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8:38 am, May 20, 2011 Alameda County Environmental Health

AMERICA'S BUILDER OF THE YEAR

May 17, 2011

Alameda County Environmental Health Hazardous Materials Division 1131 Harbor Bay Parkway Alameda, California 94502

Re: PHASE II ENVIRONMENTAL SITE ASSESSMENT Case #2737 Former Impulse Motors 1210 Bockman Road San Lorenzo, California

To Whom It May Concern:

In Town Communities, LLC, a California limited liability company and subsidiary of Olson Urban Housing, LLC, a Delaware corporation doing business as The Olson Company, hereby submits the enclosed <u>Phase II Environmental Site Assessment</u> dated December 21, 2004 ("ESA II") prepared by Stantec Consulting Corporation ("Stantec"). The ESA II reports on observed conditions at the former Impulse Motors site located at 1210 Bockman Road, in the City of San Lorenzo, California.

I certify under penalty of perjury that the referenced ESA II and all attachments and supplemental information and recommendations contained in the enclosed ESA II is true and correct to the best of my knowledge.

Ver/ trûly yours. Michael Ugar Vice President, Operations Enclosure as stated

PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT 1210 through 1366 Bockman Road San Lorenzo, California

Prepared for: The Olson Company

December 21, 2004

SECOR Project No.: 04OT.29215.62

25864-F Business Center Drive Redlands, California 92374 909.335.6116 TEL 909.335.6120 FAX

December 21, 2004

Mr. Phil Kerr The Olson Company 3130 Crow Canyon Place, Suite 210 San Ramon, California 94583

RE: PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT 1210 through 1366 Bockman Road (South Side) San Lorenzo, California SECOR Project No.: 040T.29215.62

Dear Mr. Kerr:

At the request and authorization of the Olson Company (Olson), SECOR International Incorporated (SECOR) is pleased to present this report detailing the findings of the Phase II environmental site assessment (ESA) completed at the property addressed as 1210 through 1366 Bockman Road, San Lorenzo, California (the Site). The purpose of this work was to evaluate if soil or groundwater contamination exists related to the on site auto repair facilities, the contamination associated with the possible existence of a drycleaners in the on site strip mall structures, and the potential existence of residual pesticides within the soils on the property.

The scope of Phase II work was based on information acquired during the Phase I ESA prepared by SECOR dated November 18, 2004. SECOR completed the proposed scope of work in accordance with SECOR's proposal dated December 1, 2004 and the terms contained in the Master Consulting Services Agreement between SECOR and Olson dated November 28, 2001. The findings of the Phase II ESA are contained in the attached document. In addition, SECOR has provided below, a brief summary of the findings of the completed assessment.

EXECUTIVE SUMMARY

The objective of the Phase II Environmental Site Assessment (ESA) was to address areas of concern identified by the Phase I ESA as follows:

Impulse Motors, located at 1210 Bockman Road and on the Site, is listed as an active UST facility. On April 14, 2004, three USTs were removed. ACC Environmental Consultants (ACC) of Oakland, California, was contracted to perform the necessary soil and groundwater sampling relating to the removal of the USTs. ACC submitted a closure report discussing these activities to the County of Alameda Department of Environmental Health on June 15, 2004. ACC's report indicated that soil samples collected from the excavated side walls near the former USTs reported concentrations below laboratory reporting limits. Elevated petroleum hydrocarbon levels, however, were detected in the soils beneath the fuel dispensers and pipes. Due to the contaminant levels found upon UST removal as presented in the Phase I ESA report, SECOR recommended further investigation of soils near the former fuel dispenser locations at 1210 Bockman Road in order to delineate the lateral and vertical extent of contamination. SECOR also recommended further investigation of the soils beneath the former USTs at this facility, whereas the samples collected by ACC were obtained from the excavations side walls and not from beneath the former USTs where undetected contamination may be present. SECOR personnel also identified one former underground hydraulic lift and a drainage sump within the facility.

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SECOR recommended further assessment of the hydraulic lift and drainage sump areas at this facility and the potential contamination of surrounding soils during the course of their operation in the past.

- Based on the historical research and review of available documents (aerial photographs, see Section 5.0) SECOR determined that the Site had been used for agricultural purposes prior to the late 1950's. Therefore, the potential exists for the presence of residual pesticides in the surface soils on the property. To discover whether there are residual concentrations of pesticides at levels of concern, SECOR recommended soil sampling and analysis to determine if detected compounds are present above health risk criteria or hazardous waste levels.
- According to the EDR report, groundwater monitoring well data within a one mile radius indicates that groundwater is expected to be encountered at a depth of approximately 5-20 feet below the ground surface. Due to this relatively shallow groundwater depth, SECOR recommended sampling the groundwater beneath the Site, specifically beneath the former fuel dispensers and USTs at 1210 Bockman Road for possible petroleum hydrocarbon contamination.
- The city directories reviewed only extended back into the 1990s and therefore it could not be determine if a former dry cleaners existed in the strip mall. SECOR recommended collecting groundwater samples down gradient from the strip to determine if any impact had occurred from releases of potential dry cleaning solvents to groundwater.

On December 16-17, 2004, using a GeoProbe[™] drilling rig and hand auger, SECOR advanced eight (8) borings at select locations throughout the Site to a maximum explored depth of approximately 14 feet bgs. The results of SECOR Phase II investigation and subsequent recommendations are described as follows (a summary of the chemical results of soil and groundwater samples is included as Table 1):

- Pesticides were not detected at or above laboratory reporting limits in any analyzed soil samples to a total depth of approximately 0.5 to 1 feet bgs on the subject Site. Therefore, SECOR considers residual pesticides unlikely to have environmentally impacted the Site and no further investigation is recommended.
- Two borings were completed within the interior of Impulse Motors located at 1210 Bockman Road. These two borings, SB-2 and SB-7, were proposed in order to identify potential soil contamination from the two in-ground hydraulic lifts and drainage sump. Neither boring detected levels of petroleum hydrocarbons (C6-C40) or PCBs at levels above laboratory reporting limits for both its 2 and 8 feet bgs samples. Therefore, SECOR considers these hydraulic lifts and drainage sump unlikely to have environmentally impacted the Site and no further investigation is recommended.
- Groundwater samples HP-1 and HP-2 were proposed to confirm ACC Environmental's results of April 14, 2004 which indicated that contamination was not significant in the vicinity of the former USTs located at 1210 Bockman Road (see Figure 2). HP-1 and HP-2 were located up-gradient (east) and down-gradient (west) from the former UST location, respectively. Both HP-1 and HP-2 exhibited TPH-g and VOC levels at or below their respective laboratory reporting limits. Therefore, SECOR considers it unlikely that the

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former USTs have environmentally impacted the groundwater beneath the Site and no further investigation is recommended.

- Groundwater sample HP-3 was proposed to confirm that businesses historically located within the strip mall structure (specifically, a dry cleaners facility) had not had significant releases which may have affected groundwater beneath the Site. HP-3 was placed adjacent to and down-gradient from the strip mall structure (see Figure 2) and was analyzed for VOCs. HP-3 exhibited VOC levels below their respective laboratory reporting limits. Therefore, SECOR considers it unlikely that a facility in the strip mall structure has had a release of contaminants sizeable enough to environmentally impact the groundwater and no further investigation is recommended.
- Several samples were obtained from two borings, SB-4 and SB-5, near the former fuel dispenser islands located in front of the Impulse Motors facility at 1210 Bockman Road. The analytical results from these sample locations are discussed as follows:
 - Total petroleum hydrocarbons analyzed against gasoline (TPH-g) were detected in 0 boring SB-4 at 5 feet bgs, which was located adjacent to the northernmost fuel dispenser island at Impulse Motors of 1210 Bockman Road (see Figure 2). TPH-g levels in this sample were detected at 4.9 parts per million (ppm). SB-4 at 5 feet bgs also exhibited concentrations of the VOCs Benzene, n-Butylbenzene, tert-Butylbenzene, Ethylbenzene, Isopropylbenzene, p-Isopropyltoluene, Methyl-tertbutyl ether (MtBE), Naphthalene, n-Propylbenzene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and Xylenes (m-, p-) at levels of 0.003, 0.050, 0.002, 0.007, 0.030, 0.004, 0.11, 0.088, 0.11, 0.024, 0.002, and 0.005 milligrams per kilogram (mg/Kg), respectively. The TPH-g and Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) reported levels in this sample were detected below their respective maximum soil screening levels (California RWQCB, 1996). This boring was placed in close proximity to ACC Environmental borings P3-2.0 and D3-2.0, which were sampled on April 29, 2004 upon UST and fuel dispenser removal and showed levels of both TPH-g and BTEX at levels above the California RWQCB maximum soil screening levels. Due to the fact that both of these borings were sampled at a depth of 2 feet bgs, SECOR feels that contamination resulting from the former fuel dispenser is limited to the upper five feet of soil. Furthermore, groundwater samples HP-1 and HP-2, both of which were in close proximity to and cross- to down-gradient from SB-4, exhibited TPH-g and VOC contaminant levels at or below laboratory reporting limits. Based upon the vertical delineation of contaminant levels and that no significant levels of contaminants were reported in adjacent groundwater samples, SECOR considers it likely that the contaminants found by ACC Environmental upon tank closure are limited to the upper five feet of soil near the northernmost dispenser. SECOR recommends the excavation and proper disposal of these affected soils (approximated at 20 cubic yards) prior to development of the Site.
 - Total petroleum hydrocarbons analyzed against gasoline (TPH-g) were not detected in boring SB-5, which was located adjacent to the southernmost fuel dispenser island at Impulse Motors of 1210 Bockman Road (see Figure 2). SB-5

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> at 2 feet bgs, however, exhibited concentrations of the VOCs Ethylbenzene, Xylenes (m-, p-), and Xylenes (o-) at levels of 0.002, 0.009, and 0.003 milligrams per kilogram (mg/Kg), respectively. The TPH-g and VOC reported levels in this sample were detected either below their respective laboratory reporting limits or maximum soil screening levels (California RWQCB, 1996). This boring was placed in close proximity to ACC Environmental's boring D1-2.0, which was sampled on April 29, 2004 upon UST and fuel dispenser removal and showed levels of both TPH-g and BTEX at levels above the California RWQCB maximum soil screening levels. Due to the fact that both samples from SB-5 (two and five feet bgs) exhibited contaminant levels either below their respective laboratory reporting limits or maximum soil screening levels, SECOR feels that contamination resulting from the former fuel dispenser is localized to the directly beneath the dispenser island to no more than five feet bgs. Furthermore, groundwater samples HP-1 and HP-2, both of which were in close proximity to and downgradient from SB-5, exhibited TPH-g and VOC contaminant levels at or below laboratory reporting limits. Based upon the lateral delineation of contaminant levels and that no significant levels of contaminants were reported in adjacent groundwater samples, SECOR considers it likely that the contaminants reported by ACC Environmental are limited to the upper five feet of soil directly beneath the fuel dispenser island. SECOR recommends the excavation and proper disposal of these affected soils (approximated at 5 cubic yards) prior to development of the Site.

 The worst case scenario cost for all of the above-described excavation and disposal activities is estimated to be between \$5,000 and \$10,000, based on the data collected to date.

Should there be any questions concerning this assessment, please feel free to contact the undersigned at (909) 335-6116.

Respectfully, SECOR International Incorporated

Justin Hone Staff Geologist Kyle Emerson, CEG 1271 Senior Vice President

cc: Preston W. Brooks Cox, Castle, Nicholson LLP 2049 Century Park East, 28th Floor Los Angeles, California 90067

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APPENDIX A Laboratory Reports and Chains of Custody APPENDIX B Boring Logs

1.0 INTRODUCTION

SECOR International Incorporated (SECOR), on behalf of The Olson Company (Olson), has prepared this report to document the results of the Phase II Environmental Site Assessment (ESA) at the property addressed as 1210 through 1366 Bockman Road in the city of San Lorenzo, California (referred to herein as the Site). The Phase II ESA was performed on the Site to address environmental site concerns identified in SECOR's Phase I ESA dated November 18, 2004, prior to potential redevelopment by Olson for residential use. SECOR completed the proposed scope of work in accordance with SECOR's proposal dated December 1, 2004 and the terms contained in the Master Services Agreement between SECOR and the Olson Company dated November 28, 2001.

1.1 SITE DESCRIPTION

The Site is located on the south side of Bockman Road between Via Chiquita and Via Del Ray in San Lorenzo, California. The approximately three acres of property on the Site is addressed as 1210 through 1366 Bockman Road.

The Site is located in a mixed residential and commercial area of San Lorenzo (see Figure 1). The Site is bordered to the south, and west by single family residences. The Site is bordered to the east by Via Chiquita followed by single family residences. Bockman Road runs east-west to the north of the Site. The Site is located approximately one and a half miles northeast of the San Francisco Bay and approximately three-quarters of a mile northwest of Hayward Airport.

1.2 GEOLOGY AND HYDROGEOLOGY

The Site is located in an area of recent alluvial fan deposits of Quaternary age. These deposits typically consist of tideland and floodplain deposits. Regionally, the Site and surrounding area is located northeast of the San Francisco Bay, the Santa Cruz Mountains, and the Pacific Ocean. The nearest active faults include the Hayward Fault and the San Andreas Fault (Peninsula) Zones, located approximately 2.5 miles northeast and 16 miles southwest, respectively, and the Calaveras Fault, located approximately 10 miles to the northeast.

The elevation of the Site is approximately 22 feet above mean sea level. The surface topography of the site has a minor slope toward the west-southwest at less than one percent. The surface runoff generally flows toward the San Francisco Bay, located approximately ½ mile southwest of the Site.

According to the EDR report, groundwater monitoring well data within a one mile radius indicates that groundwater is expected to be encountered at a depth of approximately 8 to 10 feet below the ground surface. The general groundwater flow direction is towards the west, in the direction of the San Francisco Bay. According to the EDR report, the Site is located within ¼ mile of a 500 year flood zone.

2.0 BACKGROUND

The Site is located on the south side of Bockman Road between Via Chiquita and Via Del Ray in San Lorenzo, California. The approximately three acres of property on the Site is addressed as 1210 through 1366 Bockman Road.

The Site is located in a mixed residential and commercial area of San Lorenzo (see Figure 1). The Site is bordered to the south and west by single family residences. The Site is bordered to the east by Via Chiquita followed by single family residences. Bockman Road runs east-west to the north of the Site. The Site is located approximately one and a half miles northeast of the San Francisco Bay and approximately three-quarters of a mile northwest of Hayward Airport.

SECOR had Environmental Data Resources, Inc. (EDR) conduct a detailed review of the street directories for the subject property. This search was completed to evaluate if businesses of concern like a dry cleaners was ever present in the commercial center on the property. That search was only able to determine occupancy back to 1990. No businesses of concern were found back to that point in time. SECOR was not able to confirm that a dry cleaners was never present on the property by available information prior to 1990. Therefore, there is a potential that one may have existed on the property and present a potential recognized environmental conditions (RECs). To evaluate if a release has occurred SECOR recommended collection of groundwater samples (given the presence of shallow groundwater, approximately 8 feet below ground surface) down gradient from the structure where a dry cleaners may have existed to determine if a source might exist.

