SCS ENGINEERS

Limited Phase II Soil Sampling

Assessor's Parcel Numbers 395-250-08, -09, -15, and -22, and 398-110-09, -10, and -75 14109, 14135, and 14173 Olde Highway 80, and 14207 Rios Canyon Road El Cajon, California

Record ID: PDS2014-GPA-14-005; PDS2014-REZ-14-004; PDS2014-TM-5590; PDS2014-STP-14-019; PDS2014-MUP-15-004

Environmental Log No.: PDS2014-ER-14-14013

Presented to:

SOUTH COAST DEVELOPMENT LLC
PO Box 1053
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Presented by:

SCS ENGINEERS
8799 Balboa Avenue, Suite 290
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November 7, 2014
Project Number: 01205547.04

November 7, 2014
Project Number: 01205547.04

Mr. Keith Gregory
South Coast Development, LLC
PO Box 1053
Solana Beach, California 92075

Subject: **Limited Phase II Soil Sampling (Assessment) Revised**

Site: **Assessor's Parcel Numbers 395-250-08, -09, -15, and -22, and 398-110-09, -10, and -75**
14109, 14135, and 14173 Olde Highway 80 and 14207 Rios Canyon Road
El Cajon, California

Dear Mr. Gregory:

SCS Engineers (SCS) is pleased to present this report (Report) of the Assessment of the sampling activities of the above-described Site. This Report summarizes the sampling that was conducted in order to evaluate the Site's current environmental conditions. The work described in this Report was performed by SCS in general accordance with Scope of Service Change 1 (SSC1) to the Consulting Agreement (Contract) between SCS and South Coast Development LLC. SSC1 was fully executed on October 8, 2014 and the Contract was executed on November 9, 2005. Note that SCS originally issued this Report on October 30, 2014; this Report has been revised to include a Project Description section regarding the proposed development, as well as associated figures provided in Appendix A.

SCS enjoyed working with you on this project. Providing economical environmental solutions to meet your needs is more than our goal, it is our mission and the measure of our success. If we may assist you in any way, now or in the future, please do not hesitate to call our office at (858) 571-5500.

Sincerely,

Derek Gill
Associate Professional
SCS ENGINEERS

Luke Montague, MESM, PG 8071
Senior Project Professional
SCS ENGINEERS

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1 BACKGROUND

SCS Engineers (SCS) understands that the site consists of approximately 13.05 acres of vacant land with addresses of 14109, 14135, and 14173 Olde Highway 80 and 14207 Rios Canyon Road, El Cajon, California (Site) (Figure 1).

SCS understands that South Coast Development LLC (Client) is proposing to purchase and develop the above-referenced Site into an approximately 76,100-square-foot shopping center (Lake Jennings Market Place) with a slab-on-grade construction. The Client stated that no soil export is proposed. The portion of Pecan Park Lane between Olde Highway 80 and Rios Canyon Road that transects the Site will reportedly be closed and included in the proposed shopping center.

SCS completed a report for the Site titled *Phase I Environmental Site Assessment* (Phase I ESA), dated June 24, 2014. SCS presented the following conclusion and recommendation in the Phase I ESA:

- "Historical Agricultural Activities

  Based on a review of historical resources, it is interpreted that agricultural activity took place at the southern portion of the Site (south of Pecan Park Lane) from prior to 1953 to prior to 1981. In addition, possibly agricultural related structures (barns or greenhouses) were present in historical aerial photographs. The agricultural activity is interpreted to have possibly taken place at the time when organochlorine pesticides such as dichlorodiphenyltrichloroethane (DDT), chlordane, and metal-based pesticides, such as copper and arsenic, were in wide general use for pest control.

  Based on our experience, if the Site were in fact used for agricultural purposes, there is a moderate likelihood that residual concentrations of organochlorine and metal-based pesticides are present in the shallow surface soil beneath the Site. Assuming the legal and permitted application of these pesticides, and assuming existing Site use remains the same, this common occurrence is, in SCS's experience, unlikely to lead to an enforcement action and is therefore likely to be considered *de minimis*, as defined by ASTM.

  However, SCS understands that the Site is proposed to be redeveloped for commercial activities (shopping center) and will be covered with hardscape and landscape. Therefore, we recommend that limited soil sampling (of disturbed soil) be conducted as a precautionary measure to ensure construction workers and others are not exposed to elevated concentrations of pesticides, if present. In addition, if soil is to be excavated and exported as part of redevelopment activities, then the presence of pesticides and/or metals may result in the soil being considered a regulated or hazardous waste and the soil may need to be properly characterized and disposed of at an appropriate receiving facility."

Based on the recommendations above, the Client has requested Limited Phase II Soil Sampling (Assessment) to address the above-referenced conclusion and recommendation.

2 PROJECT DESCRIPTION

The proposed development project will be a commercial shopping center located on an existing vacated site. Work to be done includes supporting infrastructure such as sewer, road improvements and utilities, the vacation of an existing paved road, and dedication of a biological open space easement on an approximately 13.10 acre site. Client-provided figures of the project location, the project vicinity, and a responsibility area map are provided in Appendix A.

Commercial Shopping Center

The project proposes to construct a commercial shopping center with 76,100 square feet (sf) of building area. The project would include six structures, all of which will be located on individual lots. The development will include the following:

1. Market Building (Building A – 43,000 sf) located along the east side of the project site.
2. Financial Building with drive through (Building B – 4,500 sf) located on the northeast intersection of Olde Highway 80 and the proposed signalized project entrance on Olde Highway 80.
3. Restaurant with drive through (Building C – 3,500 sf) located on the northwest intersection of Olde Highway 80 and the proposed signalized project entrance on Olde Highway 80.
4. Restaurant-Retail Building (Building D – 9,600 sf) located along the southern boundary of the project's developed area.
5. Gas Station with convenience store and car wash (43,800 sf pad) at the intersection of Olde Highway 80 and Lake Jennings Park Road, and Commercial Building (Building E – 3,000 sf) located directly south of the gas station.
6. Restaurant-Retail Building (Building F – 12,500 sf) located along the southern boundary of the project's developed area. Building F shares a common wall with Building D.

Trail Component

The project will construct a multi-use trail suitable for pedestrians and equestrian users. The trail will be 10 feet wide and constructed of decomposed granite material. The trail segments adjacent to the two public streets are proposed as standard trail pathways per the Park Lands Dedication Ordinance (PLDO). The trail segment within the open space lot will run along the southern edge of the development area (immediately north of the proposed open space area) within a 20 foot wide trail easement and will include a 10 foot wide treadway.

Access

The project requires four access points; one from Ridge Hill Road located on the west side of the project, and three others located along Olde Highway 80; a right-in (only) approximately 200 feet east of the intersection of Olde Highway 80 and Lake Jennings Park Road, a full signalized project entry half way along the project frontage, and a second non-signalized project entry (right in – right out only) near the northeast corner of the property.

Walls and Signage

There will be a comprehensive coordinated sign program designed for the project. It includes a Freeway Pylon Display, Monument Center ID Displays, Monument Signage at the signalized entrance on Olde Highway 80, and a state required Gas Pricing Sign for the gas station, convenience store and car wash Pad.

Parking

The project proposes 389 parking spaces. The project parking is almost entirely located within the central portion of the site and will largely be out of the casual view of traffic on Lake Jennings Park Road and Olde Highway 80. The County of San Diego Zoning Ordinance requires a total of 389 parking spaces to be provided by the proposed project based on the size and uses proposed in the buildings. Therefore, the project meets the parking requirements of the County of San Diego Zoning Ordinance.

Landscaping Plan

A landscape plan has been prepared for the project. The landscape plan incorporates a variety of species that are intended to provide a visual buffer from Interstate 8 and be compatible with the riparian zone associated with Los Coches Creek. The plant palette reflects a selection of native plant material which can naturally be found in riparian zones of Southern California.

