4 gal				Clearing				
	Development Complete.								
									TOTAL well Depth AFTER Development
									32.4

Comments

well Development

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WATER-QUALITY SAMPLING LOG

Project No. 1152.04 Date 12-5-05 Page _____ of _____
Project Name Jordan Ranch Sampling Location _____
Sampler's Name _____ Sample No _____ FB _____
Sampling Plan By _____ Dated _____ COC No _____ DUP _____
Purge Method: ___ Centrifugal Pump ___ Disposable Bailer ___ Hand Bail ___Submersible Pump ___ Teflon Bailer ___ Other

Purge Water Storage Container Type _____ Storage Location _____
Date Purge Water Disposed _____ Where Disposed _____

Analyses Requested	No. and Type of Botles Used

Lab Name _____
Delivery By: Courier _____ Hand _____

Well No. MW-2 Depth of Water 18.01
Well Diameter: 2 Well Depth 29.91
✓ 2" (0.16 gal/feet) __ 5" (1.02 gal/feet) Water Column Height _____
__ 4" (0.65 gal/feet) __ 6" (1.47 gal/feet) Well Volume 1.9

80% DTW _____

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	Totalizer Reading	Temperature (c)	pH (SU)	Cond (mhos)	Turb (NTU)	Remarks
14:30		START Development						Muddy Stinky Bore.	
1445		Pump out	15 gal			muddy		Clearing well.	
		~~Parking well open and~~				Holding		pumped dry @ 1.5 gpm	
~~1455~~		Recovery	+ Surge						
1455		Pump out	3 gal.					Smelly (gas)	
1500		Recovery	+ Surge						
1515		pump out	6 gal.					Smelly (gas)	
1520		Recovery	+ Surge						
1530		pump out	5 gal						
		Development complete							30 gal Total

Comments

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well Development

WATER-QUALITY SAMPLING LOG

Project No. 1152.07 Date 12-5-05 Page _____ of _____
Project Name Jordan Ranch Sampling Location _____
Sampler's Name _____ Sample No _____ FB _____
Sampling Plan By _____ Dated _____ COC No _____ DUP ____
Purge Method: ___ Centrifugal Pump ___ Disposable Bailer ___ Hand Bail ___ Submersible Pump ___ Teflon Bailer ___ Other

Purge Water Storage Container Type _____ Storage Location _____
Date Purge Water Disposed _____ Where Disposed _____

Analyses Requested	No. and Type of Botles Used

Lab Name _____
Delivery By: Courier _____ Hand _____

Well No. MW-3 Depth of Water 16.49
Well Diameter: 2" Well Depth 29.82
__ 2" (0.16 gal/feet) __ 5" (1.02 gal/feet) Water Column Height _____
__ 4" (0.65 gal/feet) __ 6" (1.47 gal/feet) Well Volume 2.2

80% DTW _____

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	Totalizer Reading	Temperature (c)	pH (SU)	Cond (mhos)	Turb (NTU)	Remarks
12-		START		Development			WATER		~~Done~~.
1215		PUMP OUT			5 gal		Cloudy DRY		
1400		RECOVERY			no water		water level up .6'		
			Bad						

Comments

well Development

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WATER-QUALITY SAMPLING LOG

Project No. 1152.02 Date 12-5-05 Page _____ of _____
Project Name Jordan Ranch Sampling Location _____
Sampler's Name _____ Sample No _____ FB _____
Sampling Plan By _____ Dated _____ COC No _____ DUP _____
Purge Method: ___ Centrifugal Pump ___ Disposable Bailer ___ Hand Bail ___ Submersible Pump ___ Teflon Bailer ___ Other

Purge Water Storage Container Type _____ Storage Location _____
Date Purge Water Disposed _____ Where Disposed _____

Analyses Requested	No. and Type of Botles Used

Lab Name _____
Delivery By: Courier _____ Hand _____

Well No. MW-4 Depth of Water 18.62
Well Diameter: 2 Well Depth ~~30~~ 29.75
__ 2" (0.16 gal/feet) __ 5" (1.02 gal/feet) Water Column Height _____
__ 4" (0.65 gal/feet) __ 6" (1.47 gal/feet) Well Volume 1.8