SECOR personnel identified the following RECs on the subject property that warranted further assessment:

- Impulse Motors, located at 1210 Bockman Road and on the Site, is listed as an active UST facility. On April 14, 2004, three USTs were removed. ACC Environmental Consultants (ACC) of Oakland, California, was contracted to perform the necessary soil and groundwater sampling relating to the removal of the USTs. ACC submitted a closure report discussing these activities to the County of Alameda Department of Environmental Health on June 15, 2004. ACC's report indicated that soil samples collected from the excavated side walls near the former USTs reported concentrations below laboratory reporting limits. Elevated petroleum hydrocarbon levels, however, were detected in the soils beneath the fuel dispensers and pipes. Due to the contaminant levels found upon UST removal and summarized in Table 1 of the Phase I ESA report, SECOR recommended further investigation of soils near the former fuel dispenser locations at 1210 Bockman Road in order to delineate the lateral and vertical extent of contamination. SECOR also recommended further investigation of the soils beneath the former USTs at this facility, whereas the samples collected by ACC were obtained from the excavations side walls and not from beneath the former USTs where undetected contamination may be present.
- SECOR personnel also identified one former underground hydraulic lift and a drainage sump within the facility. SECOR recommended further assessment of the hydraulic lift and drainage sump areas at this facility and the potential contamination of surrounding soils during the course of their operation in the past.
- Based on the historical research and review of available documents (aerial photographs, see Section 5.0) SECOR determined that the Site had been used for agricultural purposes prior to the late 1950's. Therefore, the potential exists for the presence of residual

pesticides in the surface soils on the property. To discover whether there are residual concentrations of pesticides at levels of concern, SECOR recommended soil sampling and analysis to determine if detected compounds are present above health risk criteria or hazardous waste levels.

 According to the EDR report, groundwater monitoring well data within a one mile radius indicates that groundwater is expected to be encountered at a depth of approximately 8 to 10 feet below the ground surface. Due to this relatively shallow groundwater depth, SECOR recommended sampling the groundwater beneath the Site, specifically beneath the former fuel dispensers and USTs at 1210 Bockman Road for possible petroleum hydrocarbon contamination.

Although not considered RECs, the following environmental issues should be taken into consideration:

- Given the pre-1978 construction of all of the onsite structures, lead based paint (LBP) may have been utilized. Thus, SECOR recommends a comprehensive, EPA/HUD-level LBP survey prior to demolition activities which may disturb any lead paint present.
- Given the pre-1978 construction of all of the onsite structures, asbestos containing materials (ACMs) may have been utilized. SECOR understands that future Site demolition is planned. Thus, SECOR recommends the completion of a complete AHERA level predemolition asbestos survey prior to demolition.

The results of the Phase II investigation and file review are reported herein. The approximate locations of the referenced soil borings are shown in Figure 2.

3.0 FIELD INVESTIGATION PROGRAM

The services performed by SECOR are governed by the Master Service Agreement between SECOR and Olson (November 2001). The scope of work followed was presented in SECOR's Proposal for Phase II ESA, dated December 1, 2004 and is detailed below.

3.1 PRE-FIELD ACTIVITIES

Prior to the initiation of any field activities, SECOR prepared a Site-specific Health and Safety Plan (HASP), in accordance with 29 CFR 1910.120. Olson coordinated access permission from the property owner for this investigation. Underground Service Alert (USA) was notified 48-hours prior to beginning field activities. Drilling operations were conducted on December 16-17, 2003, and were performed by Vironex, of San Leandro, California.

3.2 FIELD ACTIVITIES

On December 16-17, 2004, eight (8) shallow subsurface borings were advanced in specified locations on the subject property. The boring completion program included borehole advancement, soils/groundwater sampling and classification, and boring abandonment. All borings were advanced to five feet bgs with a hand auger in order to clear any utilities.

3.2.1 SOIL BORINGS

At a depth of five feet bgs, the borings were advanced using a GeoProbe[™], truck-mounted drilling rig, and were completed by driving 2-inch outer-diameter hollow steel rods into the underlying soils using a hydraulic ram mounted on the drilling rig. During advancement at each location, sampling of encountered subsurface soils was performed starting at a depth of five feet bgs using a 48-inch long by 2-inch inner diameter plastic sampler. At each sampling interval, the sampler was driven into undisturbed soil using a hydraulic ram on the GeoProbe[™] rig until 48 inches of penetration was achieved. Upon advancement of the sampler to the full 48-inch length, the steel rods were extracted from the boring and the sampler sleeve was removed. The drilling and sampling sequence was then repeated at various intervals for the entire depth of each boring. The maximum depth of exploration for each boring was between approximately 10 to 15 feet bgs.

Upon extracting the sampler at each depth interval, the soils contained therein were visually examined by SECOR field personnel who then classified the soils. A summary of the soil classifications obtained are presented in the boring logs included as Appendix B.

After soil classification, the soil samples were collected from the sampling tube. All soil samples were carefully packaged for chemical analysis in glass jars and labeled with appropriate identification information (boring number, sample depth, sample collection date, sample collection time and job number). The samples were then logged on a chain-of-custody form and placed in a chilled cooler for transport to the laboratory. Copies of the chain-of-custody forms are included in Appendix A.

Following the completion of borehole advancement and soil sampling, the borings were abandoned by removing the sampling equipment from the borehole and subsequently backfilling with neat cement, as prescribe by the Alameda County Public Works Department.

3.2.2 GROUNDWATER SAMPLING PROCEDURES

Saturated soils were observed at depths between approximately 8 and 10 feet bgs in borings HP-1 through HP-3. Upon reaching this approximate depth interval, each boring was terminated approximately 2 feet beneath first observed saturated soils (approximately 12 feet bgs) and a 48-inch long, 1-inch outer-diameter, slotted, PVC sampling pipe was inserted into the open bore hole. Additional PVC pipes without slots (risers) were attached to the top of the first pipe via water tight gasket fittings until the bottom of the borehole was reached. Poly tubing was then inserted in the PVC riser with a one way valve attached to its tip. Surging and bailing was completed as close as possible to the top of the groundwater level at each location.

Groundwater sampling was only performed at borings HP-1 throughHP-3. During sampling, groundwater was transferred directly from the top of the poly tubing bailer into clean glass containers (six 40mL vials for the single boring sampled) provided by the laboratory. Once the containers were full, threaded lids were attached, the containers labeled and placed into an iced cooler pending transport, under Chain-of-Custody, to a laboratory for chemical analysis. The Chain-of-Custody records for the hydropunch groundwater sample collected during this investigation are presented in Appendix B.

Following the completion of borehole advancement and groundwater sampling, the borings were abandoned by removing the sampling equipment from the borehole and subsequently backfilling with neat cement, as prescribe by the Alameda County Public Works Department.

3.2.3 DECONTAMINATION AND BORING BACKFILL

Prior to advancing each boring, all sampling equipment to contact the soil was decontaminated with an alconox solution scrub and double rinsing with distilled water. Following the completion of the each of the Geoprobe/groundwater-sampling points to their respective depths, the borings were abandoned. During abandonment, neat cement was poured into the open boreholes to the existing surface.

4.0 LABORATORY TESTING PROGRAM

All soil samples obtained from the subsurface soils investigations were delivered under chain-ofcustody (Appendix A) to Centrum Analytical Laboratories (Centrum), located in Riverside, California. Centrum is certified to perform hazardous waste testing by the State of California Department of Health Services, Environmental Laboratory Accreditation Program.

5.0 INVESTIGATION FINDINGS

5.1 FIELD OBSERVATIONS

On December 16-17, 2004, using a GeoProbe[™] drilling rig and hand auger, SECOR advanced eight (8) borings at select locations throughout the Site to a maximum explored depth of approximately 14 feet bgs. Samples were collected as follows:

- 3 soil samples were collected at a depth of 6 inches bgs from three separate borings and analyzed for pesticides by EPA test Method 8081. The borings are labeled as SP-1, HP-2, and HP-3 (Samples obtained from borings HP-2 and HP-3 were "piggybacked" with groundwater sampling locations in order to simplify field activities).
- 4 soil samples were collected from within the facility located at 1210 Bockman Road and analyzed for total petroleum hydrocarbons (TPH) carbon chain (C6-C40). Two samples were obtained from each of borings SB-2 and SB-7. SB-2 was situated near a drainage sump in the floor of the facility and samples were obtained at depths of 2 and 5 feet bgs. SB-7 was located near the westernmost of the facility's two in-ground hydraulic lifts and samples were obtained at depths of 2 and 8 feet bgs.
- 4 soil samples were collected near the former fuel dispenser islands located at 1210 Bockman Road and analyzed for total petroleum hydrocarbons-gasoline (TPH-g) and volatile organic compounds (VOCs) via EPA Test Methods 8015M and 8260B, respectively. Two samples were obtained from each of the borings (SB-4 and SB-5) at depths of 2 and 5 feet bgs.
- 3 groundwater samples were obtained on the Site as well. Boring HP-1 was located near the former fuel dispenser island and auto repair facility located at 1210 Bockman Road, up-gradient from the former USTs and down- to cross-gradient from the auto repair facility and in ground hydraulic lifts. The sample obtained at this boring was analyzed for TPH-g and VOCs EPA Test Methods 8015M and 8260B, respectively. Boring HP-2 was located down-gradient and immediately adjacent to the excavated area of the former USTs. The sample obtained at this boring was analyzed for TPH-g and VOCs EPA Test Methods 8015M and 8260B, respectively. Boring HP-3 was located down-gradient of the strip mall structure located on the Site. The sample from this location was analyzed for VOCs via EPA Test Method 8260B.

Due to unforeseeable circumstances at the time of this Phase II field work at the Site, two locations were not drilled as proposed in the Phase II proposal dated December 1, 2004. These borings are discussed as follows:

Boring SB-1, which was proposed to be located near the in-ground hydraulic lift in the middle bay of the Impulse Motors facility (1210 Bockman Road), was not drilled due to the fact that the bay door was broken and, therefore, the drilling rig could not gain access to this portion of the facility. Proposed borings were completed, however, on each side of the middle bay (SB-2 and SB-7). A ground water sample was also taken from near the frontage of the facility, within close proximity to the in-ground hydraulic lift. Due to the close proximity of these borings to the proposed location of SB-1, SECOR believes that significant contamination from the in-ground lift would be detected in those adjacent borings.

Boring HP-1 was originally proposed within the excavated area where the former USTs were once located at 1210 Bockman Road. Refusal was met, however, at approximately 5 feet bgs in this location. SECOR personnel therefore moved the location of this boring immediately adjacent to and up-gradient from the area of UST excavation. SECOR considers it likely that if significant

contamination of groundwater does exist in this portion of the Site, it would be detected in the sample from boring HP-2, which was located immediately adjacent to and down-gradient from the area of UST excavation. HP-1 was moved up-gradient from the excavation area in order to delineate any potential contamination as well as to differentiate between the possible sources of contamination.

Soils encountered during drilling generally consisted of dark brown to black clays. Some interbedded silts and sands were also encountered to the total depth of exploration. Groundwater was encountered in all proposed hydropunch soil borings at a depth between approximately 8 and 10 feet bgs. Chemical odors were encountered in the sample obtained from 5 feet bgs in boring SB-4 as indicated on the boring logs in (Appendix B).

5.2 ANALYTICAL RESULTS

A summary of the chemical results of soil and groundwater samples is included as Table 1.

Pesticides were not detected at or above laboratory reporting limits in any analyzed soil samples to a total depth of approximately 0.5 to 1 feet bgs on the subject Site.

Two borings were completed within the interior of Impulse Motors located at 1210 Bockman Road. These two borings, SB-2 and SB-7, were proposed in order to identify potential soil contamination from the two in-ground hydraulic lifts and drainage sump. Neither boring detected levels of petroleum hydrocarbons (C6-C40) or PCBs at levels above laboratory reporting limits for both its 2 and 5 feet bgs samples.

Groundwater samples HP-1 and HP-2 were proposed to confirm ACC Environmental's results of April 14, 2004 which indicated that contamination was not significant in the vicinity of the former USTs located at 1210 Bockman Road (see Figure 2). HP-1 and HP-2 were located up-gradient (east) and down-gradient (west) from the former UST location, respectively. Both HP-1 and HP-2 exhibited TPH-g and VOC levels at or below their respective laboratory reporting limits.

Groundwater sample HP-3 was proposed to confirm that businesses historically located within the strip mall structure (specifically, dry cleaners facilities) had not had significant effect of the groundwater beneath the Site. HP-3 was placed adjacent to and down-gradient from the strip mall structure (see Figure 2) and was analyzed for VOCs. HP-3 exhibited VOC levels below their respective laboratory reporting limits.

Several samples were obtained from two borings, SB-4 and SB-5, near the former fuel dispenser islands located in front of the Impulse Motors facility at 1210 Bockman Road. The analytical results from these sample locations are discussed as follows:

Total petroleum hydrocarbons analyzed against gasoline (TPH-g) were detected in boring SB-4 at 5 feet bgs, which was located adjacent to the northernmost fuel dispenser island at Impulse Motors of 1210 Bockman Road (see Figure 2). TPH-g levels in this sample were detected at 4.9 parts per million (ppm). SB-4 at 5 feet bgs also exhibited concentrations of the VOCs Benzene, n-Butylbenzene, tert-Butylbenzene, Ethylbenzene, Isopropylbenzene, p-Isopropyltoluene, Methyl-tert-butyl ether (MtBE), Naphthalene, n-Propylbenzene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and Xylenes (m-, p-) at

levels of 0.003, 0.050, 0.002, 0.007, 0.030, 0.004, 0.11, 0.088, 0.11, 0.024, 0.002, and 0.005 milligrams per kilogram (mg/Kg), respectively. The TPH-g and Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) reported levels in this sample were detected below their respective maximum soil screening levels (California RWQCB, 1996).

Total petroleum hydrocarbons analyzed against gasoline (TPH-g) were not detected in boring SB-5, which was located adjacent to the southernmost fuel dispenser island at Impulse Motors of 1210 Bockman Road (see Figure 2). SB-5 at 2 feet bgs, however, exhibited concentrations of the VOCs Ethylbenzene, Xylenes (m-, p-), and Xylenes (o-) at levels of 0.002, 0.009, and 0.003 milligrams per kilogram (mg/Kg), respectively. The TPHg and VOC reported levels in this sample were detected either below their respective laboratory reporting limits or maximum soil screening levels (California RWQCB, 1996).

6.0 CONCLUSIONS

The objective of the Phase II Environmental Site Assessment (ESA) was to address areas of concern identified by the Phase I ESA as follows:

- Impulse Motors, located at 1210 Bockman Road and on the Site, is listed as an active UST facility. On April 14, 2004, three USTs were removed. ACC Environmental Consultants (ACC) of Oakland, California, was contracted to perform the necessary soil and groundwater sampling relating to the removal of the USTs. ACC submitted a closure report discussing these activities to the County of Alameda Department of Environmental Health on June 15, 2004. ACC's report indicated that soil samples collected from the excavated side walls near the former USTs reported concentrations below laboratory reporting limits. Elevated petroleum hydrocarbon levels, however, were detected in the soils beneath the fuel dispensers and pipes. Due to the contaminant levels found upon UST removal as presented in the Phase I ESA report, SECOR recommended further investigation of soils near the former fuel dispenser locations at 1210 Bockman Road in order to delineate the lateral and vertical extent of contamination. SECOR also recommended further investigation of the soils beneath the former USTs at this facility, whereas the samples collected by ACC were obtained from the excavations side walls and not from beneath the former USTs where undetected contamination may be present. SECOR personnel also identified one former underground hydraulic lift and a drainage sump within the facility. SECOR recommended further assessment of the hydraulic lift and drainage sump areas at this facility and the potential contamination of surrounding soils during the course of their operation in the past.
- Based on the historical research and review of available documents (aerial photographs, see Section 5.0) SECOR determined that the Site had been used for agricultural purposes prior to the late 1950's. Therefore, the potential exists for the presence of residual pesticides in the surface soils on the property. To discover whether there are residual concentrations of pesticides at levels of concern, SECOR recommended soil sampling and analysis to determine if detected compounds are present above health risk criteria or hazardous waste levels.
- According to the EDR report, groundwater monitoring well data within a one mile radius indicates that groundwater is expected to be encountered at a depth of approximately 5-20 feet below the ground surface. Due to this relatively shallow groundwater depth, SECOR recommended sampling the groundwater beneath the Site, specifically beneath the former fuel dispensers and USTs at 1210 Bockman Road for possible petroleum hydrocarbon contamination.
- The city directories reviewed only extended back into the 1990s and therefore it could not be determine if a former dry cleaners existed in the strip mall. SECOR recommended collecting groundwater samples down gradient from the strip to determine if any impact had occurred from releases of potential dry cleaning solvents to groundwater.