3 OBJECTIVE

The objective of the scope of services was to assess the possible presence of arsenic and organochlorine pesticides (OCPs) associated with agricultural land use in the shallow soil at selected Site locations.

4 SCOPE OF SERVICES

The scope of services was designed and conducted to meet the objective.

PREPARATION FOR FIELDWORK

Preparation of Health and Safety Plan

A health and safety plan for work conducted at the Site and workers within the “exclusion zone” is required pursuant to the regulations found in 29 Code of Federal Regulations Part 1910.120 and California Code of Regulations, Title 8, Section 5192. Therefore, a health and safety plan was prepared for the proposed work scope, which outlined the potential chemical and physical hazards that may be encountered during hand augering and sampling activities. The appropriate personal protective equipment and emergency response procedures for the anticipated Site-specific chemical and physical hazards were detailed in this plan. SCS personnel involved with

the field work were required to read and sign this document in order to encourage proper health and safety practices.

Utility Search and Markout

SCS notified Underground Service Alert on October 8, 2014, as required by state law, prior to hand augering activities and was issued ticket number A42811248-00A. Additionally, SCS hired ART Location Services, Inc., to clear prospective sampling locations on the day of fieldwork. These procedures are designed to minimize the likelihood of hand augering into a subsurface utility. The soil boring locations were adjusted as necessary to avoid conflicts with identified subsurface utilities.

SOIL SAMPLING AND ANALYSIS

On October 13, 2014, SCS advanced 12 soil borings with the use of a hand auger, collecting samples at approximately 0.5 and 1.5 feet, to assess the extent of OCPs and arsenic in the shallow soil at the Site (Figure 2). The soil samples were placed directly from the hand auger into 4-ounce glass jars. The jars were closed, labeled, and placed in an ice-filled cooler for shipment to the laboratory. Chain-of-custody procedures were implemented for sample tracking.

Pursuant to our standard operating procedures, the sampling equipment was decontaminated on Site between soil samples to minimize the likelihood of cross-contaminating the samples and to minimize the potential for a false positive in the soil samples analyzed.

Soil samples were submitted to American Scientific Laboratories, LLC (ASL), a State-accredited laboratory, for anlysis of the 0.5 feet below grade soil sample for OCPs by U.S. Environmental Protection Agency (EPA) Method 8081A and arsenic by EPA Method 6010B. Samples collected from 1.5 feet below grade were archived pending the results of the shallow soil samples. The laboratory analytical report is presented in Appendix B.

5 FINDINGS

A summary of the laboratory results for arsenic and select OCPs from the soil samples analyzed are presented in Table 1 and depicted on Figure 3. A complete listing of the results of arsenic and OCPs analyzed are presented in Appendix B.

ARSENIC

Arsenic was detected above the laboratory reporting limit in 4 of 12 samples analyzed, with detected concentrations ranging from 0.324 to 0.529 milligrams per kilogram (mg/kg).

ORGANOCHLORINE PESTICIDES (OCPS)

The following OCPs were detected above the laboratory reporting limits, with detected concentrations expressed in micrograms per kilogram (µg/kg).

Alpha-chlordane

Alpha-chlordane was detected above the laboratory reporting limit in 3 of 12 samples analyzed, with detected concentrations ranging from 2.24 to 14.2 µg/kg.

Gamma-chlordane

Gamma-chlordane was detected above the laboratory reporting limit in 3 of 12 samples analyzed, with detected concentrations ranging from 2.45 to 14.8 µg/kg.

Dichlorodiphenyldichloroethane (DDD)

DDD was detected above the laboratory reporting limit in 3 of 12 samples analyzed, with detected concentrations ranging from 5.28 to 8.79 µg/kg.

Dichlorodiphenyldichloroethylene (DDE)

DDE was detected above the laboratory reporting limit in 4 of 12 samples analyzed, with detected concentrations ranging from 13.6 to 56.6 µg/kg.

Dichlorodiphenyltrichloroethane (DDT)

DDT was detected above the laboratory reporting limit in 3 of 12 samples analyzed, with detected concentrations ranging from 8.78 to 56.8 µg/kg.

Dieldrin

Dieldrin was detected above the laboratory reporting limit in 2 of 12 samples analyzed, with detected concentrations of 23.6 and 33.7 µg/kg.

Endrin

Endrin was detected above the laboratory reporting limit in 3 of 12 samples analyzed, with detected concentrations ranging from 5.41 to 7.70 µg/kg.

Methoxychlor

Methooxychlor was detected above the laboratory reporting limit in 1 of 12 samples analyzed at a detected concentration of 258 µg/kg.

6 DISCUSSION

RISK-BASED CLEANUP CRITERIA

Description of Risk-Based Criteria

A guidance document titled *Regional Screening Levels (RSL) Summary Table*, the most recent version updated as of May 2014, has been developed by the EPA to "provide default screening tables and a calculator to assist Remedial Project Managers (RPMs), On Scene Coordinators (OSCs), risk assessors, and others involved in decision making concerning CERCLA hazardous waste sites and to determine whether levels of contamination found at the site may warrant further investigation or site cleanup, or whether no further investigation or action may be required." According to this document, "It should be emphasized that screening levels (SLs) are not cleanup standards . . . Site-specific information may warrant modifying the default parameters in the equations and calculating site-specific SLs, which may differ from the values in these tables."

The soil analytical results were compared to their respective commercial carcinogenic and noncarcinogenic RSLs, where applicable.

Risk-Based Cleanup Criteria for Arsenic

The maximum concentration for arsenic (0.529 mg/kg) is below the RSL for arsenic in a commercial scenario; therefore, based on the reported soil sample results, remediation for arsenic on risk-based criteria is not warranted.

Risk-Based Cleanup Criteria for OCPs

The table below presents the maximum concentrations of detected OCPs at the Site compared to their respective RSLs.

Pesticide	Maximum Concentration (µg/kg)	RSLs	Maximum Concentration Below RSLs
		Commercial (µg/kg)	
Chlordane (total)	29	8,000	Yes
4,4'-DDD	8.79	9,600	Yes
4,4'-DDE	56.6	6,800	Yes
4,4'-DDT	56.8	8,600	Yes
Dieldren	33.7	140	Yes
Endrin	7.70	25,000	Yes
Methoxychlor	258	410,000	Yes

Notes:
Results reported in micrograms per kilogram (µg/kg)
RSLs: Environmental Protection Agency Regional Screening levels for commercial soil, May 2014.
Bold numbers indicate samples detected above RSLs

The maximum concentration of each respective OCP is below its RSL for a commercial land use scenario; therefore, based on the reported soil sample results, remediation for OCPs on risk-based criteria is not warranted.

WASTE CHARACTERIZATION

In order for soil to have applicaple waste criteria, it first must be classified as a "waste" (i.e. excavated and exported from the Site). Since the Client has stated that there is no proposed soil export for the Site development, waste characterization is not warranted at this time. Note that any soil with detectable concentrations of pesticides that is exported from the Site is considered a waste and must be disposed of at a facility with an appropriate permit or "waste discharge requirements" (i.e., a permitted landfill). If off-Site soil export is considered in the future, since detectable concentrations of OCPs were reported in various locations at the Site, additional criteria will apply to determine if any exported soil will need to be handled as a regulated waste under applicable local, state, and federal laws, and additional soil sampling for waste characterization purposes and to further delineate the extent of OCP-bearing soil may be necessary.

7 CONCLUSIONS

SCS analyzed 12 soil samples from 0.5 feet bgs for arsenic and OCPs. Based on the data obtained and reviewed as part of this Assessment, laboratory results, current regulatory guidelines, and SCS' experience and professional judgment, SCS presents the following conclusions:

Arsenic

- Arsenic was detected above the laboratory reporting limit in 4 of 12 samples analyzed, with detected concentrations ranging from 0.324 to 0.529 milligrams per kilogram (mg/kg).