80% DTW _____

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	Totalizer Reading	Temperature (c)	pH (SU)	Cond (mhos)	Turb (NTU)	Remarks
1300		START Development							
		pump out		7 gal		muddy			
1305		Recovery		surge					
1315		pump out		~~2~~ 3 gal		Cloudy			
		Recov		surg					
1330		pump out		2 gal		Cloudy			
		Recovery		surge					
1345		pump out		2 gal		clearing			
		Recovery		no surge					
1400		purge		out 2 gal					
		Development complete						less .25 gpm	
									TWD
									~~32.45~~
									29.75

Comments

well Development

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WATER-QUALITY SAMPLING LOG

Project No. 1152.02 Date 12.5.05 Page _____ of _____
Project Name Jordan Ranch Sampling Location _____
Sampler's Name _____ Sample No _____ FB _____
Sampling Plan By _____ Dated _____ COC No _____ DUP ____
Purge Method: ___ Centrifugal Pump ___ Disposable Bailer ___ Hand Bail ___Submersible Pump ___ Teflon Bailer ___ Other

Purge Water Storage Container Type _____ Storage Location _____
Date Purge Water Disposed _____ Where Disposed _____

Analyses Requested	No. and Type of Botles Used

Lab Name _____
Delivery By: Courier _____ Hand _____

Well No. MW-5 Depth of Water 16.41
Well Diameter: 2 Well Depth ~~30?~~ 29.75
__ 2" (0.16 gal/feet) __ 5" (1.02 gal/feet) Water Column Height _____
__ 4" (0.65 gal/feet) __ 6" (1.47 gal/feet) Well Volume 2.2

80% DTW _____

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	Totalizer Reading	Temperature (c)	pH (SU)	Cond (mhos)	Turb (NTU)	Remarks
1545		START Development						muddy	(STINKY) (gas)
1555		pumped OUT Recovery + Surge		10 gal	@	2.7pm		DRY	
1600		pump OUT Recovery Surge.		3 gal			Cloudy		smelly
1610		pump OUT Recovery		~~3~~ gal. No Surge					smelly
1620		pump OUT Recovery		4 gal					
1630		pump out		4 gal.					
1640		pump out		4 ~~gal~~					30 gal.

Comments

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WATER-QUALITY SAMPLING LOG

Project No. 1152.024 Date 12-6-05 Page _____ of _____
Project Name Jordan Ranch Sampling Location _____
Sampler's Name ML Sample No _____ FB _____
Sampling Plan By _____ Dated _____ COC No _____ DUP _____
Purge Method: ___ Centrifugal Pump X Disposable Bailer ___ Hand Bail ___ Submersible Pump ___ Teflon Bailer X Other peristaltic pump

Purge Water Storage Container Type bucket → Storage Location _____
Date Purge Water Disposed _____ Where Disposed _____

Analyses Requested	No. and Type of Botles Used
TPH-gas, VOCs	
oxygenates	

Lab Name McCampbell - Pacheco
Delivery By: Courier _____ Hand _____

Well No. MW-1 Depth of Water ~~30.08~~ 17.08
Well Diameter: 2 Well Depth ~~30~~ ~~29.7~~
X" (0.16 gal/feet) __ 5" (1.02 gal/feet) Water Column Height 13
__ 4" (0.65 gal/feet) __ 6" (1.47 gal/feet) Well Volume 2.1
13(.163) = 2.1 3 casings

80% DTW _____

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	DO Totalizer Reading	Temperature (c)	pH (SU)	Cond (mhos)	~~TDS~~ Turb (~~NTU~~)	Remarks
904	25ft		initial	3.92	11.64	6.79	1.72	~~TD~~	pumped @ 400 ml/min
907			1/2 gal	2.7	18.04	6.79	1.74	clear.	
912			1 gal	2.36	18.27	6.85	1.65		pumped @
919			1 1/2 gal	2.13	19.03	6.8	1.71		pump 1 l/min
922			2 gal	2.03	18.51	6.79	1.71		
926			2 1/2 gal	1.98	19.18	6.77	1.74		
929			3 gal	2.44	19.18	6.76	1.73		
936			3 1/2 gal	2.05	19.23	6.76	1.74		
941			4 gal	1.85	19.54	6.72	1.76		
945			4 1/2 gal	1.54	19.7	6.7	1.73		
948			5 gal	1.45	19.59	6.7	1.72		
951			5 1/2 gal	1.36	19.76	6.7	1.71		
953			6 gal	1.35	19.76	6.7	1.71		