On December 16-17, 2004, using a GeoProbe[™] drilling rig and hand auger, SECOR advanced eight (8) borings at select locations throughout the Site to a maximum explored depth of approximately 14 feet bgs. The results of SECOR Phase II investigation and subsequent

recommendations are described as follows (a summary of the chemical results of soil and groundwater samples is included as Table 1):

- Pesticides were not detected at or above laboratory reporting limits in any analyzed soil samples to a total depth of approximately 0.5 to 1 feet bgs on the subject Site. Therefore, SECOR considers residual pesticides unlikely to have environmentally impacted the Site and no further investigation is recommended.
- Two borings were completed within the interior of Impulse Motors located at 1210 Bockman Road. These two borings, SB-2 and SB-7, were proposed in order to identify potential soil contamination from the two in-ground hydraulic lifts and drainage sump. Neither boring detected levels of petroleum hydrocarbons (C6-C40) or PCBs at levels above laboratory reporting limits for both its 2 and 8 feet bgs samples. Therefore, SECOR considers these hydraulic lifts and drainage sump unlikely to have environmentally impacted the Site and no further investigation is recommended.
- Groundwater samples HP-1 and HP-2 were proposed to confirm ACC Environmental's results of April 14, 2004 which indicated that contamination was not significant in the vicinity of the former USTs located at 1210 Bockman Road (see Figure 2). HP-1 and HP-2 were located up-gradient (east) and down-gradient (west) from the former UST location, respectively. Both HP-1 and HP-2 exhibited TPH-g and VOC levels at or below their respective laboratory reporting limits. Therefore, SECOR considers it unlikely that the former USTs have environmentally impacted the groundwater beneath the Site and no further investigation is recommended.
- Groundwater sample HP-3 was proposed to confirm that businesses historically located within the strip mall structure (specifically, a dry cleaners facility) had not had significant releases which may have affected groundwater beneath the Site. HP-3 was placed adjacent to and down-gradient from the strip mall structure (see Figure 2) and was analyzed for VOCs. HP-3 exhibited VOC levels below their respective laboratory reporting limits. Therefore, SECOR considers it unlikely that a facility in the strip mall structure has had a release of contaminants sizeable enough to environmentally impact the groundwater and no further investigation is recommended.
- Several samples were obtained from two borings, SB-4 and SB-5, near the former fuel dispenser islands located in front of the Impulse Motors facility at 1210 Bockman Road. The analytical results from these sample locations are discussed as follows:
 - Total petroleum hydrocarbons analyzed against gasoline (TPH-g) were detected in boring SB-4 at 5 feet bgs, which was located adjacent to the northernmost fuel dispenser island at Impulse Motors of 1210 Bockman Road (see Figure 2). TPH-g levels in this sample were detected at 4.9 parts per million (ppm). SB-4 at 5 feet bgs also exhibited concentrations of the VOCs Benzene, n-Butylbenzene, tert-Butylbenzene, Ethylbenzene, Isopropylbenzene, p-Isopropyltoluene, Methyl-tertbutyl ether (MtBE), Naphthalene, n-Propylbenzene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and Xylenes (m-, p-) at levels of 0.003, 0.050, 0.002, 0.007, 0.030, 0.004, 0.11, 0.088, 0.11, 0.024, 0.002, and 0.005 milligrams per

kilogram (mg/Kg), respectively. The TPH-g and Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) reported levels in this sample were detected below their respective maximum soil screening levels (California RWQCB, 1996). This boring was placed in close proximity to ACC Environmental borings P3-2.0 and D3-2.0, which were sampled on April 29, 2004 upon UST and fuel dispenser removal and showed levels of both TPH-g and BTEX at levels above the California RWQCB maximum soil screening levels. Due to the fact that both of these borings were sampled at a depth of 2 feet bgs, SECOR feels that contamination resulting from the former fuel dispenser is limited to the upper five feet of soil. Furthermore, groundwater samples HP-1 and HP-2, both of which were in close proximity to and cross- to down-gradient from SB-4, exhibited TPH-g and VOC contaminant levels at or below laboratory reporting limits. Based upon the vertical delineation of contaminant levels and that no significant levels of contaminants were reported in adjacent groundwater samples, SECOR considers it likely that the contaminants found by ACC Environmental upon tank closure are limited to the upper five feet of soil near the northernmost dispenser. SECOR recommends the excavation and proper disposal of these affected soils (approximated at 20 cubic yards) prior to development of the Site.

- Total petroleum hydrocarbons analyzed against gasoline (TPH-g) were not 0 detected in boring SB-5, which was located adjacent to the southernmost fuel dispenser island at Impulse Motors of 1210 Bockman Road (see Figure 2). SB-5 at 2 feet bgs, however, exhibited concentrations of the VOCs Ethylbenzene, Xylenes (m-, p-), and Xylenes (o-) at levels of 0.002, 0.009, and 0.003 milligrams per kilogram (mg/Kg), respectively. The TPH-g and VOC reported levels in this sample were detected either below their respective laboratory reporting limits or maximum soil screening levels (California RWQCB, 1996). This boring was placed in close proximity to ACC Environmental's boring D1-2.0, which was sampled on April 29, 2004 upon UST and fuel dispenser removal and showed levels of both TPH-g and BTEX at levels above the California RWQCB maximum soil screening levels. Due to the fact that both samples from SB-5 (two and five feet bgs) exhibited contaminant levels either below their respective laboratory reporting limits or maximum soil screening levels, SECOR feels that contamination resulting from the former fuel dispenser is localized to the directly beneath the dispenser island to no more than five feet bgs. Furthermore, groundwater samples HP-1 and HP-2, both of which were in close proximity to and downgradient from SB-5, exhibited TPH-g and VOC contaminant levels at or below laboratory reporting limits. Based upon the lateral delineation of contaminant levels and that no significant levels of contaminants were reported in adjacent groundwater samples, SECOR considers it likely that the contaminants reported by ACC Environmental are limited to the upper five feet of soil directly beneath the fuel dispenser island. SECOR recommends the excavation and proper disposal of these affected soils (approximated at 5 cubic yards) prior to development of the Site.
- The cost for the above-described excavation and disposal activities is estimated to be between \$5,000 and \$10,000, based on the data collected to date.

7.0 LIMITATIONS

The conclusions and recommendations contained in this report are based upon professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location and are subject to the following inherent limitations:

The data and findings presented in this report are valid as of the dates when the investigations were performed. The passage of time, manifestation of latent conditions or occurrence of future events may require further exploration at the Site, analysis of the data, and reevaluation of the findings, observations, and conclusions expressed in the report.

The data reported and the findings, observations, and conclusions expressed in the report are limited by the Scope of Work.

Because of the limitations stated above, the findings, observations, and conclusions expressed by SECOR in this report are not, and should not be, considered an opinion concerning the compliance of any past or present owner or operator of the Site with any federal, state or local law or regulation.

No warranty or guarantee, whether expressed or implied, is made with respect to the data or the reported findings, observations, and conclusions, which are based solely upon site conditions in existence at the time of investigation.

This report presents professional opinions and findings of a scientific and technical nature. While attempts were made to relate the data and findings to applicable environmental laws and regulations, the report shall not be construed to offer legal opinion or representations as to the requirements of, nor compliance with, environmental laws, rules, regulations or policies of federal, state or local governmental agencies. Any use of the report constitutes acceptance of the limits of SECOR's liability. SECOR's liability extends only to its client and not to any other parties, who may obtain the report, except as required by the Master Service Agreement.

This report was prepared under the terms and conditions of Olson's Master Services Agreement (MSA) with SECOR. To the extent any provision of this report conflict with the MSA, the MSA will control.

8.0 REFERENCES

Technical References

ACC Environmental Consultants (ACC), 2004, Underground Storage Tank Closure Report, Impulse Motors, 1210 Bockman Road, San Lorenzo, California, ACC Project No. 6546-006.00

California Division of Mines and Geology (CDMG), 1961, Geologic Map of California, San Francisco Sheet, California, Scale 1:250,000.

CDMG, 1998, Maps of Known Active Fault Near-Source Zones in California and Adjacent Portions of Nevada.

Department of Oil, Gas, and Geothermal Resources (DOG), 1996, Regional Wildcat Map W3-10, Scale 1" = 4 miles.

Environmental Data Resources, Inc. (EDR), August 6, 2004, The EDR Radius Map Report, 1210 Bockman Road, San Lorenzo, CA 94508, Inquiry Number: 01245251.2s.

United State Geological Survey 7.5 Minute Topographic Series Maps, 1980, San Leandro, California Quadrangle, Scale 1:24,000.

Agency Contacts

County of Alameda Department of Environmental Health, Roseanna, (510) 567-6700

County of Alameda Public Works Agency, Tiffany, (510) 670-5480

FIGURES



File Path - Q:\CADD-04\CAD Files\Olson-Co\San Lorenzo\OLS-2921561-PH1_south.dwg - Layout: Figure



TABLES

Table 1

Summary of Chemical Analysis of Soil Samples Collected from Soil Borings SB-4 and SB-5, EPA Test Methods 8260B and 8015M

Location	Depth (ft)	Date	Gasoline	Benzene	n-Butylbenzene	tert-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methyl-tert-butyl ether (MtBE)	Naphthalene	n-Propylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes, m-, p-	Xylenes, o-
SB-4	2	11/3/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-4	5	11/3/2003	4.9	0.003	0.050	0.002	0.007	0.030	0.004	0.11	0.088	0.11	0.024	0.002	0.005	ND
SB-5	2	11/3/2003	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	0.009	0.003
SB-5	5	11/3/2003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rep	porting Limit	mg/Kg	0.50	0.001	0.002	0.002	0.001	0.001	0.002	0.005	0.002	0.001	0.001	0.001	0.002	0.001

*Only VOCs detected in one or more sample are included in this table. All other VOCs were not detected above laboratory reporting limits in any of the samples.

Table 1 (Continued)

Summary of Chemical Analysis of Select Soil Samples Collected from Soil Borings SB-2 and SB-7, EPA Test
Methods GCMS and GC/FID

Location	Depth (ft)	Date	Carbon Chain C6-C12	Carbon Chain C12-C2	Carbon Chain C22-C4
SB-2	2	12/15/2004	ND	ND	ND
SB-2	5	12/15/2004	ND	ND	ND
SB-7	2	12/15/2004	ND	ND	ND
SB-7	8	12/15/2004	ND	ND	ND
CRWQCB Maxi	mum Soil Screenir	ng Levels mg/Kg	100	100	1,000
R	eporting Limit mg/	Kg	0.50	10	10

Location	Depth (ft)	Date	Aldrin	Alpha-BHC	Beta-BHC	Delta-BHC	Gamma-BHC (Lindane)	Chlordane	4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Endosulfan I	Endosulfan II	Endrin	Methoxychlor
SP-1	0.5	12/16/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SP-2	0.5	12/16/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SP-3	0.5	12/16/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Reporting Limit µg/Kg		10	10	10	10	10	100	20	20	20	20	10	20	20	100	

 Table 1 (Continued)

 Summary of Chemical Analysis of Select Soil Samples Collected from Soil Borings SP-1 through SB-3, EPA Test Methods 8081

Table 1 (Continued)

				Method	d 8082				
Location	Depth (ft)	Date	Arochlor 1016 (PCB)	Arochlor 1221 (PCB)	Arochlor 1232 (PCB)	Arochlor 1242 (PCB)	Arochlor 1248 (PCB)	Arochlor 1254 (PCB)	Arochlor 1260 (PCB)
SB-7	8	12/15/2004	ND						
Repo	orting Limit	µg/Kg	50	50	50	50	50	50	50

Summary of Chemical Analysis of Select Soil Samples Collected from Soil Boring SB-7 by EPA Test Method 8082

 Table 2

 Summary of Chemical Analysis of Groundwater Samples Collected from Borings HP-1 through HP-3, EPA Test Methods 8260B

 and GCMS

Location	Depth (ft)	Date	трн-д	Acetone	2-Butanone (MEK)	1,2-Dichloroethane	cis-1,2-Dichloroether	Methylene Chloride	Tetrachloroethene	Tetrachloroethene	Vinyl chloride	Xylenes, o-	Methyl-tert-butyl ether (MtBE)	Xylenes, m-, p-
HP-1	13	12/15/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0
HP-2	9	12/16/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HP-3	8	12/16/2004	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Federal/State MCL µg/L												1,750		1,750
Reporting Limit µg/L		500	50	10	0.5	0.5	50	0.5	0.5	0.5	0.5	1.0	1.0	

*NA= Not Applicable, these groundwater samples were not analyzed for TPH-g

APPENDIX A LABORATORY REPORTS & CHAINS OF CUSTODY



CERTIFIED HAZARDOUS WASTE TESTING MOBILE & IN HOUSE LABORATORIES

Client: SECOR 25864-F Business Center Drive Redlands, CA 92374-4515
 Date Sampled:
 12/16/04

 Date Received:
 12/17/04

 Job Number:
 25541

Project: San Lorenzo Ph. II

CASE NARRATIVE

The following information applies to samples which were received on 12/17/04:

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested. The date of issue for this report is 12/22/04.

Report

Tom Wilson Laboratory Director

ELAP Lab# 2419, 2479, 2527, 2373, 2562

RL: Reporting Limit -- The lowest level at which the compound can be reliably detected under normal laboratory conditions. ND: Not Detected -- The compound was analyzed for, but was not found to be present at or above the Reporting Limit. NA: Not Analyzed -- This compound was not on the list of compounds requested for analysis.