- The maximum concentration for arsenic (0.529 mg/kg) is below the Environmental Protection Agency Regional Screening levels (RSL) for arsenic in a commercial land use scenario; therefore, based on the reported soil sample results, remediation for arsenic on risk-based criteria is not warranted at this time.

Organochlorine Pesticides

- Alpha- chlordane, gamma- chlordane, DDD, DDE, DDT, dieldrin, endrin, and methoxychlor were detected above the respective laboratory reporting limits in various samples analyzed.

- The maximum concentration of each respective organochlorine pesticide (OCP) is below its RSL for a commercial land use scenario; therefore, based on the reported soil sample results, remediation for OCPs on risk-based criteria is not warranted at this time.

8 RECOMMENDATIONS

Based on the data obtained and reviewed as part of this Assessment, laboratory results, current regulatory guidelines, and the conclusions presented above, SCS recommends:

- Considering a commercial land use scenario, remediation for OCPs and arsenic using risk-based criteria is not warranted at this time.
- If soil export is proposed for the Site, additional soil sampling and analysis may be required to delineate the horizontal and lateral limits of soil containing OCPs that would need to be handled as a regulated waste, and additional laboratory analyes may need to be conducted for waste characterization purposes.
- Based on the reported presence of low concentrations of OCPs in various areas of the Site, this report should be disclosed to construction/grading contractors that may disturb or excavate Site soils. We recommend the construction/grading contractors address possible worker exposures by using dust suppression or control measures (i.e., spraying dust with water), encouraging hygiene practices such as hand washing before eating and at the completion of the job, and washing clothes from the jobsite prior to engaging in other activities off the job site, as is appropriate.

9 REPORT USAGE AND FUTURE SITE CONDITIONS

This Report is intended for the sole usage of the Client and the Client's authorized representatives. Use of this Report is subject to the provisions of the fully executed Consulting Agreement (Contract) between the Client and SCS. Any third-party usage of this Report shall be subject to the provisions of the Contract, and any unauthorized misuse of or reliance upon the Report shall be without risk or liability to SCS.

The conclusions of this Report are judged to have been relevant at the time the work described in this Report was conducted. Future conditions may differ and this Report should not be relied on to represent future Site conditions unless a qualified consultant familiar with the practice of Phase II Environmental Site Assessments in San Diego County is consulted to assess the necessity of updating this Report.

Although this Assessment has attempted to assess the likelihood that the Site has been impacted by a hazardous material/waste release, potential sources of impact may have escaped detection for reasons which include but are not limited to 1) SCS' reliance on inadequate or inaccurate information rightfully provided to it by third parties, such as public agencies and other outside sources; 2) the limited scope of this Assessment; and 3) the presence of undetected, unknown, or unreported environmental releases.

10 LIKELIHOOD STATEMENTS

Statements of "likelihood" have been made in this report. Likelihood statements are based on professional judgments of SCS. The term "likelihood," as used herein, pertains to the probability of a match between the prediction for an event and its actual occurrence. The likelihood statement assigns a measure for a "degree of belief" for the match between the prediction for the event and the actual occurrence of the event.

The likelihood statements in this Report are made qualitatively (expressed in words). The qualitative terms can be approximately related to quantitative percentages. The term "low likelihood" is used by SCS to approximate a percentage range of 10 to 20 percent; the term "moderate likelihood" refers to an approximate percentage range of 40 to 60 percent; and the term "high likelihood" refers to an approximate percentage range of 80 to 90 percent.

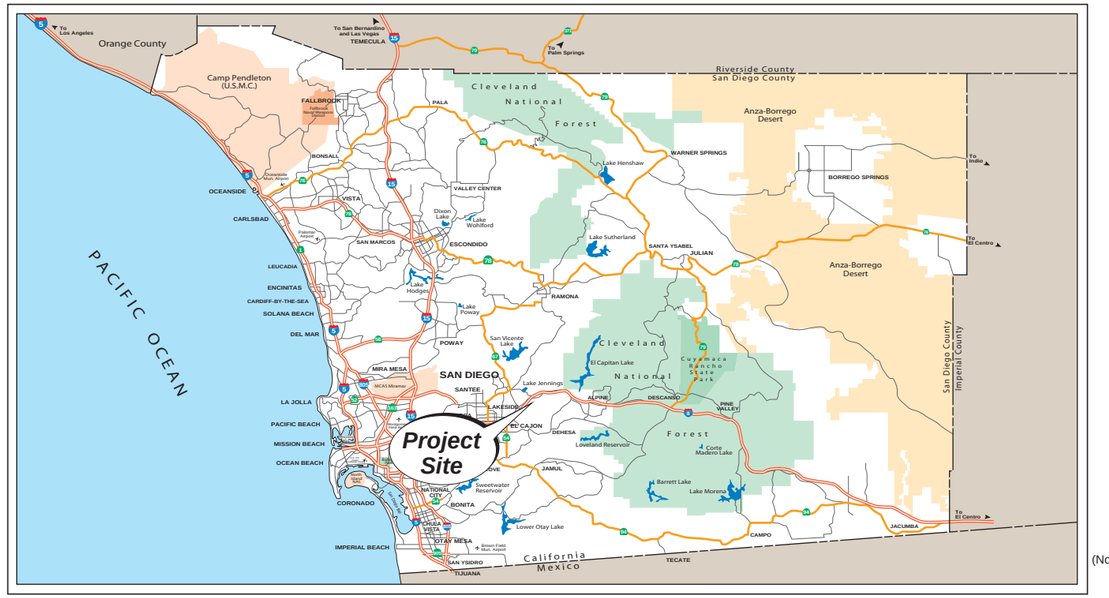
TABLE

Table 1
Soil Sample Analytical Results
14109, 14135, and 14173 Olde Highway 80 and 14207 Rios Canyon Road
El Cajon, California

Sample	Depth	Date	Metals (mg/kg)	Organochlorine Pesticides (µg/kg)							
			Arsenic	Alpha-chlordane	Gamma-chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Methoxychlor
HA1-0.5	0.5	10/13/2014	< 0.250	< 2.00	< 2.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
HA2-0.5	0.5	10/13/2014	0.324	14.8	14.2	5.28	56.6	12.7	33.7	6.51	< 4.00
HA3-0.5	0.5	10/13/2014	0.473	< 2.00	< 2.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
HA4-0.5	0.5	10/13/2014	< 0.250	< 2.00	< 2.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
HA5-0.5	0.5	10/13/2014	< 0.250	2.53	2.24	5.37	26.8	8.78	23.6	5.41	< 4.00
HA6-0.5	0.5	10/13/2014	< 0.250	2.45	2.79	< 4.00	13.6	< 4.00	< 4.00	< 4.00	258
HA7-0.5	0.5	10/13/2014	< 0.250	< 2.00	< 2.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
HA8-0.5	0.5	10/13/2014	< 0.250	< 2.00	< 2.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
HA9-0.5	0.5	10/13/2014	< 0.250	< 2.00	< 2.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
HA10-0.5	0.5	10/13/2014	0.529	< 2.00	< 2.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
HA11-0.5	0.5	10/13/2014	0.364	< 2.00	< 2.00	8.79	18.3	56.8	< 4.00	7.70	< 4.00
HA12-0.5	0.5	10/13/2014	< 0.250	< 2.00	< 2.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00	< 4.00
Carcinogenic RSL			**3**	**8,000**	**8,000**	**9,600**	**6,800**	**8,600**	**140**	**N/A**	**N/A**
Noncarcinogenic RSL			**480**	**500,000**	**500,000**	**N/A**	**N/A**	**520,000**	**41,000**	**250,000**	**4,100,000**