Comments

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WATER-QUALITY SAMPLING LOG

Project No. 1152.04 Date 12-6-05 Page _____ of _____
Project Name Jordan Ranch Sampling Location _____
Sampler's Name ML Sample No _____ FB _____
Sampling Plan By _____ Dated _____ COC No _____ DUP _____
Purge Method: ___ Centrifugal Pump ___ Disposable Bailer X Hand Bail ___Submersible Pump ___ Teflon Bailer ___ Other

Purge Water Storage Container Type drum Storage Location Jordan Ranch
Date Purge Water Disposed _____ Where Disposed _____

Analyses Requested	No. and Type of Botles Used

Lab Name _____
Delivery By: Courier _____ Hand _____

Well No. MW-2 Depth of Water 18.01
Well Diameter: 2 Well Depth 29.92
__ 2" (0.16 gal/feet) __ 5" (1.02 gal/feet) Water Column Height 12
__ 4" (0.65 gal/feet) __ 6" (1.47 gal/feet) Well Volume 2

80% DTW _____

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	~~Totalizer~~ DO Reading	Temperature (c)	pH (SU)	Cond (mhos)	Turb (NTU)	Remarks
1250			initial	3.68	19.91	6.39	2.55	cloudy	Odor of hydrocarbons
1252			½	4.09	19.83	6.42	2.66		silt on the bottom
1253			1	4.06	19.87	6.43	2.69		
1255			1½	3.93	19.57	6.43	2.66		
1256			2	4.25	19.5	6.44	2.65		
1259			2½	4.60	19.74	6.47	2.65		
1259			3	4.64	19.77	6.47	2.62	↓	
1300			3½	4.76	19.75	6.48	2.62		
1302			4	4.67	19.75	6.46	2.63		
1304			4½	4.02	19.57	6.46	2.62		
1307			5	3.90	19.44	6.45	2.61		
1312			5½	4.35	19.56	6.46	2.60		
1314			6	4.40	19.65	6.47	2.59	↓	waited to clear

Comments

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WATER-QUALITY SAMPLING LOG

Project No. 1152.04 Date 12.6.05 Page _____ of _____
Project Name Jordan Ranch Sampling Location _____
Sampler's Name ML Sample No _____ FB _____
Sampling Plan By _____ Dated _____ COC No _____ DUP _____
Purge Method: ___ Centrifugal Pump X Disposable Bailer ___ Hand Bail ___ Submersible Pump ___ Teflon Bailer X Other per. pump

Purge Water Storage Container Type bucket Storage Location _____
Date Purge Water Disposed _____ Where Disposed _____

Analyses Requested	No. and Type of Botles Used

Lab Name _____
Delivery By: Courier _____ Hand _____

Well No. MW-3 Depth of Water 17.35
Well Diameter: 2 Well Depth 29.82
__ 2" (0.16 gal/feet) __ 5" (1.02 gal/feet) Water Column Height 13
__ 4" (0.65 gal/feet) __ 6" (1.47 gal/feet) Well Volume 2.1
13(.163) = 2.1

80% DTW _____

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	DO ~~Totalizer~~ Reading	Temperature (c)	pH (SU)	Cond (mhos)	~~Turb~~ (NTU)	Remarks
1021	25ft		initial	7.12	18.27	6.84	2.54		purge @ 500 ml/min.
1022			1/4 gal	7.18	18.29	6.82	2.56		
1025			1/2 gal	7.18	18.31	6.82	2.56		
1026			1 gal	7.12	18.30	6.81	2.55		
1028			1 1/2 gal	7.27	18.45	6.77	2.48		
1030			1 3/4 gal	7.25	18.34	6.78	2.47		
1032			2 gal	7.21	18.49	6.77	2.46		
1035			2 1/4 gal	8.09	18.30	6.85	2.49		
1045			2 1/2	7.53	18.74	6.8	2.34		w/ bailer
1046			2 3/4 gal	7.48	18.78	6.8	2.35		well is dry
									wait for recovery of 80%
									Sampled well at at 85% recovery