951•779•0310 OR 800•798•9336 fax 951•779•0344 www.centrum-labs.com 1401 Research Park Drive, Suite 100, Riverside, CA 92507



Volatile Hydrocarbons as Gasoline by GCMS

Client: Project: Job No.:	SECOR San Lorenzo Ph. II 25541	Date Sampled Date Received Date Analyzed	: 12/16/04 I: 12/17/04 I: 12/17/04 :: MS4TRHGW/3377
Matrix: Analyst:	Waler CP	Batch Number	: MS4TPHGW3377

·	Reporting	Volatile Hydrocarbons as						
	Limit	mg/L						
Sample ID		ND						
Method Diante	0.50	ND						
HP-2	U.SU							



QC Sample Report - Volatile Hydrocarbons as Gasoline by GCMS

Matrix: Water Batch Number: MS4TPHGW3377

Batch Accuracy Results



Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	MS Sample Result (mg/L)	MSD Sample Result (mg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Gasoline	1.90	1.85	3%	25%	Pass
		le le	مع ملك المحمد . <u>المحمد المحمد المحم</u>		

MS: Matrix Spike MSD: Matrix Spike Duplicate LCS: Laboratory Control Sample LCSD: Laboratory Control Sample Duplicate Analytical Notes:



Organochlorine Pesticides by EPA 8081A

Client:	SECOR
Project:	San Lorenzo Ph. II
Job No.:	25541
Matrix:	Soil
Analyst:	SEC

Date Sampled:	12/16/04
Date Received:	12/17/04
Date Extracted:	12/16-17/04
Date Analyzed:	12/17/04
Batch Number:	PESTS0810

	Sample ID:	Blank	SP-1	SP-3	
Posticides	RL*	mg/Kg	mg/Kg	mg/Kg	
Aldrin	0,050	ND	ND	ND	
Alpha-BHC	0.050	ND	ND	ND	
Beta-BHC	0,050	ND	ND	ND	
Delta-BHC	0.050	ND	ND	ND	
Gamma-BHC (Lindane)	0.050	ND	ND	ND	
Chlordane	0.50	ND	ND	ND	·
4,4'-DDD	0.10	ND	ND		
4,4'-DDE	0,10	ND	ND	ND	
4,4'-DDT	0.10	ND	ND	ND	-
Dieldrin	0.10	ND	ND	ND	
Endosulfan l	0.050	ND	ND	ND	
Endosulfan II	0,10	ND .	ND	ND	
Endosulfan sulfate	0.10	ND	ND		- -
Endrin	0,10	ND	ND	ND ND	
Endrin Aldehyde	0.10	ND	ND		
Endrin Ketone	0,50	ND	ND		
Heptachlor	0.050	ND	ND		
Heptachlor Epoxide	0.050	ND	NU		
Methoxychlor	0.50	ND	ND		· ·
	1 1	ND	ND .	IN 1 <u>2</u>	

 Toxaphene
 1.0
 ND
 ND

Surrogates in % Re	coverv (Accer	otance Limit	s: 50 - 150%)		
Junogates in 70	Sample ID:	Blank	SP-1	<u>SP-3</u>	
		75	85	94	1915 - Maria Manager, statisticati (M. 1916) 1917 - Maria
etrachloro-m-xylene					
			<u>1990 - 1990 - 1990 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997</u>		



Organochlorine Pesticides by EPA 8081A

Client: Project: Job No.: Matrix: Analvst:	SECOR San Lorenzo Ph. II 25541 Soil SEC	Date Sampled: Date Received: Date Extracted: Date Analyzed: Batch Number:	12/16/04 12/17/04 12/16-17/04 12/17/04 PESTS0810
Analysi.	020		

	Sample ID:	SP-2	
Pesticides	RL*	mg/Kg	
Aldrin	0,10	ND	
Alpha-BHC	0,10	ND	
Beta-BHC	0,10	ND	
Delta-BHC	0.10	ND	
Gamma-BHC (Lindane)	0.10	ND	
Chlordane	1.0	ND	
4,4'-DDD	0.20	ND	
4,4'-DDE	0.20	ND	
4,4'-DDT	0.20	ND	
Dieidrin	0.20	ND	
Endosulfan I	0.10	ND	
Endosulfan II	0.20	ND ND	
Endosulfan sulfate	0.20	ND	
Endrin	0.20	ND	
Endrin Aldehyde	0.20	ND	
Endrin Ketone	1.0	ND	
Heptachlor	0.10	ND	
Heptachlor Epoxide	0,10	ND	
Methoxychlor	1.0	ND	
	20.	° ND °	

Toxaphene 2.0 NU *The sample was analyzed at a dilution due to sample matrix effects; consequently, Reporting Limits were raised.

Surrogates in % Recovery (Acceptance Limits: 50 - 150%)

Sample ID*	SP.2
Jampie ID.	01-2
	95
Tetrachloro-m-xviene	


QC Sample Report - Organochlorine Pesticides by EPA 8081A

Matrix: Soil Batch Number: PESTS0810

Batch Accuracy Results

Spike Sample ID: Laborator	y Control	Sample				Analytical Notes:
Compound	Spike Concentration (mg/Kg)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail		
Lindane	0.0067	88	71 - 124	Pass		
Heptachlor	0.0067	101	87 - 132	Pass		
Aldrin	0.0067	99	78 - 125	Pass	•	
Dieldrin	0.026	95	85 - 113	Pass		
Endrin	0.026	101	84 - 125	Pass		
דתת	0.026	101	88 - 119	Pass		

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample					
Compound	MS Sample Result (mg/Kg)	MSD Sample Result (mg/Kg)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Lindane Hentachlor	0.0059	0.0069	16% 16%	25% 25%	Pass Pass
Aidrin	0.0066	0.0077	15%	25%	Pass
Dieldrin	0.0253	0.0296	16%	25%	Pass
Endrin	0.0270	0.0313	15%	25%	Pass
דמם	0.0269	0.0323	18%	25%	Pass



MS: Matrix Spike MSD: Matrix Spike Duplicate LCS: Laboratory Control Sample LCSD: Laboratory Control Sample Duplicate



Client:	SECOR
Project:	San Lorenzo Ph. II
Job No.:	25541
Matrix:	Water
Analyst:	CP

12/16/04
12/17/04
12/17/04
MS48260W3377

· · · · · · · · · · · · · · · · · · ·	Sample ID:	Blank	HP-2	HP-3	
Compounds	RL	μg/L	μg/L	μg/L	
Acetone	50	ND	ND	ND	-
tert-Amyl Methyl Ether (TA	ME) 5.0	ND	ND	ND	
Benzene	0.5	ND	ND	ND	
Bromobenzene	1.0	ND	ND	ND	
Bromochloromethane	1.0	ND	ND	ND	
Bromodichloromethane	0.5	ND	ND	ND	
Bromoform	0.5	ND	ND	ND	
Bromomethane	2.0	ND	ND	ND	
tert-Butanol (TBA)	10	ND	ND	NU	
2-Butanone (MEK)	10	ND	ND	ND	
n-Butylbenzene	1.0	ND	ND	UN NB	
sec-Butylbenzene	0.5	ND	ND		
tert-Butyibenzene	' 0.5	ND	ND	NU	
Carbon disulfide	10	ND	ND	NĐ	
Carbon tetrachloride	0.5	ND	ND	UN AN	
Chlorobenzene	0.5	ND	ND	ND	
Chloroethane	0.5	ND	ND		
Chioroform	0.5	ND	ND.		
Chloromethane	2.0	ND	ND		
2-Chlorotoluene	0.5	ND	ND		
4-Chlorotoluene	0.5	ND	ND		
Dibromochloromethane	0,5	ND	ND		
1,2-Dibromoethane	0.5	ND			
1.2-Dibromo-3-chloroprop	ane 10	ND	ND		
Dibromomethane	0.5	ND	ND ND		
1,2-Dichlorobenzene	0.5	ND			
1,3-Dichlorobenzene	0.5	ND			
1,4-Dichlorobenzene	0.5	ND			
Dichlorodifluoromethane	0.5	ND			
1,1-Dichloroethane	0.5	NU	NU		
1,2-Dichloroethane	0,5	ND			
1,1-Dichloroethene	0.5	ND			
cis-1,2-Dichloroethene	0.5	ND			
trans-1,2-Dichloroethene	0.5	ND			
1,2-Dichloropropane	0.5	ND	עא מא		
1,3-Dichloropropane	0.5	ND	<u>טאי</u> כע		
2,2-Dichloropropane	0.5	ND	עא אס		
1.1-Dichloropropene	0.5	<u>ND</u>		INL	



Client: Project: Job No.: Matrix: Analyst:	SECOR San Lorenzo Ph. II 25541 Water CP	Date Sampled: Date Received: Date Analyzed: Batch Number;	12/16/04 12/17/04 12/17/04 MS48260W3377
--	---	--	--

······································	Sample ID:	Blank	HP-2	HP-3	
Compounds	RL	μg/L	μg/L	μg/L	
cis-1,3-Dichloropropene	0.5	ND	ND	ND	
trans-1,3-Dichloropropene	0.5	ND	ND	ND.	
Diisopropyl Ether (DIPE)	5.0	ND	ND	ND	
Ethylbenzene	0.5	ND	ND	ND	
Ethyl tert-Butyl Ether (EtBE	.) 5.0	ND	ND	ND	
Hexachlorobutadiene	0.5	ND	ND	ND	
2-Hexanone	10	ND	ND ·		
lsopropylbenzene	0.5	ND	νŪ		
p-Isopropyltoluene	0.5	ND	ND		
Methylene chloride	50	ND	ND		
4-Methyl-2-pentanone	5.0	ND	ND		
Methyl-tert-butyl ether (Mti	3E) 1.0	ND	ND		
Naphthalene	0.5	ND	NU		
n-Propylbenzene	0,5	ND			
Styrene	0.5	ND	עא סא		
1.1,1,2-Tetrachloroethane	0.5	ND		ND	
1,1,2,2-Tetrachloroethane	1.0	NU	עא אח		
Tetrachloroethene	0.5	NU ND			
Toiuene	0.5	ND		ND	
1,2,3-Trichlorobenzene	0.5				
1,2,4-Trichlorobenzene	0.5				
1,1,1-Trichloroethane	0:5	ND			
1,1,2-Trichloroethane	0.5			ND	
Trichloroethene	0.5			ND	
1,2,3-Trichloropropane	0.5			ND	
Trichlorofluoromethane	0.6	ND		ND	
Trichlorotrifluoroethane	5.0			ND	
1,2,4-Trimethylbenzene	0.5	ND			
1,3,5-Trimethylbenzene	0.5	ND			
Vinyl chloride	0.5	NĐ		ND	
Xylenes, m-,p-	1.0	NU		טאי אור	
Xylene, o-	0.5	ND	עא		

Surrogates in % Reco	verv (Accept	ance Limits	: 70 - 13 <u>0%)</u>		
	Sample ID:	Blank	HP-2	HP-3	
Dibromofluoromethane		98	98	97	
Teluene de		99	97	97	
10IUene-uo		104	102	103	
Bromofluorobenzene		<u></u>	<u> in an the second fill and a second</u>		



QC Sample Report - Volatile Organic Compounds by EPA 8260B

Matrix: Water Batch Number: MS48260W3377

Batch Accuracy Results

Spike Sample ID: Laboratory Control Sample						
Compound	Spike Concentration (μg/L)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail		
1 1 Dichloraethene	50	88	70 - 130	Pass		
Benzene	50	85	70 - 130	Pass		
Trichlomethene	50	89	70 - 130	Pass		
Toluene	50	89	70 - 130	Pass		
Chlorobenzene	50	90	70 - 130	Pass		



Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample					
Compound	MS Sample Result (μg/L.)	MSD Sample Result (μg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
1.1-Dichloroethene	43.87	52.06	17%	25%	Pass
Benzene	42.61	49.96	16%	25%	Pass
Trichloroethene	44.34	51.45	15%	25%	Pass
Toluene	44.33	51.64	15%	25%	Pass
Chlorobenzene	44.84	53.84	18%	25%	Pass

Analytical Notes:

MS: Matrix Spike MSD: Matrix Spike Duplicate LCS: Laboratory Control Sample LCSD: Laboratory Control Sample Duplicate ÷

PRELIMINARY RESULTS SUBJECT TO CHANGE PENDING QAJQC REVIEW

Organochlorine Pesticides by EPA 8081A

Client: SECOR	nzo Phase II	Date Sampled;	12/15/04
Project: San Lore		Date Received;	12/16/04
Job No.: 25529		Date Extracted;	12/16-17/04
Matrix: Soil		Date Analyzed;	12/16-17/04
Analyst: SEC		Batch Number;	PESTS0B10

· _ · · · _ · · _ · · _ · · · · · · · ·	Sample ID:	Blank	SP-4	
Pesticides	RL	mg/Kg	mg/Kg	
Aldrin	0.001	NÐ	ND	
Alpha-BHC	0.001	ND:	NO	
Beta-BHC	D.001	ND	ND	
Delta-BHC	0.001	ND	ND	
Gamma-BHC (Lindane)	0.001	ND	ND	
Chlordane	0.010	ND	ND:	
4,4'-DDD	0.002	ND	ND	
4,4'-DDE	D.002 ~	ND	··· ND :	
4,4'-DDT	0.002	ND	ND	
Dieldrin	0.002			president and the second s
Endosulfan I	0.001	ND	ND	
Endosultan II	0.002	ND:	ND:	
Endosulfan sulfate	0,002	ND	ND	and the second
Endrin	0,002	ND::::		
Endrin Aldehyde	0.002	ND	ND	an a san an a
Endrin Ketone	0.010	ND:	ND	
Heptachior	0.001	ND	ND	
Heptachlor Epoxide	0.001	ΝD	ND	
Methoxychlor	0,010	ND	ND	teres and the second
Toxaphene	0:020·	ND e	ND	and a second

Sample ID:	Blank	SP-4				
	sta de recenter			· · · ·	 	•
Tetrachioro-m-yviene	75	78	• •			
1 en eu la companya de la companya d			····· ···		 ,. ,	



Organochlorine Pesticides by EPA 8081A

Client: SECOR	Date Sampled:	12/15/04
Project: San Lorenzo Phase II	Date Received:	12/15/04
Job No.: 25529	Date Extracted:	12/16-17/04
Matrix: Soil	Date Analyzed:	12/16-17/04
Analyst: SEC	Batch Number;	PESTS0810

	Sample ID:	SP-5	
Pesticides	RL*	mg/Kg	
Aldrin	0.005	ND	and the second
Alpha-BHC	0.005	ND;	
Beta-BHC	0.005	ND	and the second state of th
Delta-BHC	0,005	NO	an an tha an
Gamma-BHC (Lindane)	0.005	ND	анний (113) — салада
Chlordane	0.050	ND	
4,4'-DDD	D.010	ND	
4 A-DDE	0,010	ND;	
4,4'-DDT	0.010	ND	and the second
Dieldrin	0.010	ND:	wiking tin in in the standard state in the state of the
Endosulfan I	0.005	ND	and the second
Endosullan II	0.010	ND:	et et di general de la composició de la com
Endosulfan sulfate	0.010	ND	and the second
Endrin	0:010:1	ND:	
Endrin Aldehyde	0.010	ND	a second
Endrin Ketone	0.050	ND	
Heptachlor	0.005	ND	and a second
Heptachlor Epoxide	0_005 <u>.</u>	s : ND	
Methoxychlor	0.050	ND	a nan serie an ing series statistics and an
Toxaphene	0.10.10	ND	na na na na kata na
"The sample was analyz	ed at a dilution i	due to sai	mple matrix effects; consequently, Reporting Limits were raised.

Sampl	e ID: SP-5	
Tetrachloro-m-xylene	84	 • • • • • •
an an an Arthur ann an Arthur a Arthur an Arthur an A		



12/16/04 12/16-17/04

12/16-17/04

PESTS0810

Organochlorine Pesticides by EPA 8081A

Client:	SECOR
Project;	San Lorenzo Phase II
Job No.:	25529
Matrix:	Soll
Analyst:	SEC

Date Sampled: Date Received: Date Extracted; Date Analyzed: Batch Number;

Sam	ple ID:	SP-6	
Pesticides	RL*	mg/Kg	
Aldrin	0.020	ND	the second se
Alpha-BHC	0.020	ND	
Beta-BHC	0.020	ND	
Delta-BHC	0.020	, ND C	Need and the second state of the
Gamma-BHC (Lindane)	0.020	ND	
Chlordane	0.20	ND.⊹	
4,4'-DDD	0.040	ND	
4,4-DDE S ALC CONSTRACTS	0.040	;∵∷ND':.}	
4.4'-DDT	0.040	ND	and the second
Dieldrin	0.040	ND	
Endosulfan I	0.020	ND	
Endoșulfan II	0.040	ND	
Endosulfan sulfate	0.040	ND	the mathematical states and the states and the states and the
Endrin	0.040	ND .	
Endrin Aldehyde	0.040	ND	and the second
Endrin Ketone	0,200	ND.	
Heptachlor	0.020	ND	and the second state and the second state of the second state of the second state of the second state of the se
Heptachlor Epoxide	D,020	ND .	
Methoxychlor	0,200	ND	ورواف المراجع والمراجع فالمعام والمراجع والمراجع
Toxaphene	0,40	ND:	

*The sample was analyzed at a dilution due to sample matrix effects; consequently, Reporting Limits were raised.