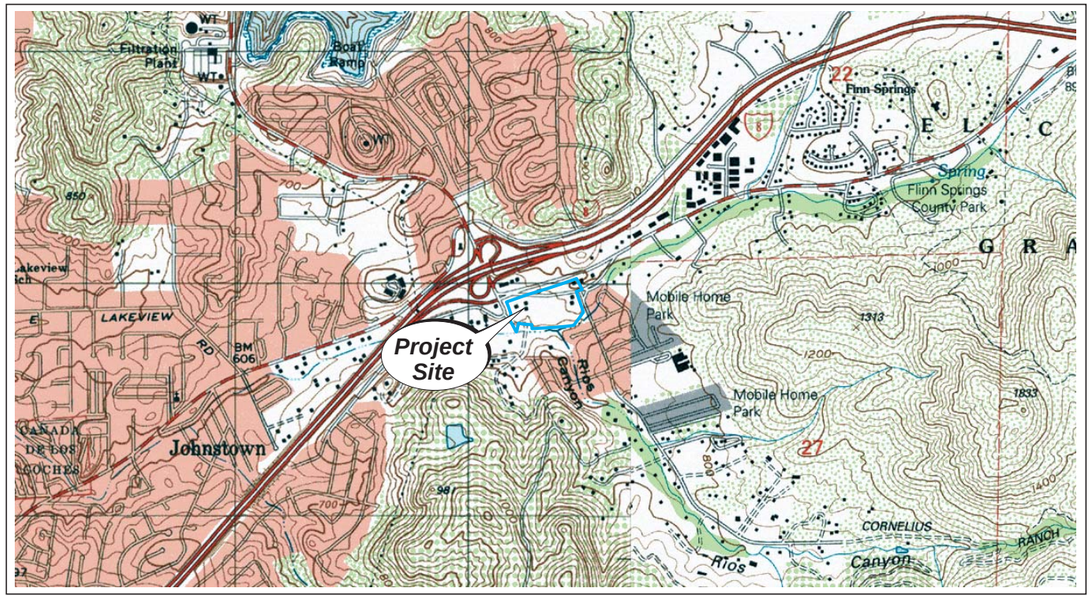
Notes:
RSL: Regional Screening Level (May 2014, assuming a commercial land use)
mg/kg: milligrams per kilogram
µg/kg: micrograms per kilogram
DDD: Dichlorodiphenyldichloroethane
DDE: Dichlorodiphenyldichloroethylene
DDT: Dichlorodiphenyltrichloroethane
<: Result less than the indicated laboratory reporting limit.
N/A: Not available.

FIGURES



North
(Not to scale)

REGIONAL SITE LOCATION

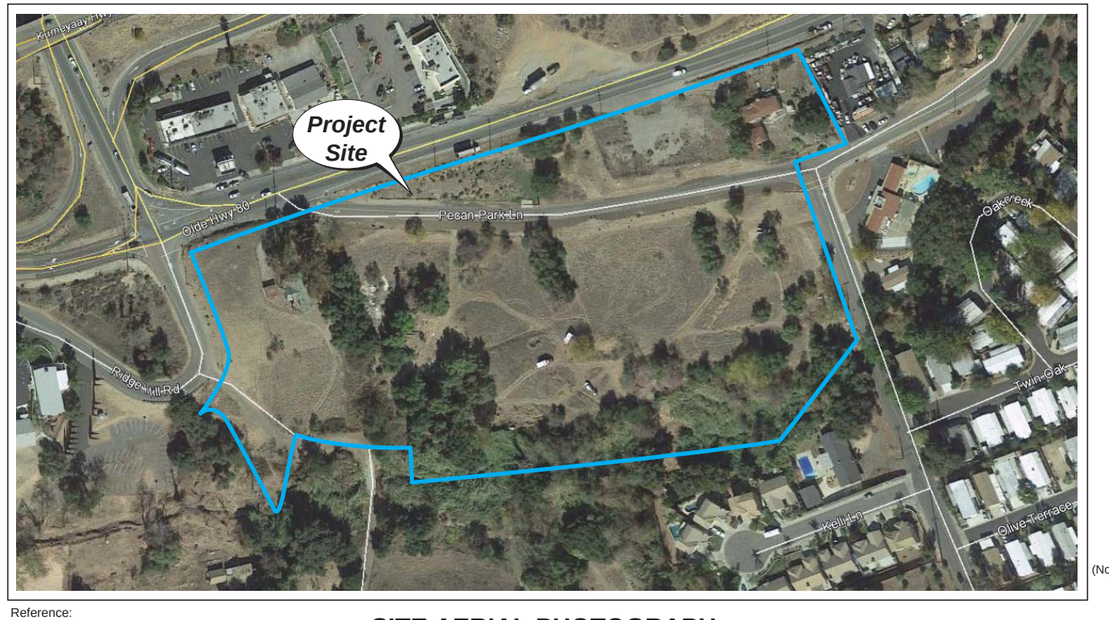


North
(Not to scale)

Reference:
U.S.G.S. 7.5 Minute Quadrangle Map
El Cajon, California - 1996

2-DIMENSIONAL SITE LOCATION

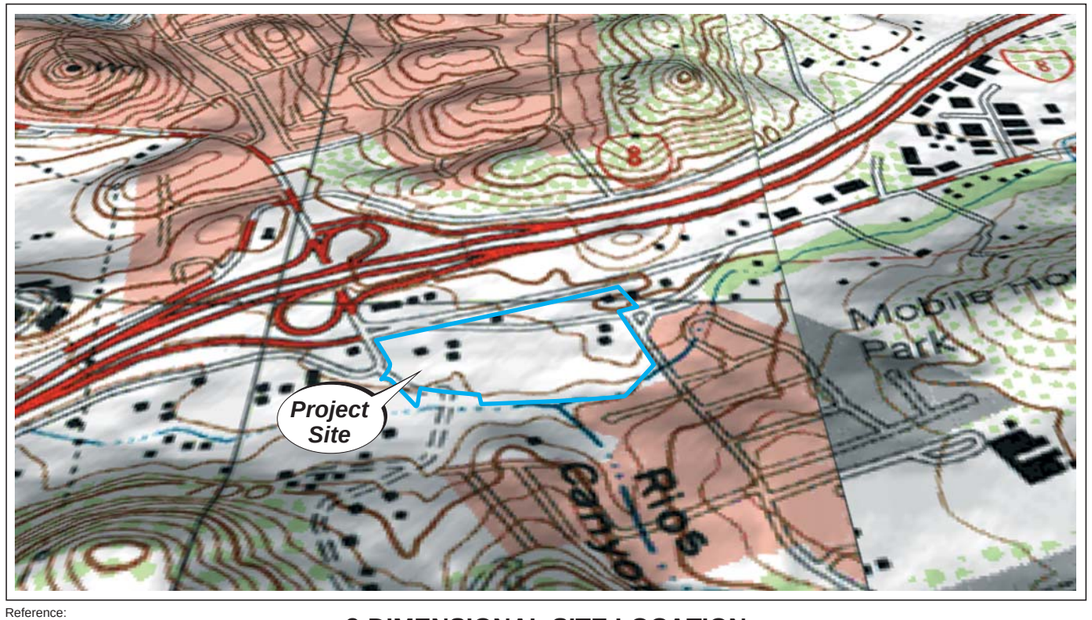
0 1,000 2,000 3,000
Approximate Graphic Scale in Feet



North
(Not to scale)

Reference:
Google Earth Aerial Photograph
El Cajon, California - November 2013

SITE AERIAL PHOTOGRAPH



North
(Not to scale)

Reference:
U.S.G.S. 7.5 Minute Quadrangle Map
El Cajon, California - 1996

3-DIMENSIONAL SITE LOCATION

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

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FOUR-WAY SITE LOCATION MAP
South Coast Development, LLC
14109, 14135, and 14173 Olde Highway 80
and 14207 Rios Canyon Road
El Cajon, California

Project No.: 01205547.04

Figure 1

Date Drafted: 6/16/14

EXPLANATION

Approximate sampling area

Fence

Hand auger borings advanced by SCS on October 13, 2014

Reference: Google Earth Aerial Photograph
El Cajon, California - November 2013

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

North
Not to Scale

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

SITE PLAN WITH SOIL SAMPLING LOCATIONS

South Coast Development, LLC
14109, 14135, and 14173 Olde Highway 80
and 14207 Rios Canyon Road
El Cajon, California