Comments

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WATER-QUALITY SAMPLING LOG

Project No. 1152.04 Date 12-6-05 Page _____ of _____
Project Name Jordan Ranch Sampling Location _____
Sampler's Name ML Sample No _____ FB _____
Sampling Plan By DL Dated _____ COC No _____ DUP _____
Purge Method: ___ Centrifugal Pump X Disposable Bailer ___ Hand Bail ___ Submersible Pump ___ Teflon Bailer ___ Other

Purge Water Storage Container Type Drum Storage Location Jordan Ranch
Date Purge Water Disposed _____ Where Disposed _____

Analyses Requested	No. and Type of Botles Used

Lab Name _____
Delivery By: Courier _____ Hand _____

Well No. MW-4 Depth of Water 18.58
Well Diameter: 2 Well Depth 29.75
__ 2" (0.16 gal/feet) __ 5" (1.02 gal/feet) Water Column Height 12
__ 4" (0.65 gal/feet) __ 6" (1.47 gal/feet) Well Volume 2
12(.163) =

80% DTW _____

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	~~Totalizer~~ DO Reading	Temperature (c)	pH (SU)	Cond (mhos)	~~Turb~~ (NTU)	Remarks
1054	~~1gal~~	-		~~2.53~~	17.28	6.53	2.53	clear	
1056	½gal	↓		5.14 6.13	17.36	6.49	3.51	↓	
1057	1gal			6.14	17.28	6.45	2.03		
1058	1½			5.93	17.34	6.51	3.88		
1100	2 gal			5.93	17.40	~~6.47~~	2.73		
1103	2½gal			5.80	17.81	6.46			
1105	3gal			6.57	17.39	6.44	3.77		
~~1108~~	3½			5.06	17.42	6.47	3.36	↓	
1113	4			5.70	17.43	6.49	3.55	cloudy	
1115	~~4~~ 4½			5.14	17.37	6.48	3.40	cloudy	
1125	~~4~~				~~17.46~~				
1126	5			5.93	17.46	6.46	3.52		

Comments

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WATER-QUALITY SAMPLING LOG

Project No. 1152.04 Date 12-6-05 Page _____ of _____
Project Name Jordan Ranch Sampling Location MW-5
Sampler's Name ML Sample No _____ FB _____
Sampling Plan By DL Dated _____ COC No _____ DUP _____
Purge Method: ___ Centrifugal Pump X Disposable Bailer ~~X~~ Hand Bail ___Submersible Pump ___ Teflon Bailer ___ Other

Purge Water Storage Container Type ~~blue~~ drum Storage Location Jordan Ranch
Date Purge Water Disposed _____ Where Disposed _____

Analyses Requested	No. and Type of Botles Used
EPA 8260B VOCs, oxgenates	3 VOAs
8015 TPH gas	

Lab Name McCampbell
Delivery By: Courier _____ Hand _____

Well No. MW-5 Depth of Water 16.4'
Well Diameter: 2" Well Depth 29.75'
__ 2" (0.16 gal/feet) __ 5" (1.02 gal/feet) Water Column Height 13'
__ 4" (0.65 gal/feet) __ 6" (1.47 gal/feet) Well Volume 2

80% DTW _____

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	Totalizer Reading (D6)	Temperature (c)	pH (SU)	Cond (mhos)	Turb (NTU)	Remarks
1319	Initial →	→	→	4.86	20.8	6.22	2.14	clear	hydrocarbon odor
1320			~~1~~ 1/2	4.35	21.2	6.36	2.73	cloudy @ 2 gallons	
1321			1	5.17	21.1	6.34	2.65	↓	
1322			1 1/2	5.48	21.2	6.33	2.65	↓	
1323			2	5.32	21.2	6.33	2.61	↓	
1325			2 1/2	5.58	21.3	6.36	2.65		10 min. wait
1340			3	5.82	21.1	6.34	2.5		for recharge
1342			3 1/2	5.7	21.1	6.44	2.49		
1345			4	5.73	20.92	6.42	2.46		
~~1357~~	1405		4 1/2	5.13	21.09	6.32	2.41		
1408			5	5.66	21.2	6.41	2.45		
1409			5 1/2	5.72	21.14	6.44	2.47		
1411			6	4.75	21.2	6.41	2.5		sampled @ 1421

Comments