Sample	ID: SP-6	 	
	• • • • • • • • • • • • • • • • • • •		
Tetrachloro-m-xylene	81	 	

PRELIMINARY RESULTS SUBJECT TO CHANGE PENDING QAVQC REVIEW

Organochlorine Pesticides by EPA 8081A

Client:SECORProject:San Lorenzo Phase IIJob No.:25529Matrix:SollAnalyst:SEC

Date Sampled:12/15/04Date Received:12/16/04Date Extracted:12/16-17/04Date Analyzed:12/16-17/04Batch Number:PESTS0810

	Sample ID:	SP-7	
Pesticides	RL*	mg/Kg	
Aldrin	0.010	ND	
Alpha-BHC		: ND	
Beta-BHC	0,010	ND .	
Delta-BHC	0.010	ND	
Gamma-BHC (Lindane)	0.010	ND	
Chlordane.	0.10	ND	
4,4'-DDD	0.020	ND	
4,4'-DDE	0.020	ND	
4,4'-DDT	0.020	ND	when the second statement of the second statement of the
Dieldrin	0,020	ND	en ander ander en
Endosulfan I	0,010	ND	A MARY IN CONTRACTOR OF A CONTRACT
Endosulfah It	0.020	ND	
Endosulfan sulfate	0.020	ND	and the second
Endrin	0.020	ND	nya 1996 yang kanalasi yang kanalasi kanala na kana Manala
Endrin Aldehyde	0.020	ND	
Endrin Ketone	0.100	ND	
Heptachlor	0.010	ND	and the second
Heptachlor Epoxide	0.010	ND.	the second to a state of the second
Methoxychlor	0.100	ND	www.energia.com.com.com.com.com.com.com.com.com.com
Toxaphene	0.20	ND	
*The sample was analyz	ed at a dilution	due to sa	mple matrix effects; consequently, Reporting Limits were raised.

Sample ID:	SP-7	
	na na sana na sana kana kana kana kana sana s	• •
Tetrachloro-m-xviene	87	

PCBs (Polychlorinated Biphenyls) by EPA 8082

PRELIMINARY RESULTS

Client:	SECOR
Project:	San Lorenzo Phase If
Job No.:	25529
Matrix:	Soil
Analyst:	SEC

Date Sampled: Date Received: Date Extracted: Date Analyzed: Batch Number:

12/15/04 12/18/04 12/16-17/04 12/16-17/04 PCBS0810

	Sample ID:	Blank	5B-7@ 8'	SB-8@ 8'	SB-9@ 8'		
DCBr	RL	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
	0.050	ND	ND	ND ND	ND	, · · · · ·	
	2, ·, ·e·===	ND	ND	ND	ND		
Arocior-1221	ບອີດອີດສາດ ເພື່ອນອາດສາກສາດ	ND	ND .	ND	ND	· · · ·	· · ·
Arocior-1232	0.050	ND	ND	ND	ND		
Arocior-1242	പ്പം പ്രകാരം പ്രകാരം പ്രകാരം	NIN C		ND ···	ND :	,	
Aroclor-1248	0.050	E SANGER ST. S. NUS	ND	ND	ND	•	
Aroclor-1254	0.050	ND Chiltree of		NID .	ND		
Arncior-1260	0 050	<u>NÐ</u>			11,12		

(Acceptance Limits: 50 - 150%) nates in % Recovery

Sollonares III // Kenner						
Sample	D: Blank	SB-7@ 8'	SB-8@ 8'	SB-9@ 8'		
						· ·
	and the second second	· · · · · ·			•	
	75	91	79	85		
Tettaculoto-UI-XAlette	and a service of the second	State States and States	1.1.1.1.1.1.1.1			. •
				A state of the second s		<u> </u>

PRELIMINARY RESULTS SUBJECT TO CHANGE PENDING QAVQC REVIEW

C6 to C40 Hydrocarbons by GCMS and GC/FID

Client:	SECOR
Project:	San Lorenzo Phase II
Job No.:	25529
Matrix:	Soil
Analyst:	GF / TPW

Date Sampled: 12/15/04 Date Received: 12/16/04 Batch Number: MS2TPHGS773 MS2TPHGS774 8015DS3355

Cauthen Chain Length	C6-C12	C12-C22	C22-C40
Reporting Limits:	0.50	10	10
Units	mg/Kg	mg/Kg	mg/Kg
Method Blank	ND	ND	ND
SB-2@2'	ND	ŃD	ND
SB-2@S	ND	ND	ND
SB-7@8'	ND	ND	ND
SB-8008'	ND:	500	1,400
SB-9@8'	ND	200	600
			••••• ••••
		an shekarar ta shekarar Shekarar ta shekarar	<i>.</i>
	an a		
		en, monavinatis en telèn i La subtración	
jan (Sector Roods) (C	en ander Sternensburgeren. Statistische Sterne Statistic		• • •
		n an tha an	;
Method: Date Extracted: Date Analyzed:	SCMS N/A 12/18/04	GC/FID 12/18/04 12/17/04	GC/EID 12/16/04 12/17/04

Page 1 of 1

7.10

Volatile Ö	rganic (Compounds	by	EPA	8260B
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Client:	SECOR
Project:	San Lorenzo Phase
Job No.:	25529
Matrix:	Şoll
Analyst:	GF

Date Sampled: Date Received: Date Analyzed

PRELIMINARY RESULTS SUBJECT TO CHANGE PENDING QAVQC REVIEW 12/15/04 12/16/04

	Date A Batch	Analyzed: Number:	12/16/04 MS28260S773 MS28260S774		
SB-4@2	SB-4@5'	SB-5@2	SB-5@5'	SB-	
ma/Ka	mg/Kg	mg/Kg	mg/Kg	m	
ND	ND	NĎ	ND	1	
ND	ND	ND;	ND		
NĎ	0.003	ND	ND	t	

· <u>····································</u>	Sample ID'	Blank	SB-4@2	\$B-4@5'	SB-5@2	SB-5@5'	SB-6@2'
Compounds	RL	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Compounds	0.050	ND	ND	ND	NĎ	ND	ND
ACEIDIE Hast Mariol Mathul Ether (17	Δ₩ĖŶ [™] 0.005: ¹	ND	ND	ND .	-ND	ND	ND ·
Bessess Fettewistiki (kizidaki zakateli (bi	0.001	ND	NĎ	0.003	ND	ND	ND
Belizene	0:005	ND	ND	ND	ND	ND .	ND ·
Bromobleromethane	0 005	ND	NP	ND	ND	ND	ND
Bromocinoromethane	· · · 0.001 · ·	ŃĎ	S. ND	ND	ND	ND· ·	ND.
Brombolomoromeniane	0.005	ND	ND	ND	ND	ND	ND
Bromoiom	0.005	ND ND	ND /	ND.	ND .	ND	ND
Bromoniesnale.	0.020	ND	ND	ND	ND	ND	ND
	0.010	" ND	ND .	. ND	ND	ND	ND.
Z-Butanone (MEN)	0.002	ND	ND	0.050	ND	ND	ND
n-Bulyipenzene	0.0027	· ···ND	ND	ND	ND	ND	ND
Sec-Bulyidenzene	0.002	ND	ND	0.002	ND	ND	ND
C-moulyinell2File	: <u>````````````````````````````````````</u>	ND.	ND.	· ND	ND	ND	ND
Cashaa tatmablarida	0.001	ND	ND	ND	ND	ND	ND
Carpon tellacitionide		NE	NOT	III IND	ND .	ND	ND:
Ohleresthese	0.005	ND	ND	ND	ND	ND	ND
Chloroenane	0.002	ND	Stan ND and	····ND ···	ND.	ND.	ND
Childreidini	0.001	ND	ND	ND	ND	ND	ND
	0.002	ND	ND	ND	ND	ND	ND
Z-Chlorotoluene	0.002	ND	ND	ND	ND	ND	ND
14-Chiorotoluene	6.002	ND "	B ST TND	ND .	ND	,ND	ND
	0.002	ND	ND	ND	ND	ND	ND
1,2-Dibromoethalie		ND	BE CND .	ND -	ND-	ND	ND
Dirementpage	0.001	ND	ND	ND	ND	ND	ND
	0.001	ND ND	ND.	ND	ND	ND ·	··· ND
	0.002	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	 		ND	ND ·:	ND .	ND	ND
Discloredilluoromethene	0.005	ND	ND	ND	ND	ND	ND
	0.001	ND	· · ND' .	NÐ NÐ	ŅÐ	ND	ND
1 O Disblareathons	0.001		ND	ND	ND	ND	ND
1,2-Dichioroeurane	ំ ហ៍ព័ទ័	ND	TO ND	ND .	ND	ŅD	ND
	0.002	ND	ND	ND	ND	ND	ND
CIS-1,2-DICNIOFOEthene	ພະບານພະບານ	ND:	- ND - A	ND ···	ND:	ND P	ND,
trans-1,Z-biomoroetnent	0.00Z.3	ND	ND	ND	ND	ND	ND
11,2-Dichloropropane	0.001 	COND.	ND	NĐ.:	ND	ND .	ND
1,3-Dichloropropane		ND	ND	ND	ND	ND	ND
2,2 Dichloropropane	100.0		ND	ND .	ND.	ND	. ND
[1,1-Dichloropropene.			<u></u>				

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Client:	SECOR
Project:	San Lorenzo Phase II
Job No.:	25529
Matrix:	Soil
Analyst:	GF

Date Sampled:
Date Received:
Date Analyzed:
Batch Number:

12/16/04	
12/16/04	
MS28260S773	
MS28260S774	

Compounds RL m cis-1,3-Dichloropropene 0.001 I trans-1,3-Dichloropropene 0.001 I Diisopropyl Ether (DIPE) 0.005 I Ethyl benzene 0.001 I Hexächlorobutadiene 0.001 I 2-Hexanone 0.001 I p-lsopropylbenzene 0.001 I p-lsopropylbenzene 0.002 I	ank SB-46	@2' SB-4@5'	' SB-5@2	<u>58-5@5'</u>	SB-6@2'
cis-1,3-Dichloropropene 0.001 I trans-1,3-Dichloropropene 0.001 I Diisopropyl Ether (DIPE) 0.005 I Ethylbenzene 0.001 I Ethyl tert-Butyl Ether (EtBE) 0.005 I Hexachlorobutadiene 0.001 I 2-Hexanone 0.010 I Isopropylbenzene 0.001 I p-Isopropylbenzene 0.002 I Metnylene ohloride 0.050 I	g/Kg mg/ł	Kg mg/Kg	mg/Kg	mg/Kg	mg/Kg
trans-1,3-Diobioropropehe 0.001 Disopropyl Ether (DIPE) 0.005 Ethylbenzene 0.001 Ethyl tert-Butyl Ether (EtBE) 0.005 Hexachlorobutadiene 0.001 2-Hexanone 0.010 Isopropylbenzene 0.001 p-Isopropylbenzene 0.002 Methylene ohioride 0.050	ND ND) ND	ND	ND	ND
Disopropyl Ether (DIPE) 0.005 Ethylberzene 0.001 Ethyl tert-Butyl Ether (EtBE) 0.005 Hexachlorobutadiene 0.001 2-Hexanone 0.010 Isopropylbenzene 0.001 p-Isopropylbenzene 0.002 Methylene ohloride 0.050	ND NE) ND	ND	ND	ND
Ethylbenzene 0.001 Ethyl tert-Butyl Ether (EtBE) 0.005 Hexächlorobutadiene 0.001 2-Hexanone 0.010 tsopropylbenzene 0.002 p-lsopropyltoluene 0.002 Methylene ohloride 0.050	ND ND	ND ND	ND	ND	ND
Ethyl tert-Butyl Ether (EtBE) 0.005 Hexächlorobutadiene 0.001 2-Hexanone 0.010 Isopropylbenzene 0.002 p-Isopropyltoluene 0.002 Methylene ohloride 0.050	ND: NC	0.007	0.002	ND	ND
Hexachlorobutadiene 0.001 2-Hexanone 0.010 Isopropy/benzene 0.002 p-lsopropy/benzene 0.002 Methylene phloride 0.050	ND ND) ND	ND	ND	ND
2-Hexanone 0.010 Isopropylbenzene 0.002 p-lsopropyltoluene 0.002 Methylene ohloride 0.050	ND NL	ς GN	ND	ND	ND
isopropylbenzene 0.001 p-lsopropyltoluene 0.002 Methylene ohlaride 0.050	ND NC	ND CN	ND	ND	ND
p-lsopropyltoluene 0.002 Methylene ohloride 0.050	ND NI	0.030	ND	ŅD	ND
Methylene chloride	ND NL	0.004	ND	ND	ND
Racinfrend American Set 3.7 - 2006 - 192	ND: SHE	DE E ND	ND:	ND	, ND
A Mothyl_2-pentanone 0.010	ND NL	D ND	ND	ND	ND
Norby Harrania Eksy MAREN O.005	ND	5	ND	ND.	ND
Nanhthalana 0.002	ND NL	0.088	ND	ND	ND
n Dronvinentene	NECTION	5	'ND	ND	ND
Shirene 0.001	ND NI	D ND	ND	ŅD	ND
1,1 1/2 Detrachlorgethane	ND SHOLIN	D. ND.	ND	ND	ND
1 1 2 2-Tetrachloroethane 0 002	ND NI	D ND	ND	ND	ND
Totrachierochare	ND	Ď [®] NĎ· [‡]	ND.	ND .	ND
Toluene 0.001	ND NI	D ND	ND	ND	ND
1 3 3 Trichlamhonzona	ND NI	D ND	ND	ND	ND.
1.2 4. Trichlorohanzana 0.002	ND N	D ND	ND	ND	ND
1 1 1 Trichtornethane	ND N	D ND	ND	ND	ND
1 1 2 Trichlorgethane 0.003	ND N	D ND	ND	ND	ND
Trichlorosthepe	ND	D. ND	ND .	. ND'	ND
1 2 3-Trichloropropage 0.003	ND N	D ND	ND	ND	ND
Tricfloroflioromatione 23 25 200 001	NDESSAN	D ND	I I I ND	ND	ND
Trichlorotrifluoroethane 0.005	ND N	D ND	ND	ND	ND
4 9.4. Trimethalbenzene	NO	D	. : ND	ND	ND
1.3.5-Trimethylbenzene 0.001	ND N	0.002	ND	ND	ND
Vinul ohlorida	IND PERCEN	ND ND	· : ND :	ND	ND
Xvianes m-n- 0.002	ND N	D 0.005	0.009	ND	ND
Salene ne provinské solo se					

Surrogates in % Recovery (Acceptance Limits: 70 - 130%)

.....