Project No.: 01205547.04

Figure 2

Date Drafted: 10/23/14

HA1	
Depth	*0.5′*
Arsenic	<0.25
AC	<2
GC	<2
DDD	<4
DDE	<4
DDT	<4
Dieldrin	<4
Endrin	<4
Methoxychlor	<4
Other OCPs	ND

HA2	
Depth	*0.5′*
Arsenic	**0.324**
AC	**14.8**
GC	**14.2**
DDD	**5.28**
DDE	**56.6**
DDT	**12.7**
Dieldrin	**33.7**
Endrin	**6.51**
Methoxychlor	<4
Other OCPs	ND

HA3	
Depth	*0.5′*
Arsenic	**0.473**
AC	<2
GC	<2
DDD	<4
DDE	<4
DDT	<4
Dieldrin	<4
Endrin	<4
Methoxychlor	<4
Other OCPs	ND

HA4	
Depth	*0.5′*
Arsenic	<0.25
AC	<2
GC	<2
DDD	<4
DDE	<4
DDT	<4
Dieldrin	<4
Endrin	<4
Methoxychlor	<4
Other OCPs	ND

HA5	
Depth	*0.5′*
Arsenic	<0.25
AC	**2.53**
GC	**2.24**
DDD	**5.37**
DDE	**26.8**
DDT	**8.78**
Dieldrin	**23.6**
Endrin	**5.41**
Methoxychlor	<4
Other OCPs	ND

HA6	
Depth	*0.5′*
Arsenic	<0.25
AC	**2.45**
GC	**2.79**
DDD	<4
DDE	**13.6**
DDT	<4
Dieldrin	<4
Endrin	<4
Methoxychlor	**258**
Other OCPs	ND

HA7	
Depth	*0.5′*
Arsenic	<0.25
AC	<2
GC	<2
DDD	<4
DDE	<4
DDT	<4
Dieldrin	<4
Endrin	<4
Methoxychlor	<4
Other OCPs	ND

HA8	
Depth	*0.5′*
Arsenic	<0.25
AC	<2
GC	<2
DDD	<4
DDE	<4
DDT	<4
Dieldrin	<4
Endrin	<4
Methoxychlor	<4
Other OCPs	ND

HA9	
Depth	*0.5′*
Arsenic	<0.25
AC	<2
GC	<2
DDD	<4
DDE	<4
DDT	<4
Dieldrin	<4
Endrin	<4
Methoxychlor	<4
Other OCPs	ND

HA10	
Depth	*0.5′*
Arsenic	**0.529**
AC	<2
GC	<2
DDD	<4
DDE	<4
DDT	<4
Dieldrin	<4
Endrin	<4
Methoxychlor	<4
Other OCPs	ND

HA11	
Depth	*0.5′*
Arsenic	**0.364**
AC	<2
GC	<2
DDD	**8.79**
DDE	**18.3**
DDT	**56.8**
Dieldrin	<4
Endrin	**7.70**
Methoxychlor	<4
Other OCPs	ND

HA12	
Depth	*0.5′*
Arsenic	<0.25
AC	<2
GC	<2
DDD	<4
DDE	<4
DDT	<4
Dieldrin	<4
Endrin	<4
Methoxychlor	<4
Other OCPs	ND

EXPLANATION

Approximate sampling area

Fence

Hand auger borings advanced by SCS on October 13, 2014

Reference: Google Earth Aerial Photograph
El Cajon, California - November 2013

Disclaimer: This figure is based on available data. Actual conditions may differ. All locations and dimensions are approximate.

HA11	
Depth	*0.5′*
Arsenic	**0.364**
AC	<2
GC	<2
DDD	**8.79**
DDE	**18.3**
DDT	**56.8**
Dieldrin	<4
Endrin	**7.70**
Methoxychlor	<4
Other OCPs	ND

Soil samples, with depth in feet below grade, analyzed for arsenic by EPA Method 6010B with results reported in milligrams per kilogram (mg/kg); organochlorine pesticides (OCP) by EPA Method 8081A with results reported in micrograms per kilogram (µg/kg). **Bold** numbers indicate sample results above the laboratory reporting limit. < indicates results less than the laboratory reporting limit; number indicates individual analyte reporting limit.

AC = Alpha-chlordane
GC = Gamma-chlordane
DDD = 4,4-dichlorodiphenyldichloroethane
DDE = 4,4-dichlorodiphenyldichloroethylene
DDT = 4,4-dichlorodiphenyltrichloroethane

North
Not to Scale

SCS ENGINEERS
Environmental Consultants
8799 Balboa Avenue, Suite 290
San Diego, California 92123

SITE PLAN WITH SOIL SAMPLE ANALYTICAL RESULTS

South Coast Development, LLC
14109, 14135, and 14173 Olde Highway 80
and 14207 Rios Canyon Road
El Cajon, California