Sundgates in A Recovery	le ID Blank	SB-4@2'	SB-4@5'	SB-5@2'	SB-5@5'	SB-6@2
Sam		98	96	99	.88	98
Diptomotiniciometrarie	NDO 100 100 100 100 100 100 100 100 100 10	00	100	98	100	99
Toluene-d8			102	91	101	94
Bromofluorobenzene	101					

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PRELIMINARY RESULTS SUBJECT TO CHANGE PENDING QAVQC REVIEW

Client: SECOR Project: San Lorenzo Phase II Job No.: 25529 Matrix: Soil Analyst: GF Date Sampled: Date Received: Date Analyzed: Batch Number: 12/15/04 12/16/04 12/16/04 MS28260S773 MS28260S774

Sample ID:	SB-8@5'
Compounds RL	mg/Kg
Acetone 0.050	ND
tert-Amyl Methyl Ether (TAME) 0,005	
Benzene 0.001	ND
Bromobenzene	
Bromochloromethane 0.005	ND
Bromodichloromethane 0.001.	
Bromoform 0.005	ND
Bromomethane	en en ser en
tert-Butanol (TBA) 0.020	ND
2-Butanone (MEK) 0.010	A AND INDIANA AND AND AND AND AND AND AND AND AND
n-Butylpenzene 0.002	ND
sec-Butylbenzene	A A A A A A A A A A A A A A A A A A A
tert-Butylbenzene 0.002	ND
Carbon disulfide	si betaNRB e se da la la companya da la companya d
Carbon tetrachloride 0.001	ND
Chloropenzene 0.001	ND STATES
Chloroethane 0.005	ND Martin Alexandria de la companya de
Chloreform 0.002	
Chloromethane 0.001	
2-Chlorotoluene 0:002	
4-Chlorotoiuene 0.002	ND
Dibromachioromethane 0.002	(A) Base and the second state of the first state of the second
1,2-Dibromoethane 0.002	
1,2-Dibromo-3-chloropropane 0.010	n in the second
Dibromomethane 0.001	ND
1,2-Dichlorobenzene	e de INPECTANE A contrate de la contrate
1,3-Dichlorobenzene 0.002	ND
1 4-Dichloropenzene	ng sga s i Na ngangang na
Dichlorodifluoromethane 0.005	
1,1-Dichlorosthane 0.001	eren en Barrande en
1,2-Dichloroethane 0,001	
1,1-Dichloroethene 0.005	
cis-1,2-Dichloroethene 0.002	ND
trans-1,2-Dichlorosthene 0,002	r fer en NDD - tal an
1,2-Dichloropropane 0.001	
1,3-Dicfilerepropane 0.001	
2,2-Dichloropropane 0.001	ND
1 1-Dichloropropene 0.001	en la serie NDRAT la sus sus sus sus sus sus sus sus sus su



SECOR Client: Project: San Lorenzo Phase II Job No.: 25529 Matrix: Soil Analyst: GF

Date Sampled: Date Received: Date Analyzed: Batch Number:



<u></u>	Sample ID:	SB-6@5'
Compounds	RL	mg/Kg
cis-1,3-Dichloropropene	0.001	ND
trans-1 3 Dichloropropene	0.001	An NOR AND STREET STREET STREET AND
Dilsopropyl Ether (DIPE)	0.005	ND
Etnylbenzene	0.001	en se no belle se
Ethyl tert-Butyl Ether (EtBE) 0.005	ND
Hexachlorobutadiene	0.001	en en ND alter de la companya de la
2-Hexanone	0.010	ND
Isopropylbenzene	0.001	ND .
p-Isopropyltoluene	0.002	ND
Methylene chloride	0:050	en ya NDaguna kata kata kata wata kata kata kata kat
4-Methyl-2-pentanone	0,010	ND And a second state of the second
Methyl tert-Butyl Ether (Mt	3E) 0.005	n an an ND-singer and an
Naphthalene	0.002	
n-Propylbenzene	0.001	HEIND MANNEL GETER 12 JULY AND
Styrene	0.001	
1, 1, 1, 2-J etrachloroethane	0.001	NE NE STATION STATION
1,1,2,2-Tetrachloroethane	0.002	
Tetrachloroethene	0.001	
Toluene	0.001	UN 1946 - Constant Marketter, and a state of the
1,2,3-Trichloropenzene	0.002	gg bagen geseinen ander vielgeten gestellte gestellte versten in der beitere ersten einen sollte sollte ersten No
1,2,4-Trichlorobenzene	0,00 <u>2</u> 1 ////////////////////////////////////	UU A server a s
1,1,1-Trichloroethane	0.001	
1,1,2-Trichloroethane	0.003	ND Second president of the South of t
Trichloroethene	0.001.	
1,2,3-Trichloropropane	0.003	
Trichlorofluoromethane	0.001	ND ND
Trichlorotrifluoroethane	200.0 1466.00	nda A service and the service of the serv
1,2,4-Trimethylbenzene		ND MD
11,3,5-Trimethylbenzene	0,001	IND. A MARKAN MARKAN AND A MARKAN AND AND AND AND AND AND AND AND AND A
Vinylichloride		
Xylenes, m-,p-	0.002	UNI 1. – Constitution of the Constit
Xylene, o-	0.001	

Surrogates in % Recovery (Acceptance Limits: 70 - 130%)

Samp	le ID: SB-60	£5'					 	
Dibromofluoromethane	97. See See See See See See See See See Se				·: ·;		 	
Toluene-d8	99	l j t						•• •
Bremelluerobenzene	99		<u> </u>	<u></u>		· · · · · ·	 	

.

Page 2 of 2

PRELIMINARY RESULTS SUBJECT TO CHANGE PENDING QA/QC REVIEW

Volatile Hydrocarbons as Gasoline by GCMS

Client: Project: Job No.: Matrix: Analyst:	SECOR San Lorenzo Phase II 26529 Soil GF	Date Sampled: Date Received; Date Analyzed: Batch Number;	12/15/04 12/16/04 12/16/04 MS2TPHGS773 MS2TPHGS774
--	--	--	--

	Reporting	Volatile Hydrocarbons as
	Limit	Gasoline
Sample ID	mg/Kg	mg/Kg
Method Blank	0.50	Na internet in the State of S
SB-4@2'	0.50	ND
SB 4@5	0.50	is and the second s Is a second s Is a second s Is a second s Is a second
SB-5@2'	0.50	
SB-5@5	0.50	and a characteristic in the same of ND . The second s
SB-6@2'	0,50	ND
SB-6@5	0.50	ND CONTRACTOR
an an an an Array (1977) An Array (1977) An Array (1977)	e and a by the strategical gradient and a strategical	
	- Alexandra (Alexandra) Alexandra (Alexandra) Alexandra (Alexandra)	
an a		ne ne se
	ante a due name a concerna da Sente a due nomento ante da casa	

Page 1 of 1

Volatile Hydrocarbons as Gasoline by GCMS

	Peporting	Volatile Hydrocarbons as
	Limit	Gasoline
	mg/l	mg/L
Sample ID Method Blank	D.\$0	ND
UD.9	0.50	ND
	per en la companya de la companya d la companya de la comp A de la companya de l la companya de la comp de la companya de la la companya de la comp de la companya de la companya de la companya de la companya de la companya de la co	
	til 12 1. 19	PRELIMINARY RESULIS
an a	ուրերությունը ու երանական համար համար հայտնությունը։ Դարիս հայտնությունը հայտներին հայտնությունը հայտներին հայտներին։ Դարիս հայտներին հայտներին հայտներին հայտներին հայտներին հայտներին։ Դարիս հայտներին հայտներին հայտներին հայտներին հայտներին հայտներին։ Դարիս հայտներին հայտներին հայտներին։	SUBJECT TO CHANGE
a diga tanàna mandri dia mangkangkangkangkang tang tang dia. Na tanàna mangkangkangkangkangkangkangkangkangkangk	anan na marina na falana kakan karan karana. Ngha na marina na karana na marina na Ngha na marina na mar	PENDING QA/QC REVIEW
	In Markenhall education are considered for the constraint of the second s second second second second second second second second se	



Organochlorine Pesticides by EPA 8081A

	Client: Project: Job No.: Matrix: Analyst:	SECOR San Lorenzo Ph. II 25541 Soll SEC	Date Sampled; Date Received; Date Extracted; Date Analyzed; Batch Number;	12/17/04 12/18-17/04 12/18-17/04 PESTSD810
--	--	---	---	---

	Sample ID:	Blank	SP-1	SP-3	
Pacticides	RL*	mg/Kg	mg/Kg	mg/Kg	
Aldrin	0.050	ND	ND	ND	n na mana na mana kana kana kana kana ka
	0.050	ND	ND	ND	
Rete-BHC	0.050	ND	ND	ND	ana ana tana mana kata kata kata kata kata kata kata k
	0.050	ND	ND	ND	n de fan de f Fan de fan de Fan de fan de
Gamma-BHC (Lindane)	0,050	ND	ND	ND	
Chinrdane	0.50	ND	ND	ND	na sena para para para per seriente en entre en la para cara para para para per per per per per per per per pe Per per per per per per per per per per p
4.4'-DDD	0.10	ND	ND Senalt if the become senalts	ND	
4.4 DDE	0 10	ND	ND	ND	na shina dan baran kasar na na bar shina a tara na tara a shina na tara na shina a tara a shina a shina akar ka Kasar
4.4'-DDT	0.10	ND	ND Substantiation	NU	an a
Dielan	D. 10	ND se	<u>Sene</u>	ELENRES ND	
Endosulfan	0.050	ND			ان از این از مان از مان با با می می با در مین می از می می از می می از می می از می از می از می از می می می می م از می می از می از می
Endosulfanil	0.10	ND	sse Neer		an a hear hainn an saiste a' bhainn na 2006 na thainn an sheinn their ann a' an dar i an dar i an dar Na h-rinn an antaichteach sean an sean 1975. An h-rinn an antaichteach sean an sean 1975.
Endosulfan sulfale	0,10	ND	ND		n de la companya de La companya de la com A companya de la comp
Endrin	0,10	ND	SALE ONDERA	ND	ali na kana na sa na kana na sa na kana kan
Endrin Aldehyde	0.10	ND	ND Materiae Aberta		ار و در در از ۱۹۸۵ با افرادی که افراد در در در میکند. این و به از میکند با در این از این از میکند با در این از میکند و این و این از میکند در این از این و این از این این از میکند و این و این از این از این از این از این این این این و این و این و این و این و این و این از این و ا
Endrin Kelone	0 50	Sec.NQ at	ND ND	ND	
Heptachlor	0.050	ND Croomaces		NUM	
Heptachlor Epoxide	0.050	ND	ND	ND	
Methoxychlor	0.50	NU Second	ND SCORNESS		որ ծեղ միջի հիրքերը ու երանան է ու երանություններին երանան է հետում է հետում է հետում է հետում է հետում է հետո Հայունների հետում երանում է հետում է հե Հայունների հետում երանի հետում է հետում
Toxephene	1.0	NB	condensel¥Lénde	ffects: CODSE	quently, Reporting Limits were raised.
*The samples were analyzed at a dilution due to sample matrix effects, consequency reporting and					

Surrogates in % Reco	verv (Accer	otance Limi	ts: 50 - 150 <u>%)</u>		
Suirogatos in Arteos	Sample ID:	Blank	SP-1	SP-3	
- Second State (Second State) and second State) and	an tanan ku dharan ku dharan dhi da yar ya Ci a tanan ƙasar ƙasar ƙasar ƙasar ƙasar ƙasar ƙasar	- 200 200 - 200 - 200 - 200 - 200 201 - 200 - 201 - 201 - 201 	الم الي الحريق المراجع الم المراجع الم المراجع المراجع المراجع المراجع المراجع	dan ber anders bei an der ander samer der Anders i Samer sollten der anders anders bei Anders i Samer sollten der anders bei der	and a second
Teirachioro-m-XViBD8		75	85	94	المراجع المراجع المراجع المراجع
		and a second sec			

Organochlorine Pesticides by EPA 8081A

Client:	SECOR	Date Sampled:	12/15/04
Project:	San Lorenzo Ph. II	Date Received:	12/17/04
Job No.:	25541	Date Extracted:	12/16-17/04
Matrix:	Soil	Date Analyzed;	12/17/04
Analyst:	SEC	Batch Number;	PESTS0810

······	Sample ID:	SP-2	
Pesticides	RL"	mg/Kg	
Aldrin	0.10	ND ND	
Alpha-BHC	0.10	ND	Webshand be experted a lawe shakes in a strategy definition of AUL 2000. I define an AUL 2000 a strategy and a strategy and a strategy and an and an and an analysis and a strategy and a I define a strategy and a strategy and a strategy and a strategy and an and an and an analysis and a strategy a
Beta-BHC		ND	ու արան աներան անդաման անդաման անդաման անդաման մանում է մանդանան նաև ու արդեն ներն է են նաև են նատեսան անդաման Հանրահատանությունը է դեռնել է հանձան դեռնելու է հատանությունը հանձան է հետում է հանձան ու էլ է հանձան են են եւ է Հանրահատանությունը հանձան հանձան է է հատանությունը է հանձան է հետում է հետում է հետում է է հանձան է է է է հանձա
Commo-BHC (Lindane)	0.10	ND	na na manana na manana na manana na manana na manana na manana ta manana ta manana manana mana m
Chlordane		ND	ብ መድረግ የሚያስት የሚያስት የሚያስት የሚያስት የሚያስት እንድ የሚያስት የሚያ እ. የሚያስት የሚያስት የሚያስት የሚያስት የሚያ
(4,4'-DDD	0.20 0.20	ND ND	
4,4'-DDT Dialogn	0.20 0.20	ND ND	
Endosulfan I Endosulfan	0,10 0,20	ND ND	
Endosulfan sulfate Endrin	0.20 0.20	ND ND	
Endrin Aldehyde Endrin Kelone	0.20 1.0	ND ND	
Heptachlor Heptachlor Epoxide	0.10 0.19	ND ND	ու ո
Methoxychlor Toxaphep8	1.0 2.0	ND ND	the Depending Limits were raised
*The sample was analyz	zed at a dilution	due to sa	ample matrix effects; consequently, Reporting Limits were related

(Acceptance Limits: 50 - 150%)
ACCEDIANCE LINNA. OU

Surrogates in % Recovery (Acceptance Linitation	
Sample ID: SP-2	a navy a have a present and the hereities as she to the her an include the second states of the second states
Construction of the con	ት በሚያስት የሚያስት የሚያስት የሚያስት የሚያስት የሚያ የሚያስት የሚያስት የሚያ
energia energia Energia energia	ي اور در دو اندون در دو
Tetrachioro-m-xylane	unde hendermennen af stillen foar de einer oar af de linder fer en einer af de stillen een einer al. De stille Neer einer stillen en af stillen foar alle stillen af de stillen ander sen einer einer einer einer einer einer d Hen einer af de stellen einer einer af de stillen einer e
- ებარელისთაბება და არ კა კაქმანაბად კარკატი სააფართა ურიკაც ტარკარა კა თხალა კა კანარერები დახორი იქილი დეფება და აღალია რელა, კარარებილი და ფიინდინადიანა კანკალა და და და ვრებად რელა ტარკალა რელითა კანსა იქარება კანკალა და	

Client:	SECOR
Project:	San Lorenzo Ph. II
Job No.	25541
Matrix:	Water
Analyst.	CP

Date Sampled:	12/16/04
Date Received:	12/17/04
Date Analyzed:	12/17/04
Balch Number:	MS48260W3377

	Sample ID:	Blank	HP-2	HP-3	
	Saluhia ini	μg/L	μg/L	μg/L	
Compounds	50	ND	ND	ND	we want at a summer of a state of a state of the state of the state of the
Acetone	Werner School	NÖ Ö	NDES	ND	
tert-Amy Melny Energia	05	ND	ND	ND	a second a s A second a se
Benzene		ND	ND	ND	երին հետում է։ Գերում են ու մեր հետում է հետում Հայու Հայուն պահում է հետում է Այն հետում է
Bromobenzene	1 0	ND	ND	ND	الم المالية من المالية من المالية المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المرا المراجعة المراجعة الم
Bromochloromeinane	n an tai 12 staite Chile an tai 12 staite Chile an tai sear Dadha an	S ND	C ND	ND See	and an an an ann an
Bromodichloromethane	0.5	ND	ND	ND	a na anna an tha anna an taonach a chuirte an thriadh anna a chuir an tao an tao. Taonachta ann an taonachta ann an taonachta an taonachta an taonachta an taonachta an taonachta an taonachta an
Bromoform		ND	ND	ND	անաստանական համարան կերումները՝ հայտներին՝ էրունը հայտները հայտների հայտների հայտներին։ Վարդինի էրունը հայտներ Ապահանական հայտների հայտներին հայտներին էրունը հայտներին։ Ապահանական հայտներին հայտներին հայտներին էրունը հայտներին։
Bromomelhane		ND	ND	ND	and a support of the second
tert-Butanol (TBA)			ND	ND	na da mana ang mang mang mang mang mang mang
2-Butanone (MEK)	1 0	ND	ND	ND	a na waana waxaya waxaa ka k
n-Butylbenzene		- No.	ND:	ND	
sec.Bulybenzene	U.D.		ND	ND	DEFLIMINARY HEOUT
tert-Butylbenzene	0.0			ND	CHANGE
Carpon disulfide	General General	NIN STREET	ND	ND	SUBJECT SUBJECT
Carbon tetrachloride	0,5 			ND	
Chlorobenzene	0.5		ND	ND	
Chloroethane	0.5 ⊂ee waaroontee an	NU		NĎ	
Chloroform	05	ND		ND	
Chloromeihane	2.0	ND maarakii		ND	
2-Chlorotoluene	0.5	ND		ND	
4-Chlorotoluene	0,5	ND		ND	(c) Sectors from the sector of the first sector for the sector of the
Dibromochloromethane	05	ND			neerstaar en skult e het is fer en fekken op die kantender in ander en en een en de seerstaar hat deerstaar
1.2-Dibromoethane	0.5	ND	NU Alternational de la companya de la c		
1 2-Dibromo-3-chloropio	pane 10	ND		instruction of the second	
Dibromomethane	0.5	ND	NU		• So the second structure is a single processing the second structure is a second structure in the second structure is a single processing structure is a single processing structure in the second structure is a single processing structure is a single processing structure in the second structure is a single processing structure in the second structure is a single processing structure in the second structure is a single processing structure in the second structure is a single processing structure in the second structure is a single processing structure in the second structure is a single processing structure in the second structure is a single processing structure in the second structure is a single processing structure in the second structure is a single processing structure in the second structure is a single processing structure in the second structure is a single processing structure in the second structure is a single processing structure in the second structure is a single processing structure in the second structure is a single processing structure in the second structure is a single processing structure in the second structure in the second structure is a single processing structure in the second structure is a single processing structure in the second structure is a single processing structure in the second structure i
1 Panichloropenzene	0.5	ND		ND	د د ۱۰ م د د د ۱۳۹۵ که د معرفی کم مرکز میرو در مان این با توریز امیره می این این بینید
1.3-Dichlorobenzene	0.5	ND	NU		
4 4-Dichlorobenzene	0.5	ND	ND.		hada anna a' an a' an a' an a' an a' an a'
Dichlorodifluoromethane	, 0.5	ND The second se			ે છે. આ ગામમાં પ્રાપ્ત કે આવેલું આવેલું કે આવ્યું આ પ્રાપ્ત કે આવ્યું છે. આવ્યું છે કે પૈતી આ પ્રાપ્ત કે પિતાસ ક આવેલું પ્રાપ્ત કે આવ્યું છે. આ ગામમાં આવ્યું છે કે આવ્યું છે કે આવ્યું છે. આ ગામમાં પ્રાપ્ત કે આવ્યું છે કે આવે આ ગામમાં આવ્યું છે. આ ગામમાં આવ્યું છે કે આવ્યું છે છે છે. આ ગામમાં આવ્યું છે છે. આ ગામમાં આવ્યું છે છે. આ ગામમા
1 :- Dichloroethane	0.5.	ND	ND	ND:	and a stand of the second stand s The second stand stand The second stand stand The second stand stand The second stand stand The second stand stand The second stand stand The second stand stand The second stand s Table Stand St Table S
1 2-Dichloroethane	0.5	ND	NU	ND ND ND	ու որ չուրական համար հայ
1 1-Dichloroethene	0.5.	ND	ND	ND	hay year ye days watar in ya an an ay antar ant changeriche the thirt a cannot be to that y has in it and y hay altight to be an an a
cis-1 2-Dichloroethene	0.5	NĎ	ND		n ann an a' bha an tar an ann ann ann ann ann ann ann ann an
tracs d 2. Dichloroethen	0.5	ND	See Strain De S	ND:	i bin ya kuti nakundanna ini nakunjaka paka kutinaka. Ay kutina kuti naku nakun jita dita ta ini ini ini ini i Ingelada, tata dinakuti nakun ini kutinaka tata tata tata.
14 2-Dichloropopane	0.5	ND	ND www.www.co.co.co.co.co.co.co.co.co.co.co.co.co.	NU	an an an ann an an an ann an ann ann an
13 Pichloropiopane		ND	₩		Breef of the state and the state of the state
2.2-Dichloroprobabe	0,5	ND	ND	NU ND	
	0.5	ND	ND.	aa shortNQ b	žiškas na kratevnosti – kale na okonstruktor se

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Volatile Organic Compounds by EPA 8260B

Cllent: SE Project: Sa Job No.: 25 Matrix: W Analyst: Cf	COR In Lorenzo Ph. 541 aler >	Date Sampled: Date Received: Date Analyzed: Batch Number:	12/18/04 12/17/04 12/17/04 MS48260W3377
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	Sample ID:	Blank	HP-2	HP-3	
	RL	μ <u>μ</u> /L	μg/L	μg/L	
Compounds	0.5	ND	ND	ND	e la se la se la servición en su su supri d'El recebitor el contra traba
cis-1,3-Dichloroproperie	0.5	SOND	ND	ND	n Martin (1994), « 19 του
trans-1,3-Dichloropropene.	2012/00/00/00/00/00 E A	ND	ND	ND	μ
Dilsopropyl Ether (DIPE)			CONNELS:	ND	nen en la sectión de la sec La sectión de la sectión de La sectión de la sectión de
Ethylbenzene			ND	ND	44 99 9 9 9 9
Ethyl tert-Butyl Ether (EIBE	5.0	NU Netros 1955		ND	ն որ ուղեց արդենքին համենքը անտանիներին են էն էր
Hexachlorobutadiene	0.5	Secolaria MD	ND	ND	an da an ain an taon an taon an an taon an an ann an ann an an taonach an tao an taonach an tao taonach an taon
2-Hexanone	10	110 110			Հորոնից հետու տեսեւ այս ստել՝ և եւ հայնարողներութները հետ համենքին ինչը՝ չմին, նրչ ունին, են հայնանել է։ Դես տեսը հարտեսակներումը խուս է հայտու հեղենքին հանքեն է։ Դեստի հետուն հետունիս, ինչը՝ էլ հայնակնել էն հանքեն է հայնակել է հայնակել հետուն հետունիս, հետունիս հետունիս, հ
isopropyibenzene			ND	ND	
p-isopropyltoluene	0,5	ND		co de s	antana sa ana ang kang kang kang kang kang kang
Methylere chloride	50	NDrea	ND SC	ND	
4-Methyl-2-pentanone	5.0	ND a. habita zalaizi		AND CONTRACTOR	na n
Methyl-tert-butyl ether (Mt	BE) 1.0	ND: X	NU		
Naphthalene	0.5	ND.	ND AN RUCCE AND	ND CAREACTION	PESTICAL PESTILITY
n.Propy behzene	0.5	9. ° ND:36	n se NB co		
Istvene	0.5	ND	ND		
1 2-Tetrachloroethane	0.5	ND	ND	See New	CORRECT AND INTERVENCE AND
1 1 2 2-Tetrachloroethane	1.0	ND	ND	ND Maren reer	ار داده از ماند و معرف بالمراجع و میروند و میروند. مراجع از مراجع میروند و میروند میروند و میروند و می
Taharbininehiene	0.5	ND	ND	Second Second	
	0.5	ND	ND	ND Notice and the state	
		ND	S S ND S	ND	n an ann an Anna an Anna ann an Anna a Anna Anna
A C A TrichlorobenZeDe	0,5	ND	ND	ND	المراجعين المحالة محمدة معدون معالم من م المحالة الحرارة الحرارة المحالة المحمد المحمدة المحمدة المحمدة المحمدة المحمدة المحمدة محمدة المحمد محمدة محمدة المحمدة الحرارة الحرارة الحرارة المحمدة
	C.5	ND	ND	Section NDS	n 1999 an sha na sha ka
	0.5	ND	ND	ND	eren en e
1,1,2-1 ncnioroeu)ane	0.5	- NØ	ND	S S ND	
Trichloroeinene	0.5	ND	ND	NÐ	an a
1,2,3-Thenloropropane		ND 2	ND	ND	n anno seanna ann ann ann an ann ann ann ann ann
Trichlorofluoromethane	50	ND	ND	ND	
Trichlorotrifluoroeinane		ND	NØ	ND:	ն որովները։ Աներ է հանցել էր անցել էր ներ հանցեն հանցել հանցել հանցել էր հանցել էր հանցել էր հանցել էր հանցել է Արտեսունել է էրել է հանցել էր հանցել էր ները հանցել հանցել հանցել էրենք, որոշ է էլ էլ էրենք հանցել էրենքի էրենք Արտեսուն էրենք էրենք էրենքի հանցել էլ ենքին են էրենքի հանցել էրենքի հանցել էրենքի հանցել էրենքին, որոշ էրենքի հ
1.2.4 Trimethylbenzene	Δ. A.S.	ND	ND	ND	, a , a , a , a , and a providence on the second state of the base
1,3,5-Trimethylbenzene	0.0 •	ND	ND	ND	n syn ei ar 'n fan Sawy yw ei ar yn gann gann fan sawraf ar yn fan Sawra ar yn ar yn ar yn ar yn ar yn ar yn a Cyfrae gan gymer yn ar yn ar yn ar yn ar yn ar yn gan gan gan gan gan gan gan gan gan yn ar yn ar yn ar yn ar y Ar yn ar yn a gan gyn a gan ar yn ar yn Gann ar yn ar gan
VinyEchloride	4.0	n an an Alberta ND	ND	ND	and a second
Xylenes, m-,p-	1.0 100-00-00-00-00-00-00-00-00-00-00-00-00-	nd Sectors	NO	ND	ersenende en en bil station in de station de la statio Reference de la station de l La station de la station de
Xvlene D-	0.5	110		0.1.1.2.2.25 0.00 40003	

	ince Limits	: 70 - <u>130%)</u>		
Sample ID:	Blank	HP-2	<u> </u>	and the second
molluoromelhane	98	98	⊖ 97	ે કે પ્રેન્ટર કે પ્રેન્ટ્રેટ પ્રેન્ટ્રેટ પ્રેન્ટ્સ પ્રેન્ટર પ્રેન્ટર કે પ્રેન્ટર કે પ્રેન્ટર કે પ્રેન્ટર પ્રેન્ટર સ્ટેન્ટર સ્ટેન્ટર સ્ટેન્ટર સ્ટેન્ટર સ્ટેન્ટ
iene-d8	99	97	97 ::::::::::::::::::::::::::::::::::::	ا میں ایر بی میں بی ایر ایر ایر ایر ایر ایر ایر ایر ایر ای
	104	10 <u>2 :: : :</u>		the function of the state of th

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-SRELIMINARY RESULTS SUBJECT TO CHANGE PENDING QAJQC REVIEW

1 - -

Volatile Hydrocarbons as Gasoline by GCMS

Client:	SECOR
Project:	San Lorenzo Phase II
Job No.:	25529
Matrix:	Water
Analyst:	CP

Date Sampled:	12/15/04
Date Received:	12/16/04
Date Analyzed:	12/18/04
Batch Number:	MS4TPHGW3376

	Reporting	Volatile Hydrocarbons as
	Limit	ma/L
Sample ID Method Blank	mg/L 0.50	ND.
HP-1	0.50	ND
HP-5	0.50	
	reneur n' pi dure	



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Page 1 of 1

PRELIMINARY RESULTS SUBJECT TO CHANGE PENDING QAVQC REVIEW

Client: SECOR Project: San Lorenzo Phase II Job No.: 25529 Matrix: Water Analyst: CP Date Sampled: Date Received: Date Analyzed: Batch Number: 12/15/04 12/16/04 12/16/04 MS48260W3376

	Sample ID:	Blank	HP-1	HP-4	<u>HP-5</u>	
Compounds	RL	μg/L	μg/L	μg/L	μg/L	
Acetone	60	ND	ND	ND	ND	· .
Hor Amid Methyl Ether Th	MET 50.	ND	ND	ND	ND	
Popzone	0.5	ND	ND	ND	ND	
Bromobenzene		ND:	ND	ND	ND	
Bromochloromethane	1.0	ND	ND	ND	ND	
Bromodichloromethane	0.5	ND .	: ND	ND	ND ND	
Bromoform	0.5	ND	ND	ND	ND	
Bromomethane	2.0	ND	ND	ŅD.	ND	
tert-Butanol (TBA)	10	ND	NÞ	ND	ND	
2. Britanne MEK	1 	ND	ND	··∶.ND·∶	ND	
n-Butylbenzene	1.0	ND	ND	ND	ND	
enc-Putylbenzene	0:5	ND	ND	ND	ND	
tert-Butylbenzene	0,5	NĎ	ND	ND	ND	
Carnon disulfide	10.	ND	ND	ND	. ND	• .
Carbon tetrachloride	0.5	ND	ND	ND	ND	
Chlorobenzene	0,5	ND	ND	ND	ND ND	
Chloroethane	0,5	ND	ND	ND	ND	
Chloroform	0.5	ND	,	ND.		
Chioromethane	2.0	ND	ND	ND	ND	· · · · · · · ·
2-Chlorotoluene	0.5	ND	ND	ND	ND	·· ··· · ·
4-Chlorotoluene	0.5	ND	NĎ	ND	ND	
Dibromachloromethane	05	ND:	ŇD '	ND	ND	· · ·
1.2-Dibromosthane	0,5	ND	ND	ND	ND	• • • • • • •
1 2-Dipromo-3-chloropro	pane 10	ND	ND	· ND	ND	· · · ·
Dibromomethane	0,5	ND	ND	ND	ND ND	
1.2-Dichlorobenzene	0.5	NO	ND .	, , `;ND ∙.		
1.3-Dichlorobenzene	0.5	ND	ND	ND Statute 13		
1 4-Dichlorobenzene	0.5 ×	· · · · · NØ	ND.	est en NP : L		
Dichlorodifluoromethane	0.5	ND	ND	ND ND	NU	ی دور در دور ا
1.1-Dichloroethane	0.5	ND:	ND	ND	שאיייייני	· · · ·
1.2-Dichloroethane	0.5	ND	ND	ND	ND	
1.1-Dichloroethene	0.5	ND.	ND	• N⊡		
cis-1,2-Dichloroethene	0.5	ND	ND	ND	NU	· · ·
trans-1,2-Dichloroethene	0,5	····ND;·	ND ND	ND-,	uki ji u kiD	. ,
1.2-Dichloropropane	0.5	ND	ND	ND	NU NU	. :
1.3-Dichloropropane	0,5	Ň₽	ND	ND	UN CIV	
2,2-Dichloropropane	0.5	ND	ND	ND	NU 	March and the second second
1 1-Dichloropropene	0.5	ND	<u>arta ND: E</u>	ND	<u>ND</u>	