Project No.: 01205547.04

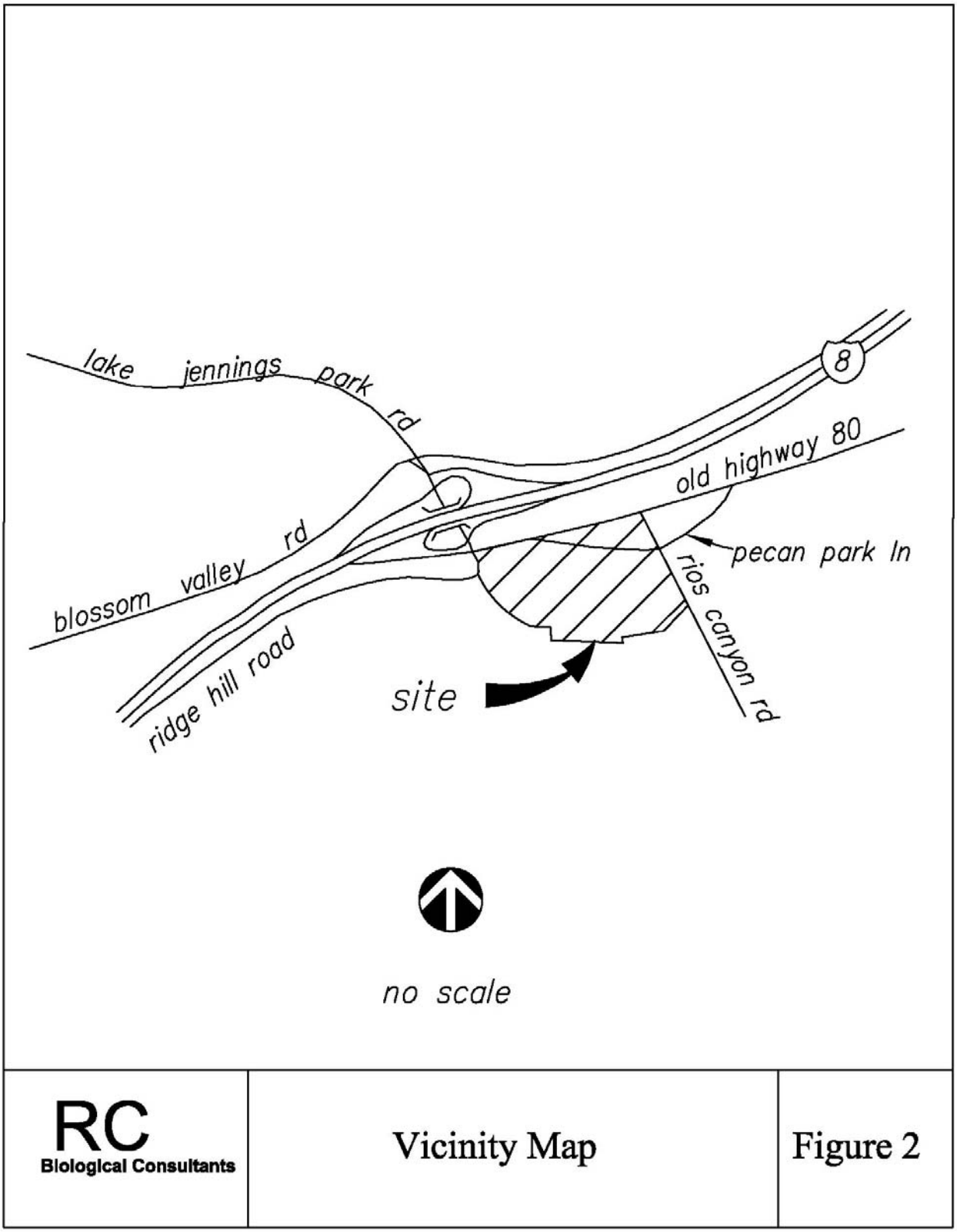
Figure 3

Date Drafted: 10/23/14

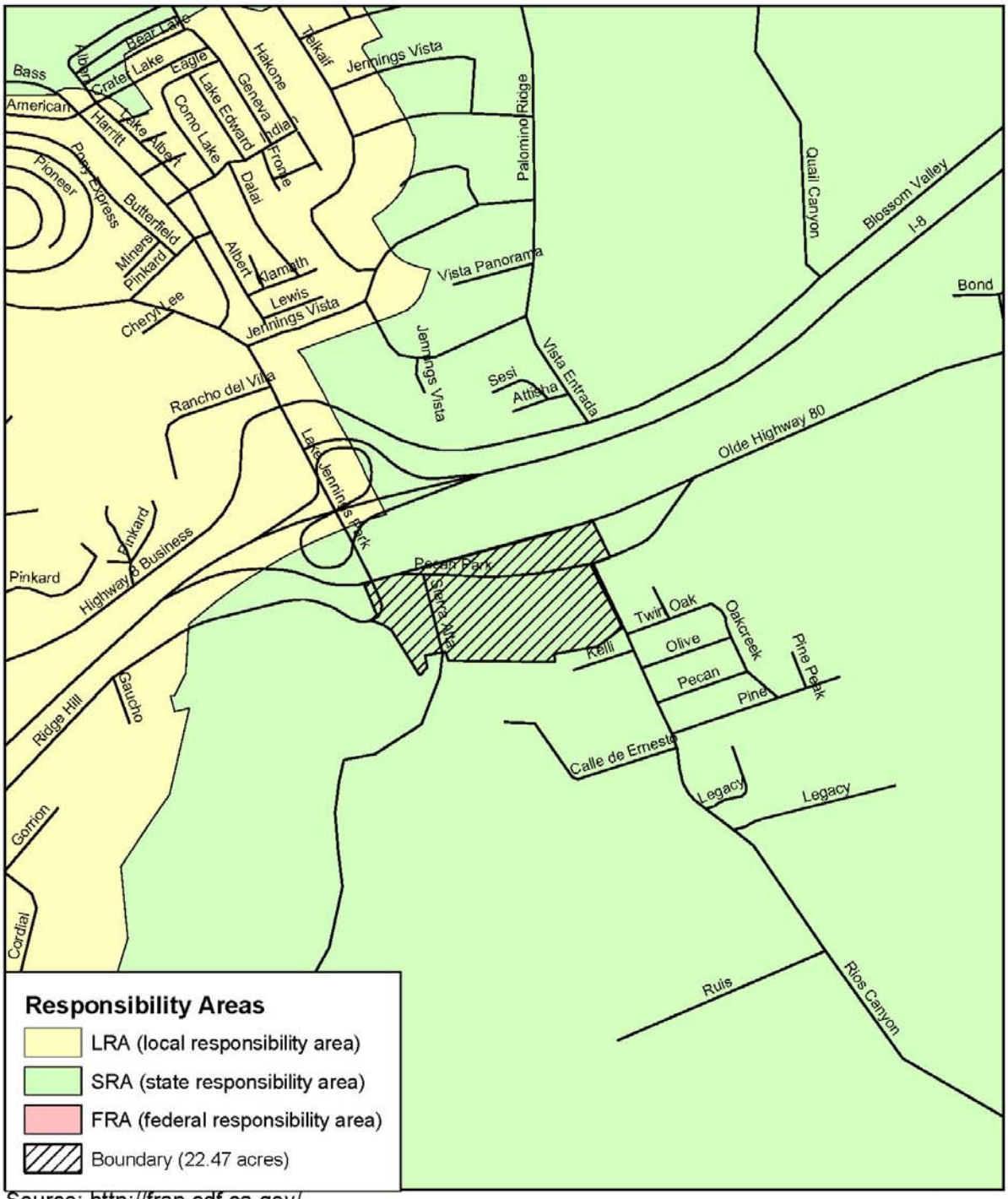
APPENDICES

CLIENT-PROVIDED FIGURES OF PROPOSED PROJECT

Figure 1
Regional Location Map



RC Biological Consultants	Vicinity Map	Figure 2



Source: http://frap.cdf.ca.gov/

Figure 3
Responsibility Area Map
Lake Jennings Marketplace

LABORATORY ANALYTICAL REPORT

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

Ordered By

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego, CA 92123-

Telephone (858)571-5500
Attn Drek Gill

Number of Pages 10
Date Received 10/14/2014
Date Reported 10/20/2014

Job Number	Ordered	Client
62359	10/13/2014	SCS

Project ID: 01205547.04
Project Name: Olde Hwy 80
Site: 14109 Olde Hoghway 80
El Cajon, CA

Enclosed are the results of analyses on 12 samples analyzed as specified on attached chain of custody.

Wendy Lu
Organics Supervisor

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

COC# Nº 69542 GLOBAL ID _____ E REPORT: ☑ PDF ☐ EDF ☐ EDD ASL JOB# 62359

Company: SCS Engineers		Report To: Derek Gill	ANALYSIS REQUESTED
Address: 8799 Balboa Ave	Project Name: Olde Hwy 80	Address: SCS	
San Diego CA 92123	Site Address: 14109 Olde Highway 80	Invoice To: SCS	
Telephone: 858 571 9400 Fax: 858 571 3747	El Cajon, CA	Address: SCS	
Special Instruction: —	Project ID: 01205547.04		
E-mail: dgill@scsengineers.com	Project Manager: Luke Montague	P.O.#: 01205547.04	

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Type	Matrix	Preservation	8021A (OCPs)	6010 B (Arsenic Only)	Archive	Remarks
1	322991	HA1-0.5	10/13/14	9:47	1	4oz Jar	Soil	None	X	X		
2	322992	HA2-0.5		9:55								
3	322993	HA3-0.5		10:04								
4	322994	HA4-0.5		10:22								
5	322995	HA5-0.5		10:32								
6	322996	HA6-0.5		10:41								
7	322997	HA7-0.5		10:48								
8	322998	HA8-0.5		10:57								
9	322999	HA9-0.5		11:26								
10	323000	HA10-0.5		11:10								

Collected By: Derek Gill	Date 10/13/14	Time 11:26	Relinquished By:	Date	Time
Relinquished By: Derek Gill	Date 10/13/14	Time 16:30	Received For Laboratory Janet Chin	Date 10/14/14	Time 11:15
Received By:	Date	Time	Condition of Sample:		

TAT ☑ Normal ☐ Rush

CHAIN OF CUSTODY RECORD

White - Report, Yellow - Laboratory, Pink - Client

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

CHAIN OF CUSTODY RECORD

COC# № 69543 GLOBAL ID _____ E REPORT: ☑ PDF ☐ EDF ☐ EDD ASL JOB# 62359

Company: SCS Engineers		Report To: Derek Gill	
Address: see sheet 1	Project Name: Olde Hwy 80	Address: –	
	Site Address: –	Invoice To: –	
Telephone: – Fax:	–	Address: –	
Special Instruction: –	Project ID: 01205547.04	–	
E-mail: dgill@scsengineers.com	Project Manager: Lulie Montague	P.O.#: 01205547.04	