Page 1 of 2



Client:	SECOR
Project:	San Lorenzo Phase II
Job No.:	25529
Matrix:	Water
Analyst:	CP

Date Sampled: Date Received: Date Analyzed: Batch Number:

12/16/04 12/16/04 MS48260W3376

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	Sample ID:	Blank	HP-1	HP-4	HP-5	
Campana de	RL	μ g /L	μg/L	μg/L	μg/L	
sis 1.3 Dichloropropene	0.5	ND	NÞ	ND	ND .	
CIS-1,3-Dichlotontopene	0,5	NP	ND	NP	ND	
Discorrony/ Ether (DIPE)	50	ND	ND	ND	ND	
Cibulkanzana	0.5	ND	Sé⊷ Se N ⊉ Se	ND.	ND	
Ethylbelizenc	E) 5.0	ND	ND	ND	ND	and the second second second
Liny terebiorobilitarilene		ND: •	····ND	ND.	· · · ND	
O Heropope	10	ND	ND	ND	ND	1
	0,5	ND	ND	ND	-ND	
isopropyltoluene	0,5	ND	NĎ	, ND	ND	
p-isopropyroidene	50	ND:	ND	. ND	ND	•
	5,0	ND	ND	ND	ND	
A-Methyl-2-pendonerse Mt	8E1 - 1.0	ND.	ND	ND	3.3	
Merthidia.bathidana.aada	0,5	ND	ND	ND	ND.	and the second
n Bronvillianzene		in ND	anan nin i	· · · · ND ·	ND.	
Shrape	0.5	ND	ND	ND	ND	
A 1 1 2 Tetrachiotoethane	0,5	ND	ND.	ND	• • ND	
1.5.1.2. Tetrachloroethane	1.0	ND	ND	ND	ND	
Totrachloroethene	0.5	ND	ND	1.3	ND	
Telione	0.5	ND	ND	ND	ND	
14 2 2 Trichleroberzerie:	0. 5	ND	ND ND	ND	, NU	
1 2 A Trichlorobenzene	0.5	ND	NP	ND	ND	
4 X 4 Trichlorgethane			ND		ND	
14.4.2-Trichloroethape'	0,5	ND	ND	ND	ND	· · · ·
Trichloroethene	·····	ND	ND	ND:	: ND	
1 2 3-Trichloron(DP2D2	0,5	ND	ND	ND	ND	
Trichlorofluoromethane	0.5	ND.	ND	NP.	· ND	•
Trichlorotrifluoroethane	5.0	ŅD	ND	ND	ND ND	
1 2 4-Trimethvibenzene	! 0.5	ND	ND.	ND.		
1 3 5-Trimethylbenzene	0.5	ND	ND	ND ND	INL/	
Vinvi chloride	0.5	ND	S S ND S	" , ND		n an
Xvienes. m- P-	1.0	ND	1.0	ND	1.Z	ann an tha chuir a s
Xviene o	0 5	s see ND:	<u></u>	. ND	0.6	

		tance Limits	; 70 - 130%)			 	
Surrogates in 78 Record	Sample ID:	Blank	HP-1	HP-4	HP-5	 	
The second s	Jampio IPI	96 98	97.: :		97	 	
Dibromofiltoromethane	***	98	98	99	99	 	
Toluene-dB	erender and der	100	105	105	103	 • • • • •	
Bromofluorobenzene							

Page 2 of 2

TOTAL P.15

Centru Analyti Labora	m cal tories. Ind	Z.	·	Cha	iin of Cus	tod	y R	eço	ord						Се	entri	um	Job# 2554/
1401 Research F Riverside, CA 9 Voice: 909.779.0 Fax: 909.779.034	Park Drive, Suite 10 2507 310 ● 800.798.933 4	6	-	3299 Hill Street, Su Signal Hill, CA 907 Voice: 562.498.7005 Fax: 562.498.8617	ite 305 55 5		www	/.centri Plea	um-labi	s.com	Analy	[ab@c	Rea	n-labs	s.com	ı 		Page of
Project No: 040T. 292 Project Manager: JUSTIN	15.62 HONE	Project Na Phone:	anne: SAN 335	LORENZO Fax: 6116 909	Р.Н. II 335 612		0	Chain (specify ranges)	ISB	A		PCBs, or Pest/PCB	CL - C40 CRA or PP			364		Turn-Around Time
(Report and Billing) SEC	OR Date	Address: (Report and B	Sample	Site location	Containers:	Diesel, or EPA 8015B D	Gas, or EPA 8015B GR	ID (TVH, TEH), Carbon	-PH - 3 80	S 8260B. or 624 BTEX/Oxygenates 0	s: 8270C, or 625	3082: Pesticides or	<u>arben Chaim</u> s: Title 22 (CAM). or R	s: TCLP, STLC	TDS, TSS	(TRPH), or 413.2, or 16	CB 8082	Other
1 HP-Z 2 HP-3	12/16 12/16		water water	D.G. UST D.B. SOUTH	# and type 6-40 mL VC 6-40 mL VO	AR AR LUF	LUF	Fuel			SVO			Meta	Чd	418.1	a	Please run in 3 days!
3 SP-1 4 SP-2	12/16		5111	SE	1407. /glas	5	A	05/	MPL	EST	F X/ E	₩ X						Very Emportant!
5 SP - 3	12/16			SW	- y		·					X						
1) Relinquished by: (Sampler's 3 2) Received by: The delivery of samples and the constitutes authorization to per the Terms and Conditions set fo	signature) signature on this cha form the analyses spe rth on the back hereo	Date: <i>ZJILF</i> Date: In of custor cified abov f.	Time: 1115 Time: dy form e under	3) Relinquished by: 4) Received by: 5) Relinquished by: FEDE 6) Received for Japorat		Dai Dai Dai	te:	Time: Time: Time:		be com imples c istody s I sample Courier	pleted hilled? eals? contai	by Lai	borato es I ntact?	ry per No 🗀 No	sonn From es 🗆 d carr	n Field No ried	i i	Sample Disposal Client will pick up Return to client Lab disposal
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	1401 Research Park Drive, Riverside, CA 92507 Voice: 909.779.0310 ● 800 Fax: 909.779.0344	, Suite 10 .798.9336	0		3299 Hill Street, Suit Signal Hill, CA 9075 Voice: 562.498.7005 Fax: 562.498.8617	e 305 5		www	.cen	trum-la ease	bs.	rcle /	Ana	lab@)centr s Re	um-la	ibs.c	om d		Page of _
roject No:	- 29215,42 ager: M. HONE	109 3	Project Na	me: {	car NPO Fax: Walfame	4 35, 612 C			ain (specify ranges)					CBs, or Pest/PCB		VA, or PP				Turn-Around Time
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	Centrum Analytical Laboratorie	s, Inc	2.		Cha	in of Custo	dy	R	lec	or	d				1.0			C	enti	um	Job #
· .	Riverside, CA 92507 Voice: 909.779.0310 • 800	, Suite 10	6		Signal Hill, CA 9075	ie 303 i5		ww	v.cen	trum-	labs	.com		Į:	ab@¢	centru	im-lat	IS.CO1	n		Page of
	Fax: 909.779.0344		-		Fax: 562.498.8617		_		PI	ease	e Ci	ircle	An	aly	ses	Red	ques	ted		\geq	·
Project No:	1.27215:-2	-	Project Na	ime:	Leger A. To	ا مېلې چې چې د			ranges)						t/PCB						Turn-Around Time
Project Man	ager:		Phone:		Fax:		1.		ecify			Ì			or Pes	ا آ	<u>-</u>				🗆 24 Hr. RUSH*
	NO PAR		2.1	kfr{ ∨	2247 - 279	335 - 23 <i>21</i> 0			nain (sp				н		CBs,	ا انت	א לא		4	2	□ 48 Hr. RUSH* , □ Normal TAT
Client Name (Report and Billin	: n ()()()		Address: (Report and Bl	ث اlling)	NLAMDS-		or EPÅ 8015B DR	EPA 8015B GRO	TEH), Carbon C	VMtBE <u>Only</u>	5 1 2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3, or 624	V-Xygenates Uni	0C, or 625	Pesticides, or P	CHUN C	ZZ (CAM), OF KC	S	or 413.2, or 166	1 . V. V. (2	 Other *Requires PRIOR approval, additional charges apply Perupsted due data:
Gentrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	LUFT Diesel,	LUFT Gas, or	Fuel ID (TVH,	8021B: BTE)		VOCs: \$ 82601		SVOCs: 827	8081A/8082:	1 1 1 1 V 1 V 1	Metals: Title Metals: TCLI	PH. TDS, T	418.1 (TRPH),	10-01-	Remarks/Special Instructions
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	58-4871	1. Sec. 1	31 V. V		And the second s			-1.			- -	*			• •		1				
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1) Relinquis 2) Received	hed by: (Sampler's Signature) by:		Date: Date:	Time:	3) Relinquished by: 4) Received by:		Date Date	ə:	Time	2: 2: 3;	To Sa	be co mples	mpie chii	eted led?	by La	abora (es E	toryp INo I	erson I Fro	nel: m Fie	ld	Sample Disposal
The delivery constitutes a the Terms at	of samples and the signature of samples and the signature of authorization to perform the an and Conditions set forth on the l	dy form e under	5) Relinquished by: 6) Received for Laborat	огу бу:	Date	ə:	Tim	₽: 3:		stody samp Courie	seal le co r [ontali UP	Ш Y ners. S/Fe	es D Intaci d Ex	⊔ No 1? □ □ Ha	Yes C nd ca] No rried		⊔ Return to client ⊡ Lab disposal		
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White Copy - Original (Accompanies Samples)

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V74 993 pot-temp both otti sta Gold Copy - Client Copy

APPENDIX B BORING LOGS

gged By	Date D	nilled	54	. Dr	illing Contractor:		Method	VEquipment	4- 14	· A .	Soring Number
ne Start 0650	80	ning Dia	- / Im.:	Surla	ce Elev. (ft.)	Groundwater	Depth (IL)):	Total Do	20Uh(11.): A	Hammer D (140 Lb.)
18 End: 0700 0 No: 0405 29215			Pro	pject:	I DOFNZO	PHASE I		Locauon: 1210 -		- BOCKMAN	, ROAD
WELL CONSTRUCTION Casing Dia.	Depttv Sampling Method	Blow Count	Graphic Log	Sample	Soil Typ Mois	DESCRIPTIC e, Gradation, C sture, Color, US	DN Consistera SCS, etc.	ا ۲۲,	- MNH	cc	DMMENTS
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LOG OF BORING

Logged By	Date Drilled 12/15/0	Drilling Contractor.	DIRECT PU	SA/H.A. HP-
Time Start: 1400	Boring Dial	m . Surlace Elev. (tt.).	Groundwater Depth (IL): ואין און און IS	10tal Depth(It.): Hammer Drop 141 (1906)
Time End: 1435		Project	Localion	
0401.29215	5.62	SAN LORENZO	1210.	-1415 BOCKMAN KOHD
WELL CONSTRUCTION Casing Dia	Deptrv Sampling Method Interval Blow Count	Graphic Log Mois Mois	DESCRIPTION e, Gradation, Consistency, ture, Color, USCS, etc.	COMMENTS
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Ne Start: U705	Gor	1ng Dia 2 //	ım.:	Surta	æElev (†t.)	Groundwater D 91	opth (IL) Ø	:	Total De 2	eth(IL).]	Hammer D (14915.) /VA
140T. 2921	5.62		٩	oject: SAW	LORENZO	PHASE I		Location: 1210 - 1	415 E	ВсскмАл	ROHD
WELL CONSTRUCTION Casing Dia.	Depth/ Sampling Mathod	Blow Count	Graphic Log	Sampie #	Soit Tyj Moi	DESCRIPTION De, Gradation, Co sture, Color, USC	l Insistenc S, etc.	у. 	UNH mdd	cc	DMMENTS
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Logged By	Date Dni 12/1	hed /c	54	Dr	Illing Contractor.		Method DIR	Equipment	+/H	A. 1	Banng Number: HP3
Time Start:	Bon	ng Dia	m	Surfac	æ Elev. (ft.):	Groundwater D	ар и (IL)		Total De	pth(fL):	Hammer Drop (14016.)
Time End. Job No:	<u>·</u> _·		Pr	oleči		Delie T	<u> </u>	Location		[Non
0401.29215	5.62	1		SAN	LORENZO	MARSE 4		1210-1	715 2	SOCKMAN	I KOAD
WELL CONSTRUCTION Casing Dia.	Depttv Sampling Method	Blow Count	Graphic Log	Sample #	Soil Tyj Moi	DESCRIPTIO be, Gradation, Ca sture, Color, USC	N onsisteric CS, etc.	Бу. 	ПNН Н	c	
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ime Start: 0930	Boring	Diam . 77	Surfac	æ Elev. (ft.):	Groundwater [ንቀрቴት (IL): 			pth(IL): 	Hammer Dro (14916.) NA
ime End 0950 ob No: 19407 29215		Pro	ject: S41	LORENZO	PHASE I	-	Location: 1210 - 1	415 2	васкма	N ROHD
WELL CONSTRUCTION	pttv pting thod	Count Tic Log	#pla	Soil Ty	DESCRIPTIO xe, Gradation, C	N onsistenc	у,	UN N	с	OMMENTS
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ogged By	Date Dolled	Drilling Contractor:	Method/Equ DILECT	PUSH /H.K.	Boring Number: 5R - 4
THH Ime Stan: 0810	Boring Diar	m Surlace Elev. (tt.).	Groundwater Depth (IL):		Hammer Drop. (14016.) /VA
ime End: 0895 ob No: 0407.29215	5.62	Project SAN LORENZO	PHASE II 12	cation: 210-1415 Bock	MAN ROAD
WELL CONSTRUCTION Casing Dia.	Depty Sampling Mathod Intervil Blow Count	Graphic Long Nam Pie Noi Moi	DESCRIPTION De, Gradation, Consistency, sture, Color, USCS, etc.	, UNH H	COMMENTS
town		X SBU br dk br. C ² no odor	Clay, highly pla	ustic, <u>č</u>	ð 3J
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Sgged By	Date Dilled	4 Dr	Illing Contractor	DIRECT PUSH		H	53-5
me Start: 0720	Boring Diam	n.: Surfac	œ Elev. (ft.)	Groundwater Dept	(IL):	Total Depth(I	.): Hammer Dro (14015.) /V/
20 NO 0407.29215	5.62	Project SAN	LORENZO	AHASE II	Location: 1210 -	1415 Back	MAN ROHD
WELL CONSTRUCTION Casing Dia.	Depth/ Sampling Method Intervit Biow Count	Graphic Log Semple	Soit Ty Moi	DESCRIPTION pe, Gradation, Consis sture, Color, USCS, c	stency, etc.	, mqq	COMMENTS
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iged By:	Date Onlied	Dulling Contrac	tor: Meth	DECT PUSH 14.A	
<u>JRH</u>	Boring Dia	am.: Surface Elev. (ft.)	Groundwater Depth (IL): Total Depth(I	L) Rammer D
ie End:	Z"			Hocation:	INA-
NO: 1407.29215	5.62	SAN LORENT	ZO PHASE I	1210-1415 Back	MAN ROHD
WELL CONSTRUCTION Casing Dia	Depttv Sampling Method Intervil Blow Count	Graphic Log Semple Solution	DESCRIPTION Dil Type, Gradation, Consiste Moisture, Color, USCS, et	ency, c.	COMMENTS
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