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Container(s) Type	Matrix	Preservation	8081A (OCP's)	6010B (Arsenic Only)	Archive	Remarks
11	323001	HA11-0.5	10/13/14	11:34	1	4oz Jar	Soil	None	X	X		
12	323002	HA12-0.5		11:41					X	X		
		HA1 - 1.5		9:51							X	
		HA2 - 1.5		9:58								
		HA3 - 1.5		10:07								
		HA4 - 1.5		10:28								
		HA5 - 1.5		10:35								
		HA6 - 1.5		10:44								
		HA7 - 1.5		10:51								
		HA8 - 1.5		11:06								

Collected By: Derek Gill	Date 10/13/14 Time 11:41	Relinquished By:	Date Time
Relinquished By: Derek Gill	Date 10/13/14 Time 16:36	Received For Laboratory Janet Chin	Date 10/14/14 Time 11:15
Received By:	Date Time	Condition of Sample:	

TAT ☑ Normal ☐ Rush

White - Report, Yellow - Laboratory, Pink - Client

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Environmental Testing Services
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CHAIN OF CUSTODY RECORD

COC# № 69544 GLOBAL ID _____ E REPORT: ☑ PDF ☐ EDF ☐ EDD ASL JOB# 62359

Company: SCS Engineers		Report To: Derek G:11	ANALYSIS REQUESTED
Address: see sheet 1	Project Name: Olde Hwy 80	Address: –	
	Site Address: –	Invoice To: –	
Telephone: – Fax:	–	Address: –	
Special Instruction: –	Project ID: 01205547.04	–	
E-mail: dg:ll@scsengineers.com	Project Manager: Luke Montague	P.O.#: 01205547.04	

ITEM	LAB USE ONLY Lab ID	SAMPLE DESCRIPTION Sample ID	Date	Time	Container(s) #	Container(s) Type	Matrix	Preservation	Archive	Remarks
		HA9 - 1.5	10/13/14	11:28	2	40z Jar	Soil	None	X	
		HA10 - 1.5	↓	11:12	↓	↓	↓	↓	↓	
		HA11 - 1.5		11:36						
		HA12 - 1.5		11:44						

Collected By: Derek G:11	Date 10/13/14	Time 11:44	Relinquished By:	Date	Time
Relinquished By: Derek G:11	Date 10/13/14	Time 16:36	Received For Laboratory Janet Chin	Date 10/14/14	Time 11:15
Received By:	Date	Time	Condition of Sample:		

TAT ☑ Normal ☐ Rush

White - Report, Yellow - Laboratory, Pink - Client

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

SCS Engineers
8799 Balboa Avenue, Suite 290
San Diego, CA 92123-

Telephone: (858)571-5500
Attn: Drek Gill

Site

14109 Olde Hoghway 80
El Cajon, CA

Page: **2**

Project ID: 01205547.04
Project Name: Olde Hwy 80

ASL Job Number	Submitted	Client
62359	10/14/2014	SCS

Method: 6010B, Arsenic (ICP)

QC Batch No: 102014-1

Our Lab I.D.		322991	322992	322993	322994	322995
Client Sample I.D.		HA1-0.5	HA2-0.5	HA3-0.5	HA4-0.5	HA5-0.5
Date Sampled		10/13/2014	10/13/2014	10/13/2014	10/13/2014	10/13/2014
Date Prepared		10/15/2014	10/15/2014	10/15/2014	10/15/2014	10/15/2014
Preparation Method						
Date Analyzed		10/20/2014	10/20/2014	10/20/2014	10/20/2014	10/20/2014
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
ICP Metals						
Arsenic	0.250	ND	0.324	0.473	ND	ND

QUALITY CONTROL REPORT

QC Batch No: 102014-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	93	90	3.4	80-120	<20					

AMERICAN SCIENTIFIC LABORATORIES, LLC
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ANALYTICAL RESULTS

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Attn: Drek Gill

Site

14109 Olde Hoghway 80
El Cajon, CA

Page: **3**

Project ID: 01205547.04
Project Name: Olde Hwy 80

ASL Job Number	Submitted	Client
62359	10/14/2014	SCS

Method: 6010B, Arsenic (ICP)

QC Batch No: 102014-1

Our Lab I.D.		322996	322997	322998	322999	323000
Client Sample I.D.		HA6-0.5	HA7-0.5	HA8-0.5	HA9-0.5	HA10-0.5
Date Sampled		10/13/2014	10/13/2014	10/13/2014	10/13/2014	10/13/2014
Date Prepared		10/15/2014	10/15/2014	10/15/2014	10/15/2014	10/15/2014
Preparation Method						
Date Analyzed		10/20/2014	10/20/2014	10/20/2014	10/20/2014	10/20/2014
Matrix		Soil	Soil	Soil	Soil	Soil
Units		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
ICP Metals						
Arsenic	0.250	ND	ND	ND	ND	0.529

QUALITY CONTROL REPORT

QC Batch No: 102014-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	93	90	3.4	80-120	<20					

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ANALYTICAL RESULTS

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Site

14109 Olde Hoghway 80
El Cajon, CA

Page: **4**

Project ID: 01205547.04
Project Name: Olde Hwy 80

ASL Job Number	Submitted	Client
62359	10/14/2014	SCS

Method: 6010B, Arsenic (ICP)

QC Batch No: 102014-1

Our Lab I.D.		**323001**	**323002**			
Client Sample I.D.		HA11-0.5	HA12-0.5			
Date Sampled		**10/13/2014**	**10/13/2014**			
Date Prepared		**10/15/2014**	**10/15/2014**			
Preparation Method						
Date Analyzed		**10/20/2014**	**10/20/2014**			
Matrix		Soil	Soil			
Units		mg/Kg	mg/Kg			
Dilution Factor		1	1			
Analytes	**PQL**	**Results**	**Results**			
ICP Metals						
Arsenic	**0.250**	**0.364**	**ND**			

QUALITY CONTROL REPORT

QC Batch No: 102014-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
ICP Metals										
Arsenic	**93**	**90**	**3.4**	**80-120**	**<20**					

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Environmental Testing Services
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ANALYTICAL RESULTS

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San Diego, CA 92123-

Telephone: (858)571-5500
Attn: Drek Gill

Site

14109 Olde Hoghway 80
El Cajon, CA

Page: **5**

Project ID: 01205547.04
Project Name: Olde Hwy 80

ASL Job Number	Submitted	Client
62359	10/14/2014	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 101714-1

Our Lab I.D.		322991	322992	322993	322994	322995
Client Sample I.D.		HA1-0.5	HA2-0.5	HA3-0.5	HA4-0.5	HA5-0.5
Date Sampled		10/13/2014	10/13/2014	10/13/2014	10/13/2014	10/13/2014
Date Prepared		10/17/2014	10/17/2014	10/17/2014	10/17/2014	10/17/2014
Preparation Method						
Date Analyzed		10/17/2014	10/17/2014	10/17/2014	10/17/2014	10/17/2014
Matrix		Soil	Soil	Soil	Soil	Soil
Units		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Dilution Factor		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Aldrin	2.00	ND	ND	ND	ND	ND
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND	ND	ND	ND	ND
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND	ND	ND	ND	ND
Gamma-Chlordane	2.00	ND	14.2	ND	ND	2.24
alpha-Chlordane	2.00	ND	14.8	ND	ND	2.53
4,4'-DDD (DDD)	4.00	ND	5.28	ND	ND	5.37
4,4'-DDE (DDE)	4.00	ND	56.6	ND	ND	26.8
4,4'-DDT (DDT)	4.00	ND	12.7	ND	ND	8.78
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND	ND	ND	ND	ND
Dieldrin	4.00	ND	33.7	ND	ND	23.6
Endosulfan 1	2.00	ND	ND	ND	ND	ND
Endosulfan 11	4.00	ND	ND	ND	ND	ND
Endosulfan sulfate	4.00	ND	ND	ND	ND	ND
Endrin	4.00	ND	6.51	ND	ND	5.41
Endrin aldehyde	4.00	ND	ND	ND	ND	ND
Endrin ketone	4.00	ND	ND	ND	ND	ND
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND	ND	ND	ND	ND
Heptachlor	2.00	ND	ND	ND	ND	ND
Heptachlor epoxide	2.00	ND	ND	ND	ND	ND
Methoxychlor	4.00	ND	ND	ND	ND	ND
Toxaphene	170	ND	ND	ND	ND	ND
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		322991	322992	322993	322994	322995
Surrogates	**% Rec.Limit**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	91	88	106	101	79

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Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Project ID: 01205547.04
Project Name: Olde Hwy 80

ASL Job Number	Submitted	Client
62359	10/14/2014	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 101714-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	**101**	**109**	**7.6**	**42-122**	**<30**					
4,4'-DDT (DDT)	**113**	**128**	**12.4**	**25-160**	**<30**					
Dieldrin	**102**	**115**	**12.0**	**36-146**	**<30**					
Endrin	**101**	**111**	**9.4**	**30-147**	**<30**					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	**104**	**109**	**4.7**	**32-127**	**<30**					
Heptachlor	**101**	**107**	**5.8**	**34-111**	**<30**					

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Environmental Testing Services
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ANALYTICAL RESULTS

Ordered By

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San Diego, CA 92123-

Telephone: (858)571-5500
Attn: Drek Gill

Site

14109 Olde Hoghway 80
El Cajon, CA

Page: **7**

Project ID: 01205547.04
Project Name: Olde Hwy 80

ASL Job Number	Submitted	Client
62359	10/14/2014	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 101714-1

Our Lab I.D.		322996	322997	322998	322999	323000
Client Sample I.D.		HA6-0.5	HA7-0.5	HA8-0.5	HA9-0.5	HA10-0.5
Date Sampled		10/13/2014	10/13/2014	10/13/2014	10/13/2014	10/13/2014
Date Prepared		10/17/2014	10/17/2014	10/17/2014	10/17/2014	10/17/2014
Preparation Method						
Date Analyzed		10/17/2014	10/17/2014	10/17/2014	10/17/2014	10/17/2014
Matrix		Soil	Soil	Soil	Soil	Soil
Units		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Dilution Factor		1	1	1	1	1
Analytes	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Aldrin	2.00	ND	ND	ND	ND	ND
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND	ND	ND	ND	ND
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND	ND	ND	ND	ND
Gamma-Chlordane	2.00	2.79	ND	ND	ND	ND
alpha-Chlordane	2.00	2.45	ND	ND	ND	ND
4,4'-DDD (DDD)	4.00	ND	ND	ND	ND	ND
4,4'-DDE (DDE)	4.00	13.6	ND	ND	ND	ND
4,4'-DDT (DDT)	4.00	ND	ND	ND	ND	ND
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND	ND	ND	ND	ND
Dieldrin	4.00	ND	ND	ND	ND	ND
Endosulfan 1	2.00	ND	ND	ND	ND	ND
Endosulfan 11	4.00	ND	ND	ND	ND	ND
Endosulfan sulfate	4.00	ND	ND	ND	ND	ND
Endrin	4.00	ND	ND	ND	ND	ND
Endrin aldehyde	4.00	ND	ND	ND	ND	ND
Endrin ketone	4.00	ND	ND	ND	ND	ND
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND	ND	ND	ND	ND
Heptachlor	2.00	ND	ND	ND	ND	ND
Heptachlor epoxide	2.00	ND	ND	ND	ND	ND
Methoxychlor	4.00	258	ND	ND	ND	ND
Toxaphene	170	ND	ND	ND	ND	ND
Chlordane, Total	170	ND	ND	ND	ND	ND

Our Lab I.D.		322996	322997	322998	322999	323000
Surrogates	**% Rec.Limit**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	106	105	73	91	98

AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services
2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Project ID: 01205547.04
Project Name: Olde Hwy 80

ASL Job Number	Submitted	Client
62359	10/14/2014	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 101714-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	**101**	**109**	**7.6**	**42-122**	**<30**					
4,4'-DDT (DDT)	**113**	**128**	**12.4**	**25-160**	**<30**					
Dieldrin	**102**	**115**	**12.0**	**36-146**	**<30**					
Endrin	**101**	**111**	**9.4**	**30-147**	**<30**					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	**104**	**109**	**4.7**	**32-127**	**<30**					
Heptachlor	**101**	**107**	**5.8**	**34-111**	**<30**					

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ANALYTICAL RESULTS

Ordered By

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8799 Balboa Avenue, Suite 290
San Diego, CA 92123-

Telephone: (858)571-5500
Attn: Drek Gill

Site

14109 Olde Hoghway 80
El Cajon, CA

Page: **9**

Project ID: 01205547.04
Project Name: Olde Hwy 80

ASL Job Number	Submitted	Client
62359	10/14/2014	SCS

Method: 8081A, Organochlorine Pesticides

QC Batch No: 101714-1

Our Lab I.D.		323001	323002			
Client Sample I.D.		HA11-0.5	HA12-0.5			
Date Sampled		10/13/2014	10/13/2014			
Date Prepared		10/17/2014	10/17/2014			
Preparation Method						
Date Analyzed		10/17/2014	10/17/2014			
Matrix		Soil	Soil			
Units		ug/kg	ug/kg			
Dilution Factor		1	1			
Analytes	**PQL**	**Results**	**Results**			
Aldrin	2.00	ND	ND			
alpha-Hexachlorocyclohexane (Alpha-BHC)	2.00	ND	ND			
Beta-Hexachlorocyclohexane (Beta-BHC)	2.00	ND	ND			
Gamma-Chlordane	2.00	ND	ND			
alpha-Chlordane	2.00	ND	ND			
4,4'-DDD (DDD)	4.00	8.79	ND			
4,4'-DDE (DDE)	4.00	18.3	ND			
4,4'-DDT (DDT)	4.00	56.8	ND			
delta-Hexachlorocyclohexane (Delta-BHC)	2.00	ND	ND			
Dieldrin	4.00	ND	ND			
Endosulfan 1	2.00	ND	ND			
Endosulfan 11	4.00	ND	ND			
Endosulfan sulfate	4.00	ND	ND			
Endrin	4.00	7.70	ND			
Endrin aldehyde	4.00	ND	ND			
Endrin ketone	4.00	ND	ND			
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	2.00	ND	ND			
Heptachlor	2.00	ND	ND			
Heptachlor epoxide	2.00	ND	ND			
Methoxychlor	4.00	ND	ND			
Toxaphene	170	ND	ND			
Chlordane, Total	170	ND	ND			

Our Lab I.D.		323001	323002			
Surrogates	**% Rec.Limit**	**% Rec.**	**% Rec.**			
Surrogate Percent Recovery						
Decachlorobiphenyl	43-169	90	78			

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ANALYTICAL RESULTS

Project ID: 01205547.04
Project Name: Olde Hwy 80

ASL Job Number	Submitted	Client
62359	10/14/2014	SCS

Method: 8081A, Organochlorine Pesticides

QUALITY CONTROL REPORT

QC Batch No: 101714-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Aldrin	**101**	**109**	**7.6**	**42-122**	**<30**					
4,4'-DDT (DDT)	**113**	**128**	**12.4**	**25-160**	**<30**					
Dieldrin	**102**	**115**	**12.0**	**36-146**	**<30**					
Endrin	**101**	**111**	**9.4**	**30-147**	**<30**					
gamma-Hexachlorocyclohexane (Gamma-BHC, Lindane)	**104**	**109**	**4.7**	**32-127**	**<30**					
Heptachlor	**101**	**107**	**5.8**	**34-111**	**<30**					